

WINTHERM PRIME

PVC ALU BOIS

KATALOG TECHNICZNY PVC

CATALOGUE TECHNIQUE PVC

PVC TECHNICAL CATALOGUE

TECHNISCHER KATALOG PVC

CATALOGO TECNICO PVC

PVC TECHNISCHE CATALOGUS

1/2023



WINTHERM PRIME

PVC ALU BOIS

MENU

MENU

aluplast®

Kunststoff-Fenstersysteme

ALUPLAST


IDEAL 8000


IDEAL 7000 NL


IDEAL 7000 NEW


IDELA 5000


IDEAL 4000 NEW


IDEAL 4000


IDEAL 70 /4000
CASEMANT


NORDLINE


MONOBLOCK


ENERGETO NEO


IDEAL NEO AD / MD


ENERGETO 8000


HST 85


SMARTSLIDE


MULTISLIDE


EASYSLIDE

SALAMANDER



EVOLUTIONDRIVE 82



EVOLUTIONDRIVE PLUS+



EVOLUTIONDRIVE SF



BLUEVOLUTION 92



BLUEVOLUTION 82



GREENEVOLUTION FLEX

GEALAN



GEALAN HST



SYSTEM



GEALAN S8000

1

2

3

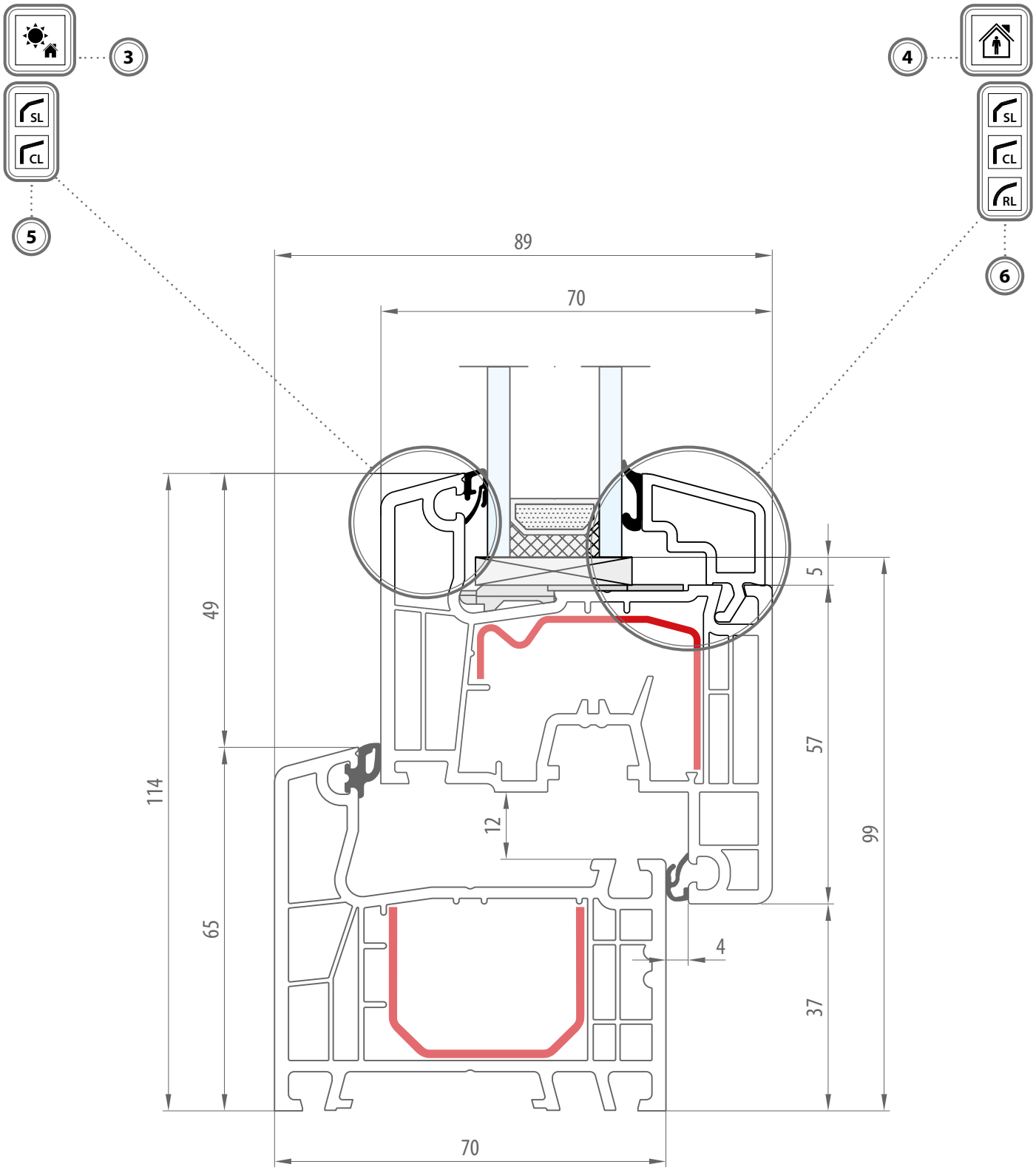
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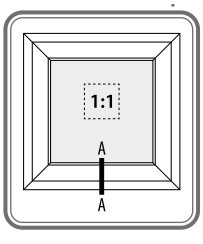
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7

8



- Rama: 65 mm · Skrzydło: 77 mm
- Dormant: 65 mm · Vantail: 77 mm
- Frame: 65 mm · Sash: 77 mm
- Rahmen: 65 mm · Flügel: 77 mm
- Telaio: 65 mm · Anta: 77 mm
- Kozijn: 65 mm · Vleugel: 77 mm



Opis oznaczeń · Description des marquages · Descriptions of markings
Beschreibung · Descrizione delle marcature · Beschrijving van markeringen

1
- Nazwa systemu
- Nom du système
- Name of a system
- System
- Nome del sistema
- Systeem naam

2
- Numery profili
- Numéros de profil
- Number of profiles
- Nummern der Profile
- Numeri dei profili
- Systeem naam

3
- Strona zewnętrzna
- Face extérieure
- External side
- Aussensetie
- Parte esterna
- Buitenkant

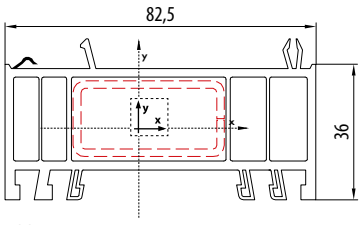
4
- Strona wewnętrzna
- Face intérieure
- Internal side
- Innenseite
- Parte interna
- Binnenkant

5
- Wykończenie zewnętrzne skrzydła
- Finition extérieure des l'ouvrant
- Finished of an external sash
- Ausführung der Innenseite es Flügels
- Finitura esterna dell'anta
- Buitenafwerking van de vleugel

6
- Wykończenie listwy przyszybowej
- Finition de la parclose
- Finished of a glazing bead
- Ausführung der Glasleiste
- Finitura del fermavetro
- Afwerking van glaslatten

7
- Opis rysunku - szerokość profili
- Description du dessin
- Description of a drawing
- Beschreibung der Zeichnung
- Descrizione del disegno
- Tekening beschrijving - profielbreedte

8
- Miejsce i skala przekroju
- Endroit et échelle de la coupe
- Place and scale of the cross-section
- Stelle und Skala des Querschnitts
- Luogo e scala della sezione
- Plaats en schaal van de doorsnede



12345

–	0,0	–	Ix 0,0	Iy 0,0
	2,0	12345	Ix 1,4	Iy 4,1
Wzmocnienie	Grubość	Kod	Moment bezwładności [cm⁴]	
Renforcement	Épaisseur	Code	Moment d'inertie [cm⁴]	
Reinforcement	Thickness	Code	Moment of inertia [cm⁴]	
Verstärkung	Stärke	Code	Flächenträgheitsmoment [cm⁴]	
Rinforzo	Spessore	Codice	Momento di inerzia [cm⁴]	
Versterking	Dikte	Code	Traagheidsmoment [cm⁴]	

Przedstawiono wzmocnienia standardowe dla konstrukcji w kolorze białym o wymiarach referencyjnych.

Les renforts standard pour une structure de couleur blanche de dimension de référence ont été présentés.

Standard reinforcements for white constructions with reference dimensions are presented

Es wurden standard Verstärkungen bei weißen Elementen mit Referenzmassen dargestellt

Sono stati presentati i rinforzi standard delle costruzioni di colore bianco con dimensioni di riferimento.

Standaard verstevigingen worden gepresenteerd voor de constructie in het wit met referentiematen

Opis oznaczeń · Description des marquages · Descriptions of markings
Beschreibung · Descrizione delle marcature · Beschrijving van markeringen



- Ilość komór
- Nombre de chambres
- Number of chambers
- Anzahl Kammern
- Quantita' di camere
- Aantal kamers



- Ilość uszczelek
- Nombre de joitns
- Number of gaskets
- Anzahl Dichtungen
- Quantita' delle guarnizioni
- Aantal afdichtingen



- Głębokość zabudowy
- Profondeur de construction
- Installation depth
- Bautiefe
- Profondita' di montaggio
- Inbouwdiepte



- Max grubość wypełnienia
- Épaisseur max du vitrage
- Max filing thickness
- Maximale Stärke der Verglasung
- Massimo spessore del riempimento
- Maximale dikte van de vulling



- Strona zewnętrzna
- Face extérieure
- External side
- Aussensetie
- Parte esterna
- Buitenkant



- Strona wewnętrzna
- Face intérieure
- Internal side
- Innenseite
- Parte interna
- Binnenkant



- Rodzaj zgrzewu
- Type de soudure
- Welding type
- Art der Schweißnaht
- Tipo di saldatura
- Type van lassen



- Możliwość zamówienia profilu w klasie A
- Possibilité de commander le profilé de classe A
- It is possible to order a profile in A class
- Auch als A-Klasse-Profil erhältlich
- Possibilita' di ordinare il profilo di classe A
- Mogelijkheid om A-klasseprofiel te bestellen



- Okucie okienne
- Ferrage de fenêtre
- Window fitting
- Fenster-Beschlag
- Ferramenta di finestre
- Raambeslag



- Okucie drzwiowe
- Ferrage de porte
- Door fitting
- Tür-Beschlag
- Ferramenta di porte
- Deurbeslag



- Technologia szyby wklejanej
- Technologie de vitrage collé
- Bonded glass technology
- Glas verklebt
- Tecnologia del vetro incollato
- Technologie van gelijmd glas



- Nakładki aluminiowe
- Capotage aluminium
- Aluminium covers
- Aluschale
- Coperture in alluminio
- Aluminium afdekkingen



Soft-line



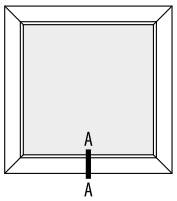
Round-line



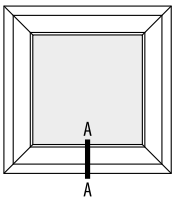
Classic-line



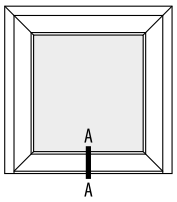
History-line



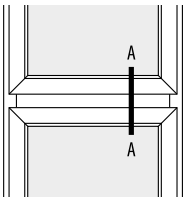
- Okno ze stałym szkleniem
- Fenêtre fixe
- Window with a fixed glazing
- Festverglasung
- Finestre fisse
- Raam met permanente beglazing



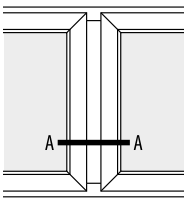
- Rama - skrzydło
- Dormant - Ouvrant
- Frame - Sash
- Rahmen - Flügel
- Telaio - Anta
- Kader - vleugel



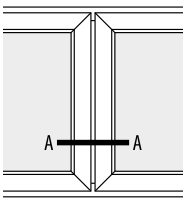
- Próg - skrzydło
- Seuil - Ouvrant
- Threshold - Sash
- Schwelle - Flügel
- Soglia - Anta
- Dorpel - vleugel



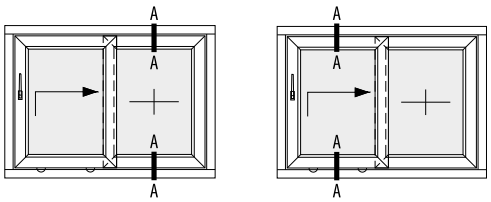
- Poprzeczka
- Traverse
- Muntin bar
- Kämpfer
- Traverso
- Tussenstijl



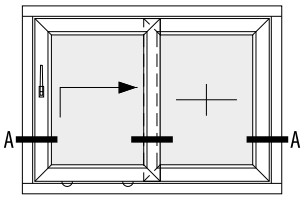
- Słupek stały
- Meneau fixe
- Fixed post
- Fester Pfosten
- Montante fisso
- Vaste stijl



- Słupek ruchomy
- Meneau mobile
- Moveable post
- Stulp
- Montante mobile
- Verplaatsbare stijl

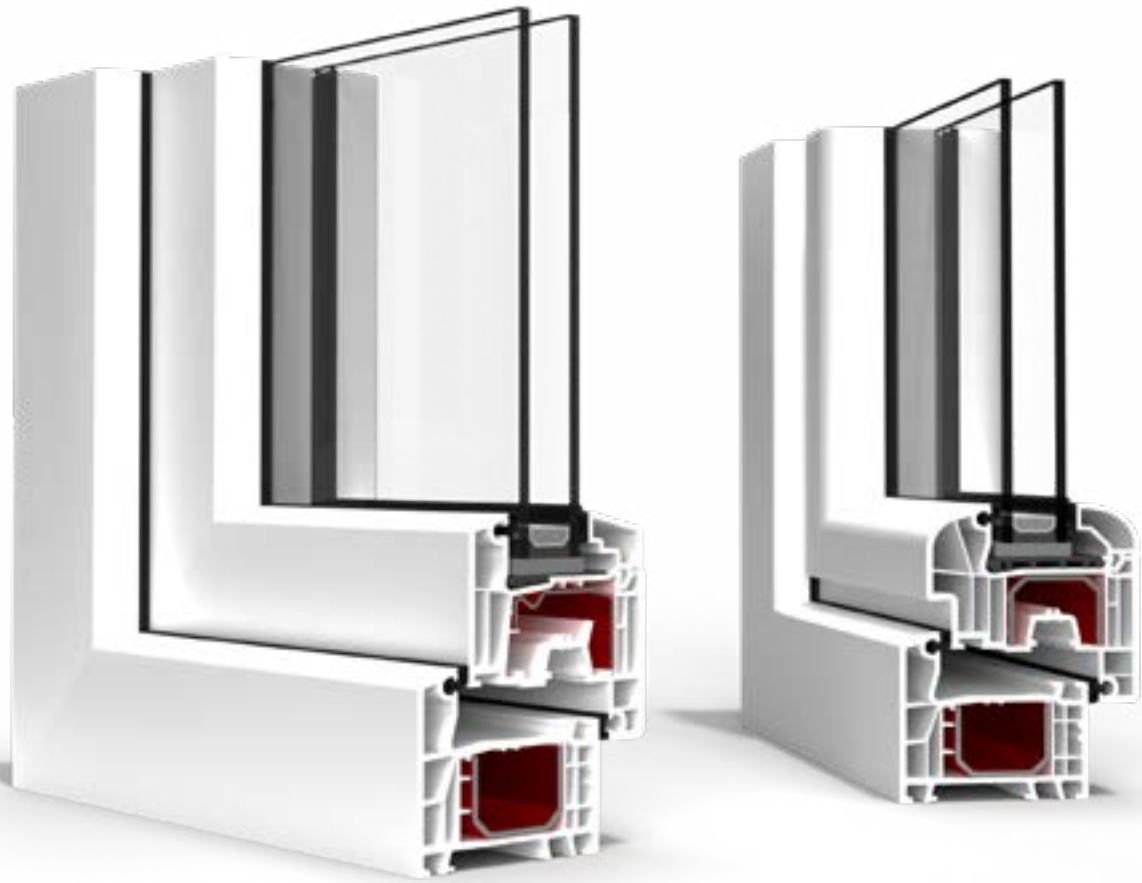


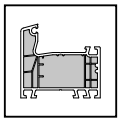
- Schemat A - przekrój pionowy
- Schéma A – coupe verticale
- Scheme A – vertical intersection
- Schema A – Senkrechter Querschnitt
- Schema A – intersezione verticale
- Schema A - verticale doorsnede



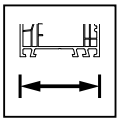
- Schemat A - przekrój poziomy
- Schéma A - coupe horizontale
- Scheme A – horizontal intersection
- Schema A – Waagerechter Querschnitt
- Schema A – intersezione orizzontale
- Schema A - horizontale doorsnede

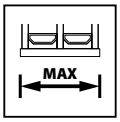
IDEAL 4000



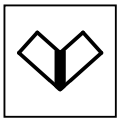

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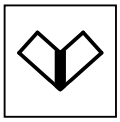

2


70



42

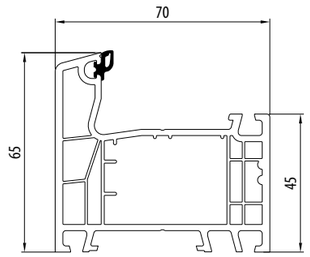




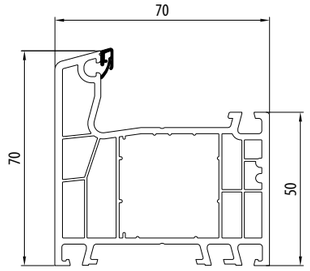


ALU

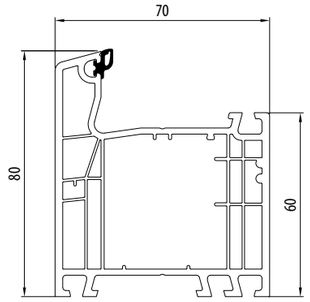




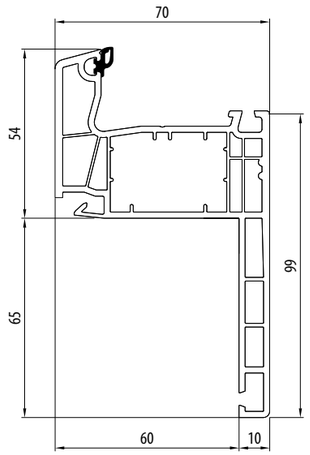
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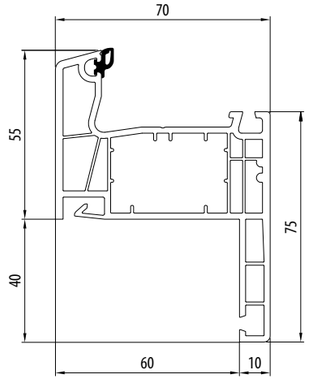
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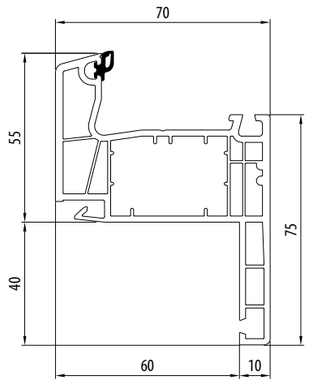
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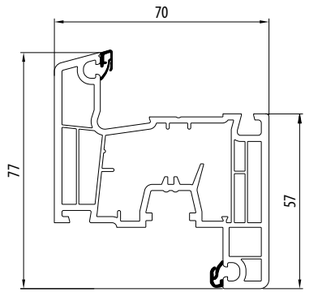
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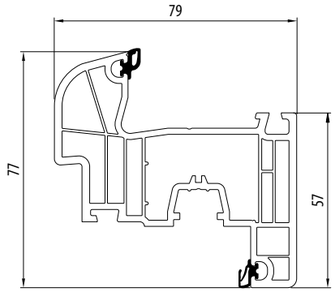
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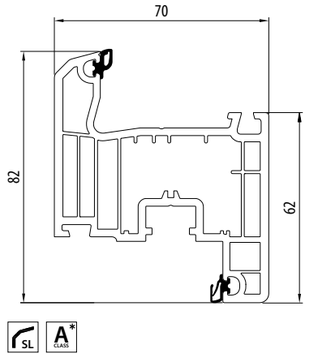
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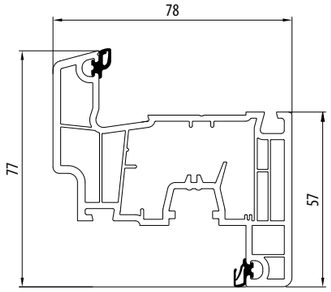
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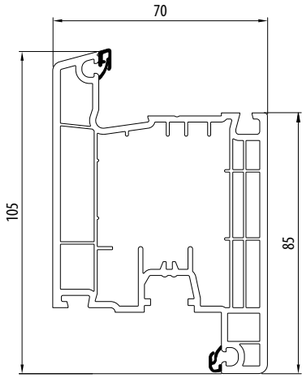
RL 140x22



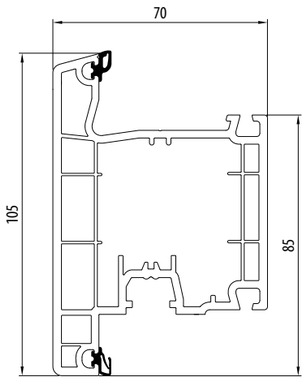
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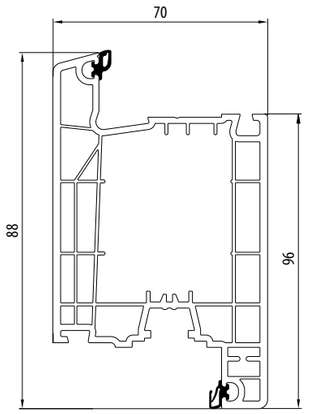
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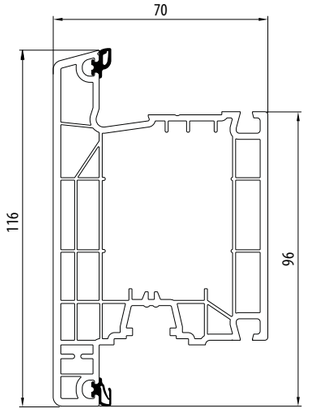
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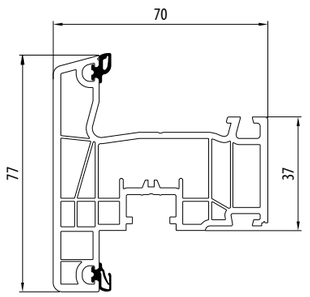
CL 140x31



CL ALU 140x33



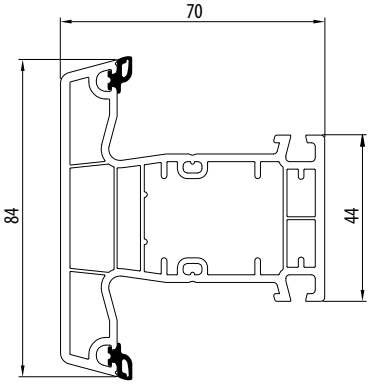
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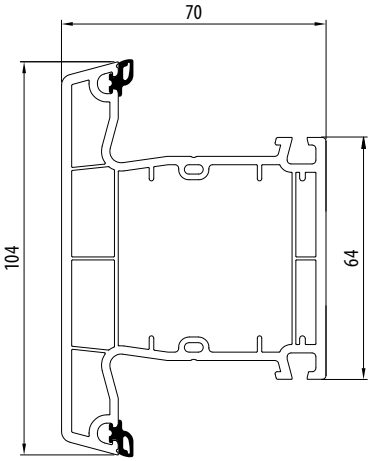
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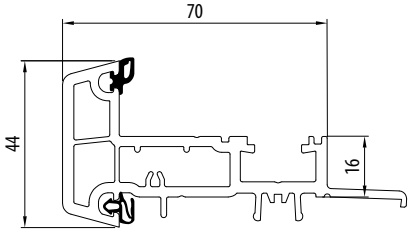
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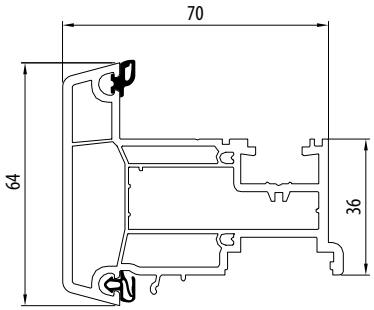
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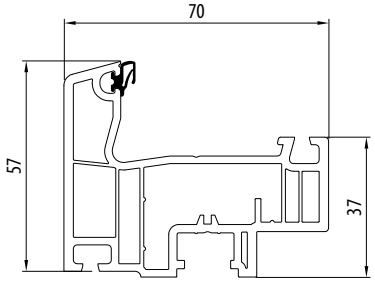
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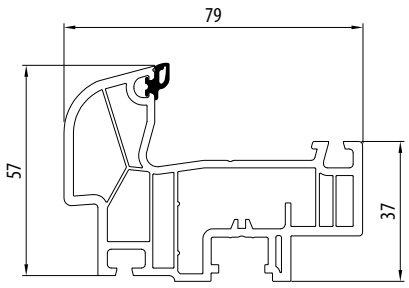
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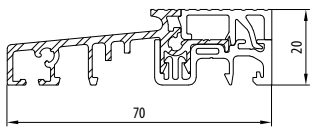
CL ALU 140x66



CL 140x76



RL 140x82

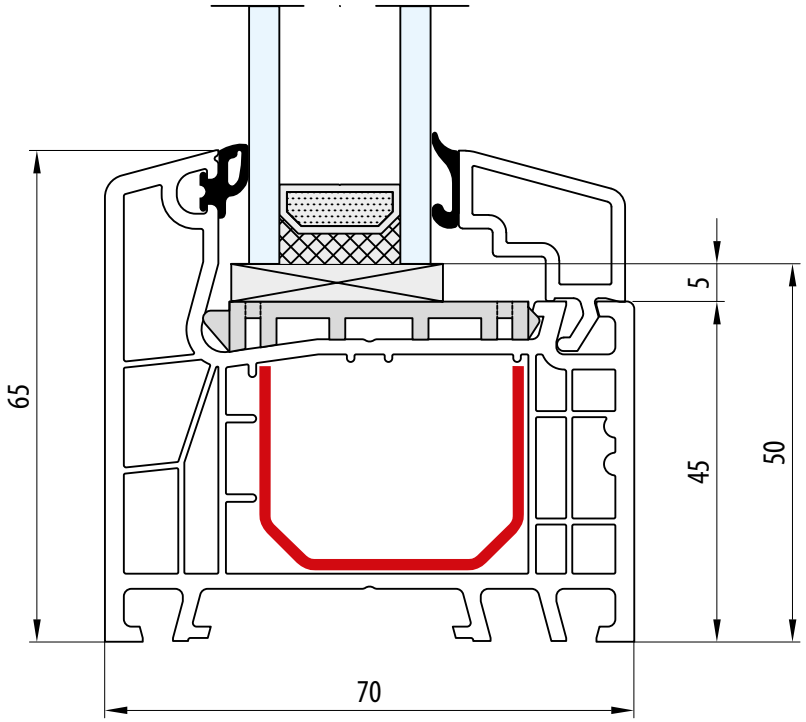


alu - 20 mm

1:2

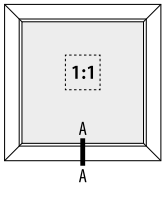
CL

SL
CL
RL



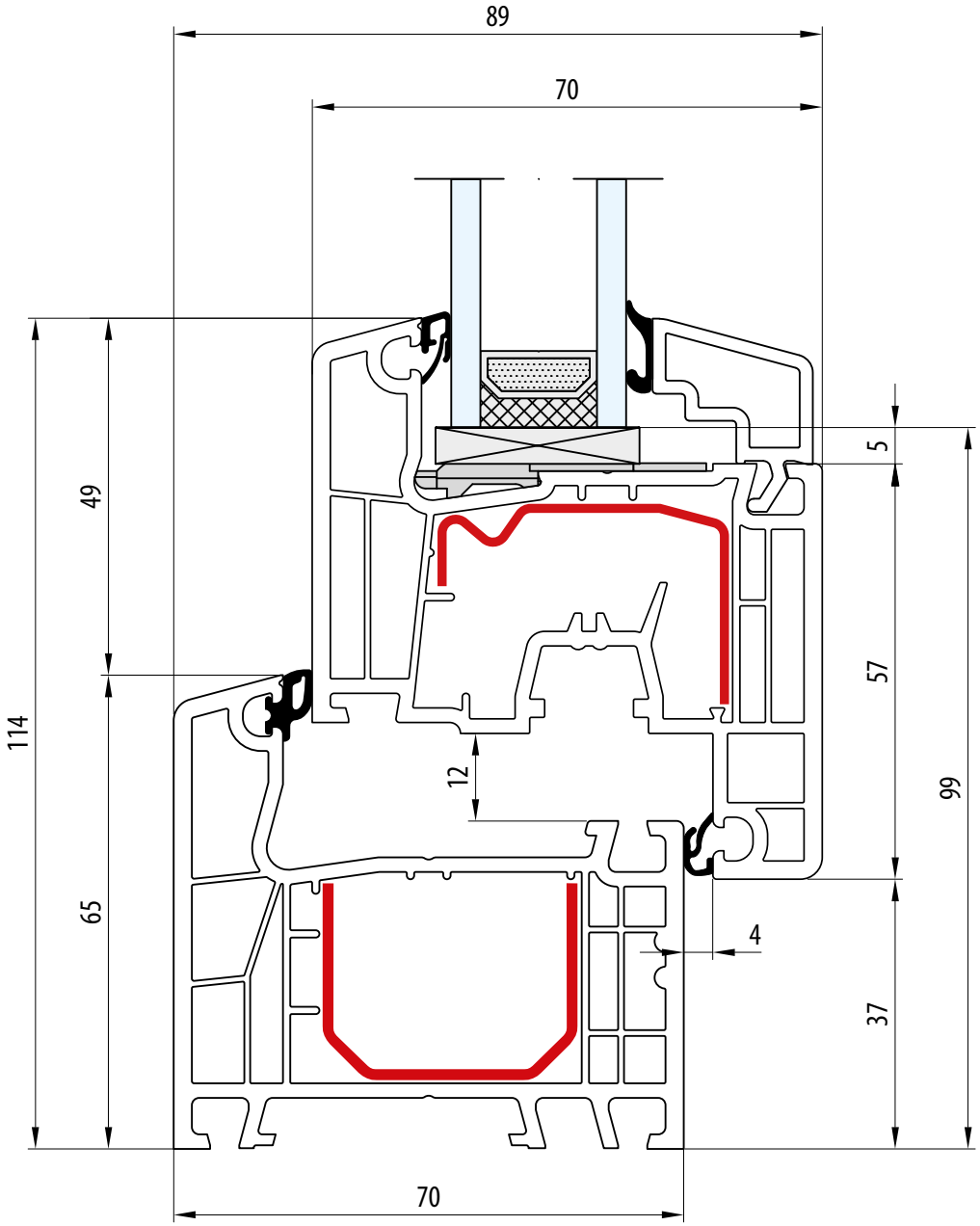
140x01

Rama: 65 mm
Dormant: 65 mm
Frame: 65 mm
Rahmen: 65 mm
Telaio: 65 mm
Kader: 65 mm

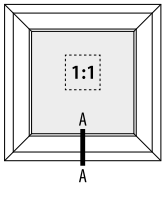


SL
CL

SL
CL
RL

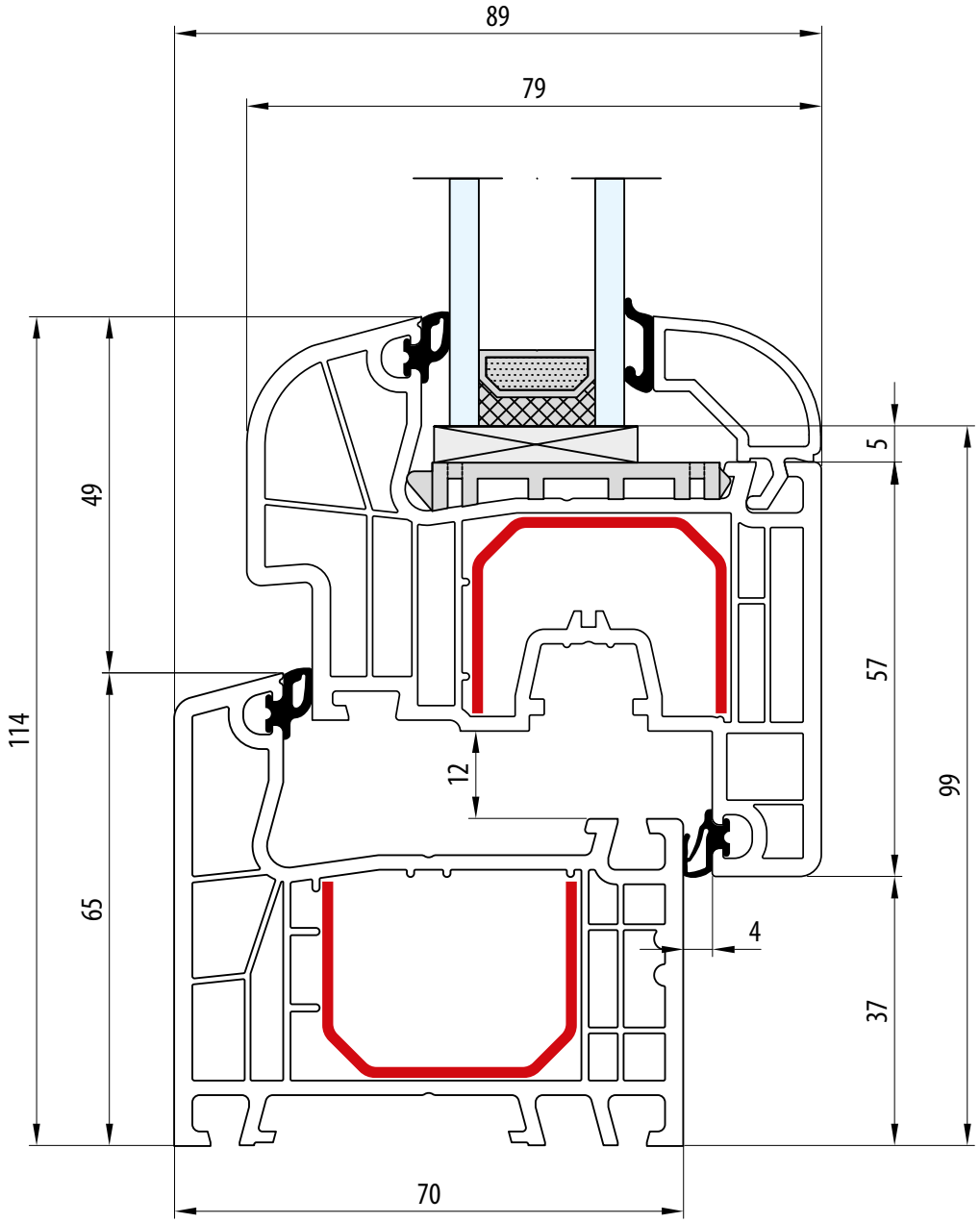


Rama: 65 mm · Skrzydło: 77 mm
Dormant: 65 mm · Vantail: 77 mm
Frame: 65 mm · Sash: 77 mm
Rahmen: 65 mm · Flügel: 77 mm
Telaio: 65 mm · Anta: 77 mm
Kader: 65 mm · Vleugel: 77 mm

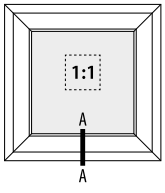


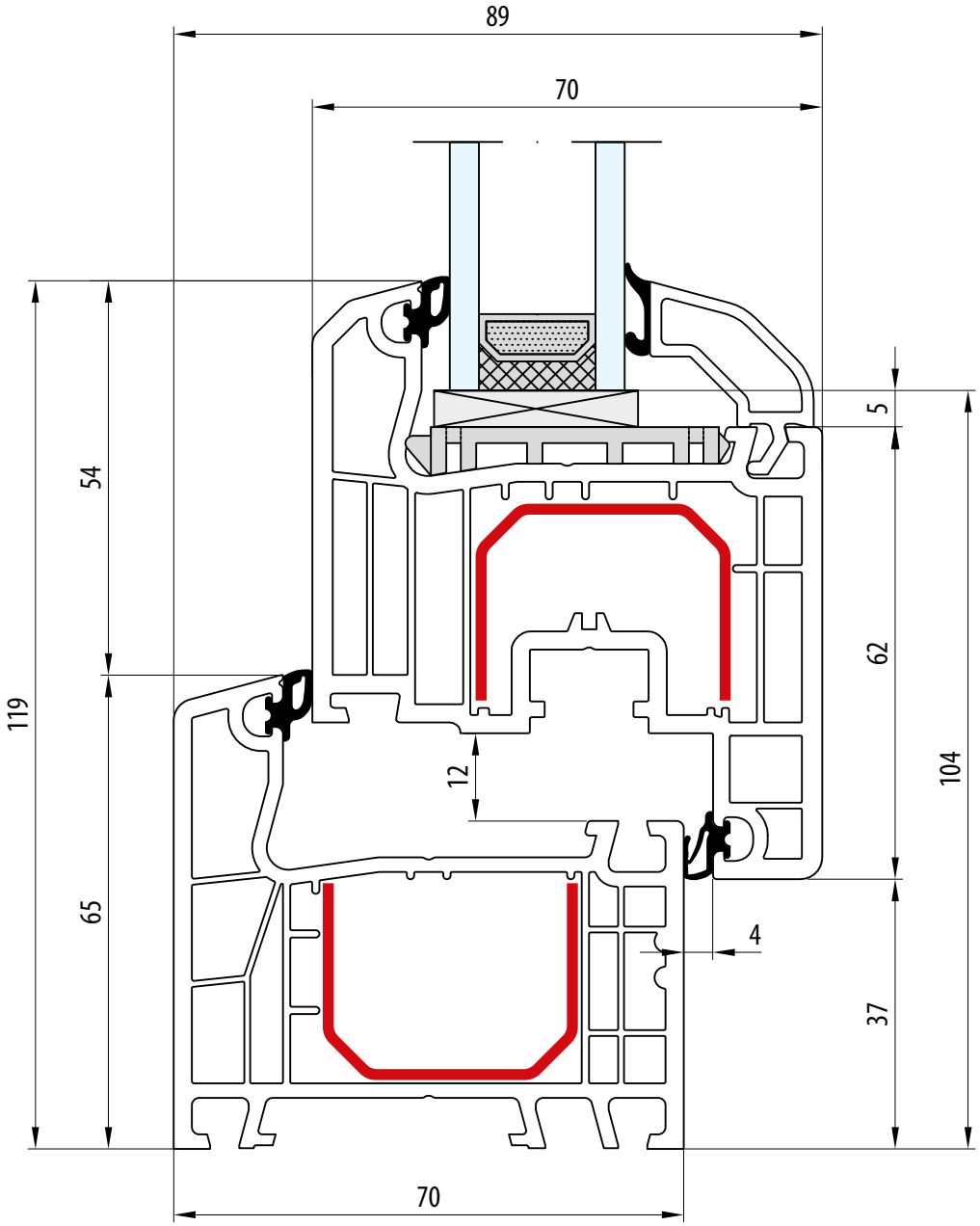
RL

SL
CL
RL

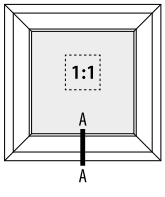


- Rama: 65 mm · Skrzydło: 77 mm
- Dormant: 65 mm · Vantail: 77 mm
- Frame: 65 mm · Sash: 77 mm
- Rahmen: 65 mm · Flügel: 77 mm
- Telaio: 65 mm · Anta: 77 mm
- Kader: 65 mm · Vleugel: 77 mm



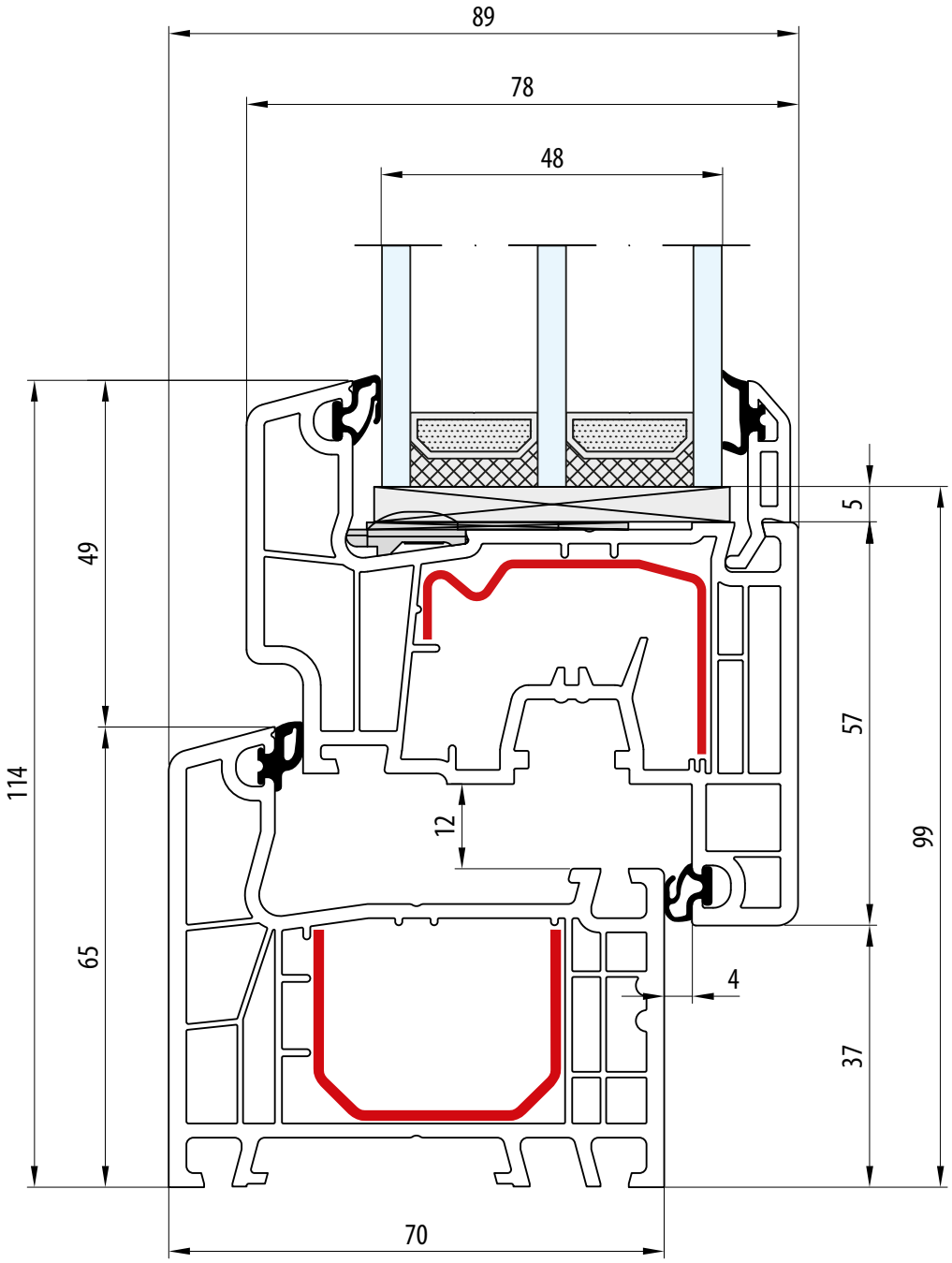


Rama: 65 mm · Skrzydło: 82 mm
Dormant: 65 mm · Vantail: 82 mm
Frame: 65 mm · Sash: 82 mm
Rahmen: 65 mm · Flügel: 82 mm
Telaio: 65 mm · Anta: 82 mm
Kader: 65 mm · Vleugel: 82 mm

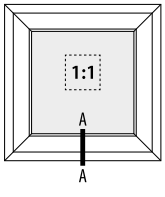


CL

SL
CL
RL

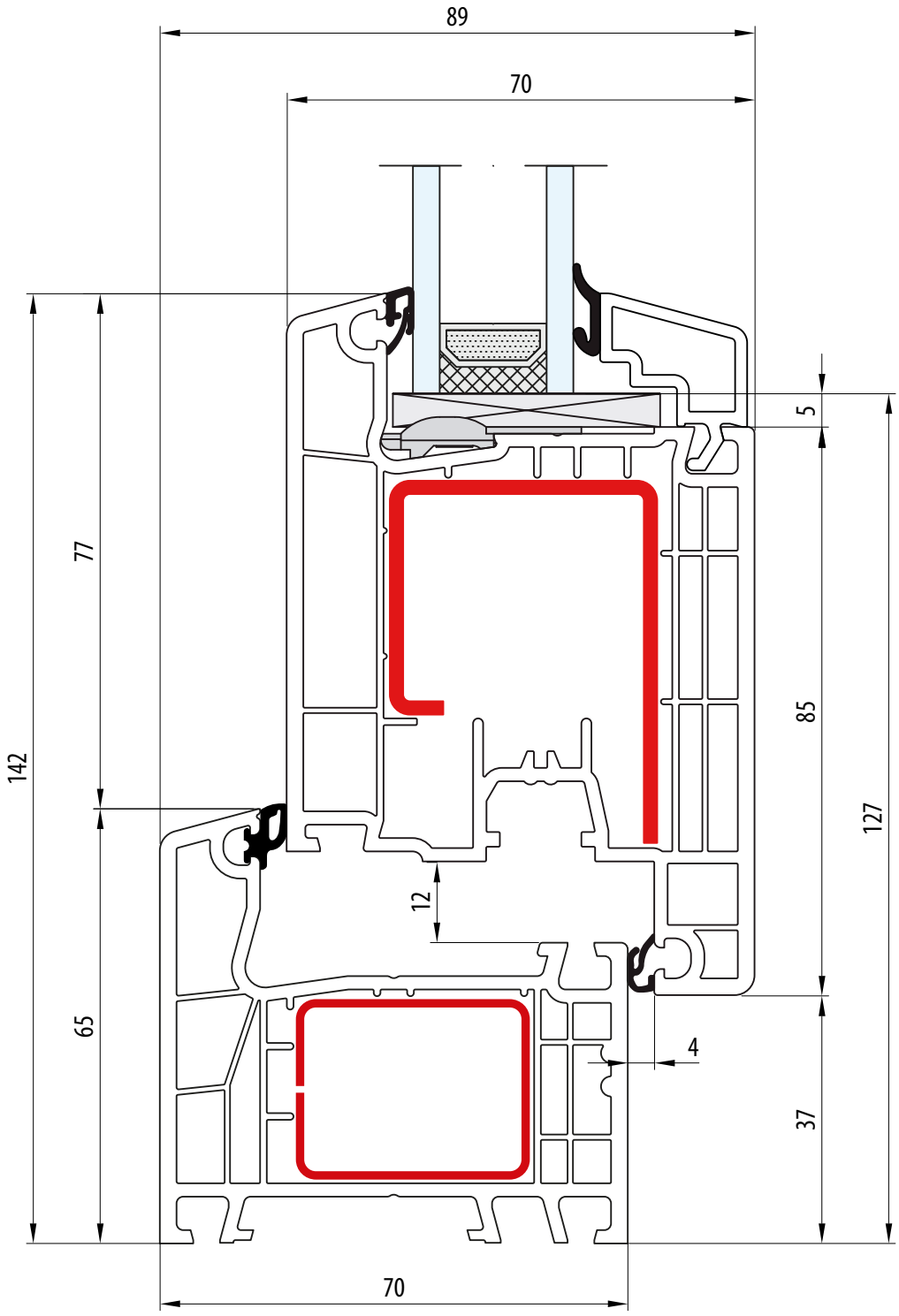


- Rama: 65 mm · Skrzydło: 77 mm
- Dormant: 65 mm · Vantail: 77 mm
- Frame: 65 mm · Sash: 77 mm
- Rahmen: 65 mm · Flügel: 77 mm
- Telaio: 65 mm · Anta: 77 mm
- Kader: 65 mm · Vleugel: 77 mm

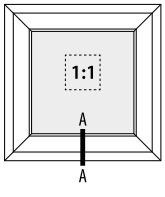


CL

SL
CL
RL

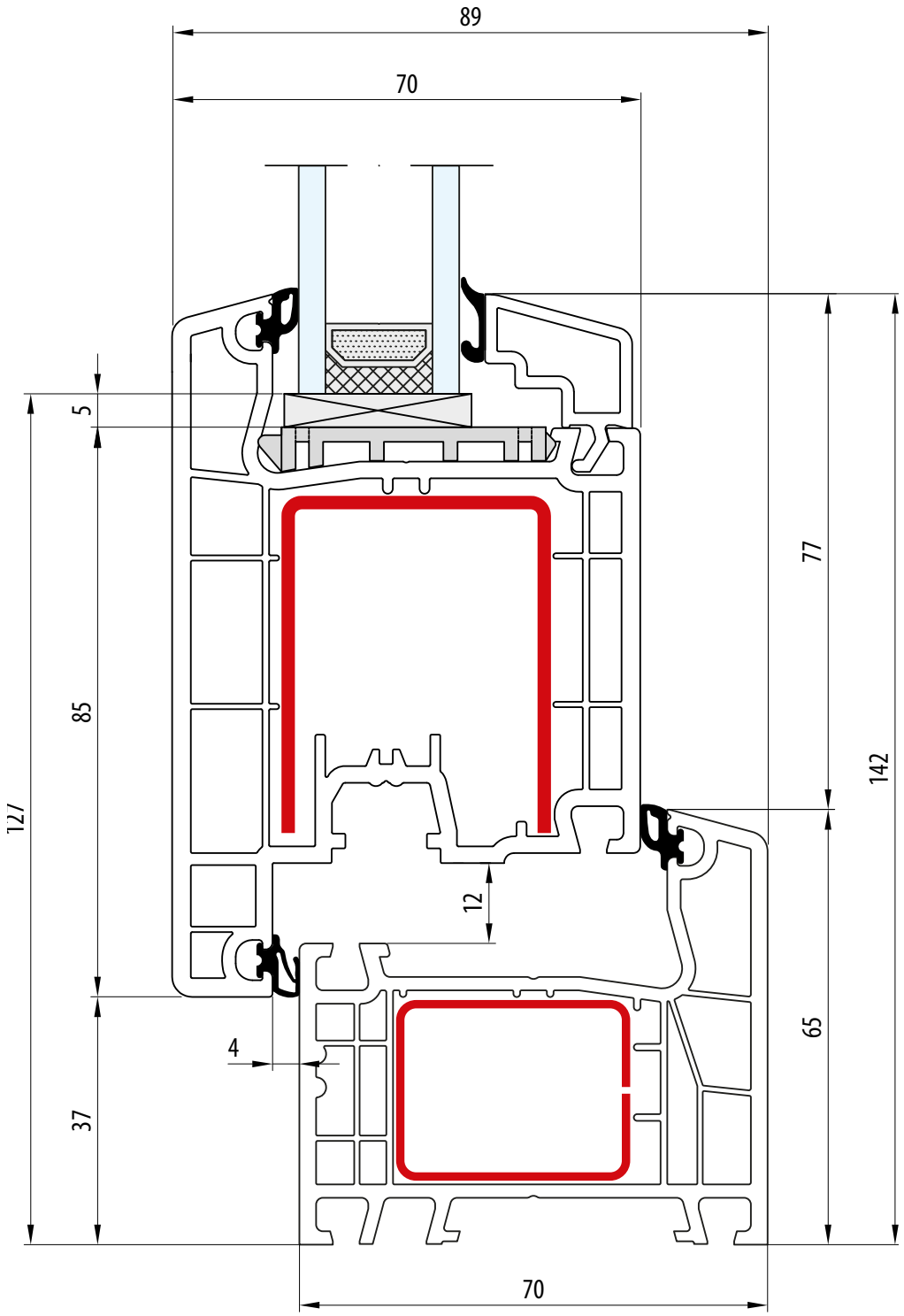


- Rama: 65 mm · Skrzydło: 105 mm
- Dormant: 65 mm · Vantail: 105 mm
- Frame: 65 mm · Sash: 105 mm
- Rahmen: 65 mm · Flügel: 105 mm
- Telaio: 65 mm · Anta: 105 mm
- Kader: 65 mm · Vleugel: 105 mm

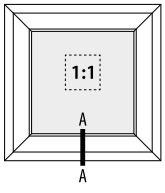


CL

SL
CL
RL

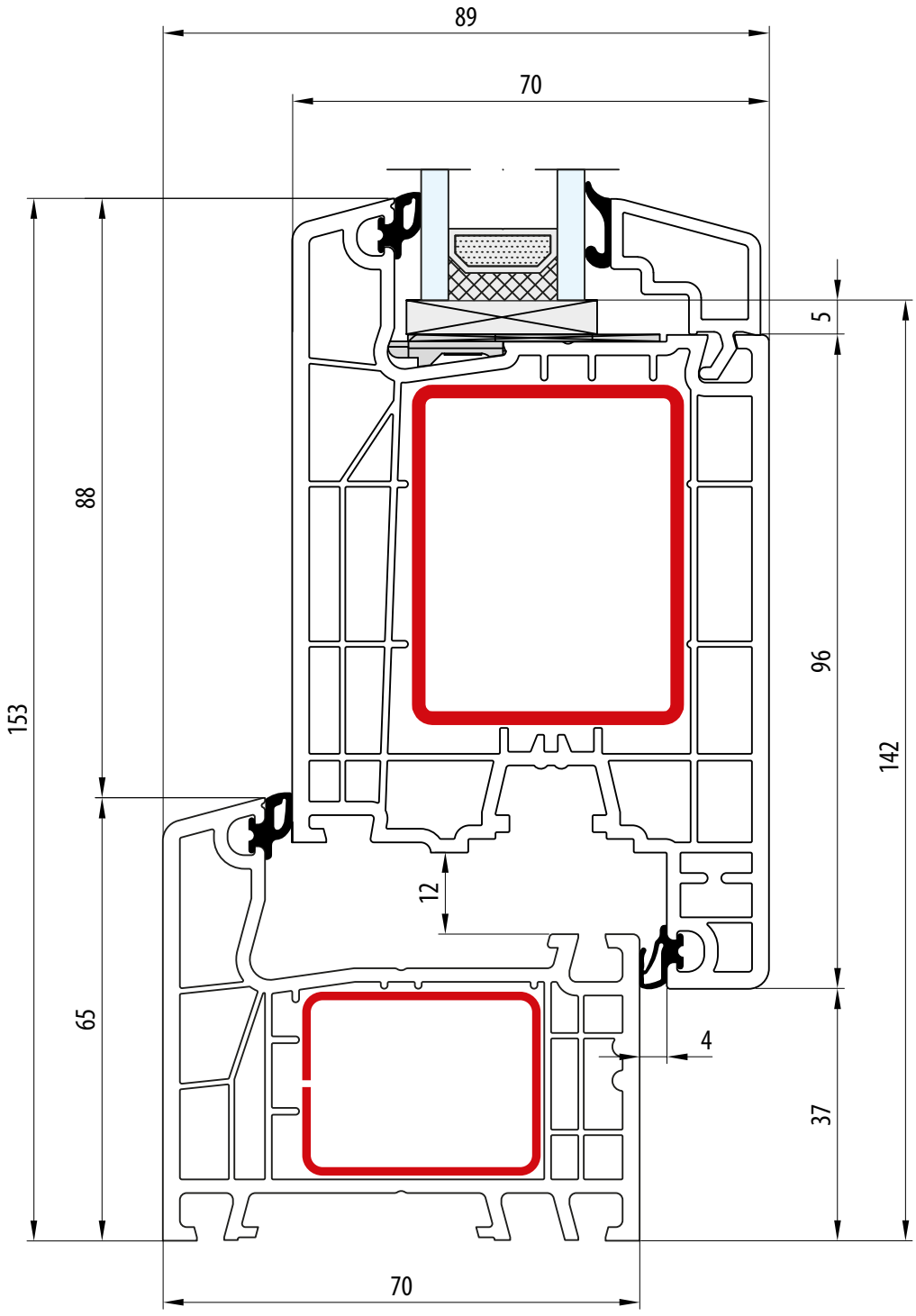


Rama: 65 mm · Skrzydło: 105 mm
Dormant: 65 mm · Vantail: 105 mm
Frame: 65 mm · Sash: 105 mm
Rahmen: 65 mm · Flügel: 105 mm
Telaio: 65 mm · Anta: 105 mm
Kader: 65 mm · Vleugel: 105 mm

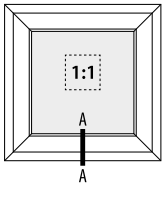


CL

SL
CL
RL

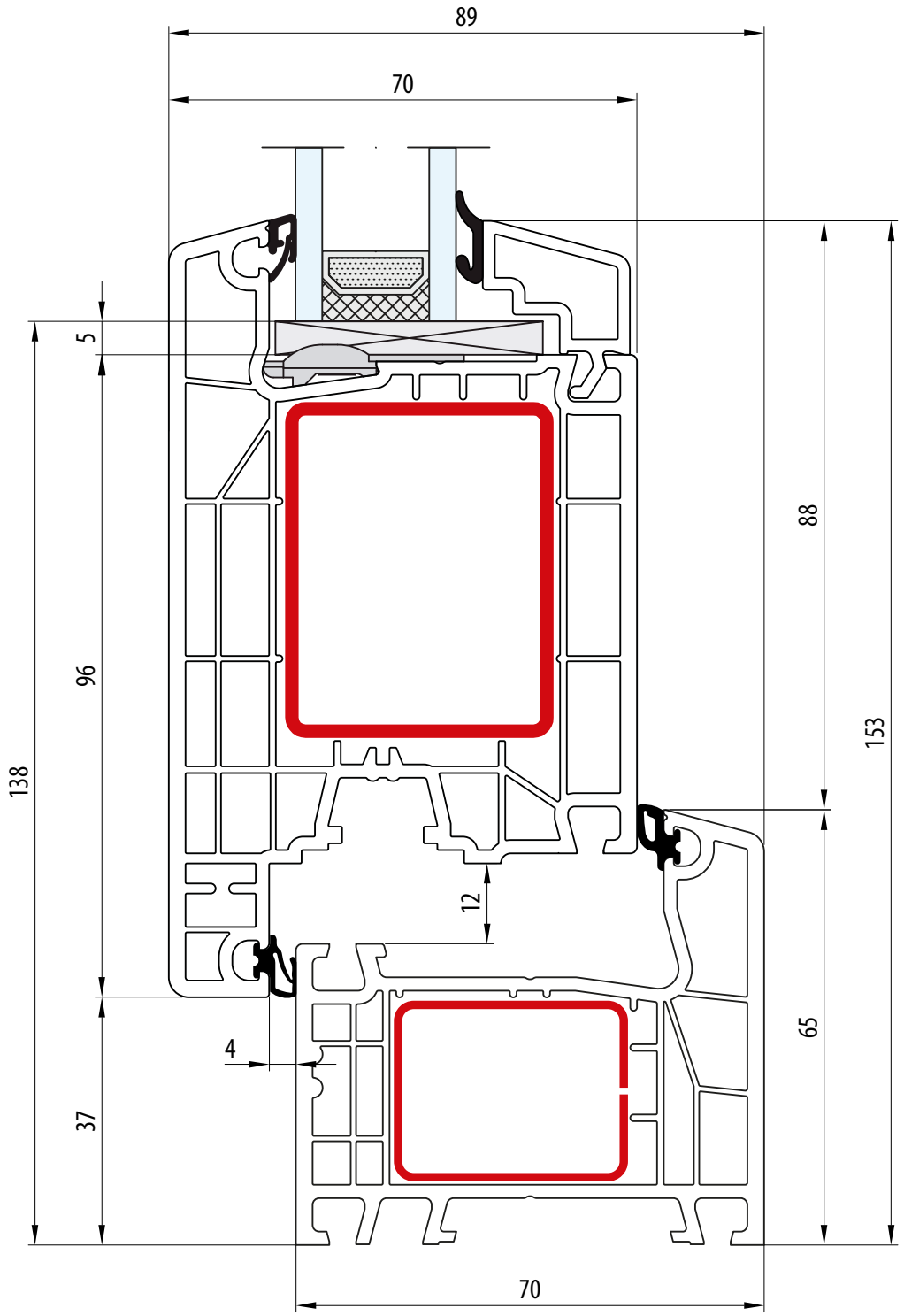


- Rama: 65 mm · Skrzydło: 116 mm
- Dormant: 65 mm · Vantail: 116 mm
- Frame: 65 mm · Sash: 116 mm
- Rahmen: 65 mm · Flügel: 116 mm
- Telaio: 65 mm · Anta: 116 mm
- Kader: 65 mm · Vleugel: 116 mm

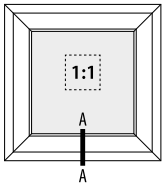


CL

SL
CL
RL

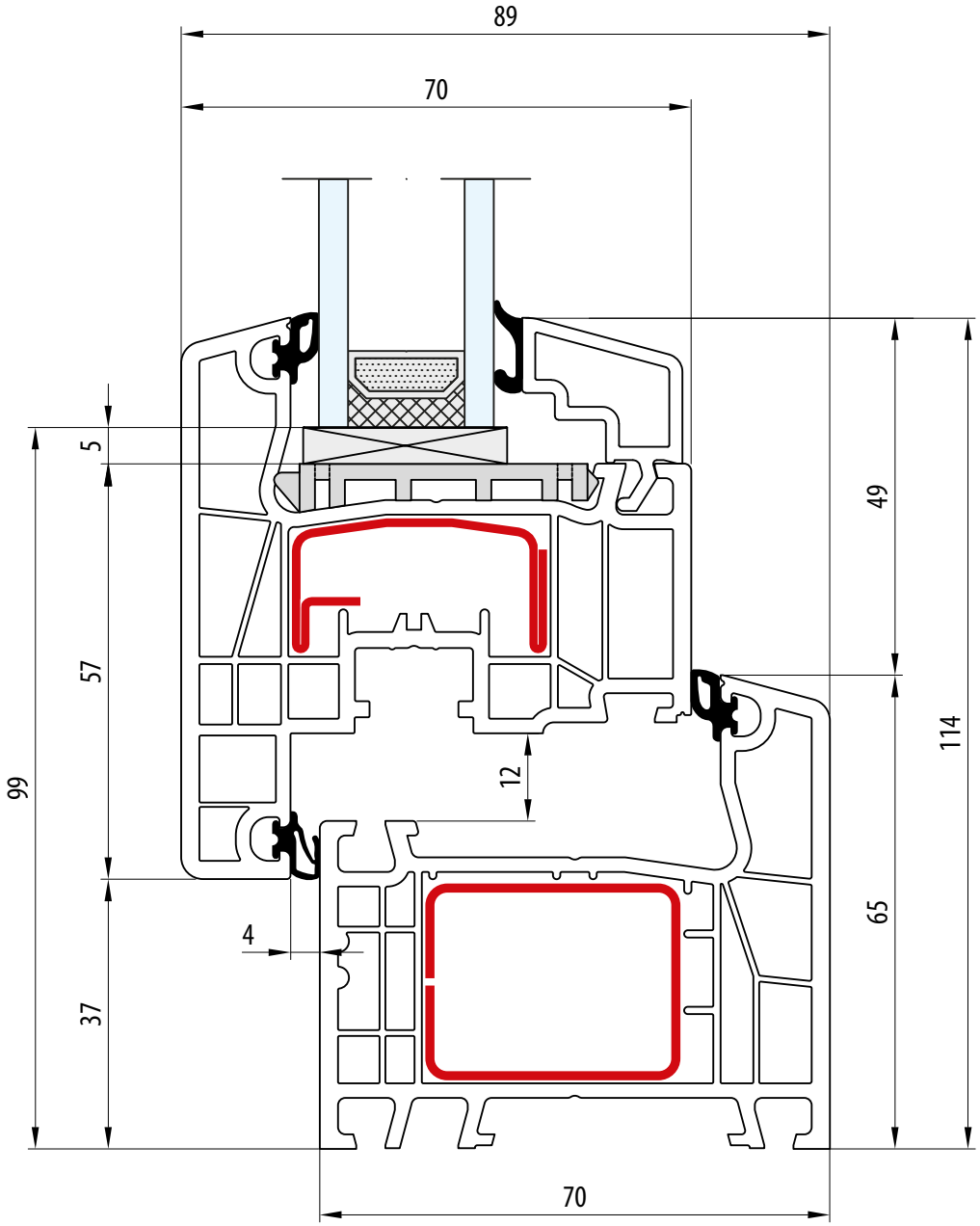


Rama: 65 mm · Skrzydło: 120 mm
Dormant: 65 mm · Vantail: 120 mm
Frame: 65 mm · Sash: 120 mm
Rahmen: 65 mm · Flügel: 120 mm
Telaio: 65 mm · Anta: 120 mm
Kader: 65 mm · Vleugel: 120 mm

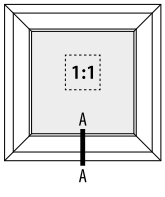


CL

SL CL RL

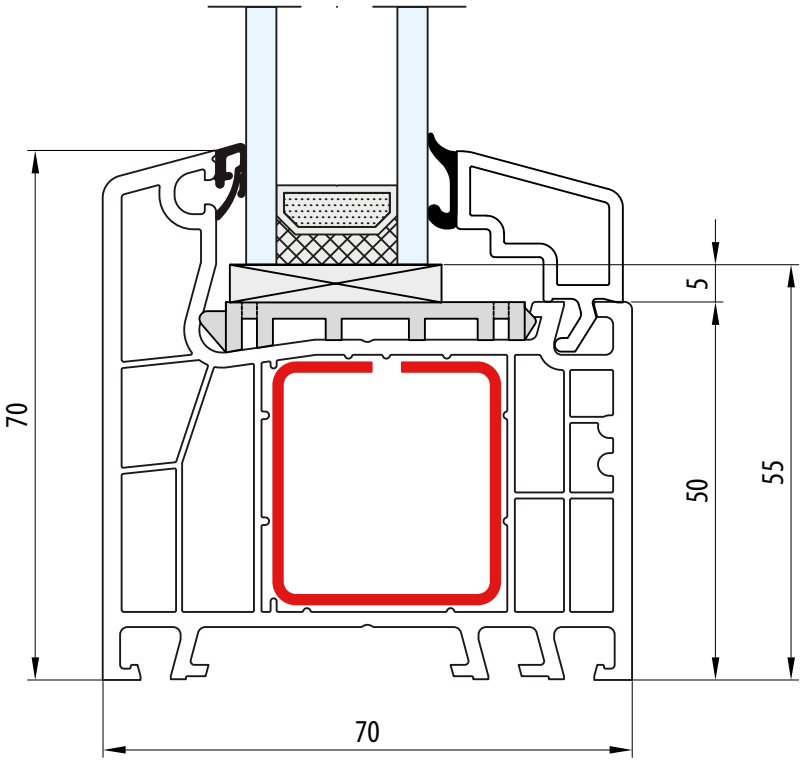


- Rama: 65 mm · Skrzydło: 77 mm
- Dormant: 65 mm · Vantail: 77 mm
- Frame: 65 mm · Sash: 77 mm
- Rahmen: 65 mm · Flügel: 77 mm
- Telaio: 65 mm · Anta: 77 mm
- Kader: 65 mm · Vleugel: 77 mm



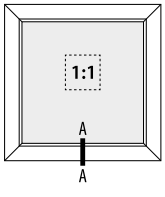
CL

SL
CL
RL



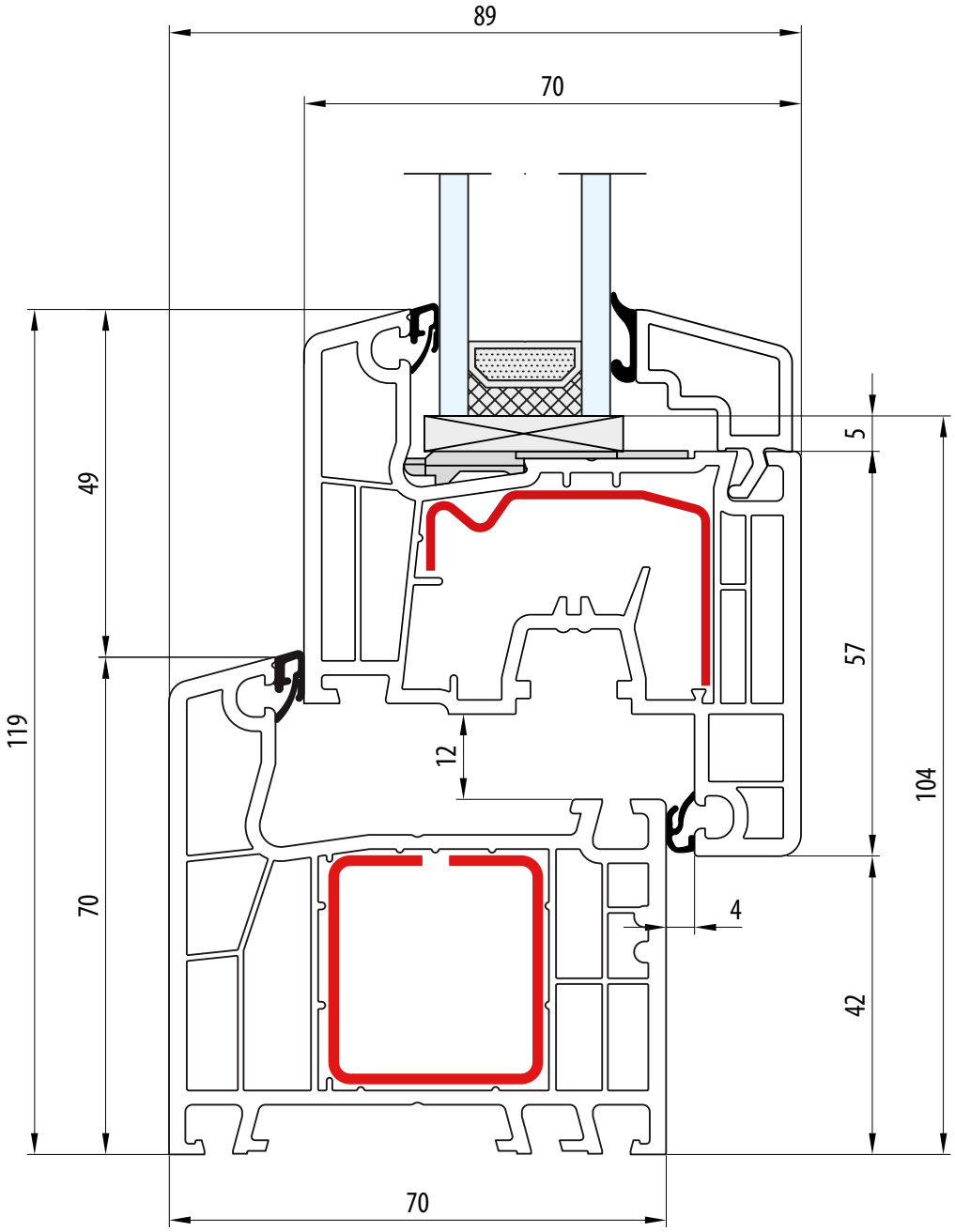
140x07

Rama: 70 mm
Dormant: 70 mm
Frame: 70 mm
Rahmen: 70 mm
Telaio: 70 mm
Kader: 70 mm

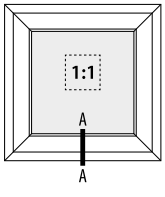


SL
CL

SL
CL
RL

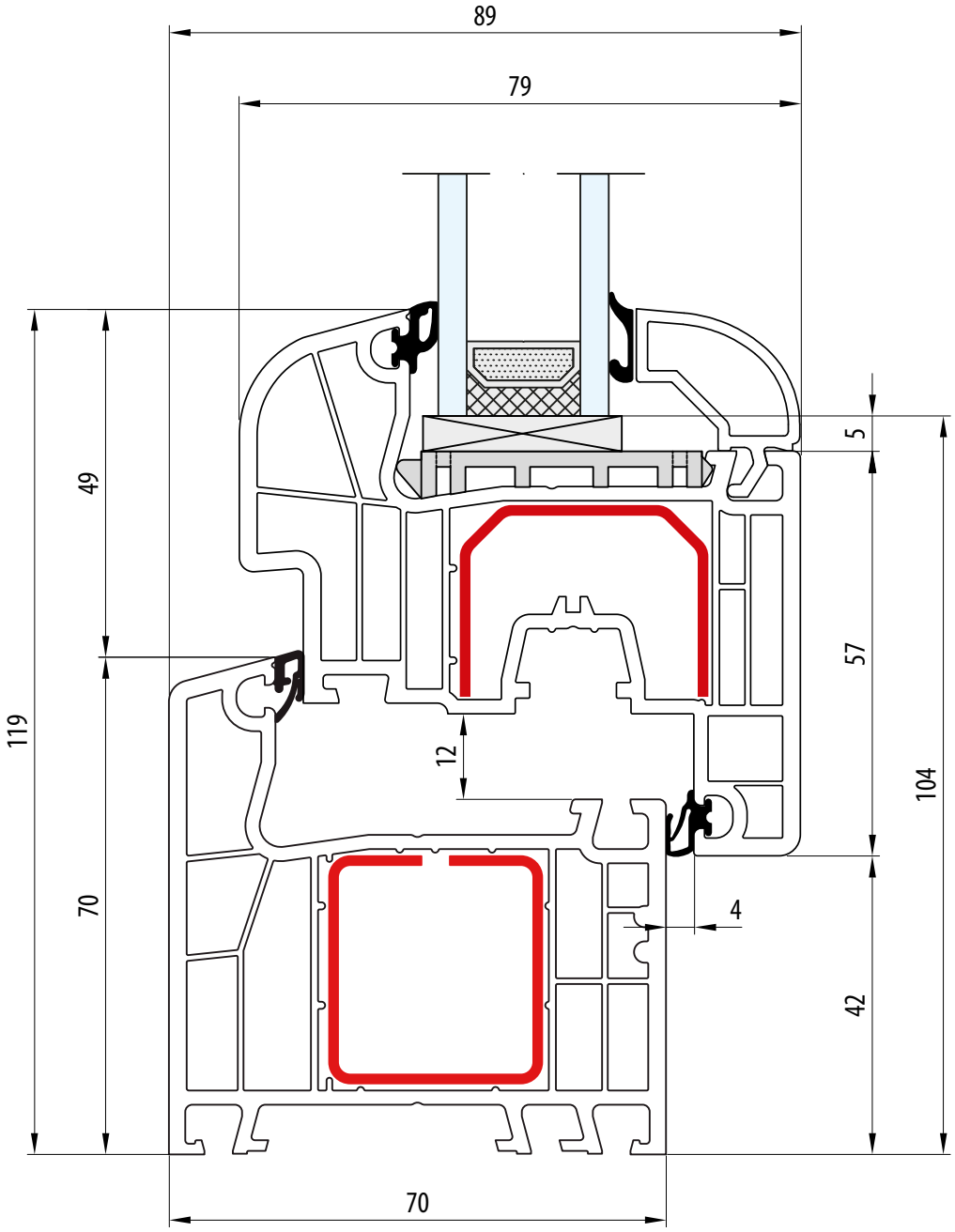


- Rama: 70 mm · Skrzydło: 77 mm
- Dormant: 70 mm · Vantail: 77 mm
- Frame: 70 mm · Sash: 77 mm
- Rahmen: 70 mm · Flügel: 77 mm
- Telaio: 70 mm · Anta: 77 mm
- Kader: 70 mm · Vleugel: 77 mm

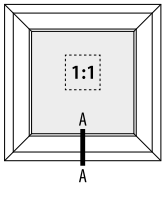


RL

SL
CL
RL

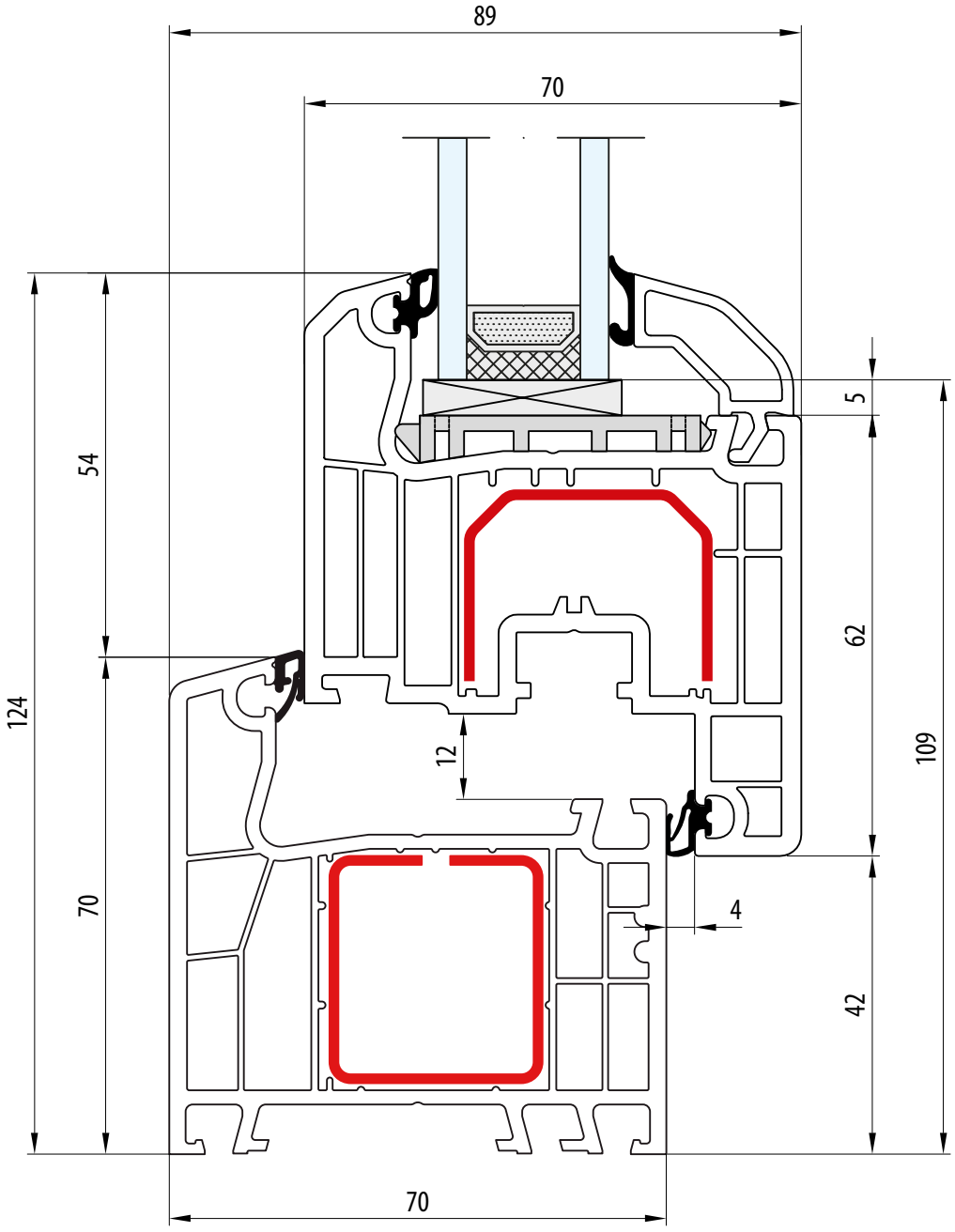


Rama: 70 mm · Skrzydło: 77 mm
Dormant: 70 mm · Vantail: 77 mm
Frame: 70 mm · Sash: 77 mm
Rahmen: 70 mm · Flügel: 77 mm
Telaio: 70 mm · Anta: 77 mm
Kader: 70 mm · Vleugel: 77 mm

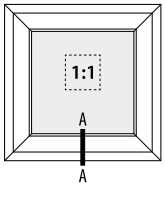


SL

SL
CL
RL

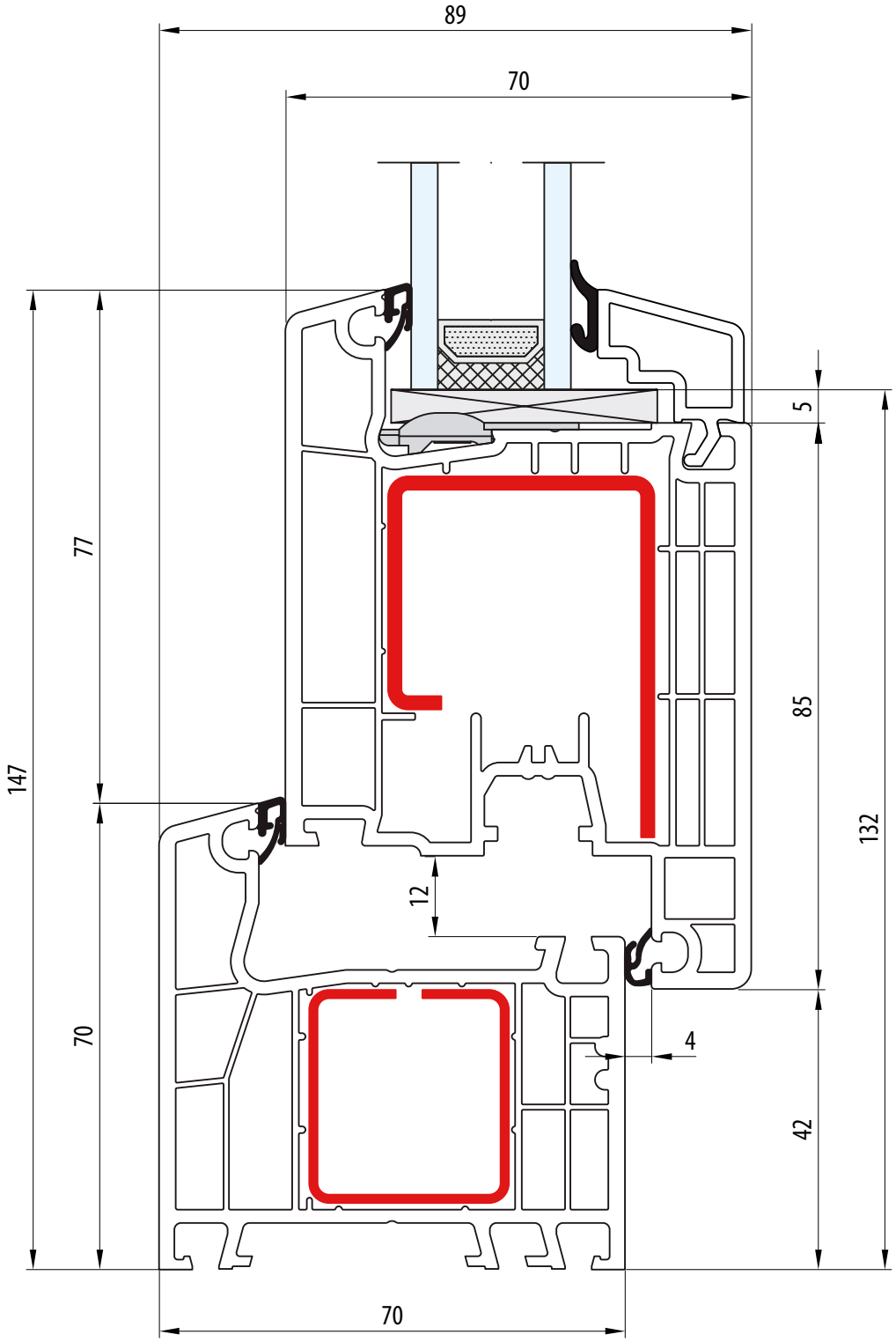


Rama: 70 mm · Skrzydło: 82 mm
Dormant: 70 mm · Vantail: 82 mm
Frame: 70 mm · Sash: 82 mm
Rahmen: 70 mm · Flügel: 82 mm
Telaio: 70 mm · Anta: 82 mm
Kader: 70 mm · Vleugel: 82 mm



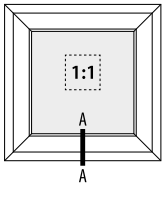
CL

SL
CL
RL



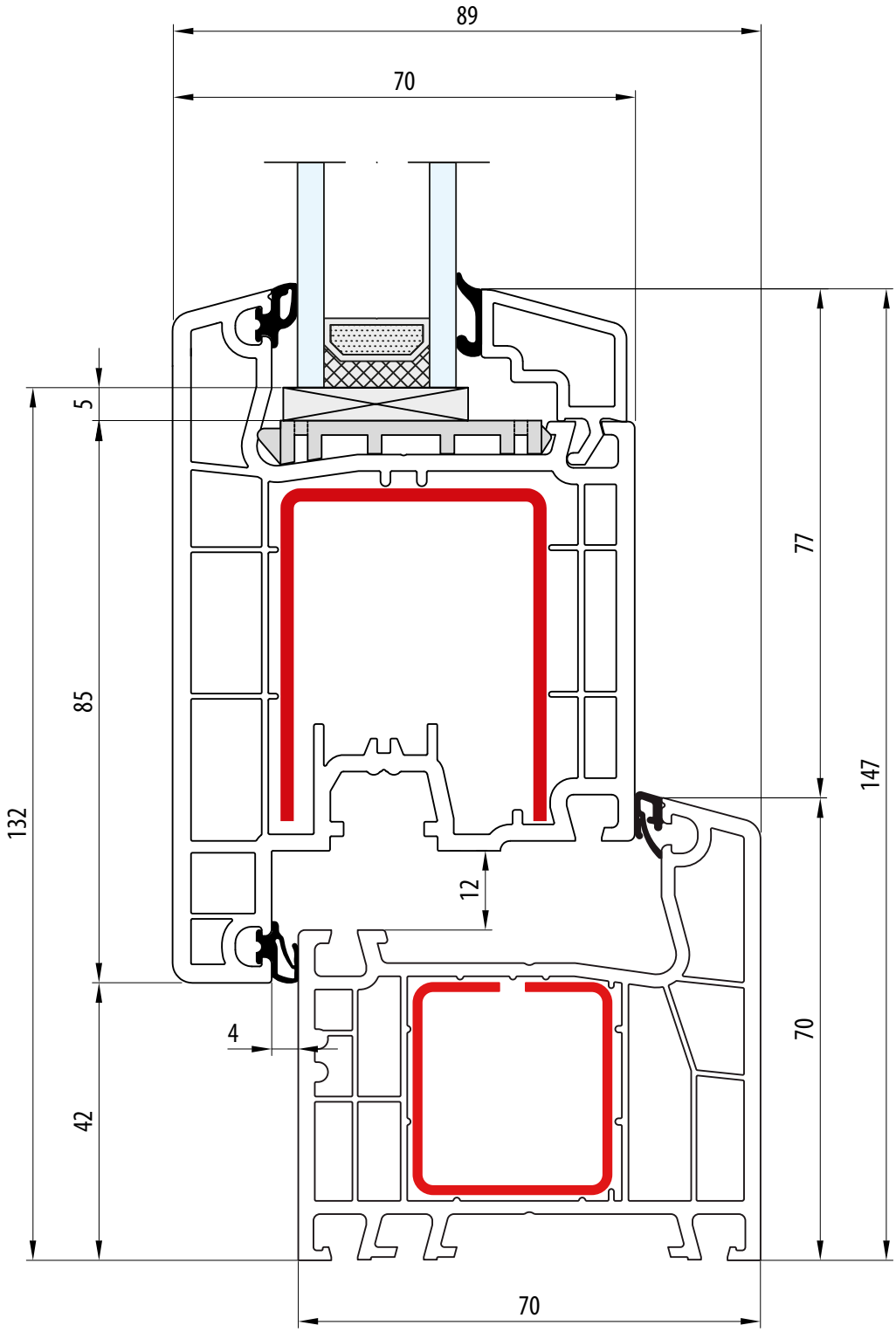
140x07 - 140x30

Rama: 70 mm · Skrzydło: 105 mm
Dormant: 70 mm · Vantail: 105 mm
Frame: 70 mm · Sash: 105 mm
Rahmen: 70 mm · Flügel: 105 mm
Telaio: 70 mm · Anta: 105 mm
Kader: 70 mm · Vleugel: 105 mm

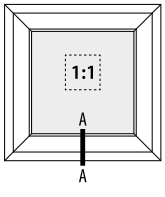


CL

SL
CL
RL

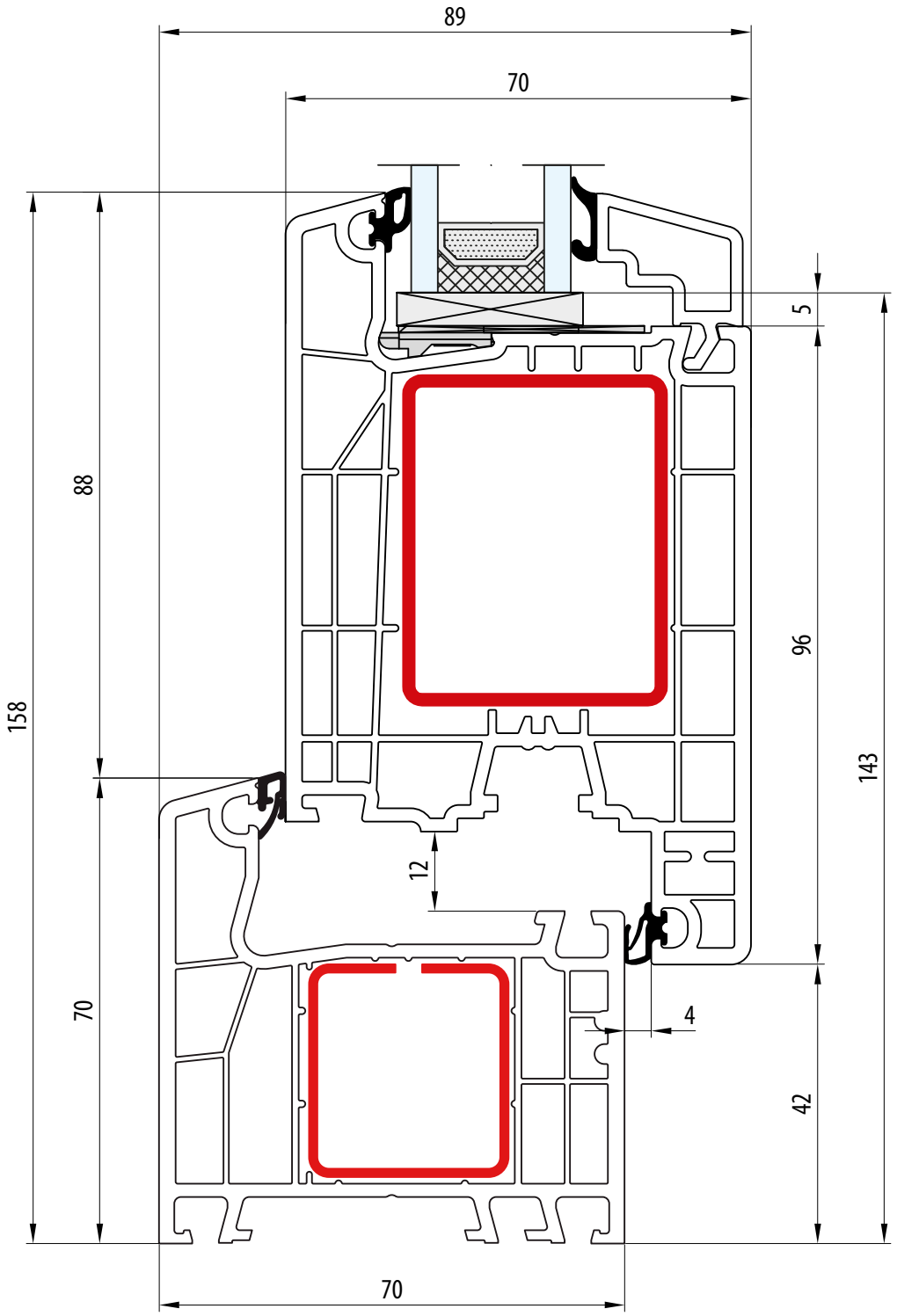


- Rama: 70 mm · Skrzydło: 105 mm
- Dormant: 70 mm · Vantail: 105 mm
- Frame: 70 mm · Sash: 105 mm
- Rahmen: 70 mm · Flügel: 105 mm
- Telaio: 70 mm · Anta: 105 mm
- Kader: 70 mm · Vleugel: 105 mm



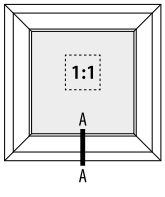
CL

SL
CL
RL



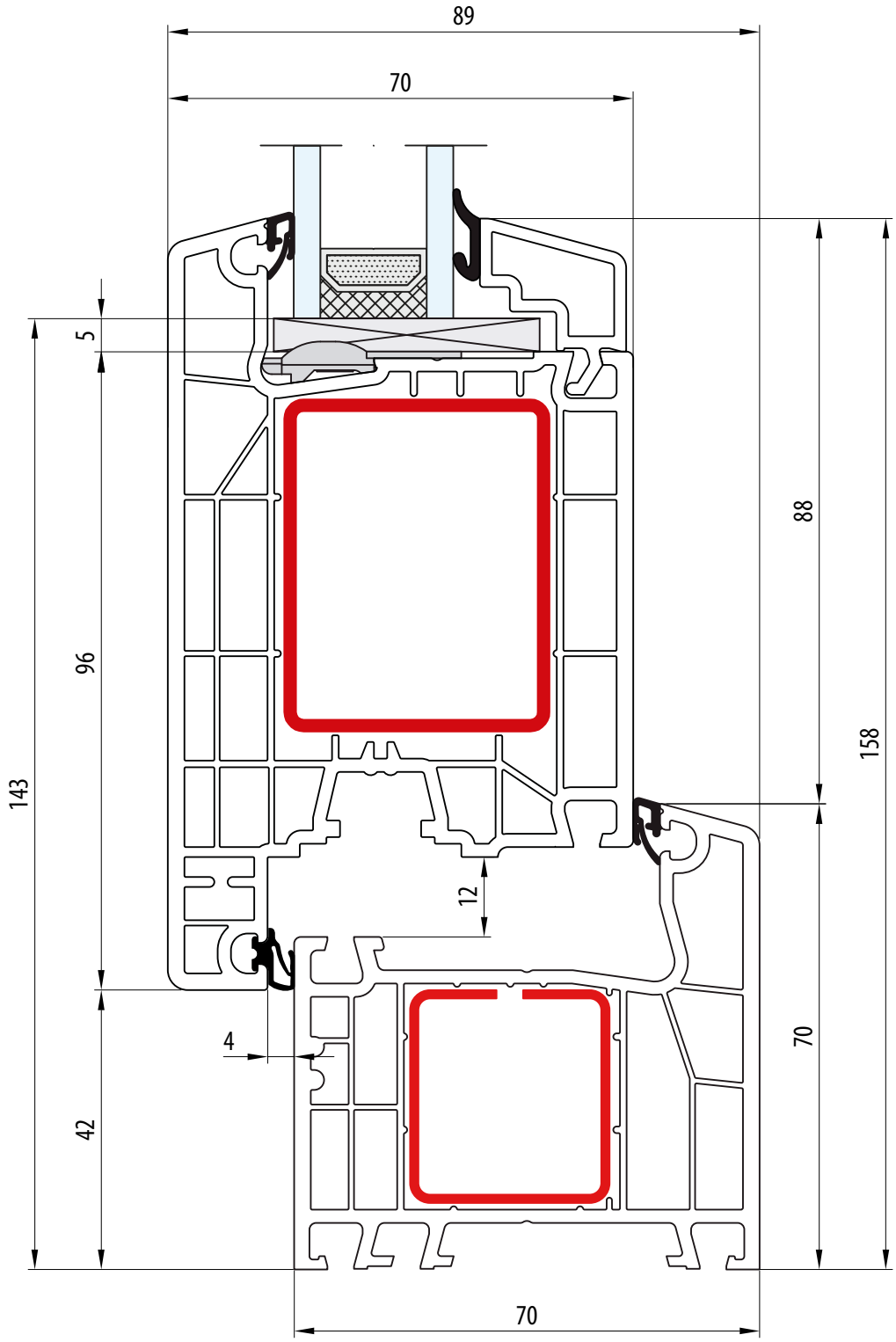
140x07 - 140x33

Rama: 70 mm · Skrzydło: 116 mm
Dormant: 70 mm · Vantail: 116 mm
Frame: 70 mm · Sash: 116 mm
Rahmen: 70 mm · Flügel: 116 mm
Telaio: 70 mm · Anta: 116 mm
Kader: 70 mm · Vleugel: 116 mm

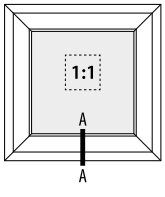


CL

SL
CL
RL

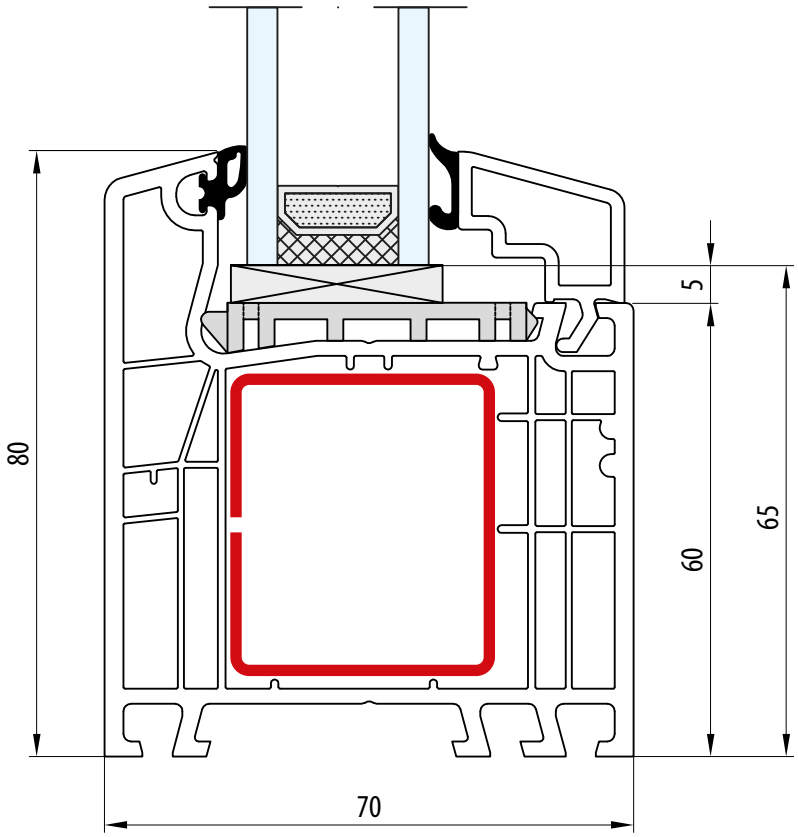


- Rama: 70 mm · Skrzydło: 120 mm
- Dormant: 70 mm · Vantail: 120 mm
- Frame: 70 mm · Sash: 120 mm
- Rahmen: 70 mm · Flügel: 120 mm
- Telaio: 70 mm · Anta: 120 mm
- Kader: 70 mm · Vleugel: 120 mm

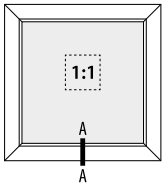


CL

SL
CL
RL

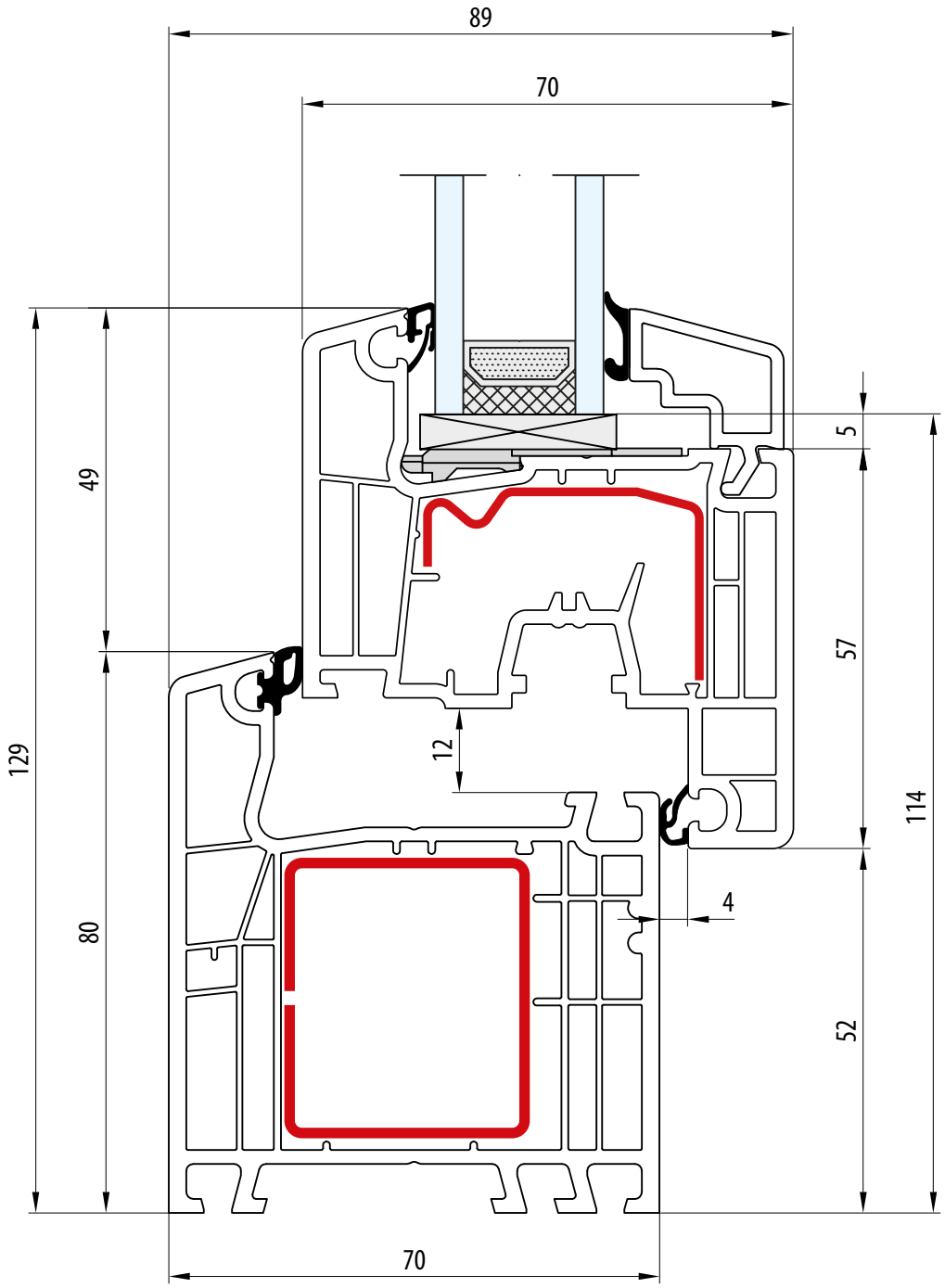


Rama: 80 mm
Dormant: 80 mm
Frame: 80 mm
Rahmen: 80 mm
Telaio: 80 mm
Kader: 80 mm

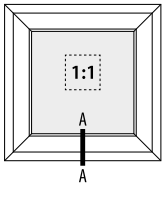


SL
CL

SL
CL
RL

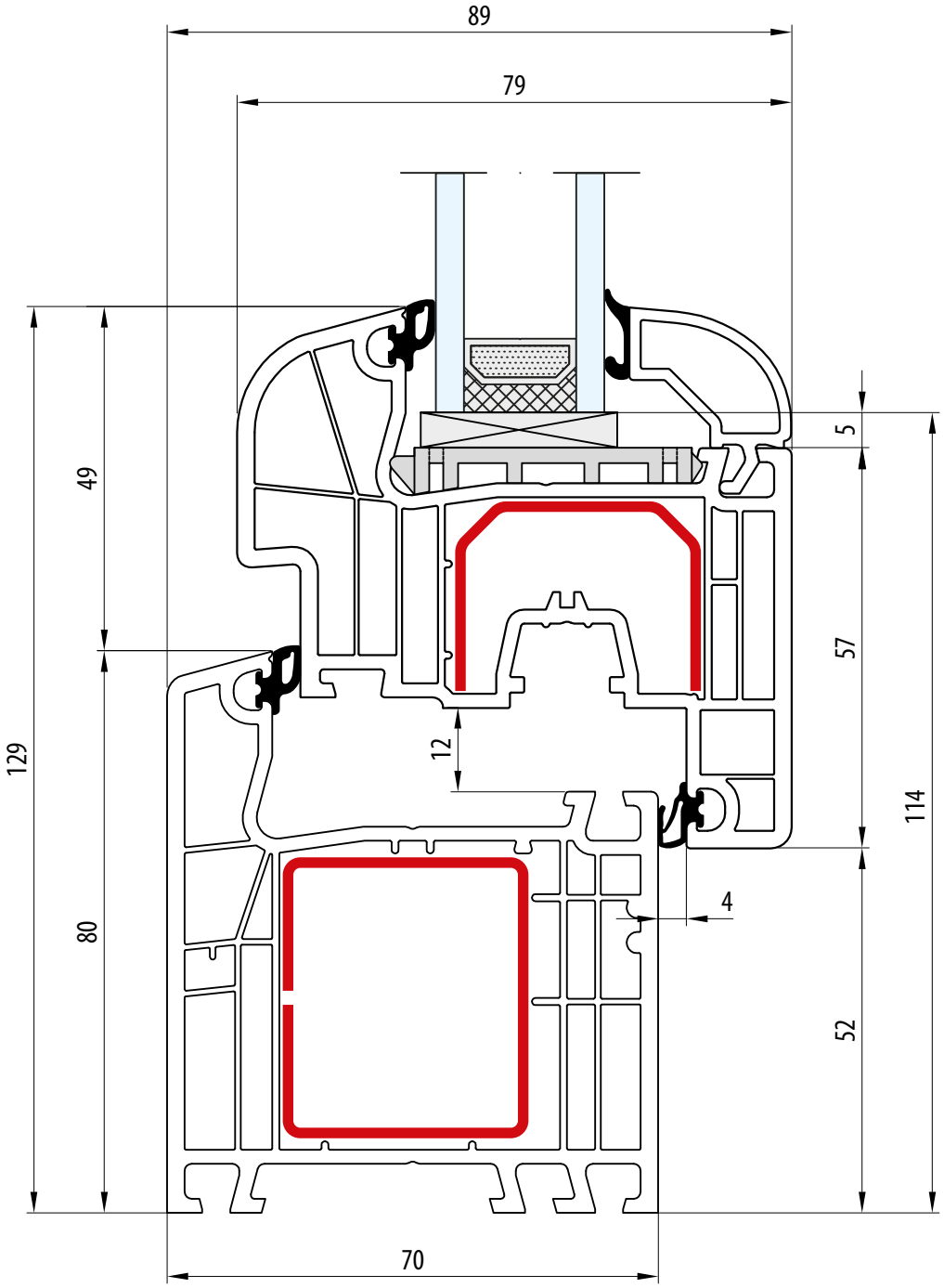


Rama: 80 mm · Skrzydło: 77 mm
Dormant: 80 mm · Vantail: 77 mm
Frame: 80 mm · Sash: 77 mm
Rahmen: 80 mm · Flügel: 77 mm
Telaio: 80 mm · Anta: 77 mm
Kader: 80 mm · Vleugel: 77 mm



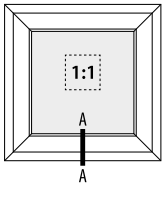
RL

SL
CL
RL



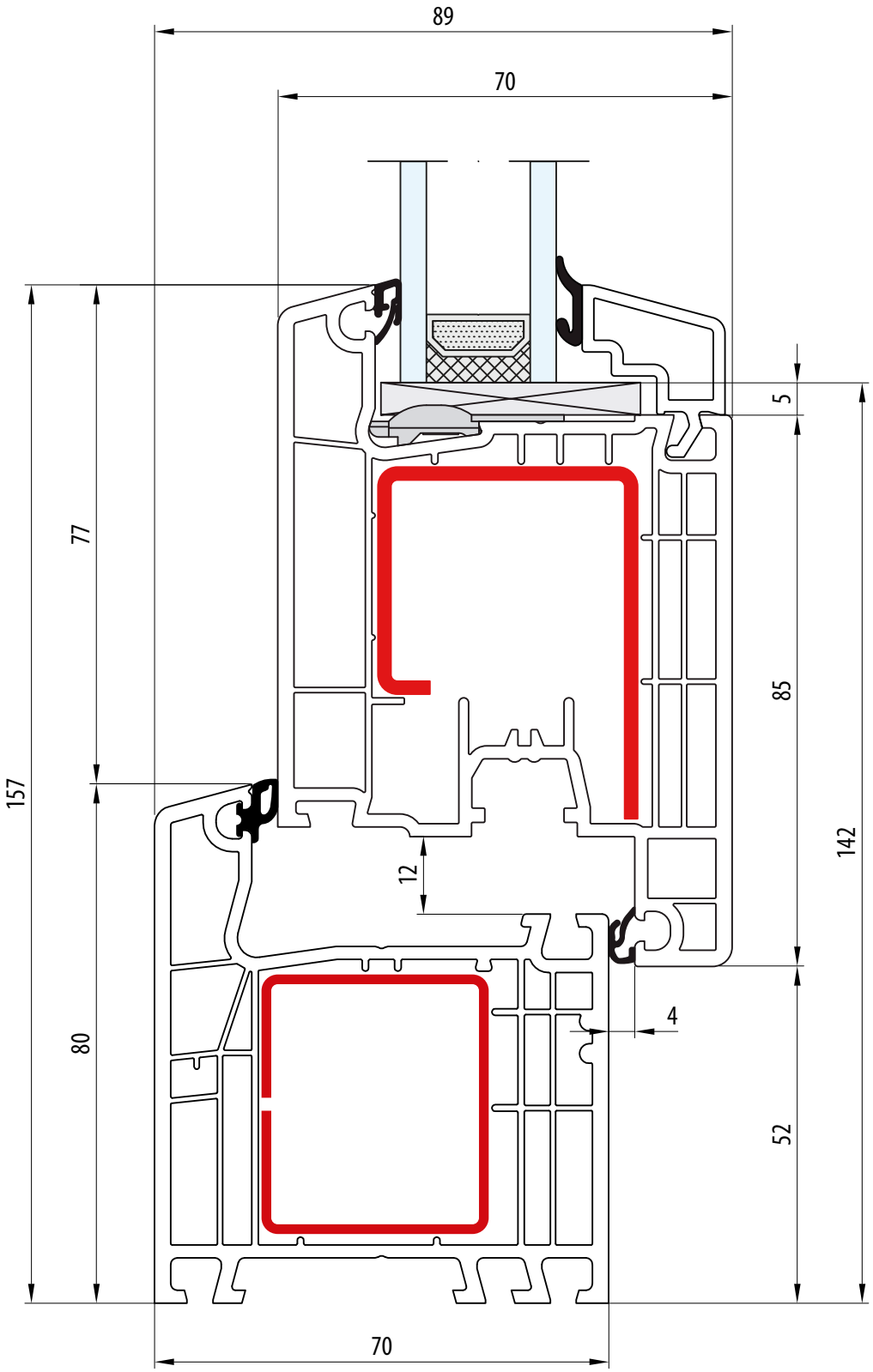
140x03 - 140x22

Rama: 80 mm · Skrzydło: 77 mm
Dormant: 80 mm · Vantail: 77 mm
Frame: 80 mm · Sash: 77 mm
Rahmen: 80 mm · Flügel: 77 mm
Telaio: 80 mm · Anta: 77 mm
Kader: 80 mm · Vleugel: 77 mm

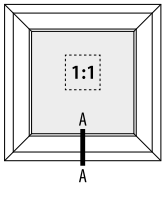






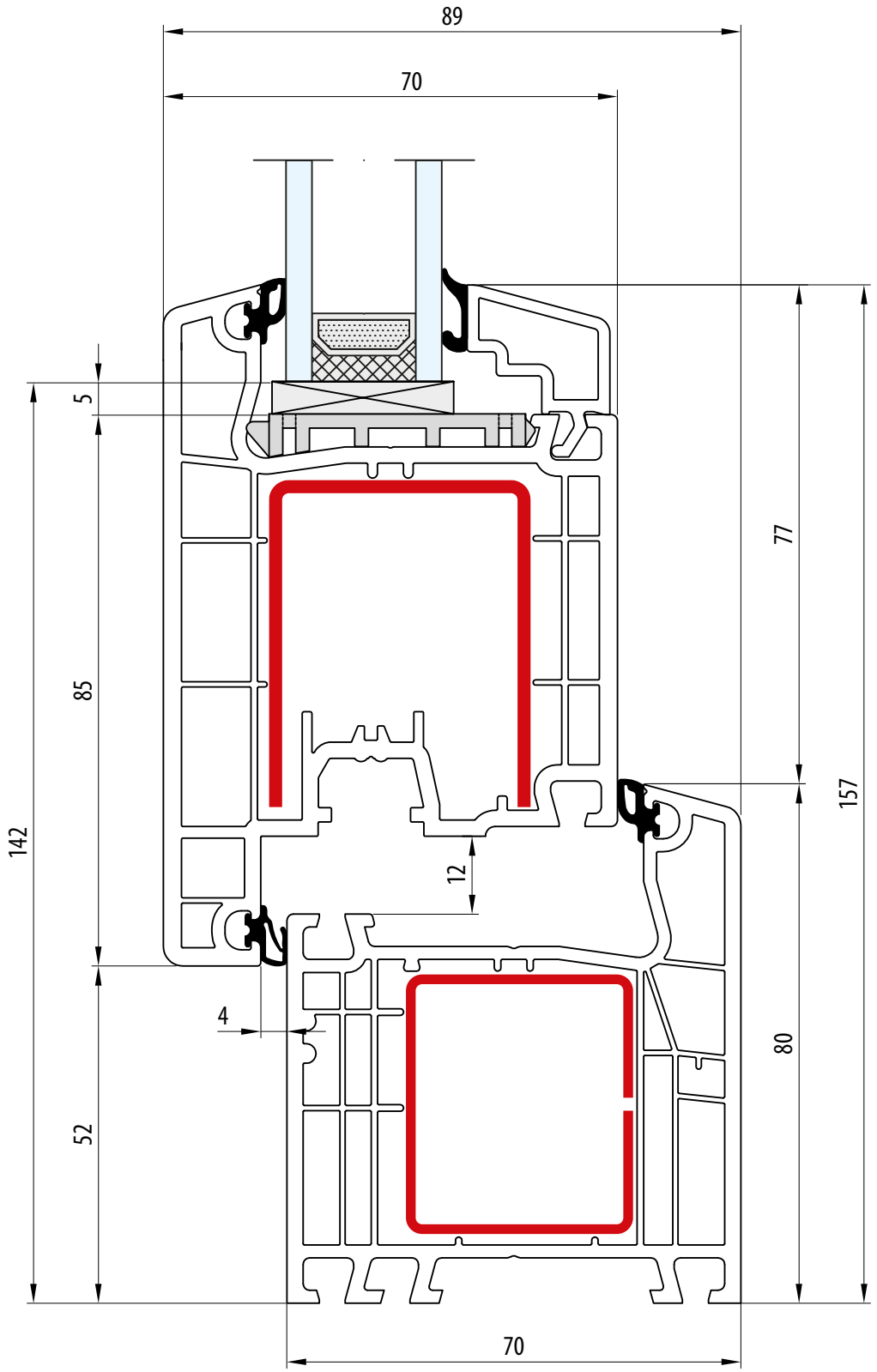



- Rama: 80 mm · Skrzydło: 105 mm
- Dormant: 80 mm · Vantail: 105 mm
- Frame: 80 mm · Sash: 105 mm
- Rahmen: 80 mm · Flügel: 105 mm
- Telaio: 80 mm · Anta: 105 mm
- Kader: 80 mm · Vleugel: 105 mm

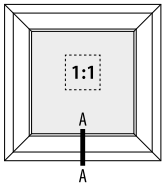


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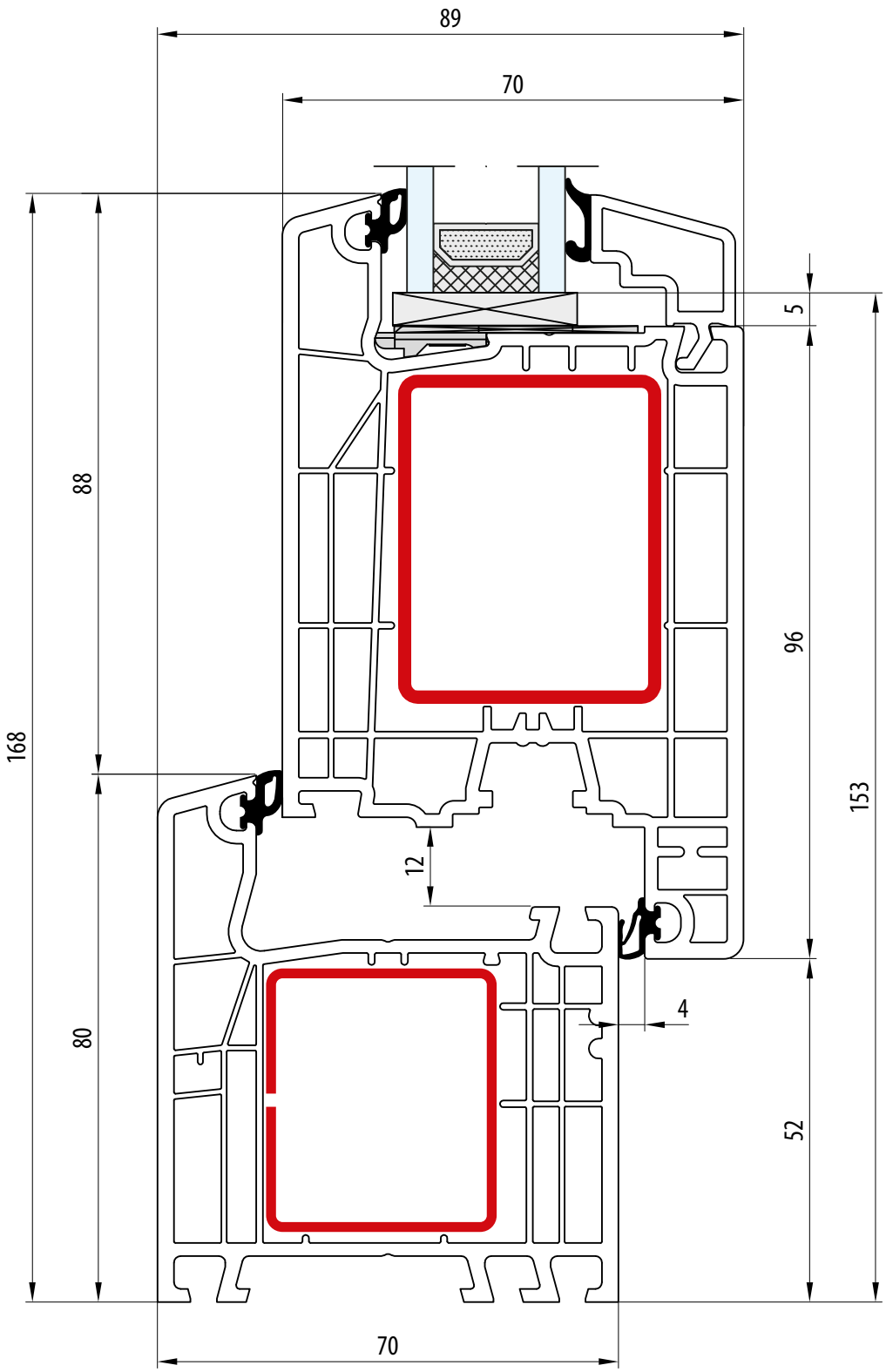


- Rama: 80 mm · Skrzydło: 105 mm
- Dormant: 80 mm · Vantail: 105 mm
- Frame: 80 mm · Sash: 105 mm
- Rahmen: 80 mm · Flügel: 105 mm
- Telaio: 80 mm · Anta: 105 mm
- Kader: 80 mm · Vleugel: 105 mm

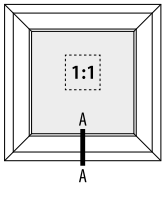


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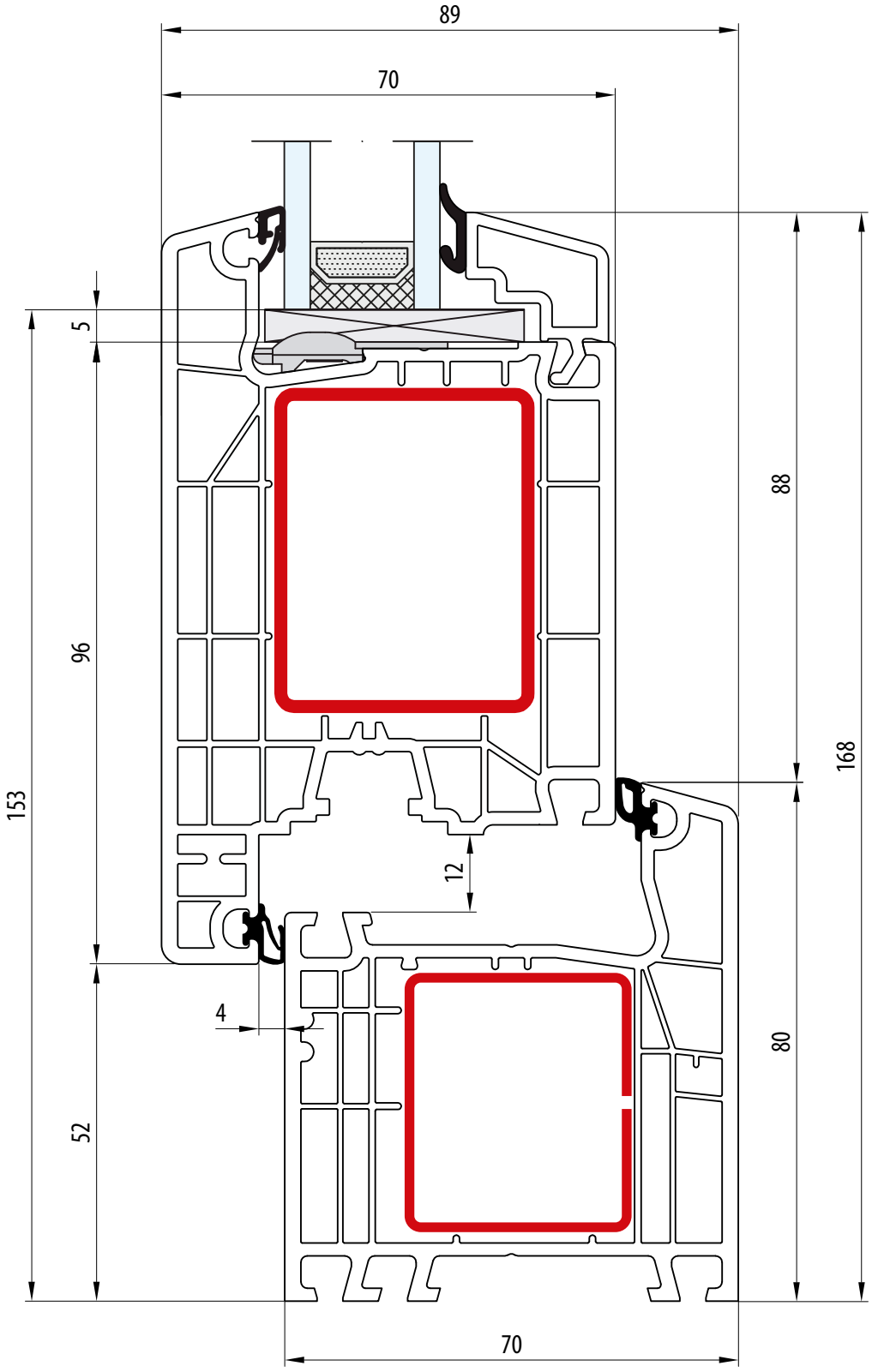


- Rama: 80 mm · Skrzydło: 116 mm
- Dormant: 80 mm · Vantail: 116 mm
- Frame: 80 mm · Sash: 116 mm
- Rahmen: 80 mm · Flügel: 116 mm
- Telaio: 80 mm · Anta: 116 mm
- Kader: 80 mm · Vleugel: 116 mm



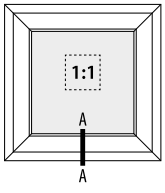
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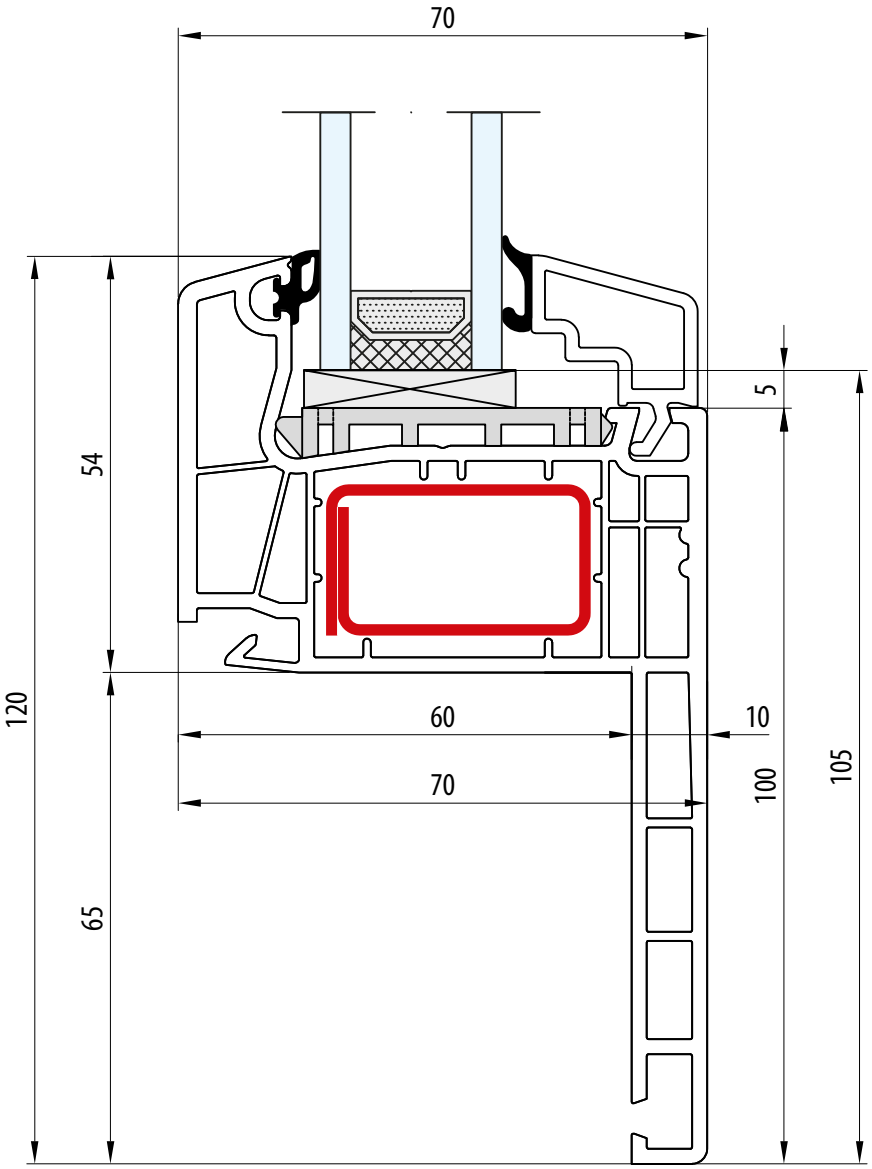
140x03 - 140x35

Rama: 80 mm · Skrzydło: 120 mm
Dormant: 80 mm · Vantail: 120 mm
Frame: 80 mm · Sash: 120 mm
Rahmen: 80 mm · Flügel: 120 mm
Telaio: 80 mm · Anta: 120 mm
Kader: 80 mm · Vleugel: 120 mm

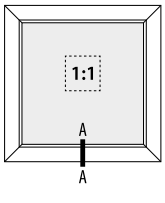


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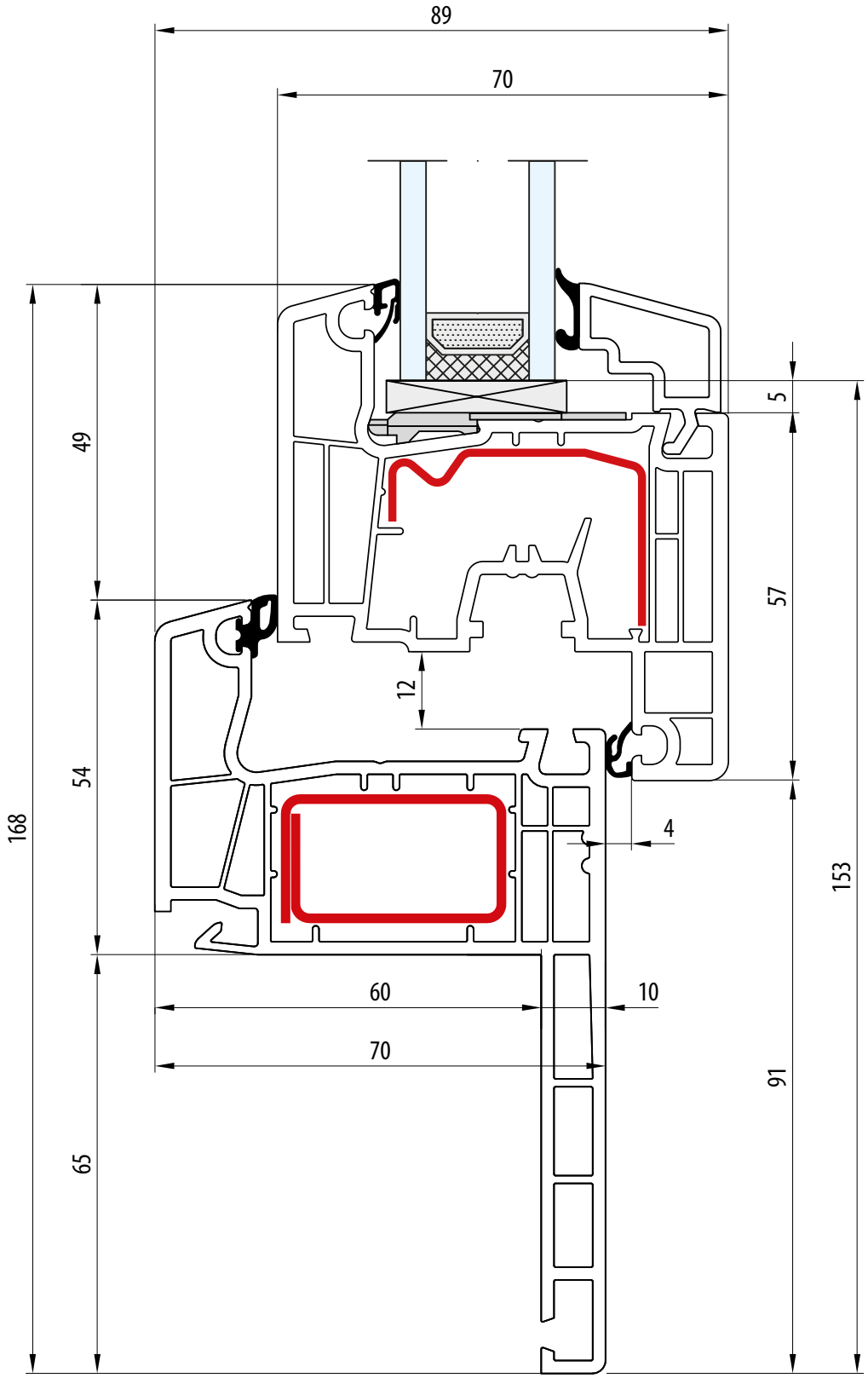


RENOWACJA - Płetwa: 65 mm · Rama: 54 mm
RÉNOVATION - Lip: 65 mm · Dormant: 54 mm
RENOVATION - Strip: 65 mm · Frame: 54 mm
RENOVIERUNG - Flosse: 65 mm · Rahmen: 54 mm
RINNOVAZIONE - Aletta da: 65 mm · Telaio: 54 mm
RENOVATIE - Vin: 65 mm · Kader 54 mm

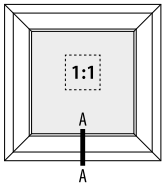


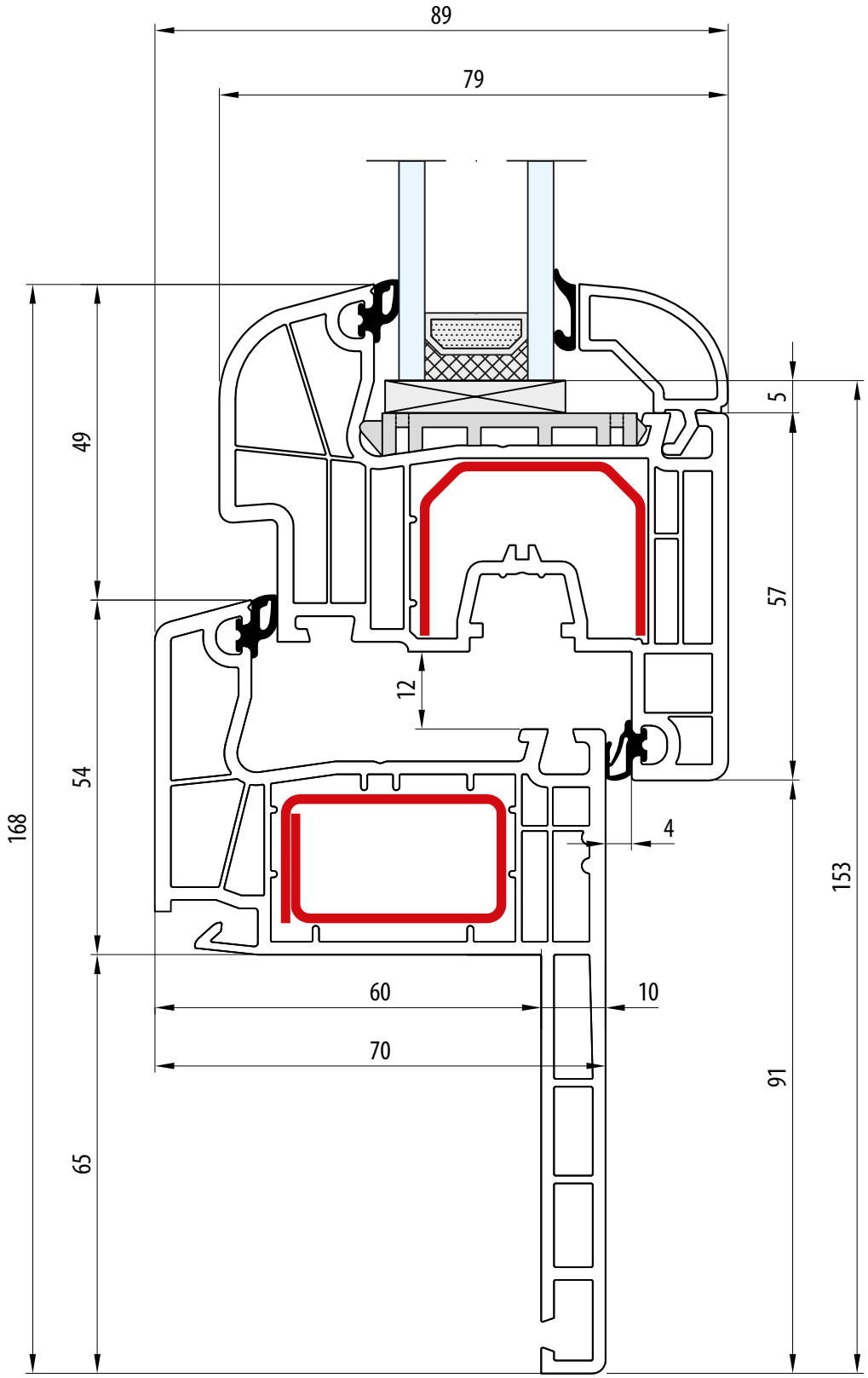
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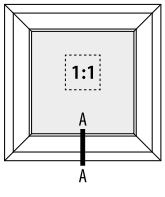


RENOWACJA - Płetwa: 65 mm · Rama: 54 mm · Skrzydło: 77 mm
RÉNOVATION - Lip: 65 mm · Dormant: 54 mm · Vantail: 77 mm
RENOVATION - Strip: 65 mm · Frame: 54 mm · Sash: 77 mm
RENOVIERUNG - Flosse: 65 mm · Rahmen: 54 mm · Flügel: 77 mm
RINNOVAZIONE - Aletta da: 65 mm · Telaio: 54 mm · Anta: 77 mm
RENOVATIE - Vin: 65 mm · Kader: 54 mm · Vleugel 77 mm



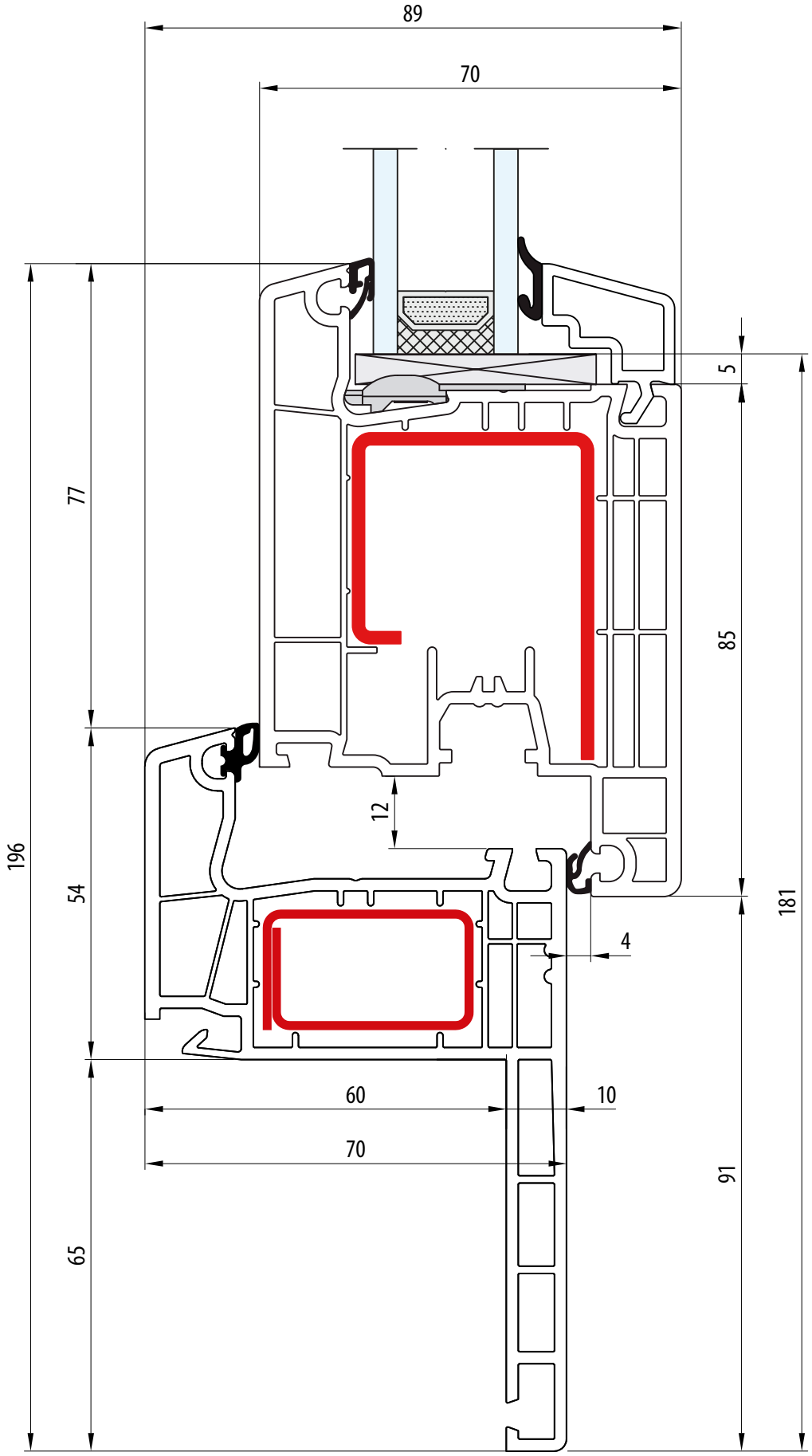


RENOWACJA - Płetwa: 65 mm · Rama: 54 mm · Skrzydło: 77 mm
RÉNOVATION - Lip: 65 mm · Dormant: 54 mm · Vantail: 77 mm
RENOVATION - Strip: 65 mm · Frame: 54 mm · Sash: 77 mm
RENOVIERUNG - Flosse: 65 mm · Rahmen: 54 mm · Flügel: 77 mm
RINNOVAZIONE - Aletta da: 65 mm · Telaio: 54 mm · Anta: 77 mm
RENOVATIE - Vin: 65 mm · Kader: 54 mm · Vleugel: 77 mm

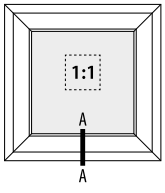


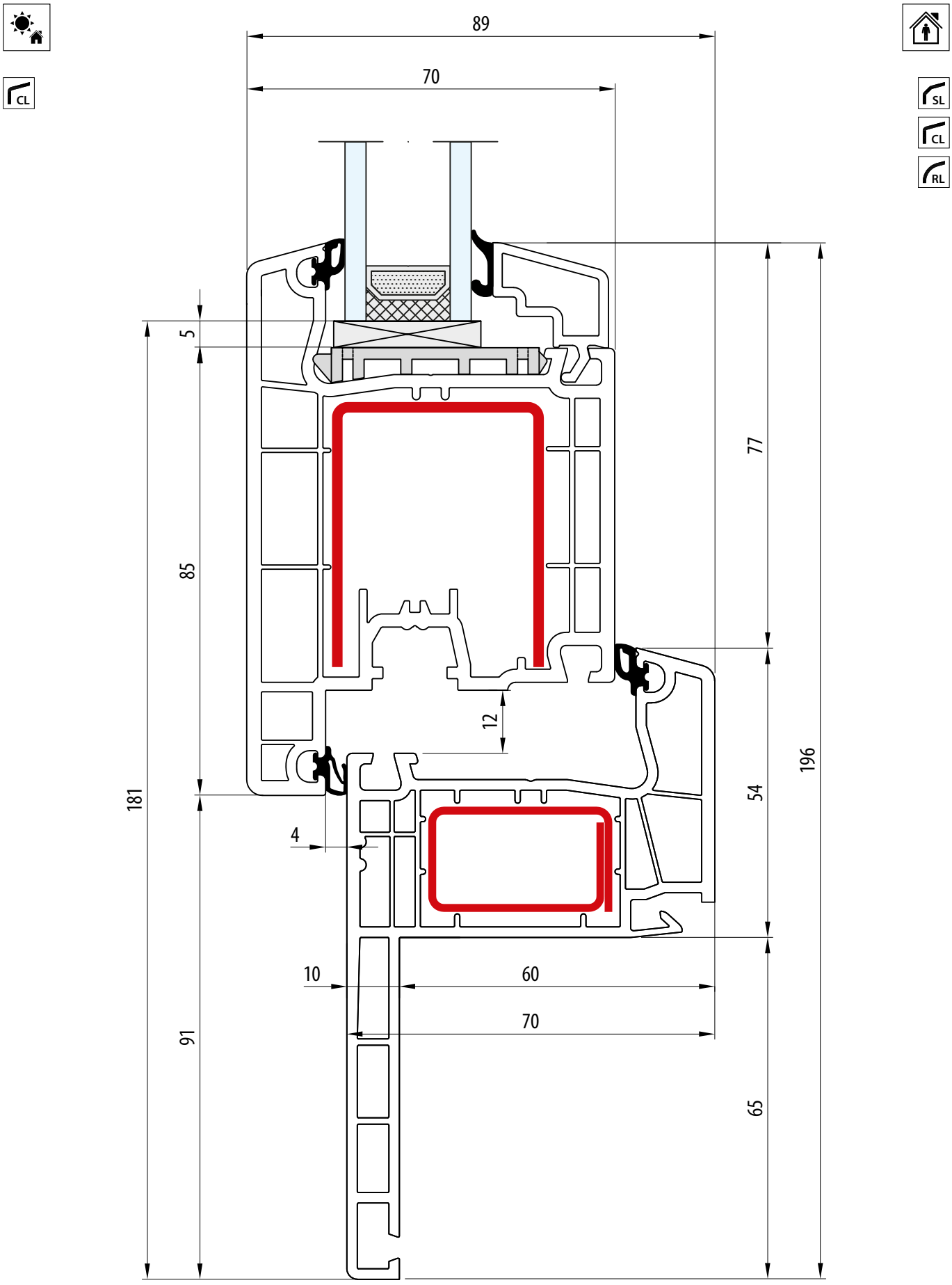
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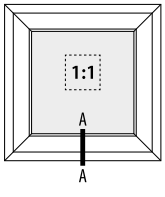


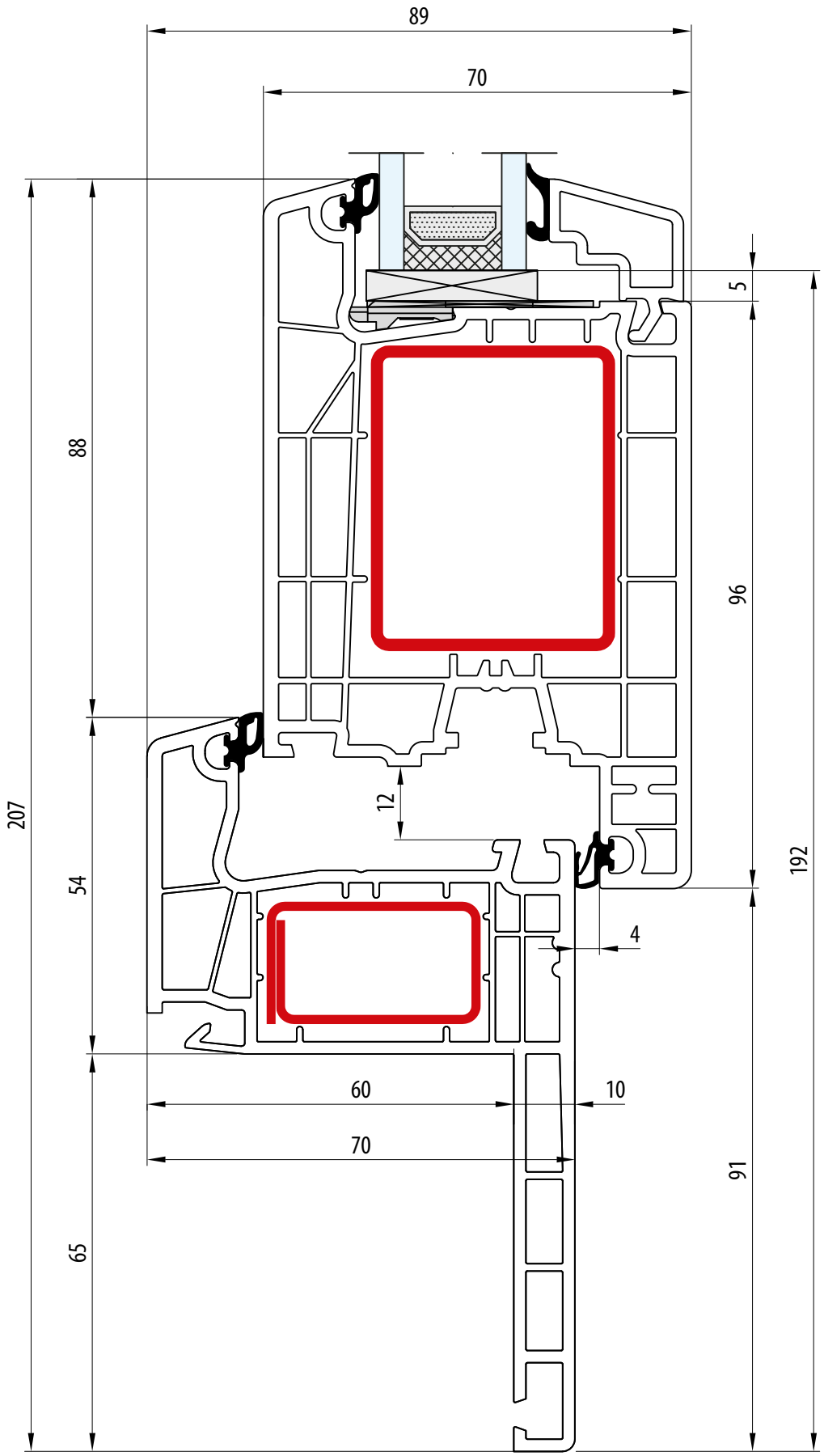
RENOWACJA - Płetwa: 65 mm · Rama: 54 mm · Skrzydło: 105 mm
RÉNOVATION - Lip: 65 mm · Dormant: 54 mm · Vantail: 105 mm
RENOVATION - Strip: 65 mm · Frame: 54 mm · Sash: 105 mm
RENOVIERUNG - Flosse: 65 mm · Rahmen: 54 mm · Flügel: 105 mm
RINNOVAZIONE - Aletta da: 65 mm · Telaio: 54 mm · Anta: 105 mm
RENOVATIE - Vin: 65 mm · Kader: 54 mm · Vleugel: 105 mm



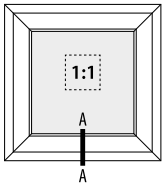


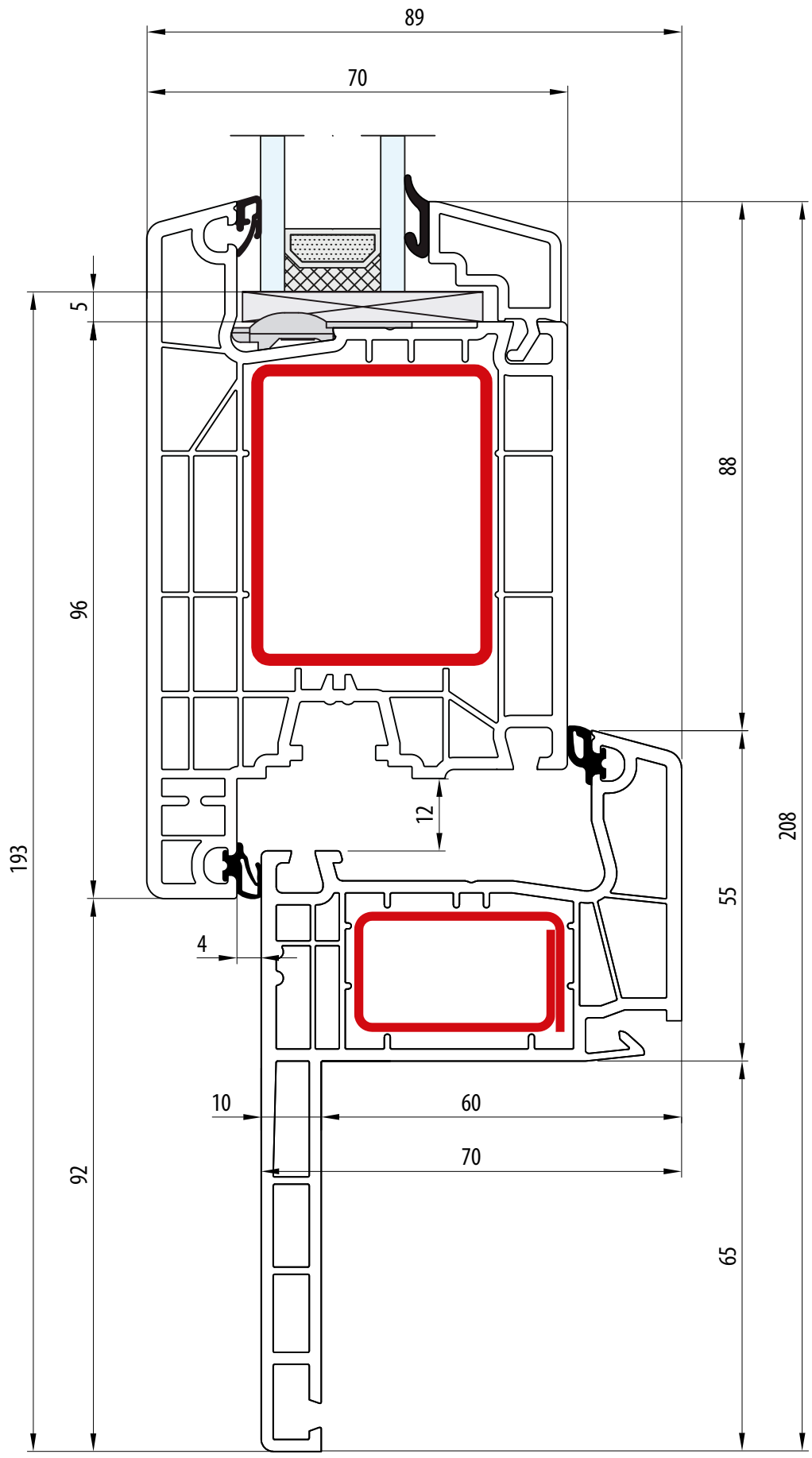
RENOWACJA - Płetwa: 65 mm · Rama: 54 mm · Skrzydło: 105 mm
RÉNOVATION - Lip: 65 mm · Dormant: 54 mm · Vantail: 105 mm
RENOVATION - Strip: 65 mm · Frame: 54 mm · Sash: 105 mm
RENOVIERUNG - Flosse: 65 mm · Rahmen: 54 mm · Flügel: 105 mm
RINNOVAZIONE - Aletta da: 65 mm · Telaio: 54 mm · Anta: 105 mm
RENOVATIE - Vin: 65 mm · Kader: 54 mm · Vleugel: 105 mm



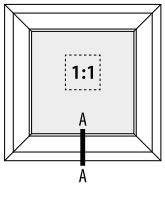


RENOWACJA - Płetwa: 65 mm · Rama: 54 mm · Skrzydło: 116 mm
RÉNOVATION - Lip: 65 mm · Dormant: 54 mm · Vantail: 116 mm
RENOVATION - Strip: 65 mm · Frame: 54 mm · Sash: 116 mm
RENOVIERUNG - Flosse: 65 mm · Rahmen: 54 mm · Flügel: 116 mm
RINNOVAZIONE - Aletta da: 65 mm · Telaio: 54 mm · Anta: 116 mm
RENOVATIE - Vin: 65 mm · Kader: 54 mm · Vleugel: 116 mm



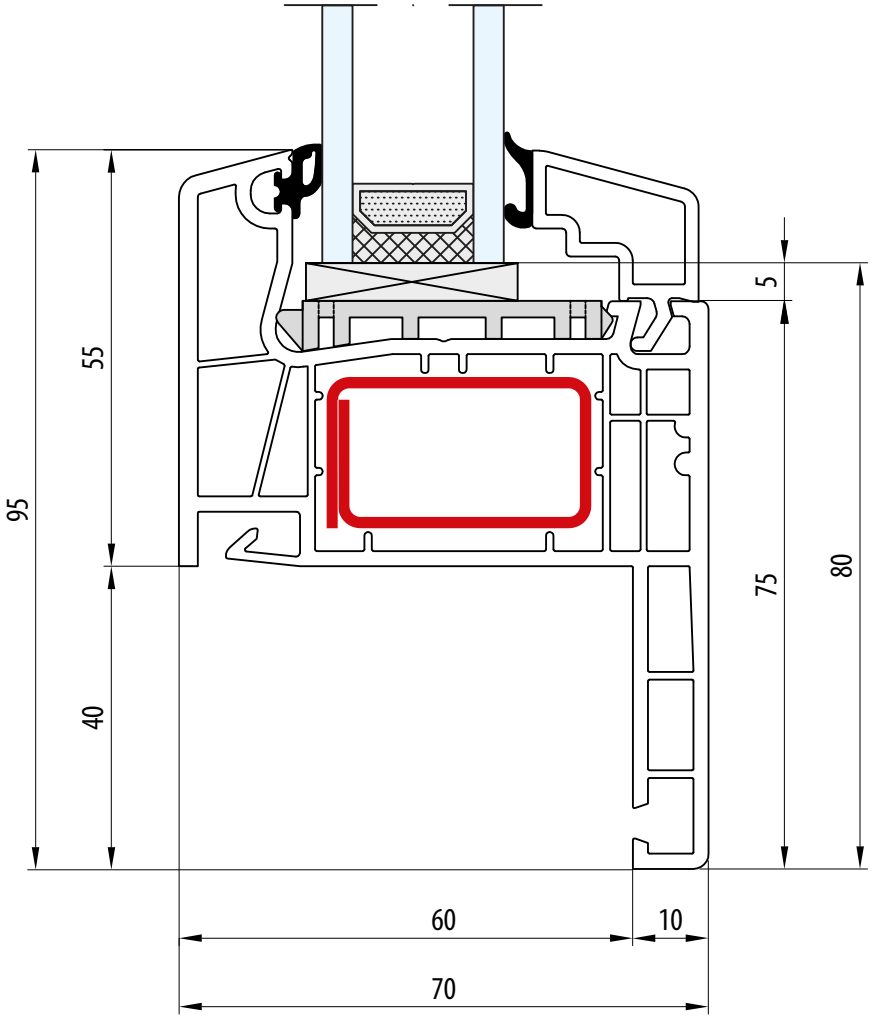


- RENOWACJA - Płetwa: 65 mm · Rama: 54 mm · Skrzydło: 105 mm
- RÉNOVATION - Lip: 65 mm · Dormant: 54 mm · Vantail: 105 mm
- RENOVATION - Strip: 65 mm · Frame: 54 mm · Sash: 105 mm
- RENOVIERUNG - Flosse: 65 mm · Rahmen: 54 mm · Flügel: 105 mm
- RINNOVAZIONE - Aletta da: 65 mm · Telaio: 54 mm · Anta: 105 mm
- RENOVATIE - Vin: 65 mm · Kader: 54 mm · Vleugel: 105 mm

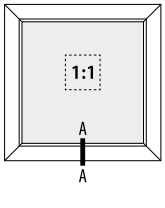


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RENOWACJA - Płetwa: 40 mm · Rama: 55 mm
RÉNOVATION - Lip: 40 mm · Dormant: 55 mm
RENOVATION - Strip: 40 mm · Frame: 55 mm
RENOVIERUNG - Flosse: 40 mm · Rahmen: 55 mm
RINNOVAZIONE - Aletta da: 40 mm · Telaio: 55 mm
RENOVATIE - Vin: 40 mm · Kader: 55 mm

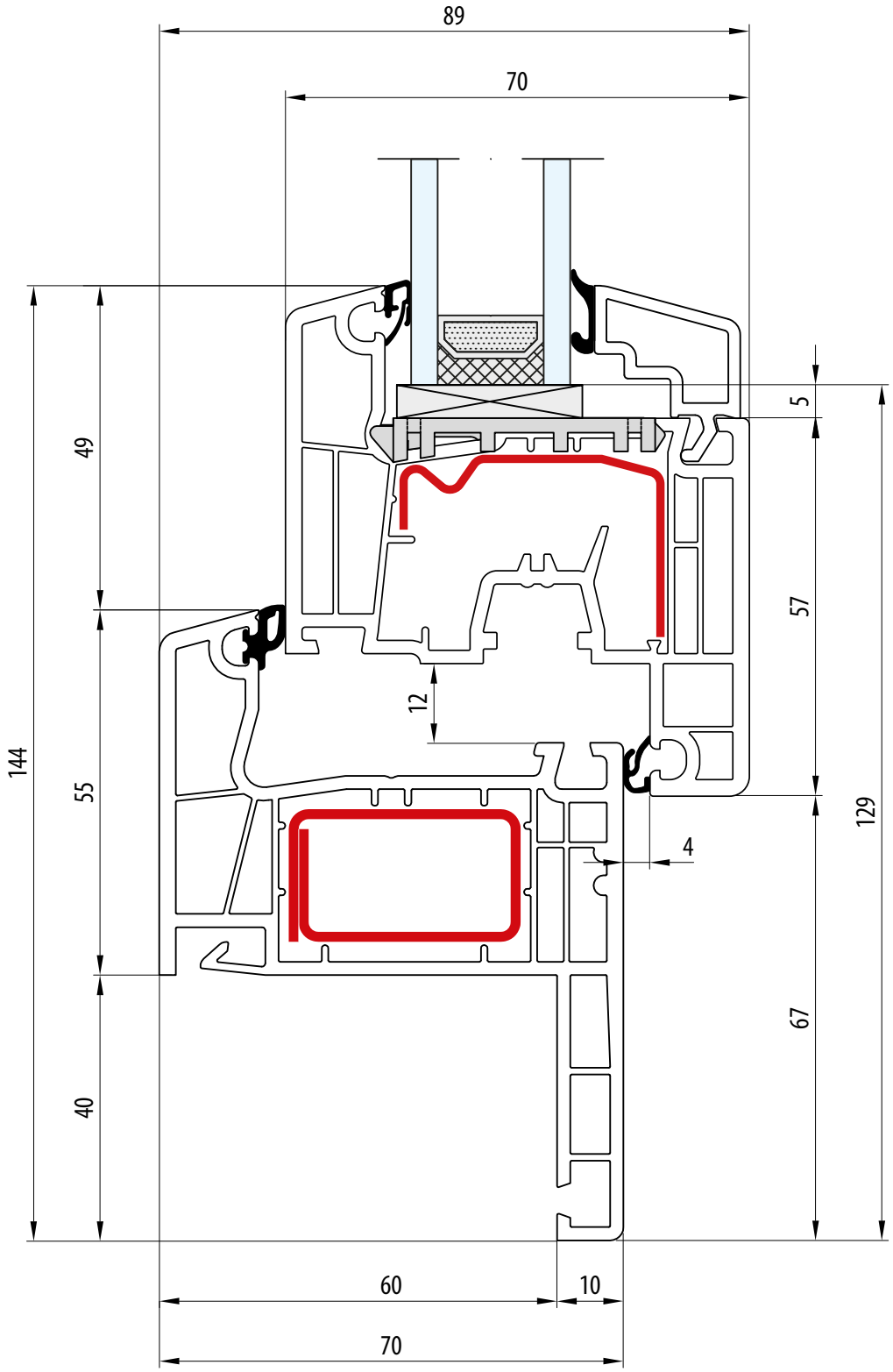




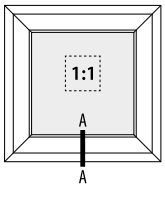


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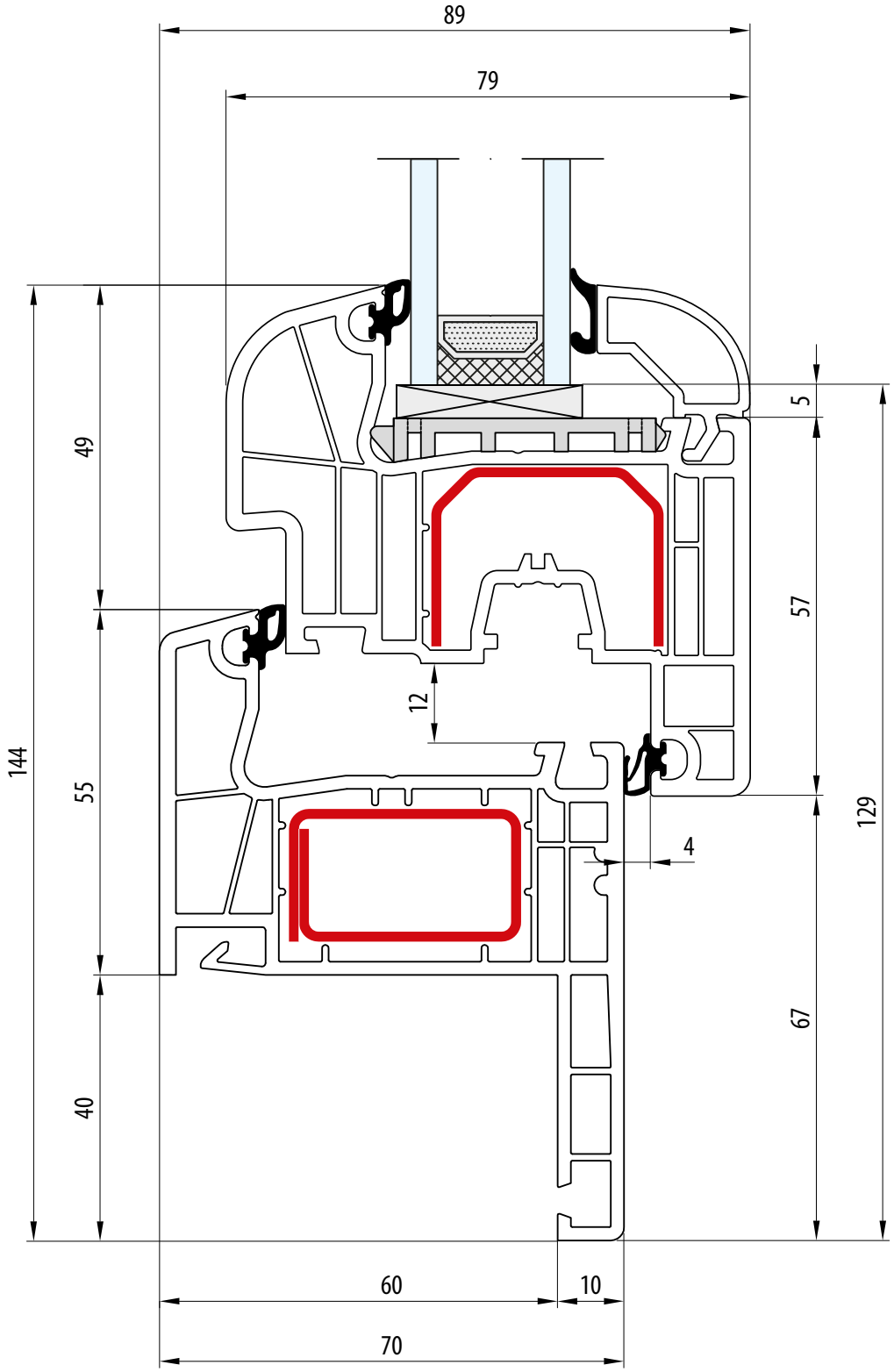


RENOWACJA - Płetwa: 40 mm · Rama: 55 mm · Skrzydło: 77 mm
RÉNOVATION - Lip: 40 mm · Dormant: 55 mm · Vantail: 77 mm
RENOVATION - Strip: 40 mm · Frame: 55 mm · Sash: 77 mm
RENOVIERUNG - Flosse: 40 mm · Rahmen: 55 mm · Flügel: 77 mm
RINNOVAZIONE - Aletta da: 40 mm · Telaio: 55 mm · Anta: 77 mm
RENOVATIE - Vin: 40 mm · Kader: 55 mm · Vleugel: 77 mm

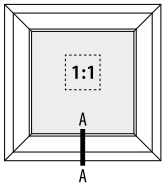


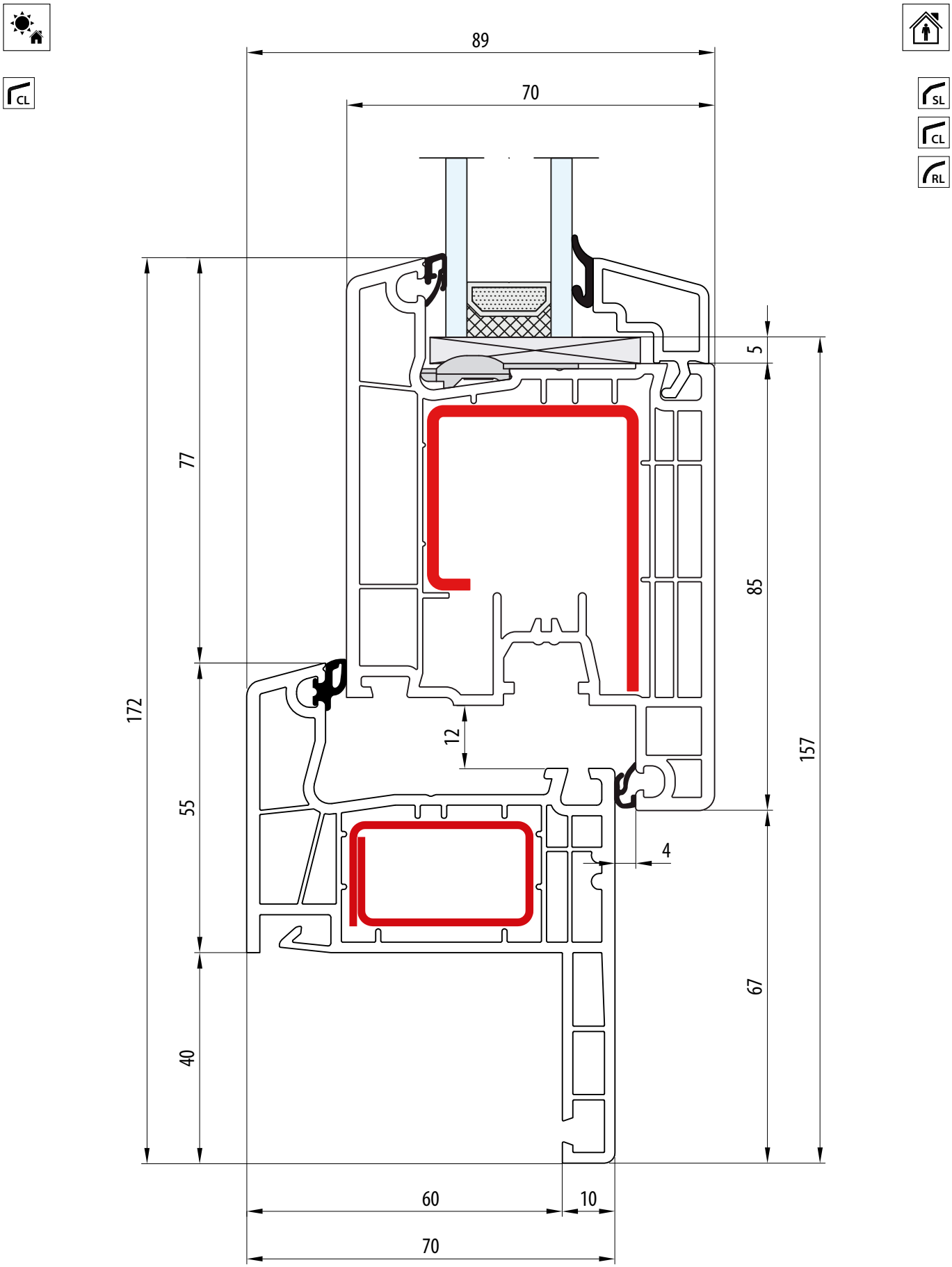
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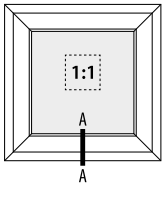


RENOWACJA - Płetwa: 40 mm · Rama: 55 mm · Skrzydło: 77 mm
RÉNOVATION - Lip: 40 mm · Dormant: 55 mm · Vantail: 77 mm
RENOVATION - Strip: 40 mm · Frame: 55 mm · Sash: 77 mm
RENOVIERUNG - Flosse: 40 mm · Rahmen: 55 mm · Flügel: 77 mm
RINNOVAZIONE - Aletta da: 40 mm · Telaio: 55 mm · Anta: 77 mm
RENOVATIE - Vin: 40 mm · Kader: 55 mm · Vleugel: 77 mm



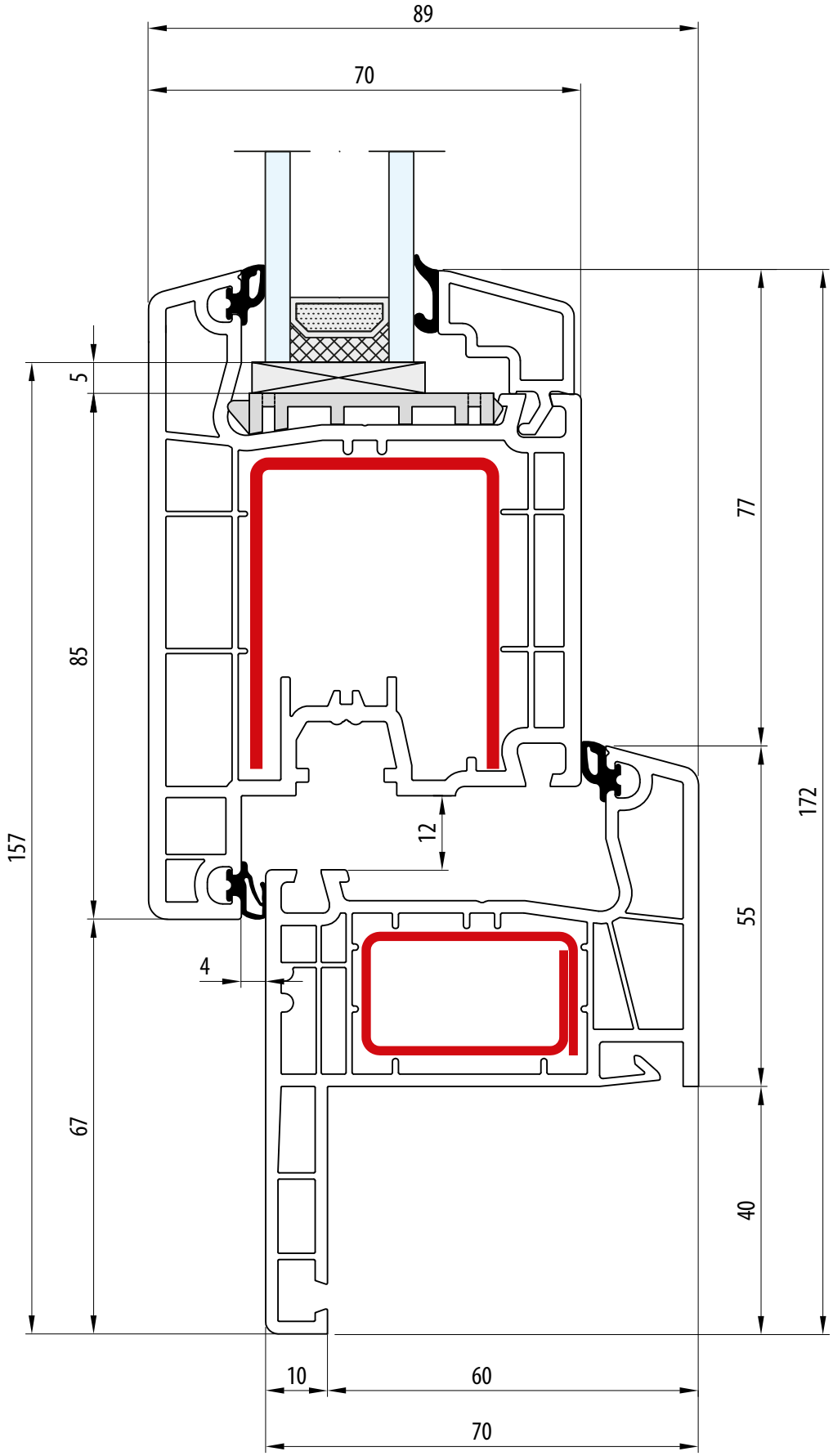


RENOWACJA - Płetwa: 40 mm · Rama: 55 mm · Skrzydło: 105 mm
RÉNOVATION - Lip: 40 mm · Dormant: 55 mm · Vantail: 105 mm
RENOVATION - Strip: 40 mm · Frame: 55 mm · Sash: 105 mm
RENOVIERUNG - Flosse: 40 mm · Rahmen: 55 mm · Flügel: 105 mm
RINNOVAZIONE - Aletta da: 40 mm · Telaio: 55 mm · Anta: 105 mm
RENOVATIE - Vin: 40 mm · Kader: 55 mm · Vleugel: 105 mm

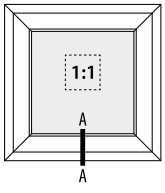


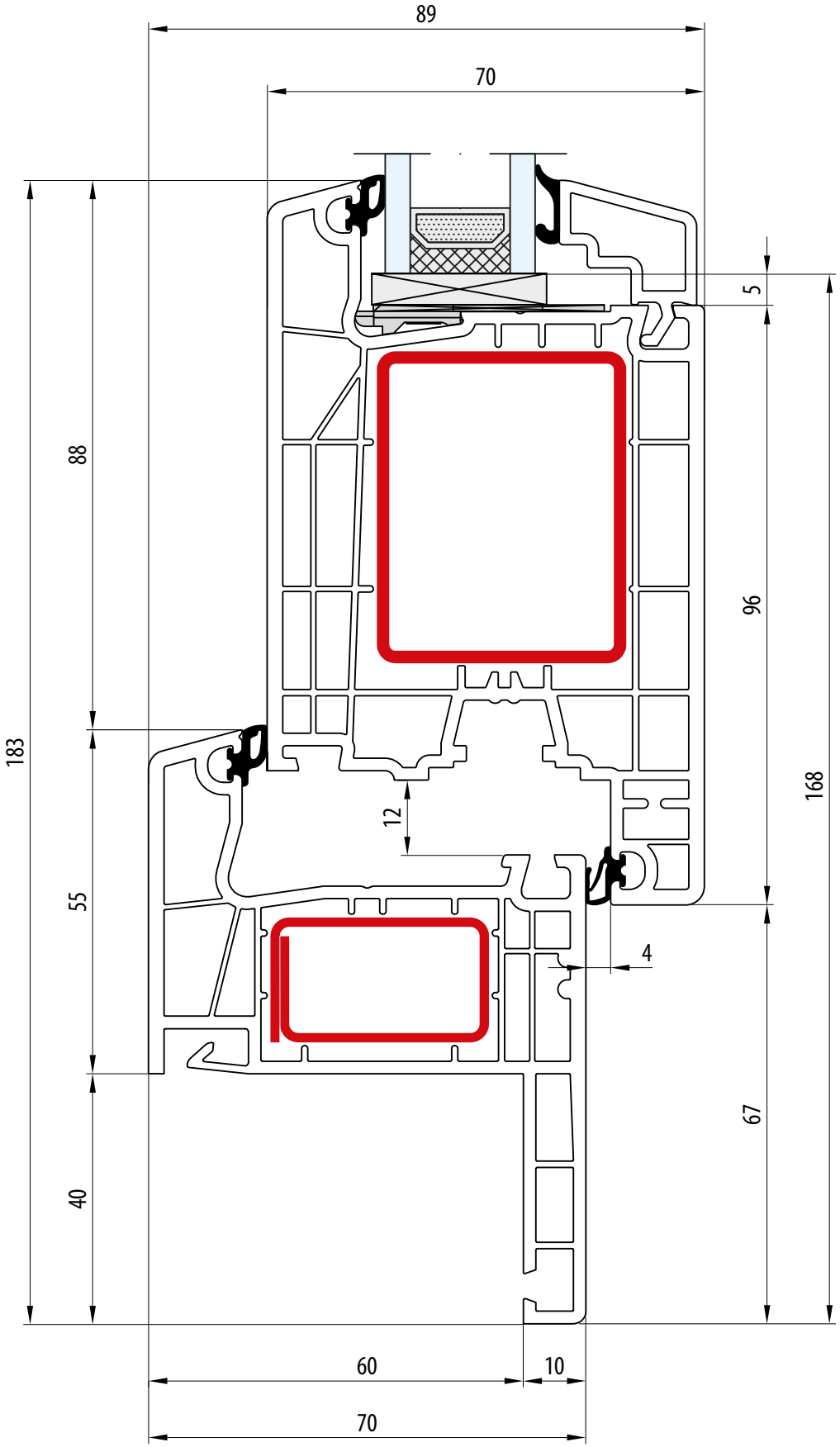
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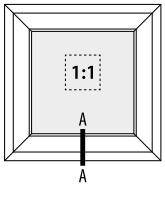


RENOWACJA - Płetwa: 40 mm · Rama: 55 mm · Skrzydło: 105 mm
RÉNOVATION - Lip: 40 mm · Dormant: 55 mm · Vantail: 105 mm
RENOVATION - Strip: 40 mm · Frame: 55 mm · Sash: 105 mm
RENOVIERUNG - Flosse: 40 mm · Rahmen: 55 mm · Flügel: 105 mm
RINNOVAZIONE - Aletta da: 40 mm · Telaio: 55 mm · Anta: 105 mm
RENOVATIE - Vin: 40 mm · Kader: 55 mm · Vleugel: 105 mm



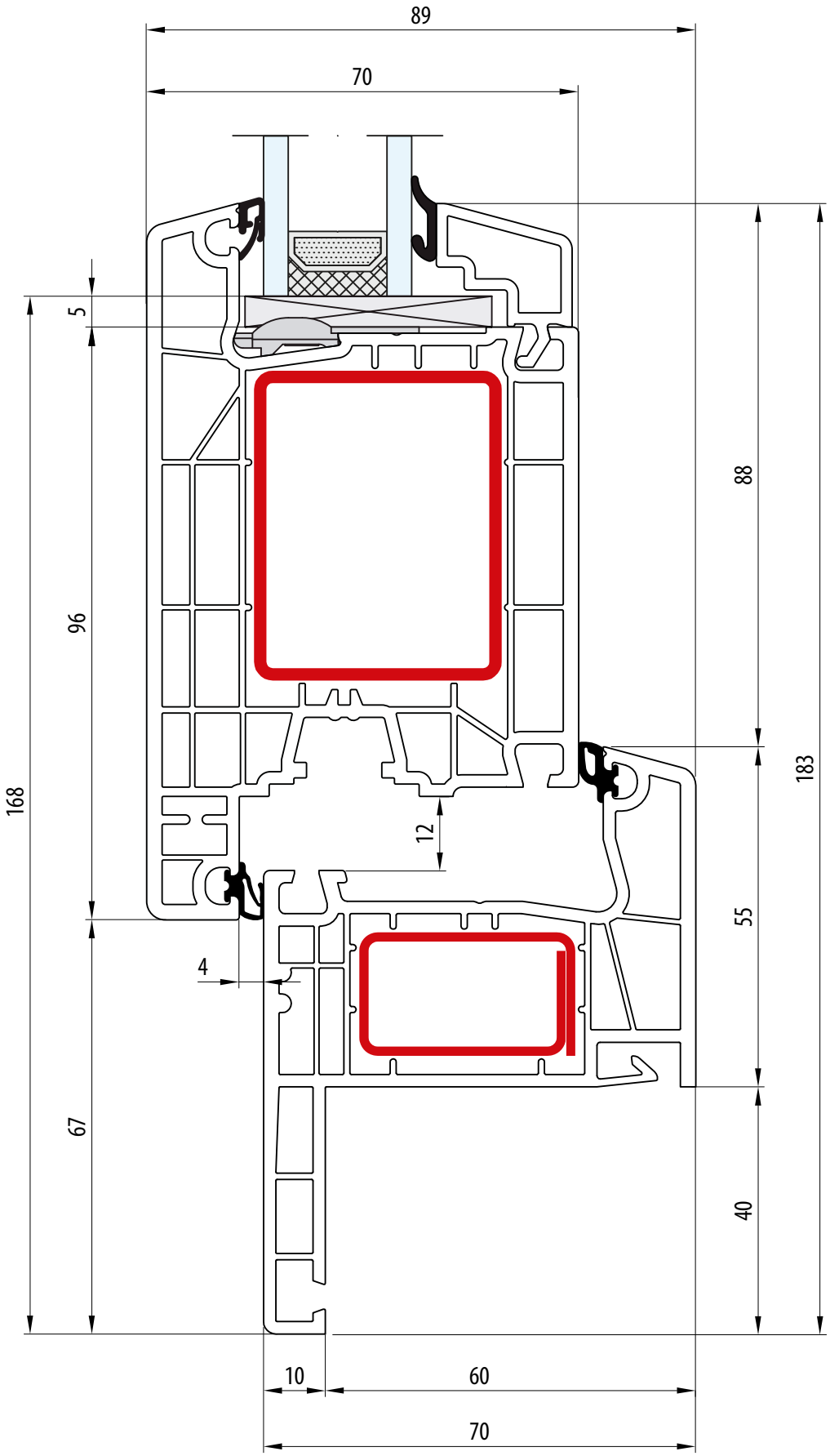


RENOWACJA - Płetwa: 40 mm · Rama: 55 mm · Skrzydło: 116 mm
RÉNOVATION - Lip: 40 mm · Dormant: 55 mm · Vantail: 116 mm
RENOVATION - Strip: 40 mm · Frame: 55 mm · Sash: 116 mm
RENOVIERUNG - Flosse: 40 mm · Rahmen: 55 mm · Flügel: 116 mm
RINNOVAZIONE - Aletta da: 40 mm · Telaio: 55 mm · Anta: 116 mm
RENOVATIE - Vin: 40 mm · Kader: 55 mm · Vleugel: 116 mm

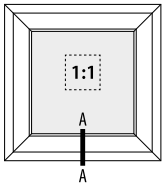


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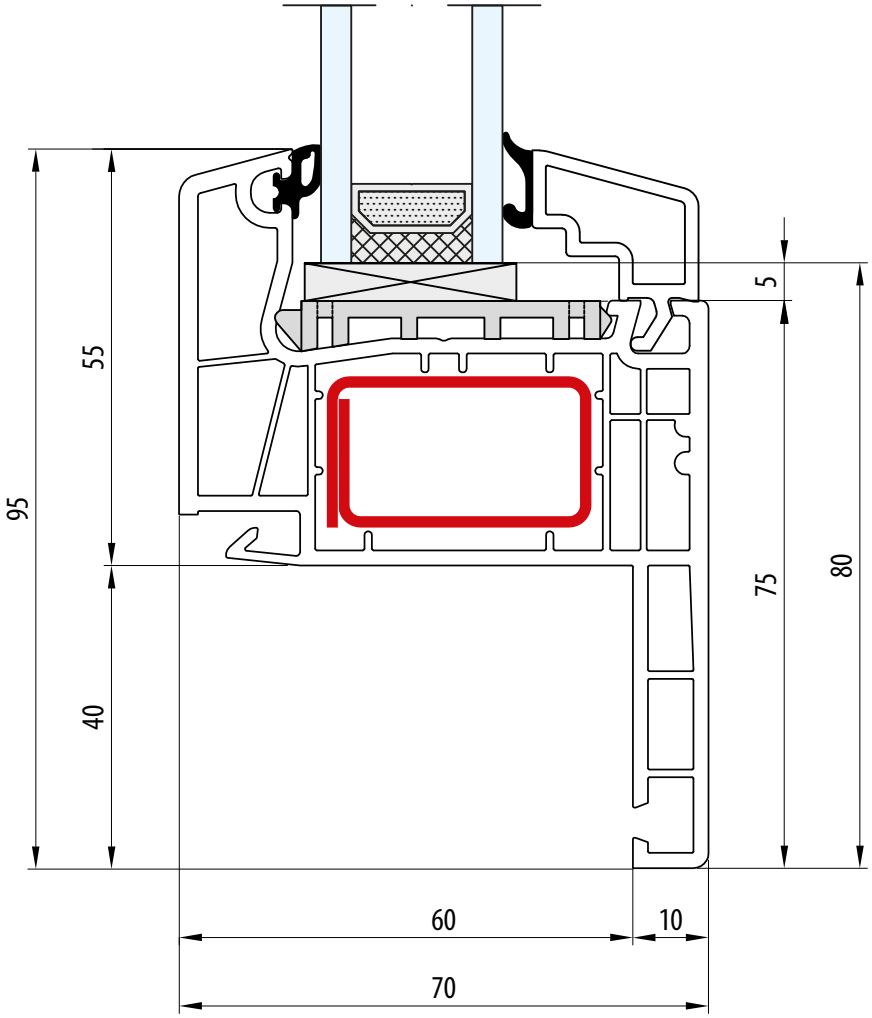


RENOWACJA - Płetwa: 40 mm · Rama: 55 mm · Skrzydło: 120 mm
RÉNOVATION - Lip: 40 mm · Dormant: 55 mm · Vantail: 120 mm
RENOVATION - Strip: 40 mm · Frame: 55 mm · Sash: 120 mm
RENOVIERUNG - Flosse: 40 mm · Rahmen: 55 mm · Flügel: 120 mm
RINNOVAZIONE - Aletta da: 40 mm · Telaio: 55 mm · Anta: 120 mm
RENOVATIE - Vin: 40 mm · Kader: 55 mm · Vleugel: 120 mm

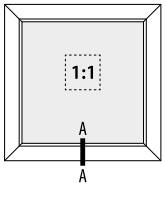


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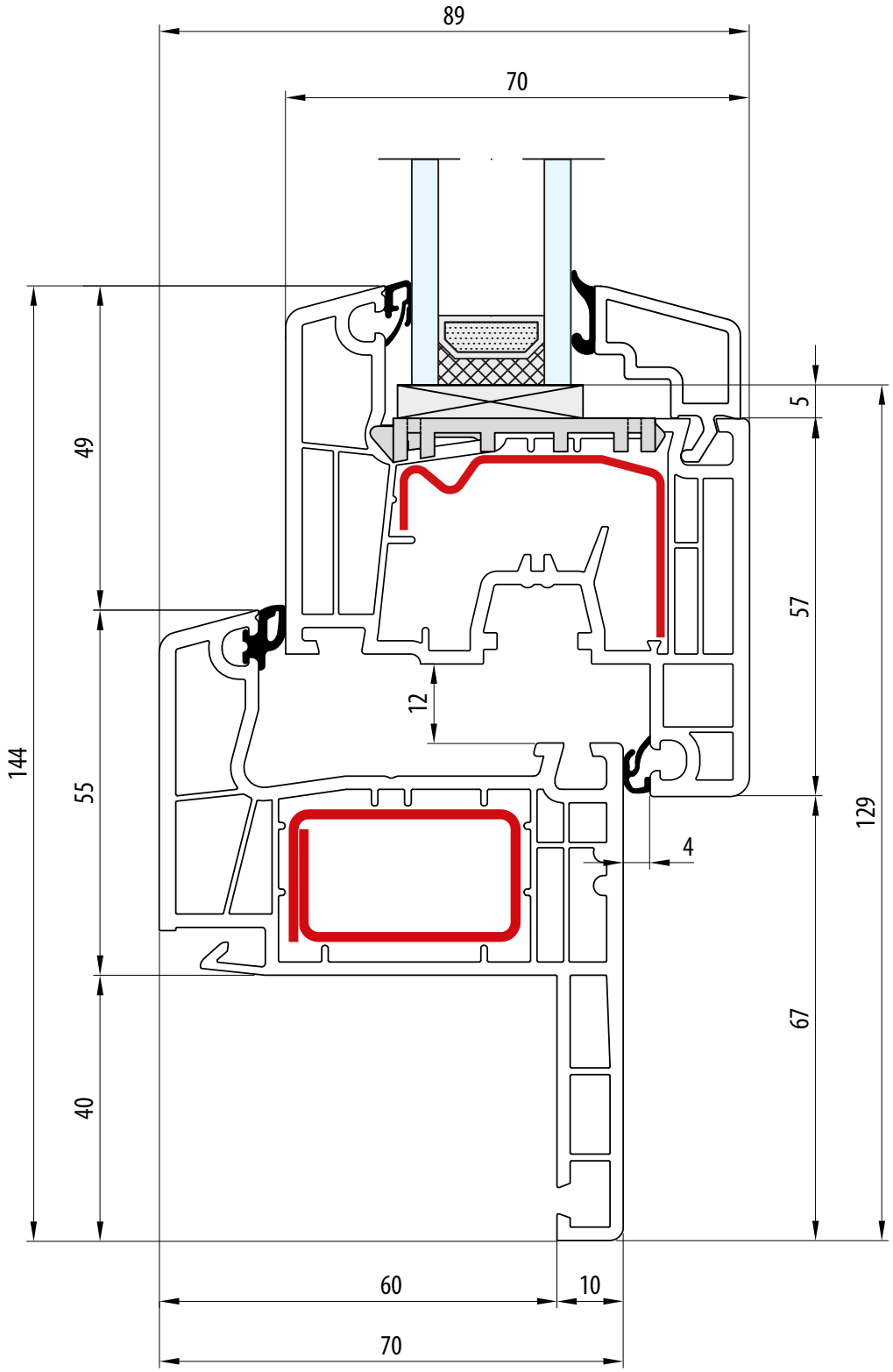


RENOWACJA - Płetwa: 40 mm · Rama: 55 mm
RÉNOVATION - Lip: 40 mm · Dormant: 55 mm
RENOVATION - Strip: 40 mm · Frame: 55 mm
RENOVIERUNG - Flosse: 40 mm · Rahmen: 55 mm
RINNOVAZIONE - Aletta da: 40 mm · Telaio: 55 mm
RENOVATIE - Vin: 40 mm · Kader: 55 mm

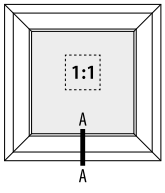


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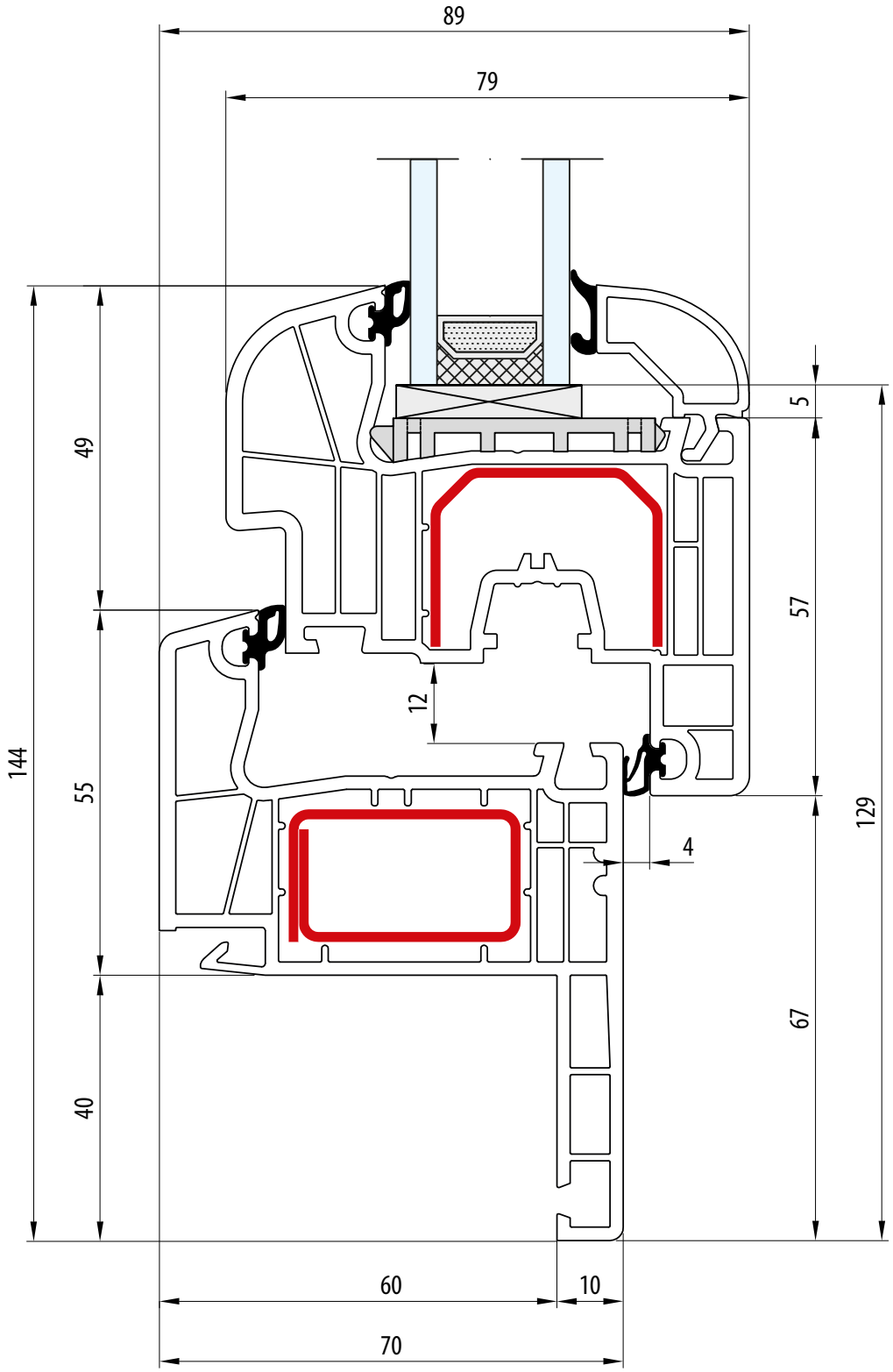


RENOWACJA - Płetwa: 40 mm · Rama: 55 mm · Skrzydło: 77 mm
RÉNOVATION - Lip: 40 mm · Dormant: 55 mm · Vantail: 77 mm
RENOVATION - Strip: 40 mm · Frame: 55 mm · Sash: 77 mm
RENOVIERUNG - Flosse: 40 mm · Rahmen: 55 mm · Flügel: 77 mm
RINNOVAZIONE - Aletta da: 40 mm · Telaio: 55 mm · Anta: 77 mm
RENOVATIE - Vin: 40 mm · Kader: 55 mm · Vleugel: 77 mm

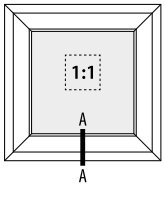


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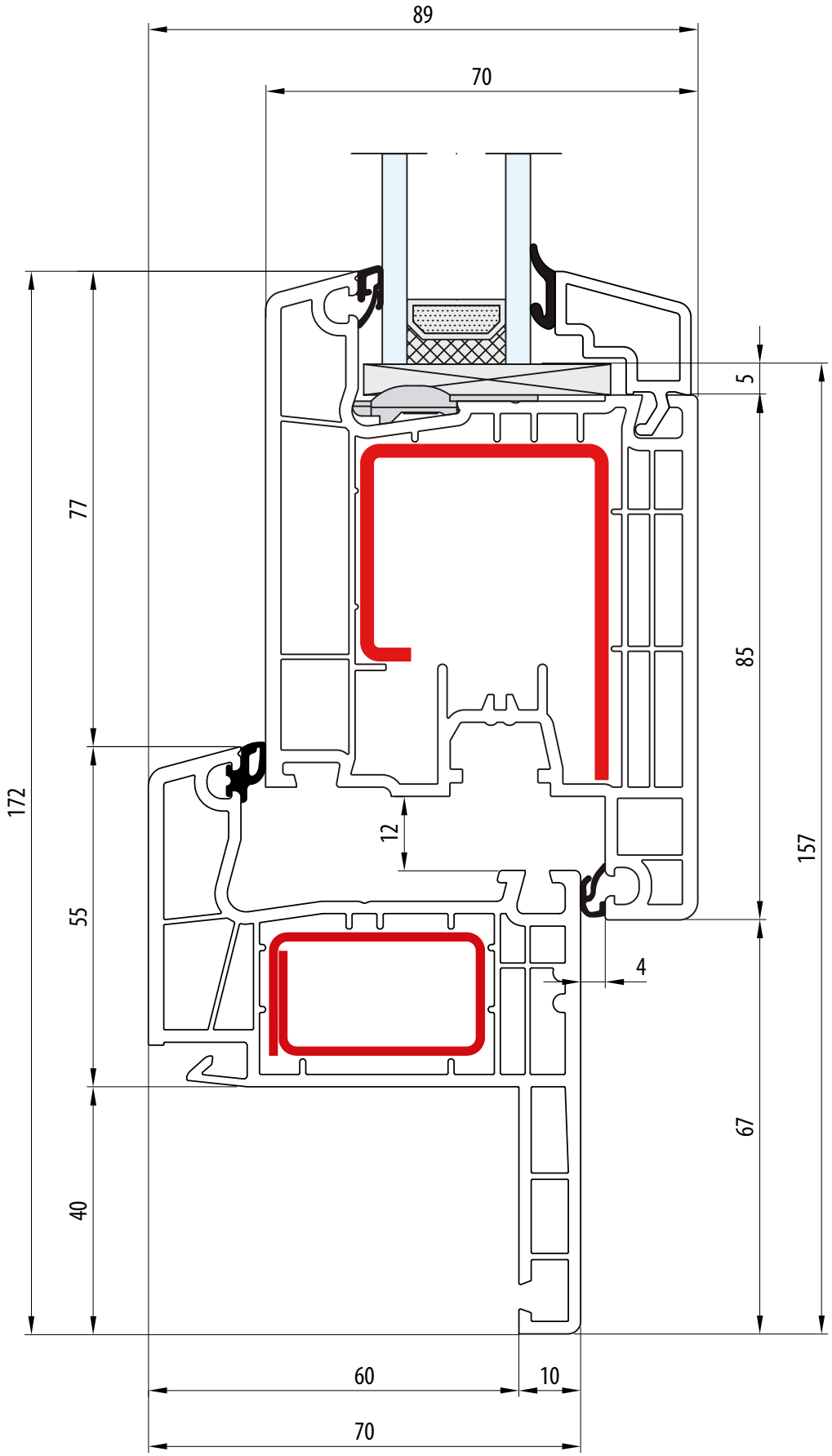


RENOWACJA - Płetwa: 40 mm · Rama: 55 mm · Skrzydło: 77 mm
RÉNOVATION - Lip: 40 mm · Dormant: 55 mm · Vantail: 77 mm
RENOVATION - Strip: 40 mm · Frame: 55 mm · Sash: 77 mm
RENOVIERUNG - Flosse: 40 mm · Rahmen: 55 mm · Flügel: 77 mm
RINNOVAZIONE - Aletta da: 40 mm · Telaio: 55 mm · Anta: 77 mm
RENOVATIE - Vin: 40 mm · Kader: 55 mm · Vleugel: 77 mm

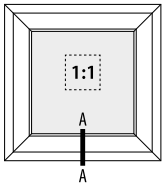


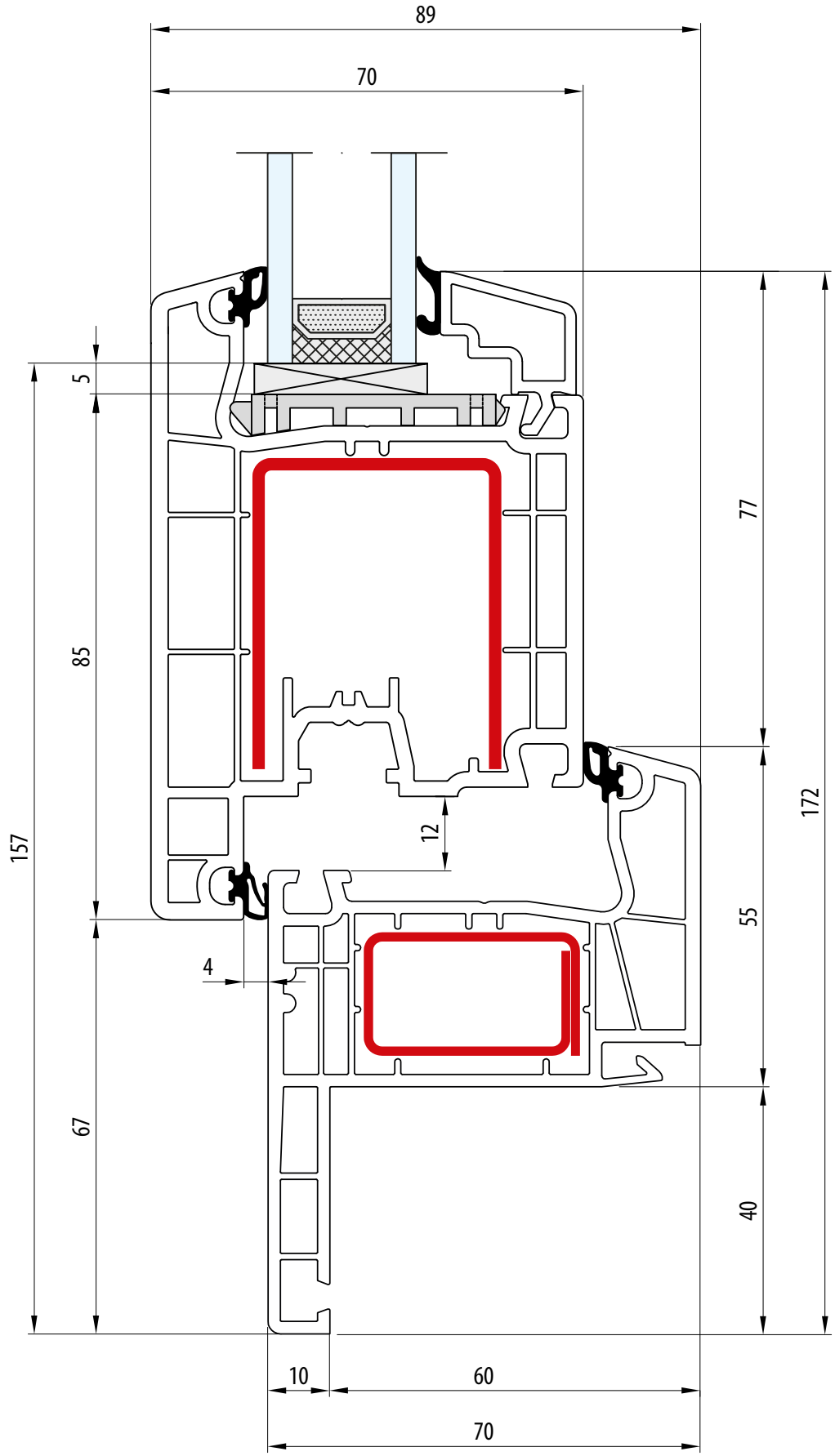
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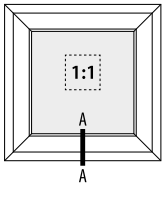


RENOWACJA - Płetwa: 40 mm · Rama: 55 mm · Skrzydło: 105 mm
RÉNOVATION - Lip: 40 mm · Dormant: 55 mm · Vantail: 105 mm
RENOVATION - Strip: 40 mm · Frame: 55 mm · Sash: 105 mm
RENOVIERUNG - Flosse: 40 mm · Rahmen: 55 mm · Flügel: 105 mm
RINNOVAZIONE - Aletta da: 40 mm · Telaio: 55 mm · Anta: 105 mm
RENOVATIE - Vin: 40 mm · Kader: 55 mm · Vleugel: 105 mm



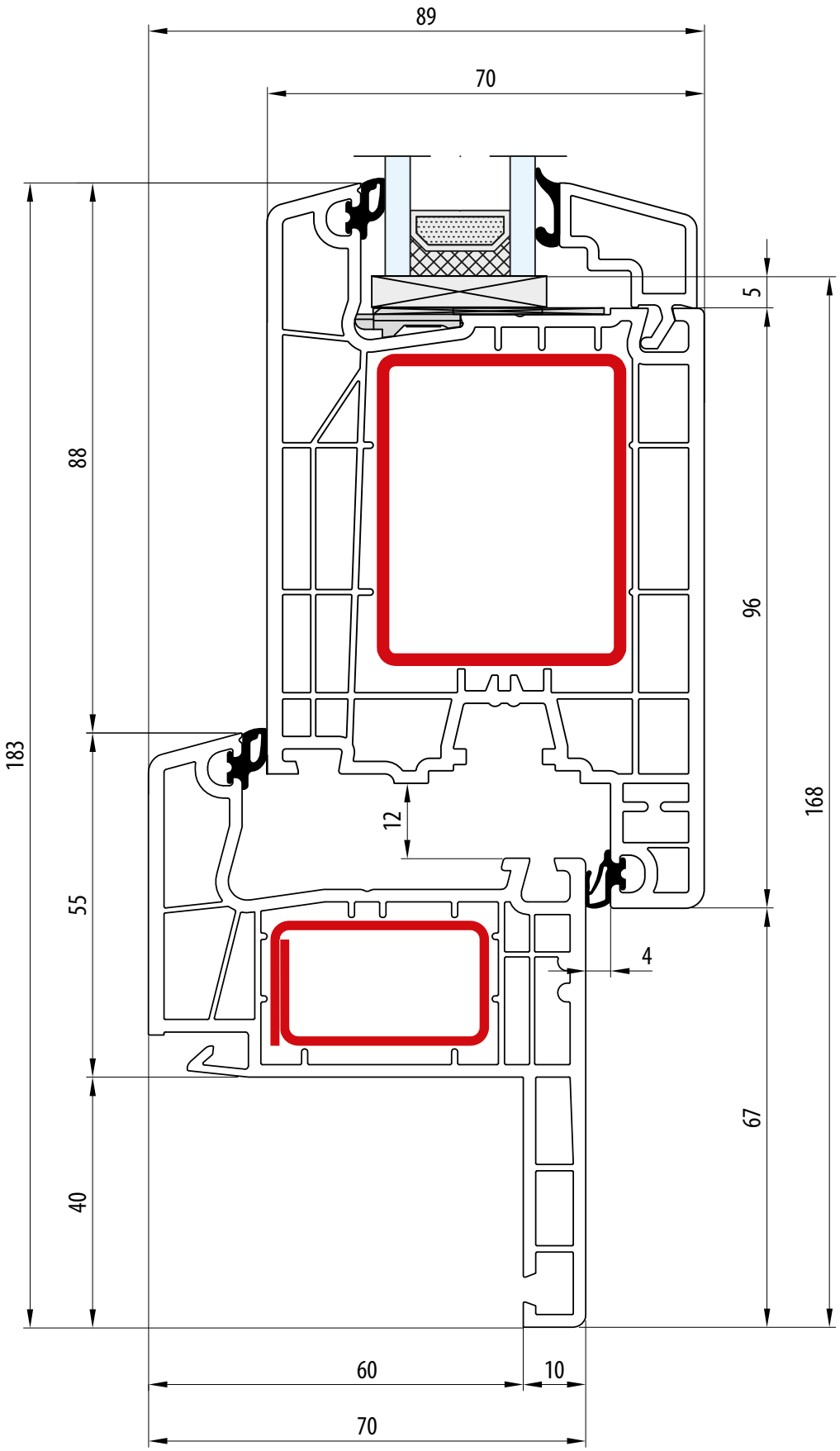


RENOWACJA - Płetwa: 40 mm · Rama: 55 mm · Skrzydło: 105 mm
RÉNOVATION - Lip: 40 mm · Dormant: 55 mm · Vantail: 105 mm
RENOVATION - Strip: 40 mm · Frame: 55 mm · Sash: 105 mm
RENOVIERUNG - Flosse: 40 mm · Rahmen: 55 mm · Flügel: 105 mm
RINNOVAZIONE - Aletta da: 40 mm · Telaio: 55 mm · Anta: 105 mm
RENOVATIE - Vin: 40 mm · Kader: 55 mm · Vleugel: 105 mm

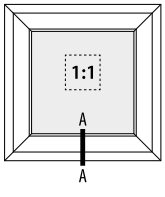


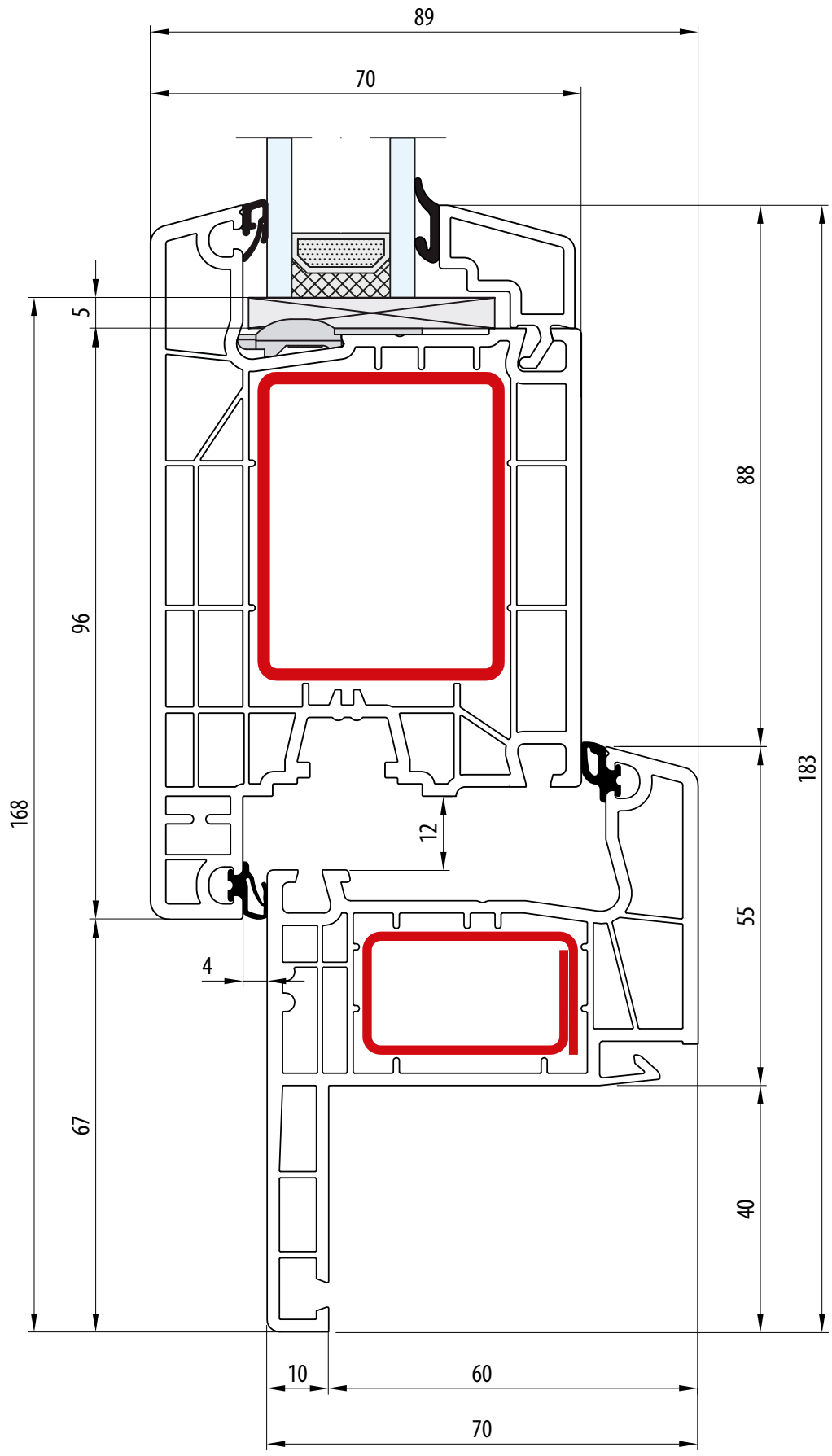
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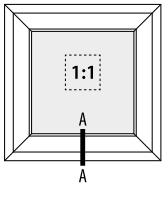


RENOWACJA - Płetwa: 40 mm · Rama: 55 mm · Skrzydło: 116 mm
RÉNOVATION - Lip: 40 mm · Dormant: 55 mm · Vantail: 116 mm
RENOVATION - Strip: 40 mm · Frame: 55 mm · Sash: 116 mm
RENOVIERUNG - Flosse: 40 mm · Rahmen: 55 mm · Flügel: 116 mm
RINNOVAZIONE - Aletta da: 40 mm · Telaio: 55 mm · Anta: 116 mm
RENOVATIE - Vin: 40 mm · Kader: 55 mm · Vleugel: 116 mm



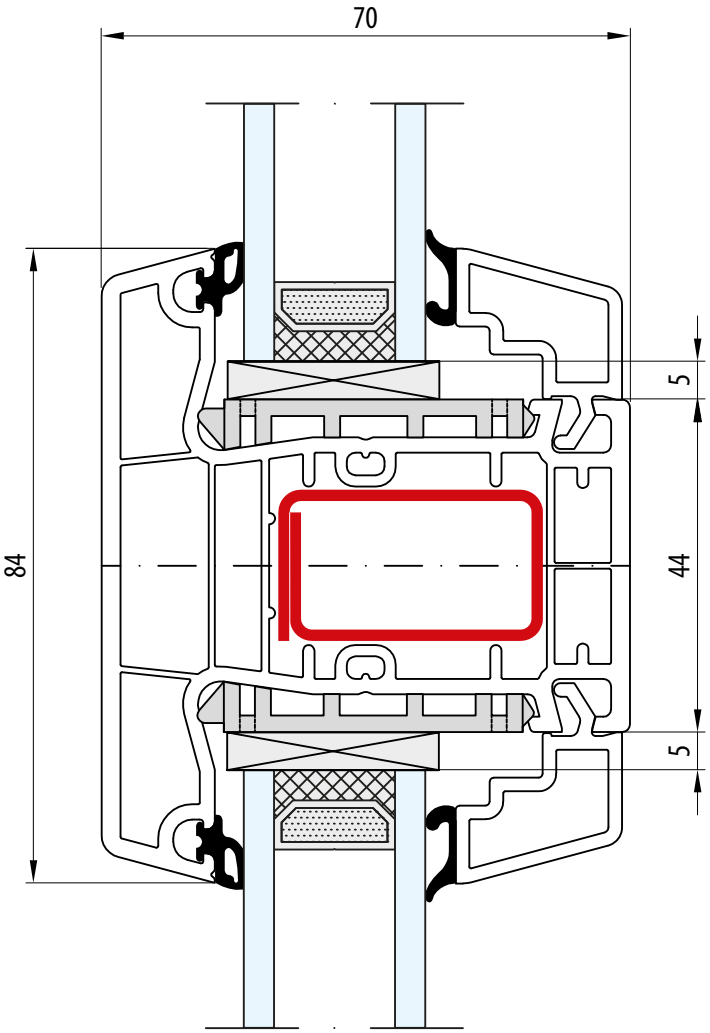


RENOWACJA - Płetwa: 40 mm · Rama: 55 mm · Skrzydło: 120 mm
RÉNOVATION - Lip: 40 mm · Dormant: 55 mm · Vantail: 120 mm
RENOVATION - Strip: 40 mm · Frame: 55 mm · Sash: 120 mm
RENOVIERUNG - Flosse: 40 mm · Rahmen: 55 mm · Flügel: 120 mm
RINNOVAZIONE - Aletta da: 40 mm · Telaio: 55 mm · Anta: 120 mm
RENOVATIE - Vin: 40 mm · Kader: 55 mm · Vleugel: 120 mm



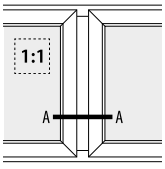
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140x41

- Słupek stały: 84 mm
- Meneau fixe: 84 mm
- Fix post: 84 mm
- Festem Pfahl: 84 mm
- Montante fisso: 84 mm
- Vaste stijl: 84 mm

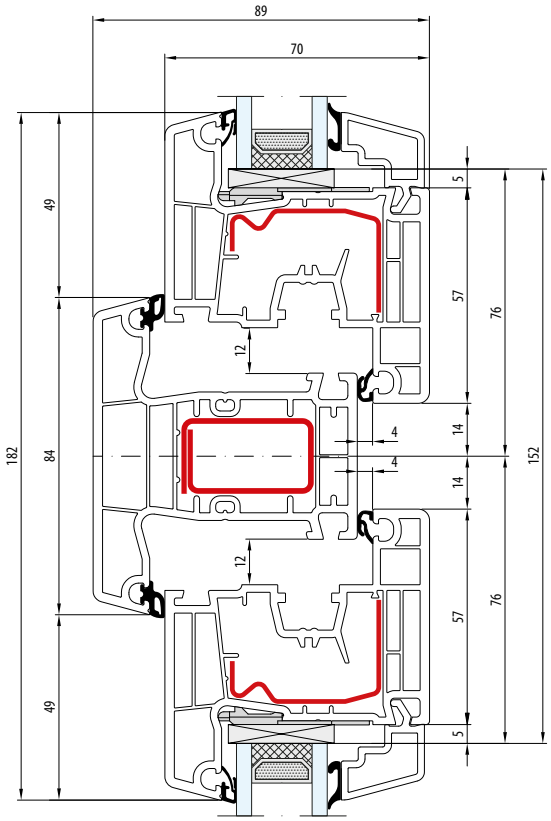




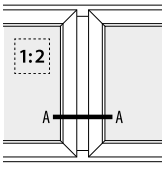


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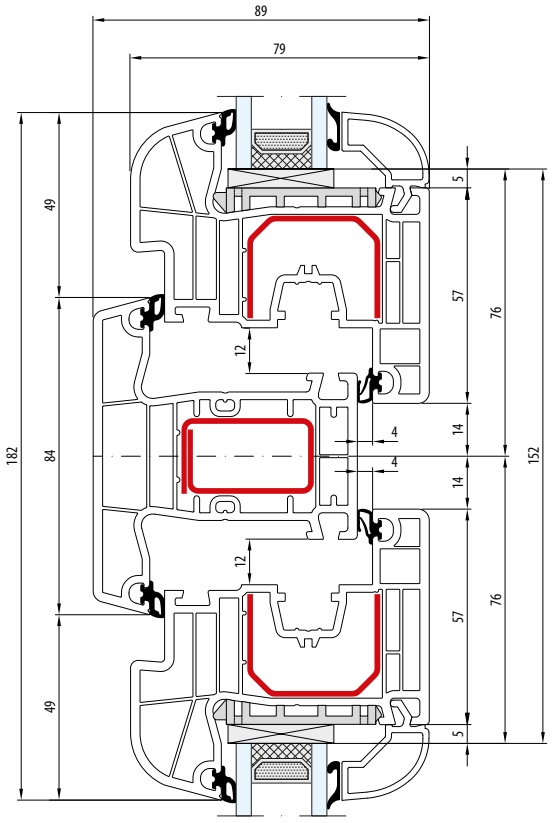


- Słupek stały: 84 mm · Skrzydło: 77 mm
- Meneau fixe: 84 mm · Vantail: 77 mm
- Fix post: 84 mm · Sash: 77 mm
- Festem Pfahl: 84 mm · Flügel: 77 mm
- Montante fisso: 84 mm · Anta: 77 mm
- Vaste stijl: 84 mm · Vleugel: 77 mm

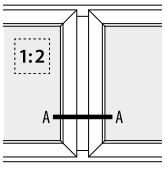


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- Słupek stały: 84 mm · Skrzydło: 77 mm
- Meneau fixe: 84 mm · Vantail: 77 mm
- Fix post: 84 mm · Sash: 77 mm
- Festem Pfahl: 84 mm · Flügel: 77 mm
- Montante fisso: 84 mm · Anta: 77 mm
- Vaste stijl: 84 mm · Vleugel: 77 mm

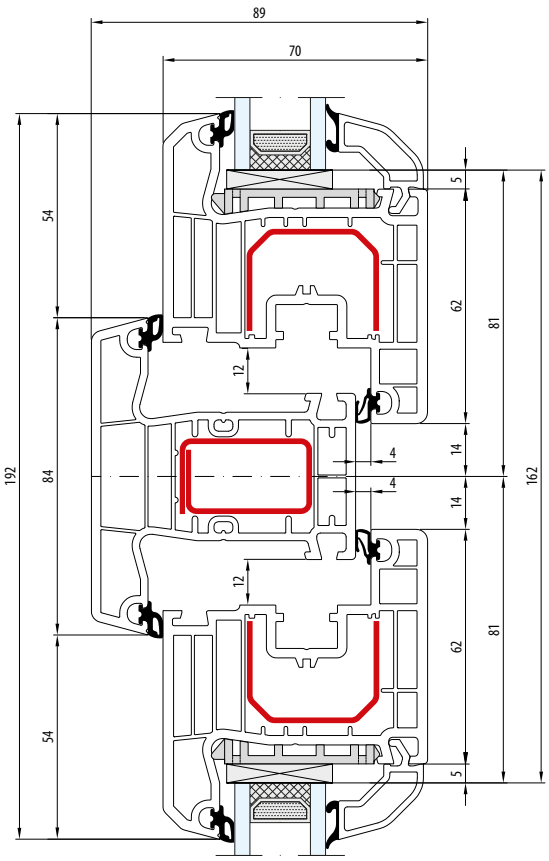




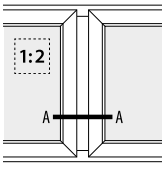






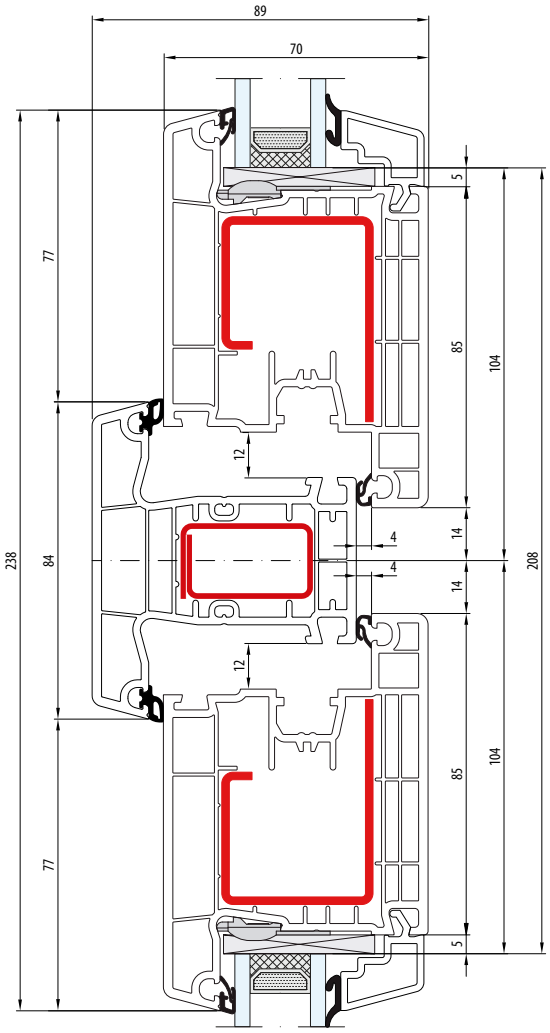


- Słupek stały: 84 mm · Skrzydło: 82 mm
- Meneau fixe: 84 mm · Vantail: 82 mm
- Fix post: 84 mm · Sash: 82 mm
- Festem Pfahl: 84 mm · Flügel: 82 mm
- Montante fisso: 84 mm · Anta: 82 mm
- Vaste stijl: 84 mm · Vleugel: 82 mm

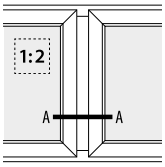


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- Słupek stały: 84 mm · Skrzydło: 105 mm
- Meneau fixe: 84 mm · Vantail: 105 mm
- Fix post: 84 mm · Sash: 105 mm
- Festem Pfahl: 84 mm · Flügel: 105 mm
- Montante fisso: 84 mm · Anta: 105 mm
- Vaste stijl: 84 mm · Vleugel: 105 mm

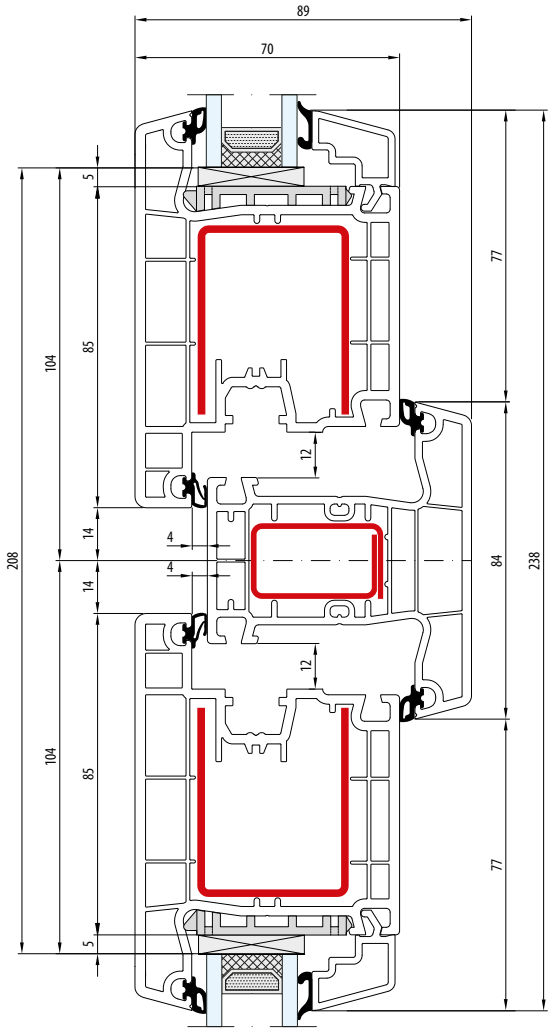




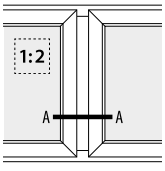






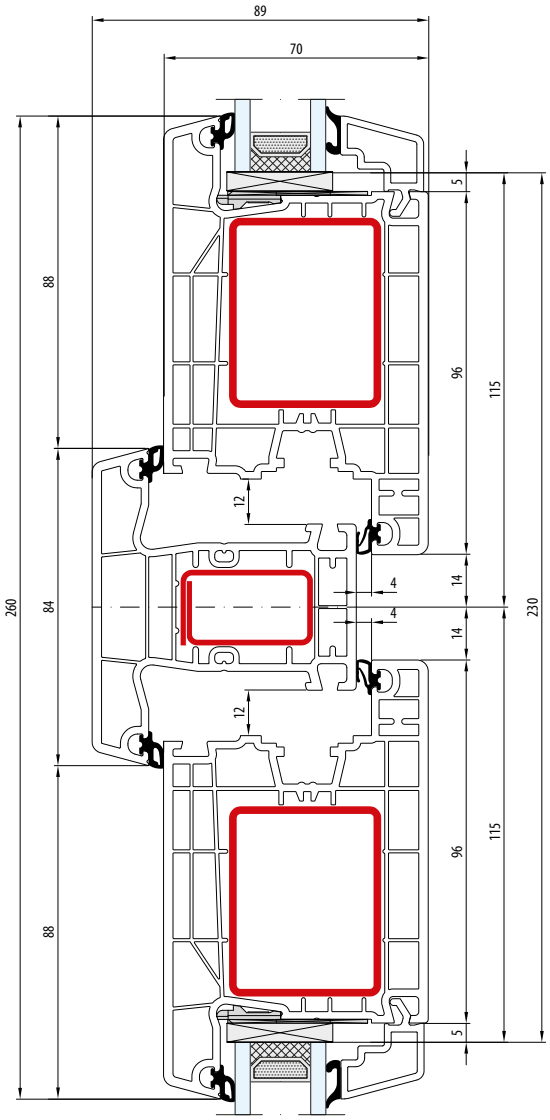


- Słupek stały: 84 mm · Skrzydło: 105 mm
- Meneau fixe: 84 mm · Vantail: 105 mm
- Fix post: 84 mm · Sash: 105 mm
- Festem Pfahl: 84 mm · Flügel: 105 mm
- Montante fisso: 84 mm · Anta: 105 mm
- Vaste stijl: 84 mm · Vleugel: 105 mm

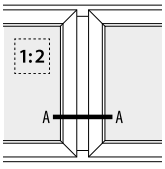


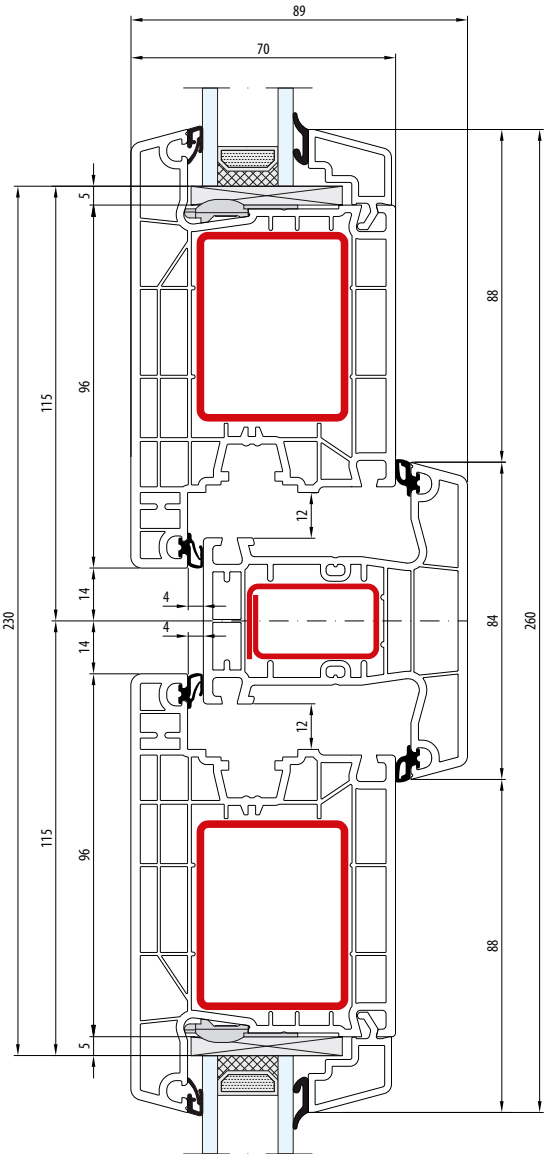
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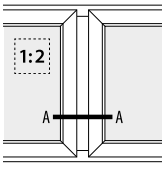


- Słupek stały: 84 mm · Skrzydło: 116 mm
- Meneau fixe: 84 mm · Vantail: 116 mm
- Fix post: 84 mm · Sash: 116 mm
- Festem Pfahl: 84 mm · Flügel: 116 mm
- Montante fisso: 84 mm · Anta: 116 mm
- Vaste stijl: 84 mm · Vleugel: 116 mm



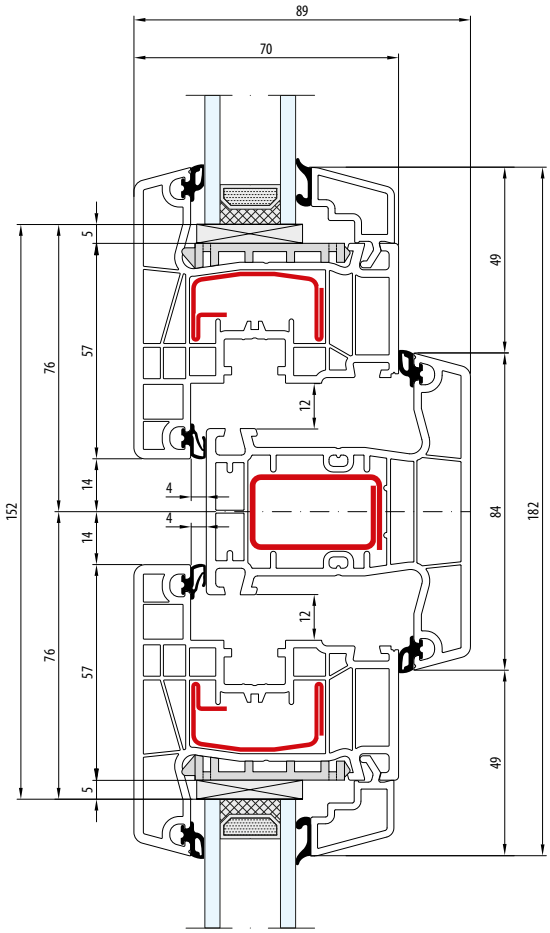


- Słupek stały: 84 mm · Skrzydło: 120 mm
- Meneau fixe: 84 mm · Vantail: 120 mm
- Fix post: 84 mm · Sash: 120 mm
- Festem Pfahl: 84 mm · Flügel: 120 mm
- Montante fisso: 84 mm · Anta: 120 mm
- Vaste stijl: 84 mm · Vleugel: 120 mm

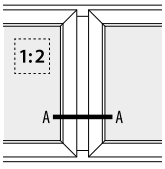


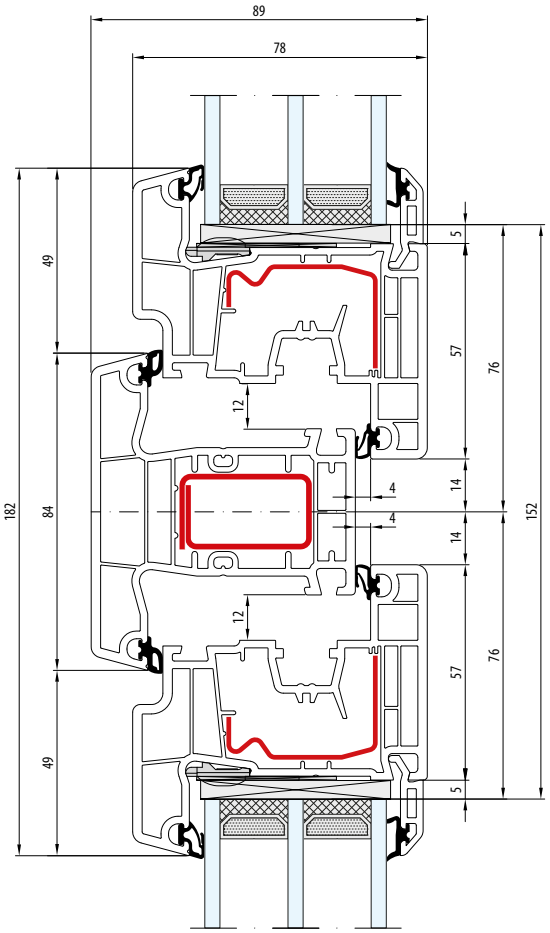
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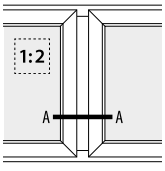


Słupek stały: 84 mm · Skrzydło: 77 mm
Meneau fixe: 84 mm · Vantail: 77 mm
Fix post: 84 mm · Sash: 77 mm
Festem Pfahl: 84 mm · Flügel: 77 mm
Montante fisso: 84 mm · Anta: 77 mm
Vaste stijl: 84 mm · Vleugel: 77 mm



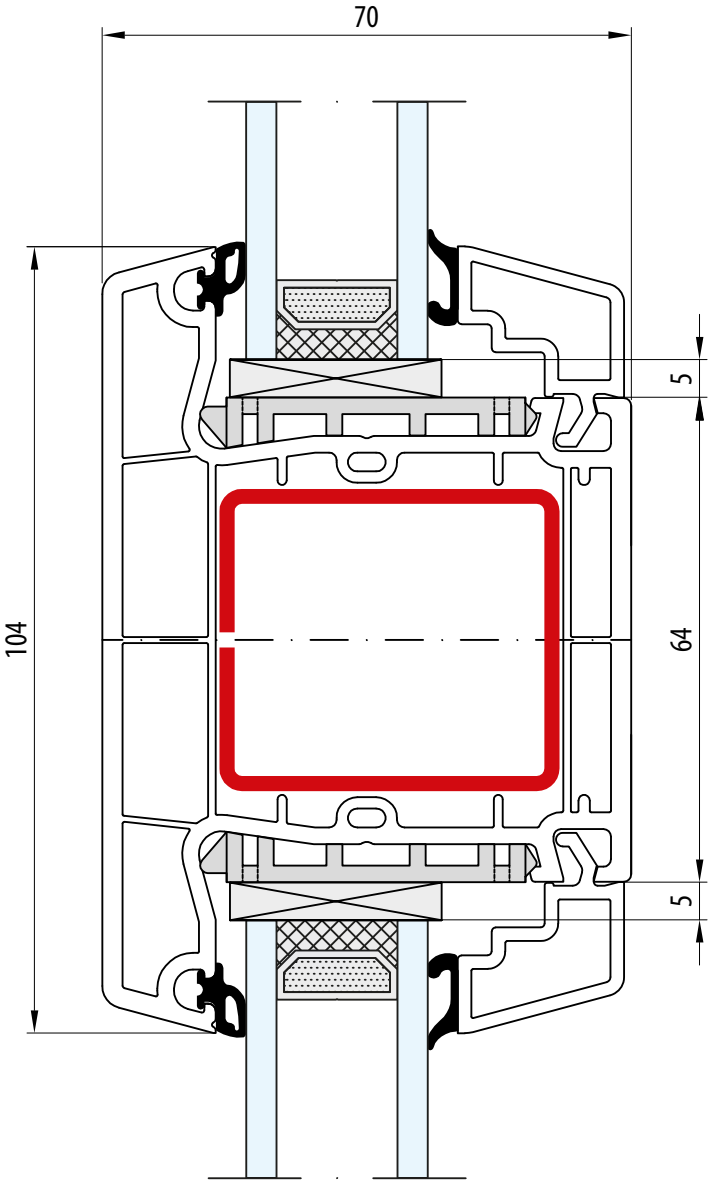


- Słupek stały: 84 mm · Skrzydło: 77 mm
- Meneau fixe: 84 mm · Vantail: 77 mm
- Fix post: 84 mm · Sash: 77 mm
- Festem Pfahl: 84 mm · Flügel: 77 mm
- Montante fisso: 84 mm · Anta: 77 mm
- Vaste stijl: 84 mm · Vleugel: 77 mm

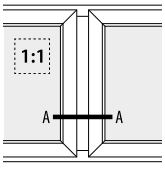


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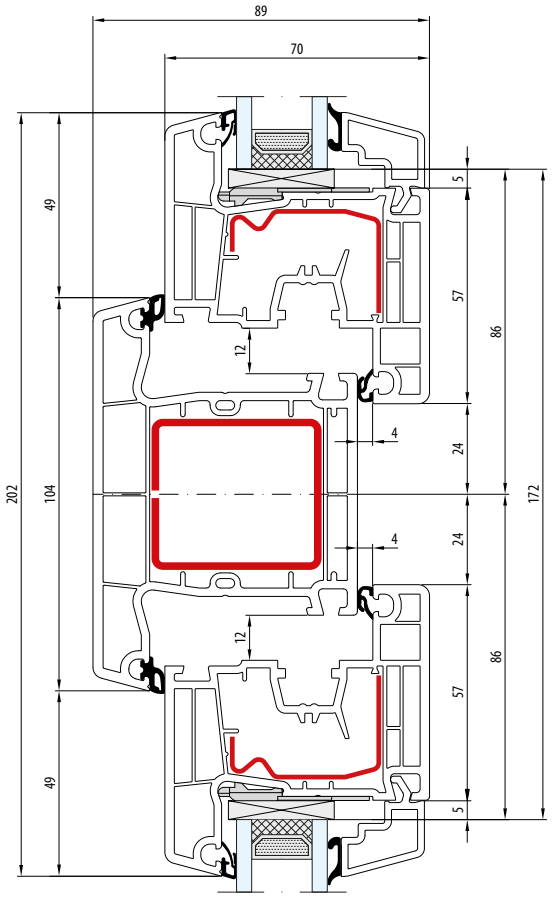


- Słupek stały: 104 mm
- Meneau fixe: 104 mm
- Fix post: 104 mm
- Festem Pfahl: 104 mm
- Montante fisso: 104 mm
- Vaste stijl: 104 mm

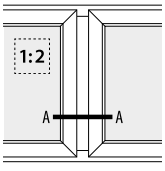


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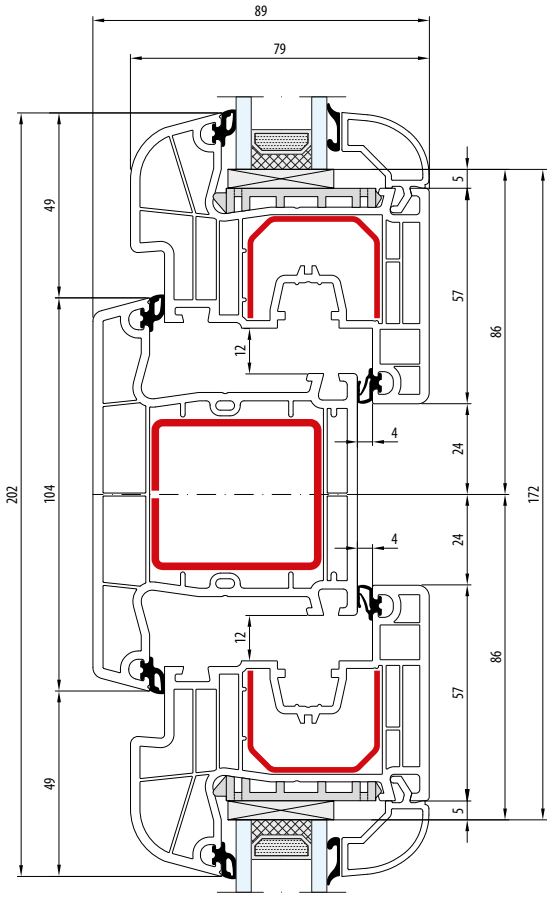


Słupek stały: 104 mm · Skrzydło: 77 mm
Meneau fixe: 104 mm · Vantail: 77 mm
Fix post: 104 mm · Sash: 77 mm
Festem Pfahl: 104 mm · Flügel: 77 mm
Montante fisso: 104 mm · Anta: 77 mm
Vaste stijl: 104 mm · Vleugel: 77 mm

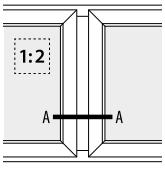


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- Słupek stały: 104 mm · Skrzydło: 77 mm
- Meneau fixe: 104 mm · Vantail: 77 mm
- Fix post: 104 mm · Sash: 77 mm
- Festem Pfahl: 104 mm · Flügel: 77 mm
- Montante fisso: 104 mm · Anta: 77 mm
- Vaste stijl: 104 mm · Vleugel: 77 mm

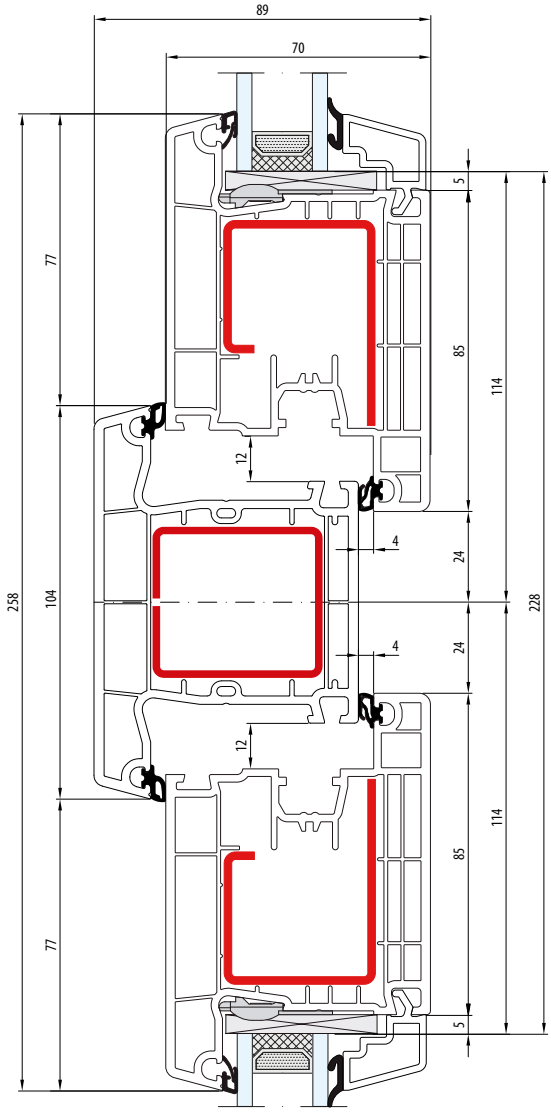




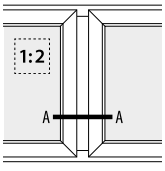






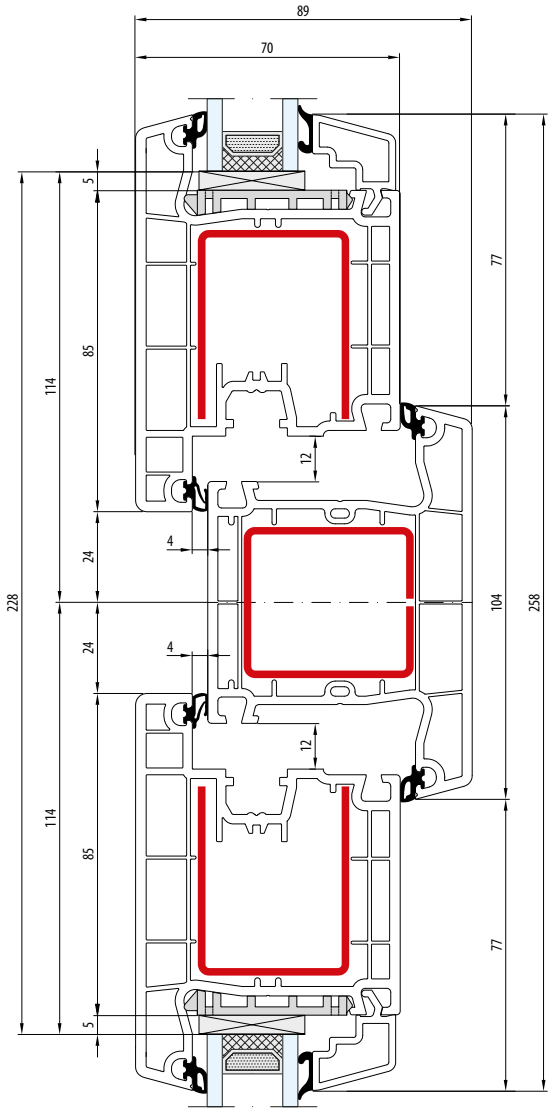


- Słupek stały: 104 mm · Skrzydło: 105 mm
- Meneau fixe: 104 mm · Vantail: 105 mm
- Fix post: 104 mm · Sash: 105 mm
- Festem Pfahl: 104 mm · Flügel: 105 mm
- Montante fisso: 104 mm · Anta: 105 mm
- Vaste stijl: 104 mm · Vleugel: 105 mm

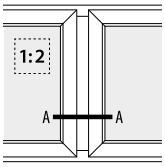


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- Słupek stały: 104 mm · Skrzydło: 105 mm
- Meneau fixe: 104 mm · Vantail: 105 mm
- Fix post: 104 mm · Sash: 105 mm
- Festem Pfahl: 104 mm · Flügel: 105 mm
- Montante fisso: 104 mm · Anta: 105 mm
- Vaste stijl: 104 mm · Vleugel: 105 mm

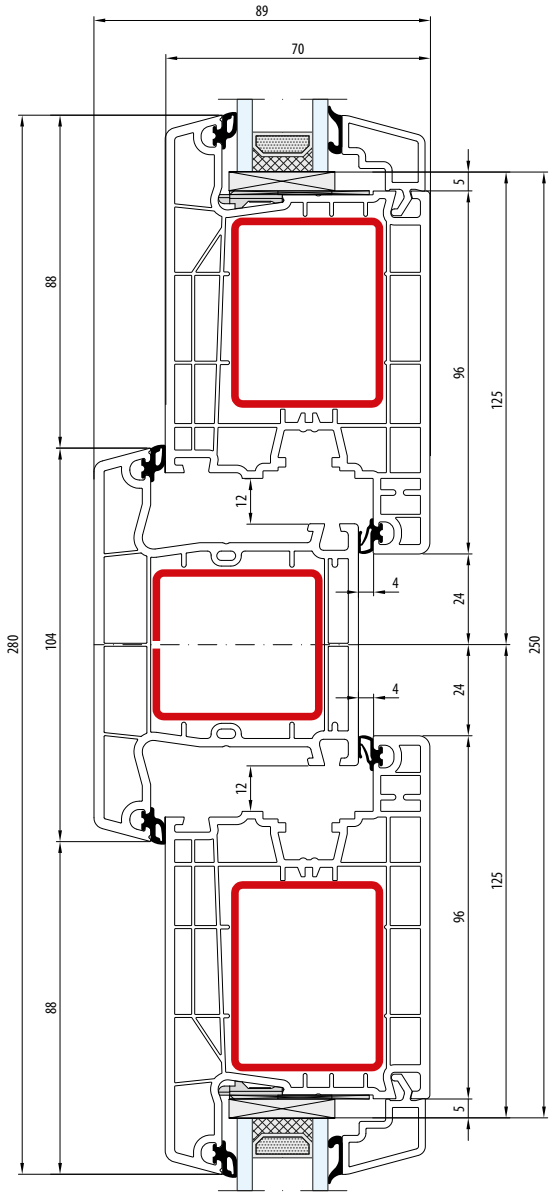




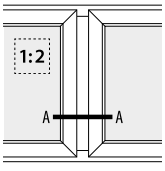






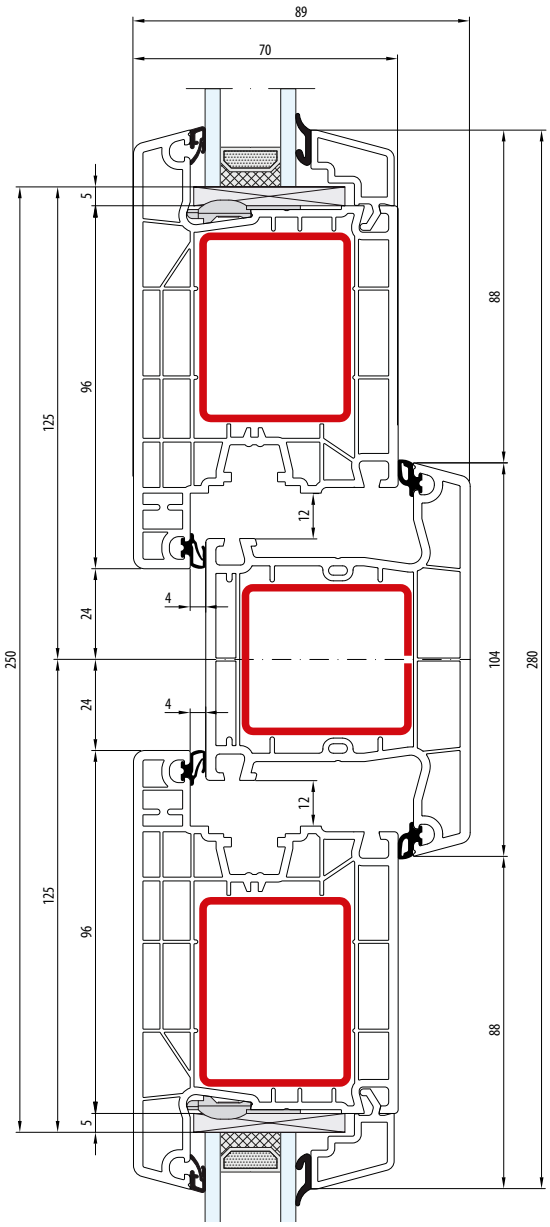


- Słupek stały: 104 mm · Skrzydło: 116 mm
- Meneau fixe: 104 mm · Vantail: 116 mm
- Fix post: 104 mm · Sash: 116 mm
- Festem Pfahl: 104 mm · Flügel: 116 mm
- Montante fisso: 104 mm · Anta: 116 mm
- Vaste stijl: 104 mm · Vleugel: 116 mm

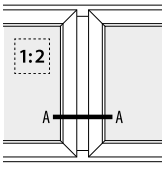


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- Słupek stały: 104 mm · Skrzydło: 120 mm
- Meneau fixe: 104 mm · Vantail: 120 mm
- Fix post: 104 mm · Sash: 120 mm
- Festem Pfahl: 104 mm · Flügel: 120 mm
- Montante fisso: 104 mm · Anta: 120 mm
- Vaste stijl: 104 mm · Vleugel: 120 mm

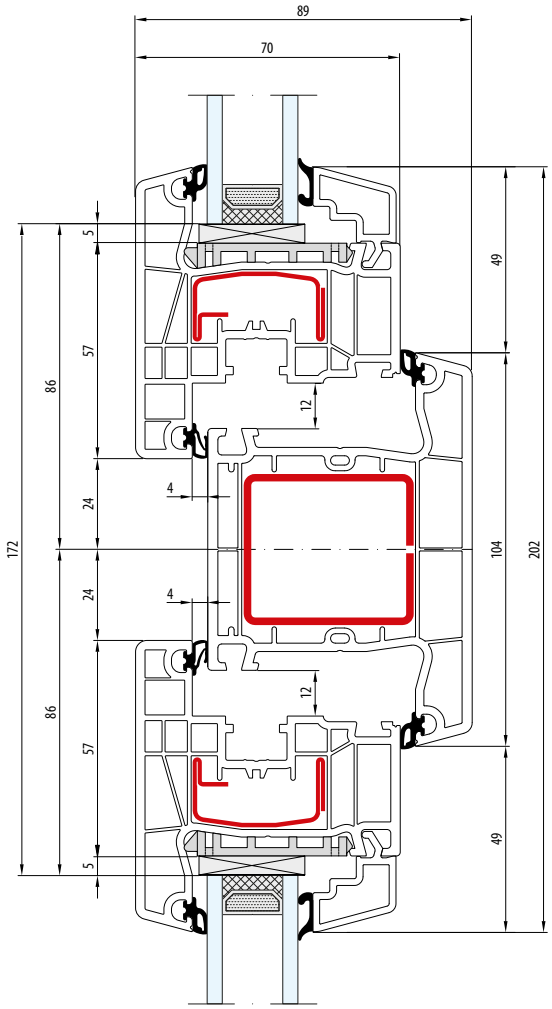




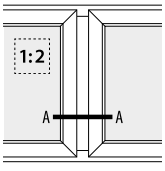






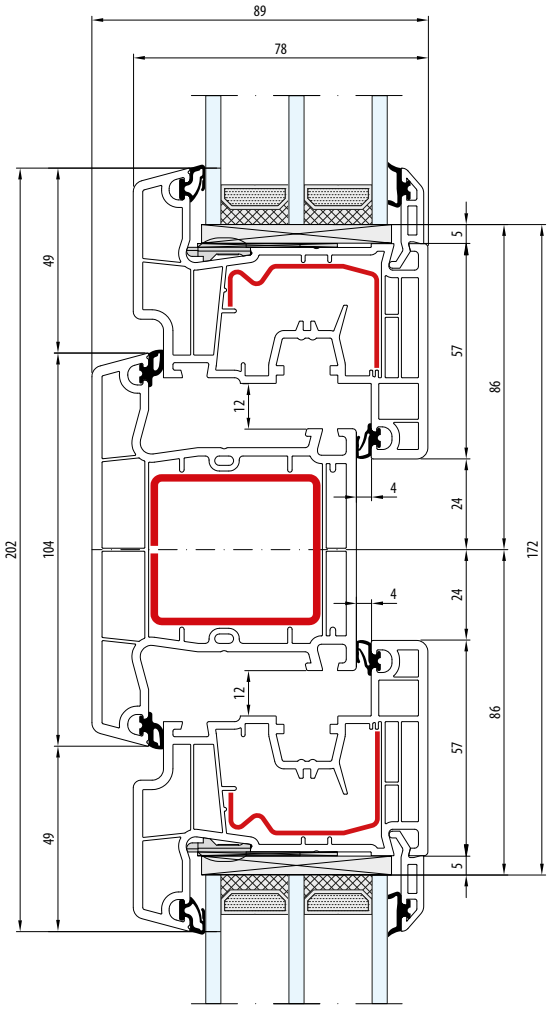


- Słupek stały: 104 mm · Skrzydło: 77 mm
- Meneau fixe: 104 mm · Vantail: 77 mm
- Fix post: 104 mm · Sash: 77 mm
- Festem Pfahl: 104 mm · Flügel: 77 mm
- Montante fisso: 104 mm · Anta: 77 mm
- Vaste stijl: 104 mm · Vleugel: 77 mm

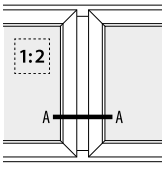


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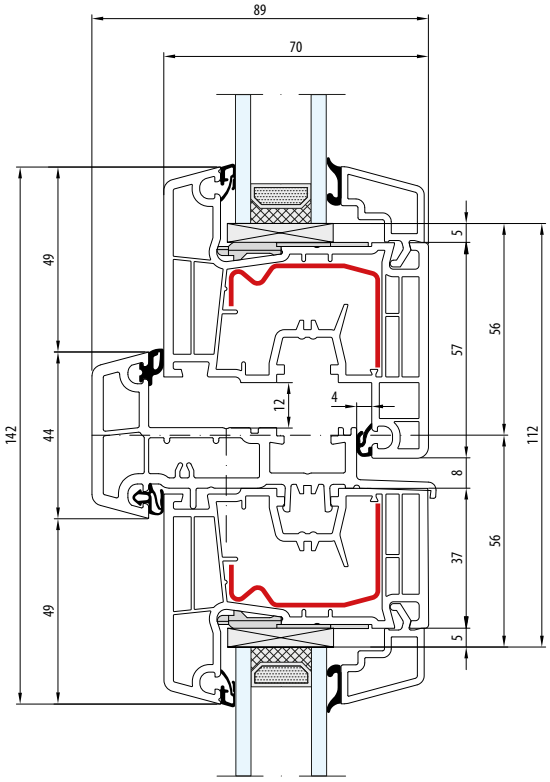


- Słupek stały: 104 mm · Skrzydło: 77 mm
- Meneau fixe: 104 mm · Vantail: 77 mm
- Fix post: 104 mm · Sash: 77 mm
- Festem Pfahl: 104 mm · Flügel: 77 mm
- Montante fisso: 104 mm · Anta: 77 mm
- Vaste stijl: 104 mm · Vleugel: 77 mm

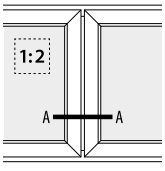


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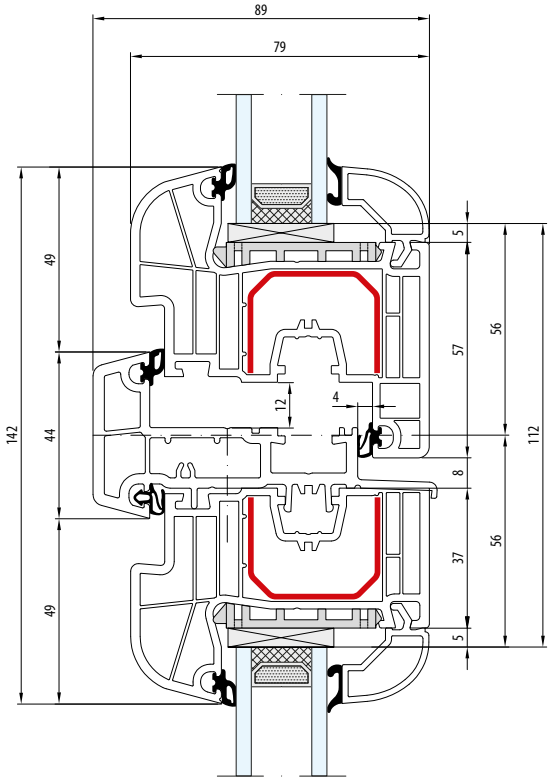


- Słupek ruchomy: 44 mm · Skrzydło: 77 mm / 57 mm
- Meneau mobile: 44 mm · Vantail: 77 mm / 57 mm
- Movable post: 44 mm · Sash: 77 mm / 57 mm
- Stulp: 44 mm · Flügel: 77 mm / 57 mm
- Montante mobile: 44 mm · Anta: 77 mm / 57 mm
- Verplaatsbare stijl: 44 mm · Vleugel: 77 mm / 57 mm

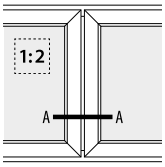


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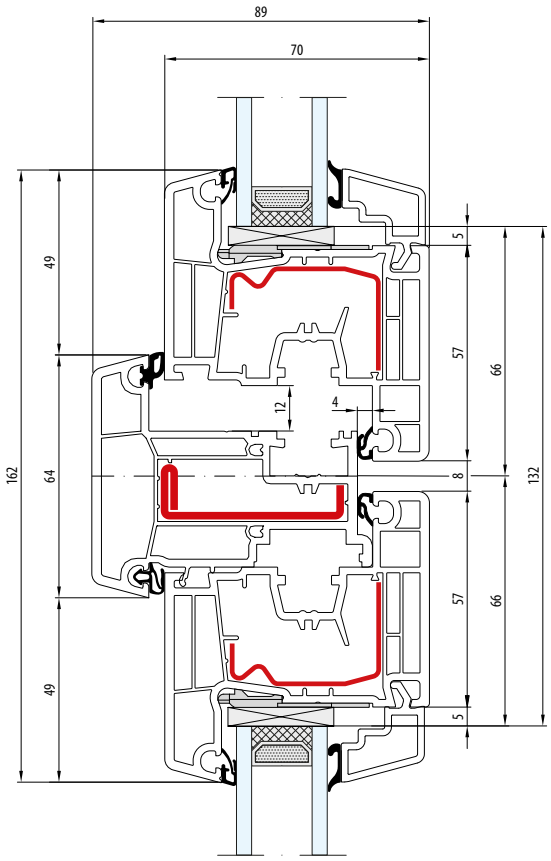


- Słupek ruchomy: 44 mm · Skrzydło: 77 mm / 57 mm
- Meneau mobile: 44 mm · Vantail: 77 mm / 57 mm
- Movable post: 44 mm · Sash: 77 mm / 57 mm
- Stulp: 44 mm · Flügel: 77 mm / 57 mm
- Montante mobile: 44 mm · Anta: 77 mm / 57 mm
- Verplaatsbare stijl: 44 mm · Vleugel: 77 mm / 57 mm

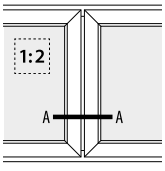


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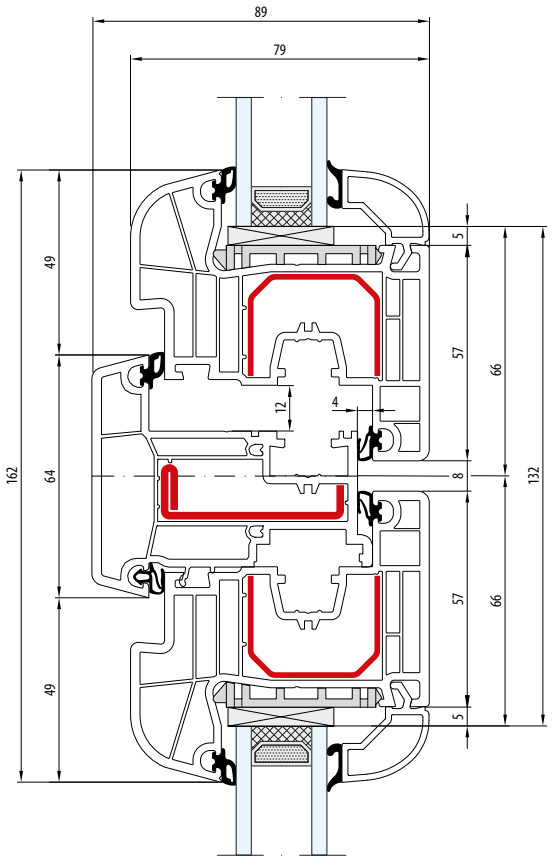


Słupek ruchomy: 64 mm · Skrzydło: 77 mm
Meneau mobile: 64 mm · Vantail: 77 mm
Movable post: 64 mm · Sash: 77 mm
Stulp: 64 mm · Flügel: 77 mm
Montante mobile: 64 mm · Anta: 77 mm
Verplaatsbare stijl: 64 mm · Vleugel: 77 mm

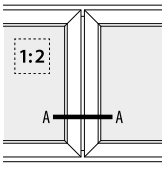


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Słupek ruchomy: 64 mm · Skrzydło: 77 mm
Meneau mobile: 64 mm · Vantail: 77 mm
Movable post: 64 mm · Sash: 77 mm
Stulp: 64 mm · Flügel: 77 mm
Montante mobile: 64 mm · Anta: 77 mm
Verplaatsbare stijl: 64 mm · Vleugel: 77 mm

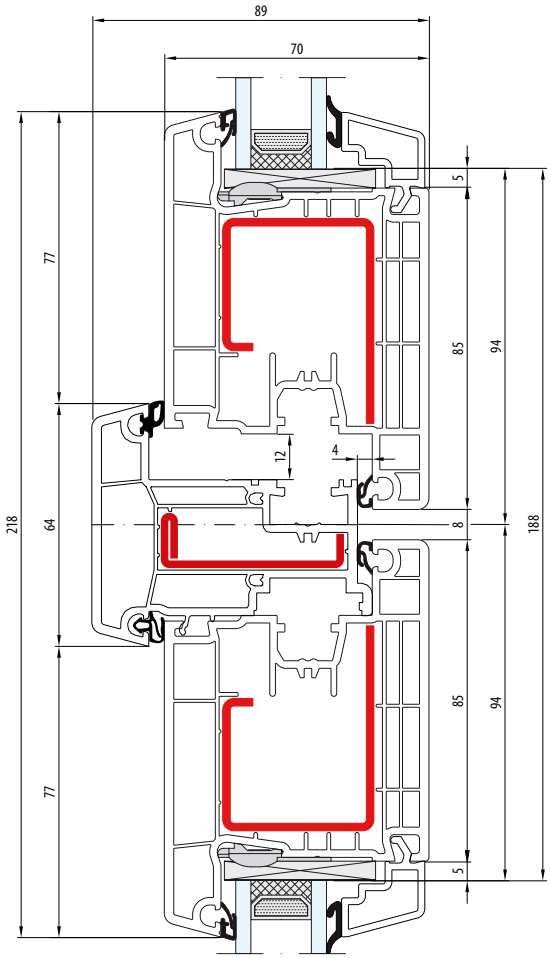




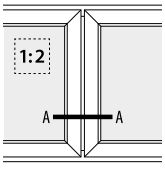






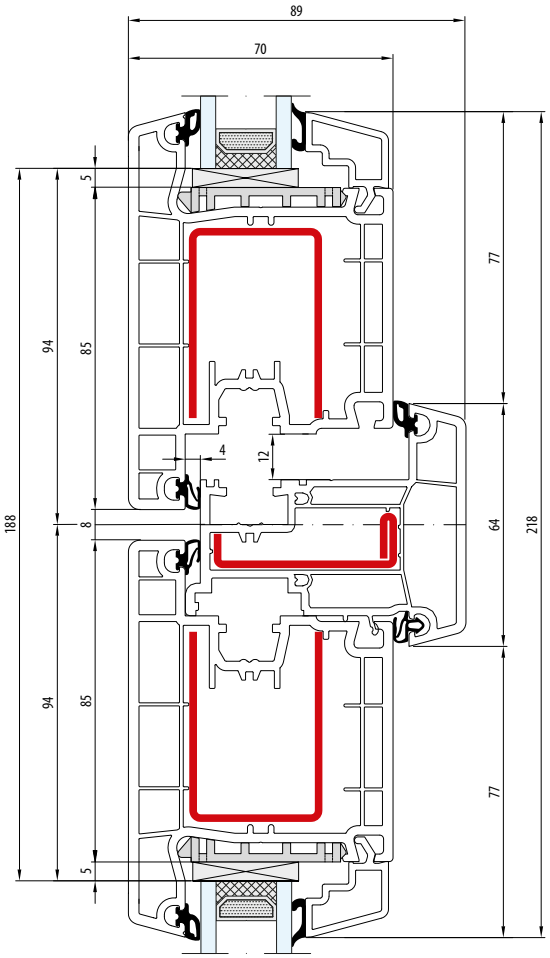


- Słupek ruchomy: 64 mm · Skrzydło: 105 mm
- Meneau mobile: 64 mm · Vantail: 105 mm
- Movable post: 64 mm · Sash: 105 mm
- Stulp: 64 mm · Flügel: 105 mm
- Montante mobile: 64 mm · Anta: 105 mm
- Verplaatsbare stijl: 64 mm · Vleugel: 105 mm

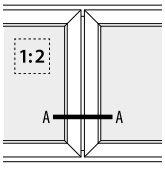


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- Słupek ruchomy: 64 mm · Skrzydło: 105 mm
- Meneau mobile: 64 mm · Vantail: 105 mm
- Movable post: 64 mm · Sash: 105 mm
- Stulp: 64 mm · Flügel: 105 mm
- Montante mobile: 64 mm · Anta: 105 mm
- Verplaatsbare stijl: 64 mm · Vleugel: 105 mm

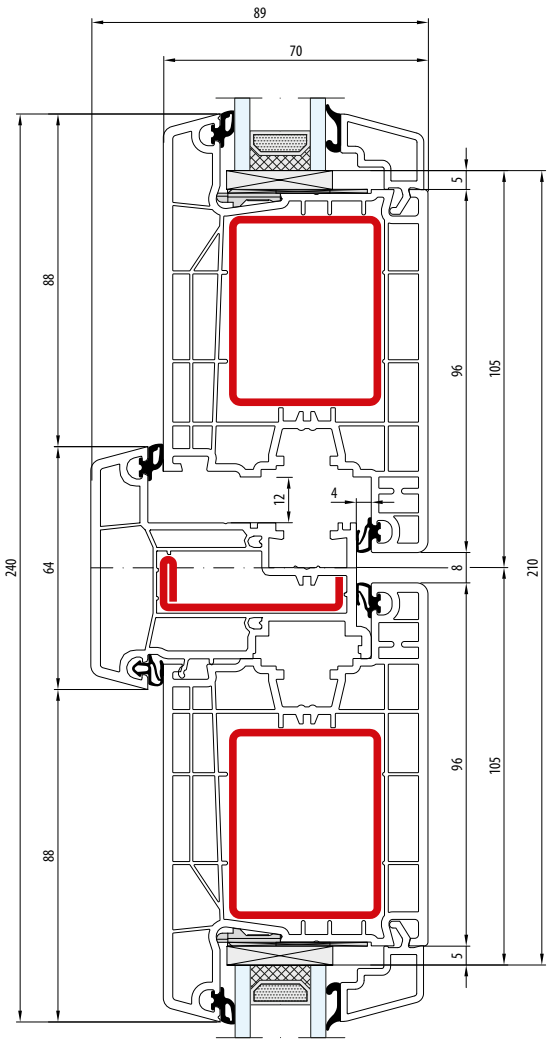




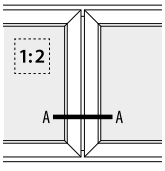






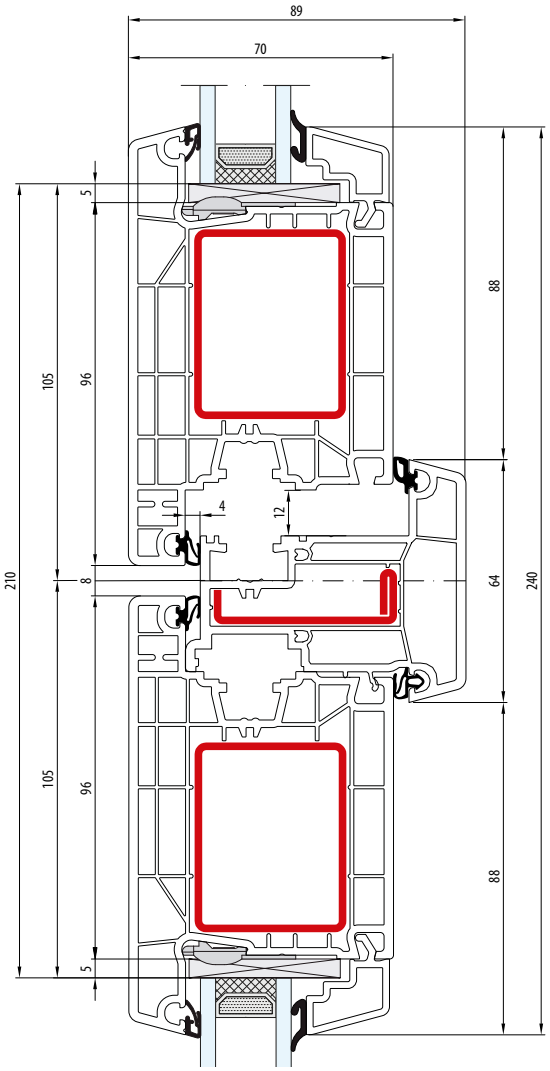


- Słupek ruchomy: 64 mm · Skrzydło: 116 mm
- Meneau mobile: 64 mm · Vantail: 116 mm
- Movable post: 64 mm · Sash: 116 mm
- Stulp: 64 mm · Flügel: 116 mm
- Montante mobile: 64 mm · Anta: 116 mm
- Verplaatsbare stijl: 64 mm · Vleugel: 116 mm

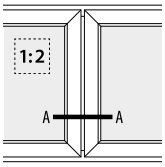


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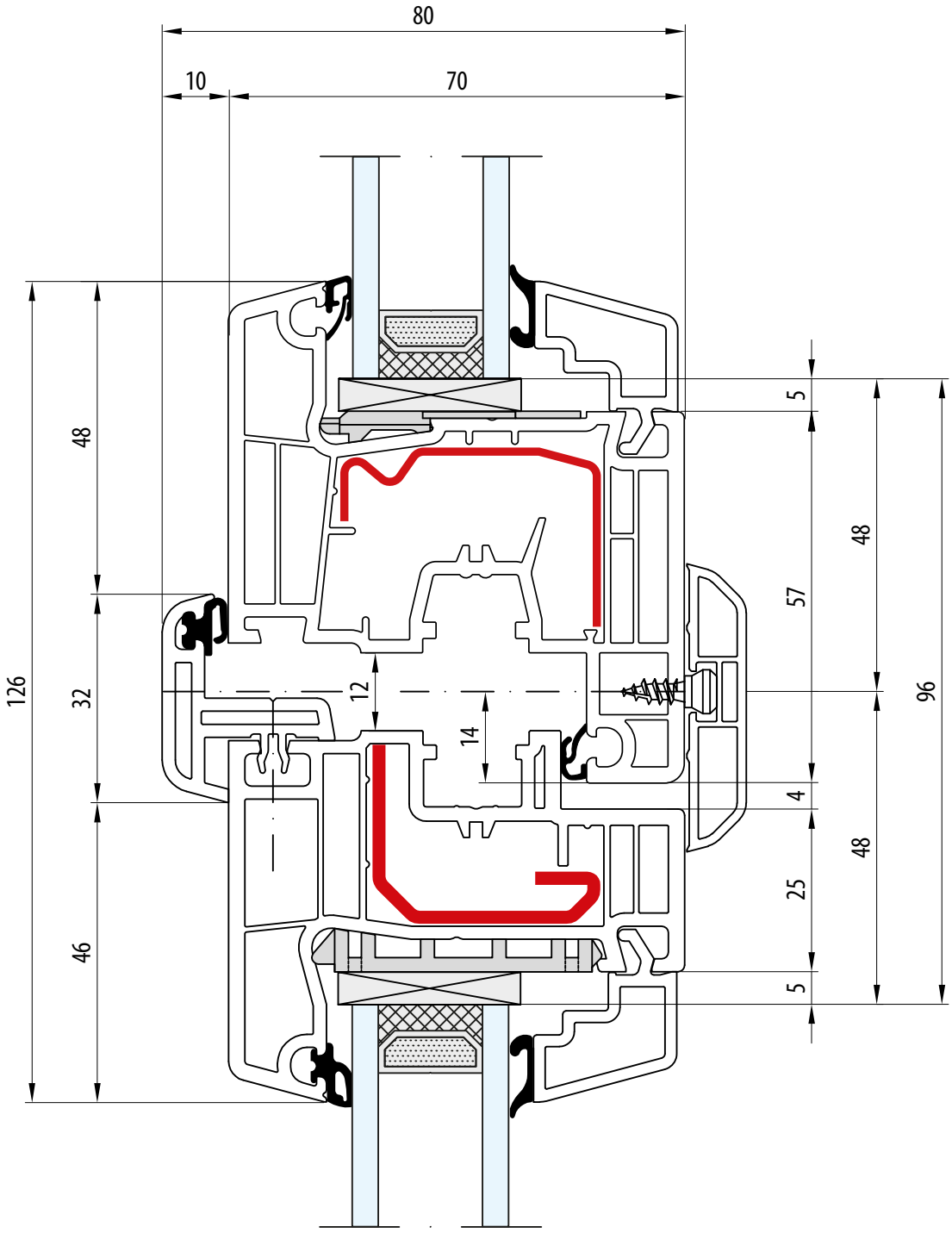


- Słupek ruchomy: 64 mm · Skrzydło: 120 mm
- Meneau mobile: 64 mm · Vantail: 120 mm
- Movable post: 64 mm · Sash: 120 mm
- Stulp: 64 mm · Flügel: 120 mm
- Montante mobile: 64 mm · Anta: 120 mm
- Verplaatsbare stijl: 64 mm · Vleugel: 120 mm

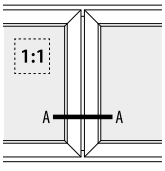


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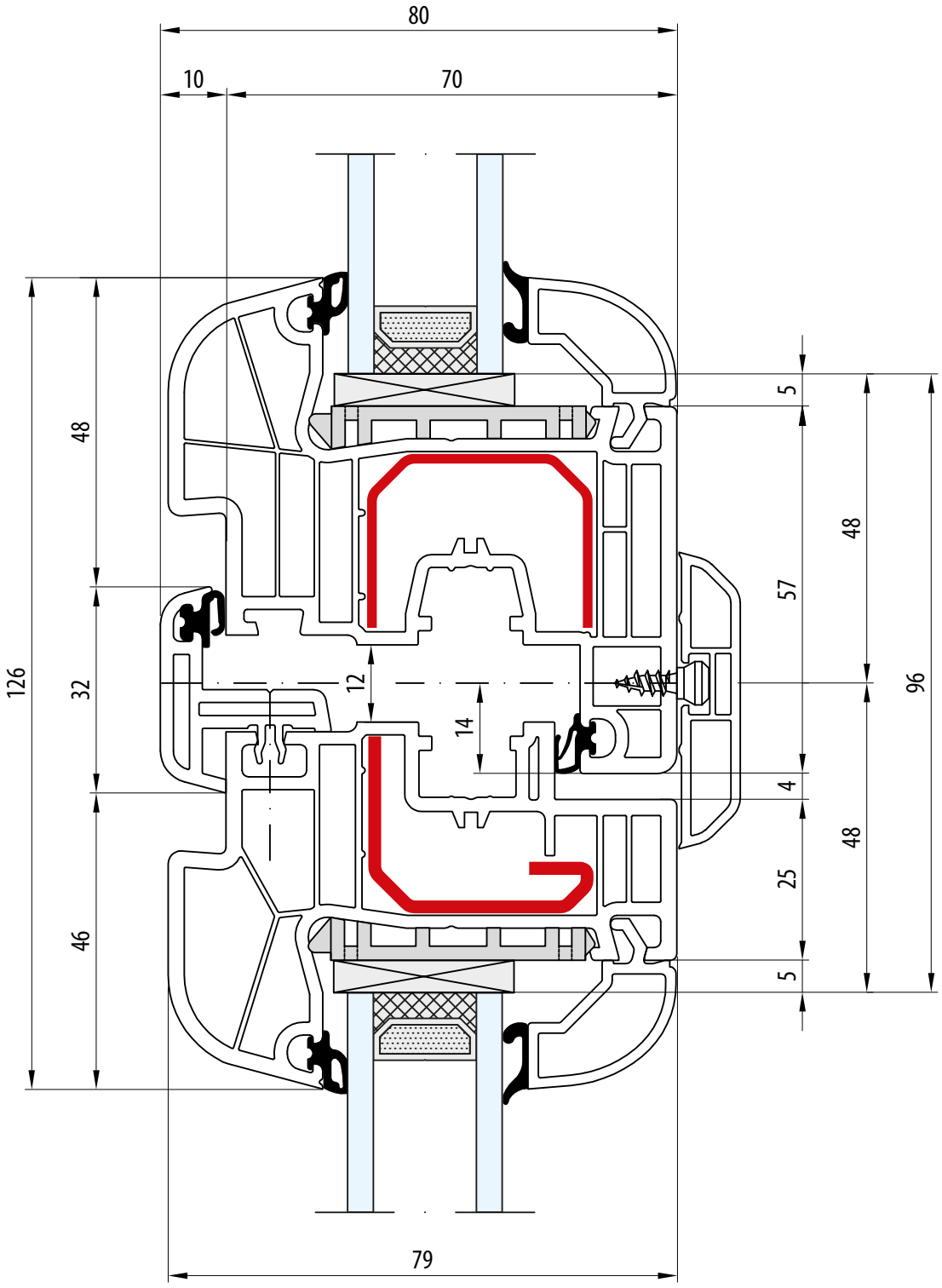


- Klamka centralna · Skrzydło: 77 mm
- Battue centrée · Vantail: 77 mm
- Central handle · Sash: 77 mm
- Zentrale Olive · Flügel: 77 mm
- Maniglia centrale · Anta: 77 mm
- Centrale handgreep · Vleugel: 77 mm

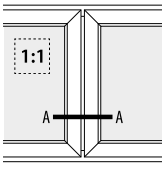


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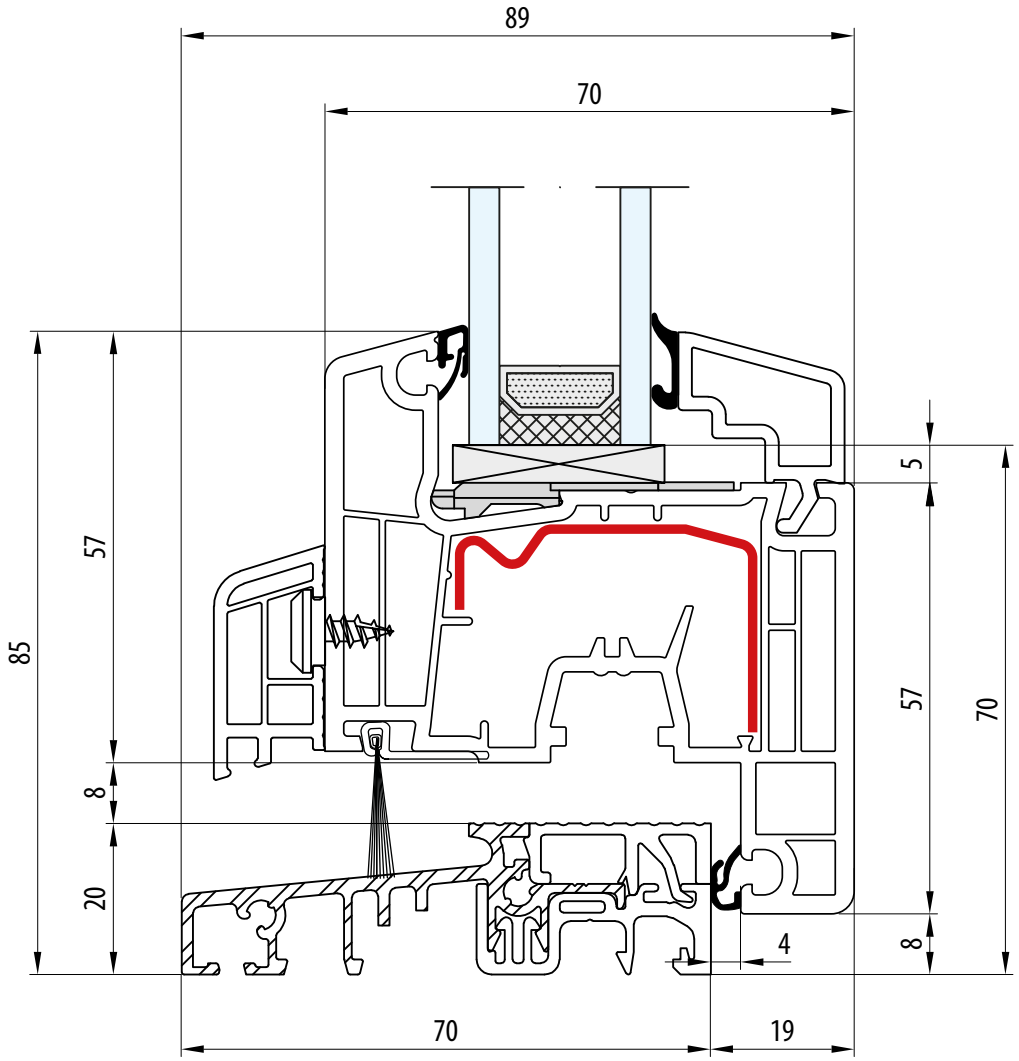


- Klamka centralna · Skrzydło: 77 mm
- Battue centrée · Vantail: 77 mm
- Central handle · Sash: 77 mm
- Zentrale Olive · Flügel: 77 mm
- Maniglia centrale · Anta: 77 mm
- Centrale handgreep · Vleugel: 77 mm

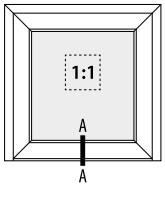


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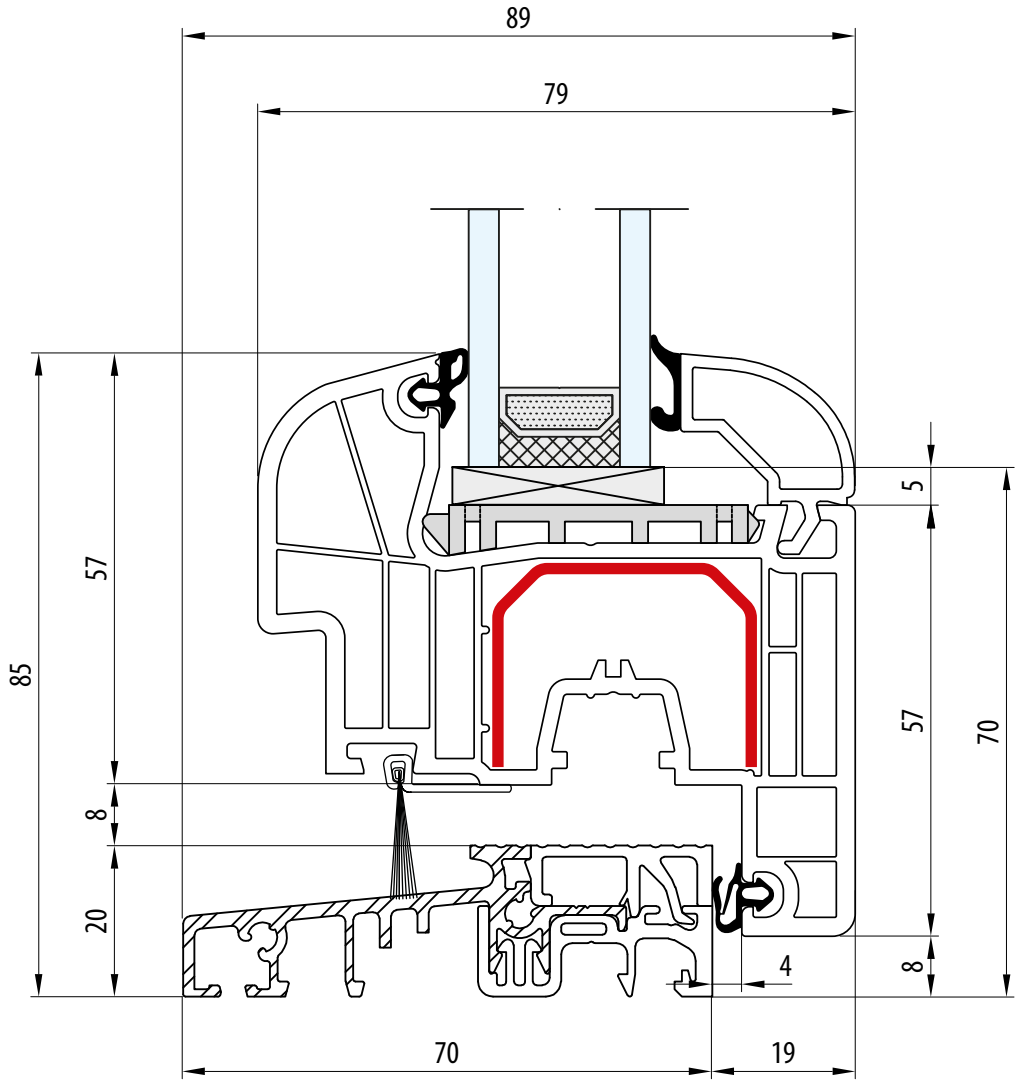


Próg: 20 mm · Skrzydło: 77 mm
Seuil: 20 mm · Vantail: 77 mm
Threshold: 20 mm · Sash: 77 mm
Schwelle: 20 mm · Flügel: 77 mm
Soglia: 20 mm · Anta: 77 mm
Dorpel: 20 mm · Vleugel: 77 mm

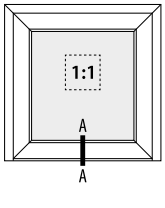


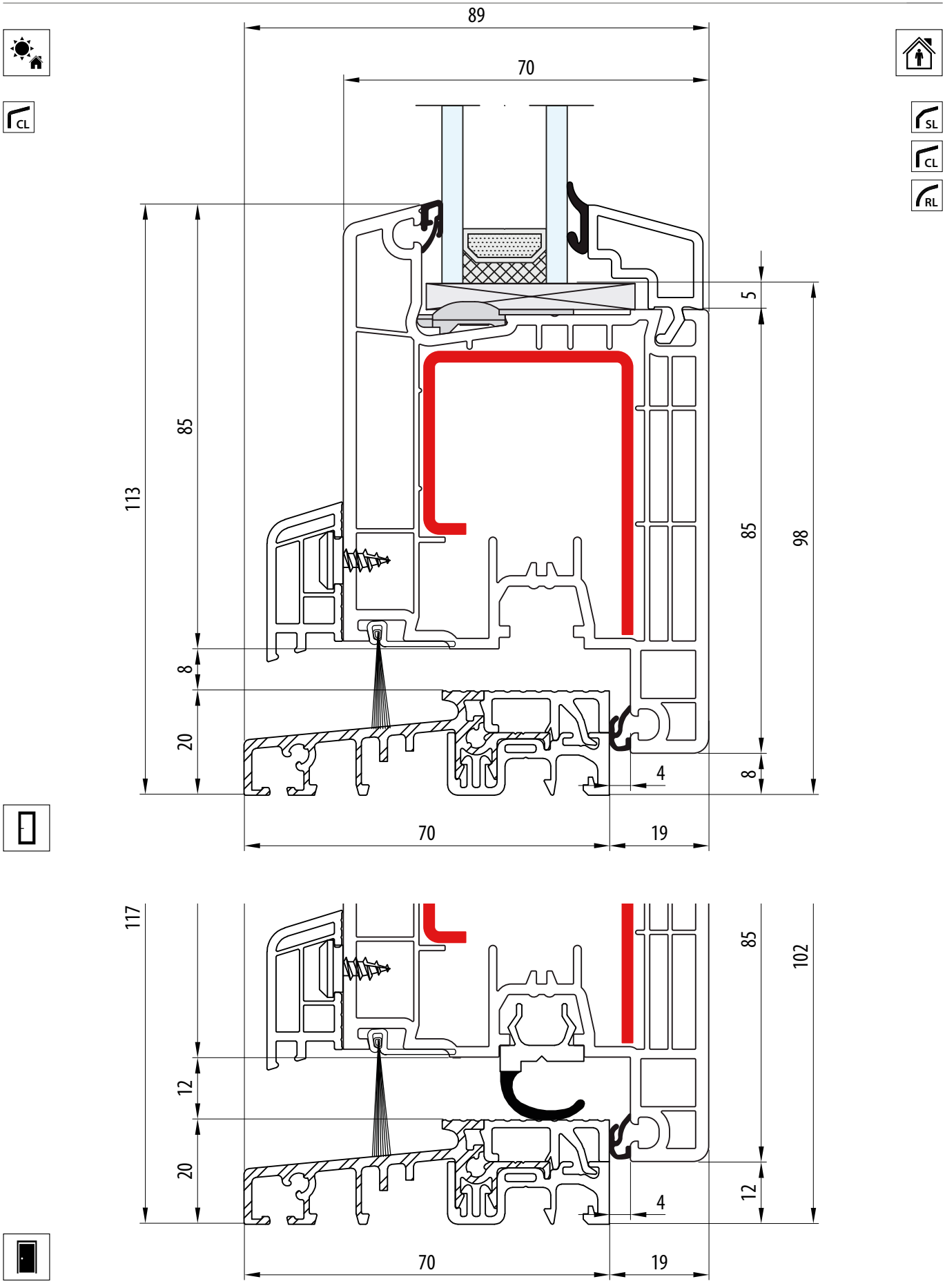
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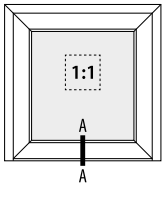


- Próg: 20 mm · Skrzydło: 77 mm
- Seuil: 20 mm · Vantail: 77 mm
- Threshold: 20 mm · Sash: 77 mm
- Schwelle: 20 mm · Flügel: 77 mm
- Soglia: 20 mm · Anta: 77 mm
- Dorpel: 20 mm · Vleugel: 77 mm



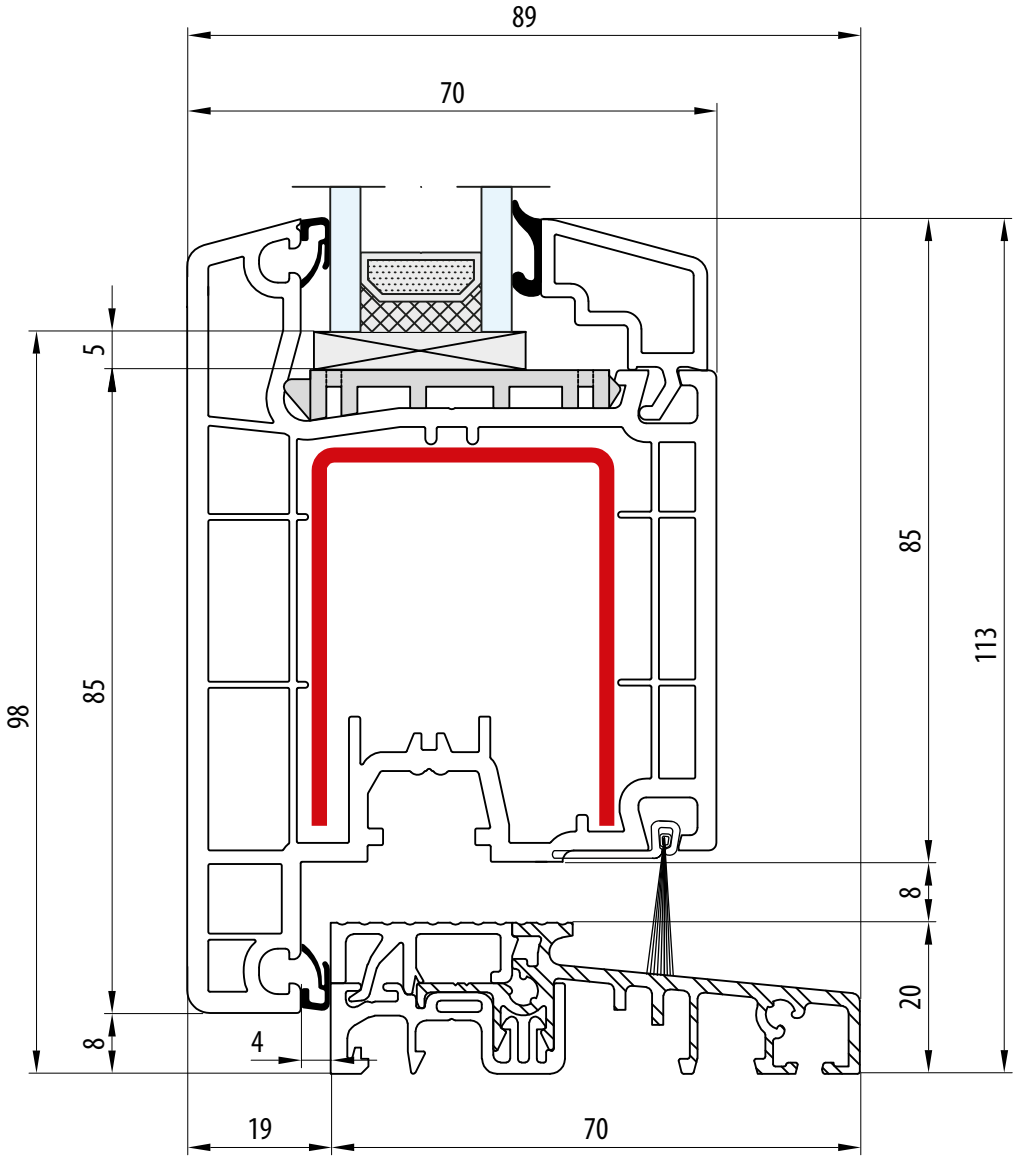


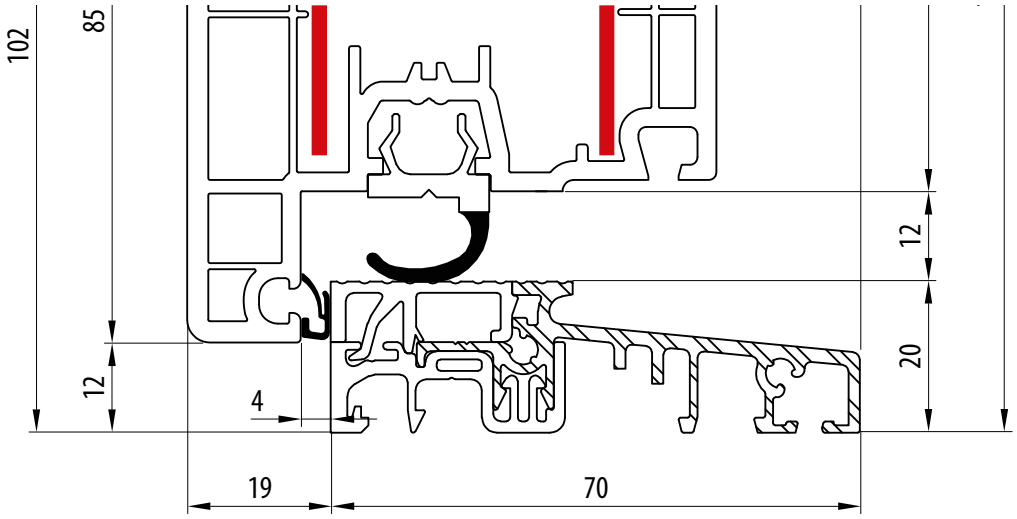
- Próg: 20 mm · Skrzydło: 105 mm
- Seuil: 20 mm · Vantail: 105 mm
- Threshold: 20 mm · Sash: 105 mm
- Schwelle: 20 mm · Flügel: 105 mm
- Soglia: 20 mm · Anta: 105 mm
- Dorpel: 20 mm · Vleugel: 105 mm



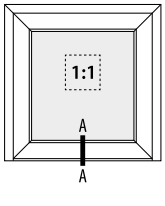
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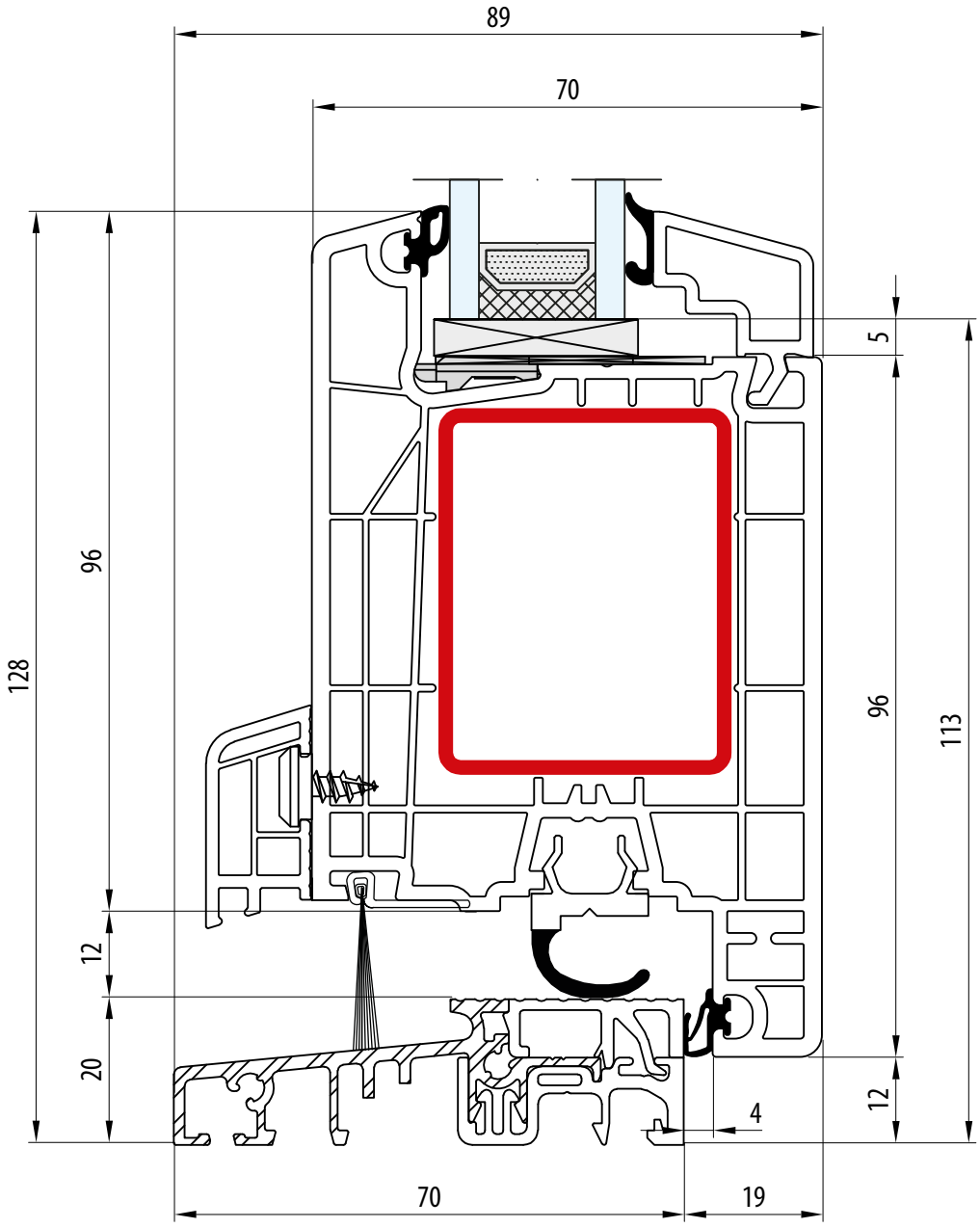
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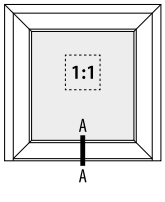


Próg: 20 mm · Skrzydło: 105 mm
Seuil: 20 mm · Vantail: 105 mm
Threshold: 20 mm · Sash: 105 mm
Schwelle: 20 mm · Flügel: 105 mm
Soglia: 20 mm · Anta: 105 mm
Soglia: 20 mm · Vleugel: 105 mm



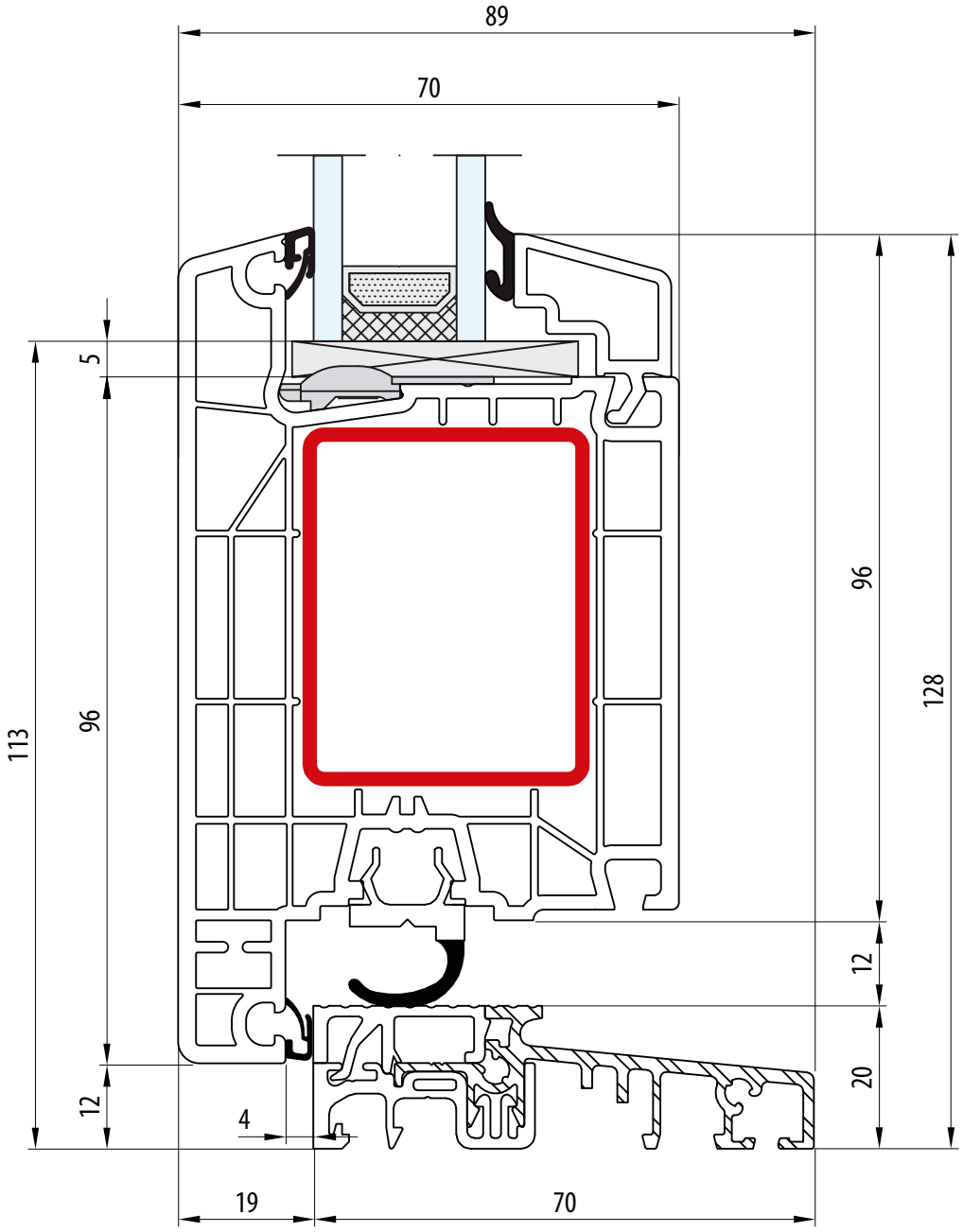


- Próg: 20 mm · Skrzydło: 116 mm
- Seuil: 20 mm · Vantail: 116 mm
- Threshold: 20 mm · Sash: 116 mm
- Schwelle: 20 mm · Flügel: 116 mm
- Soglia: 20 mm · Anta: 116 mm
- Dorpel: 20 mm · Vleugel: 116 mm

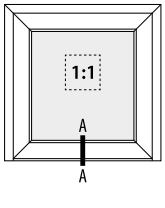


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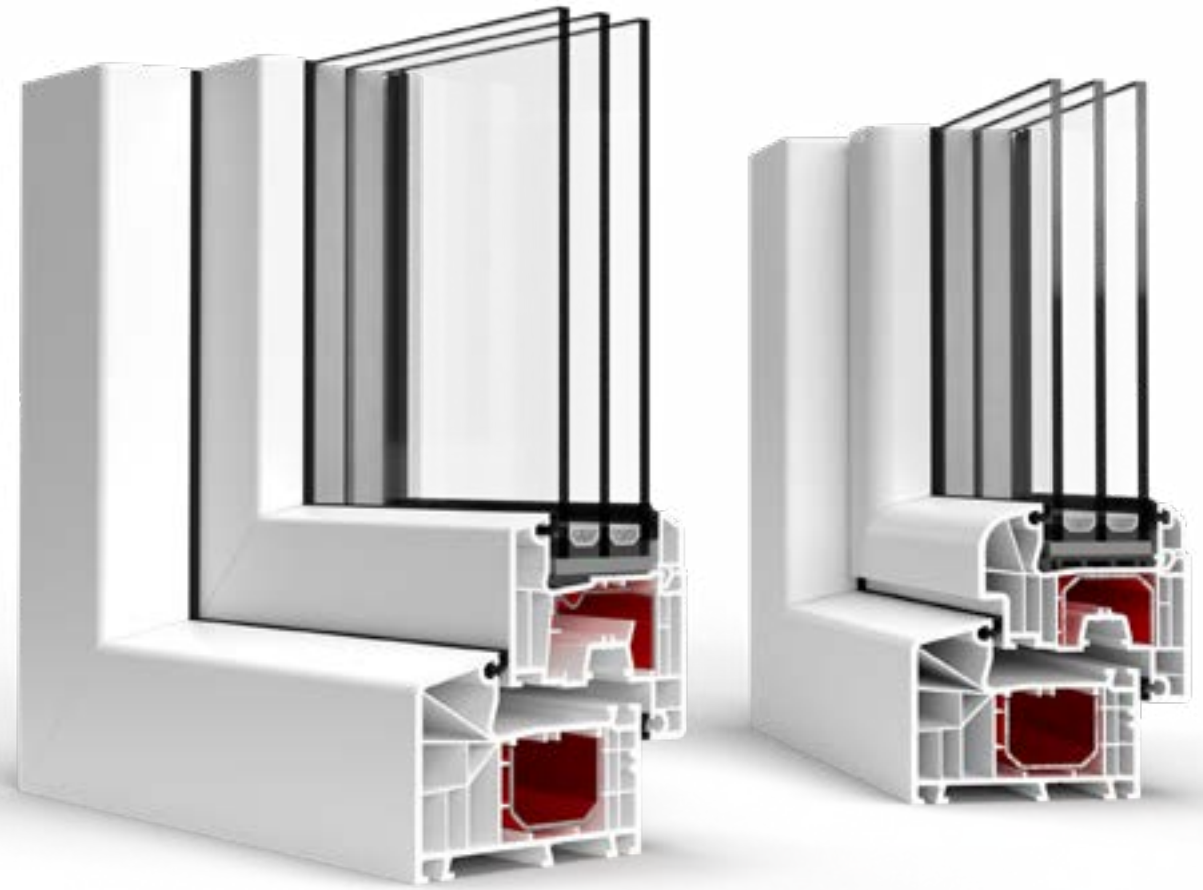
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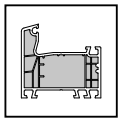


Próg: 20 mm · Skrzydło: 120 mm
Seuil: 20 mm · Vantail: 120 mm
Threshold: 20 mm · Sash: 120 mm
Schwelle: 20 mm · Flügel: 120 mm
Soglia: 20 mm · Anta: 120 mm
Dorpel: 20 mm · Vleugel: 120 mm

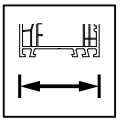


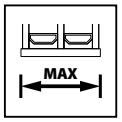
IDEAL 4000 NEW



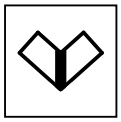

6

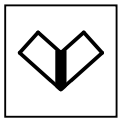

2


85

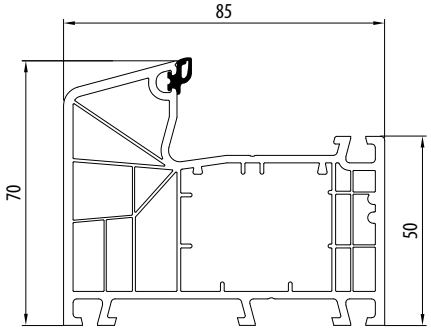


42

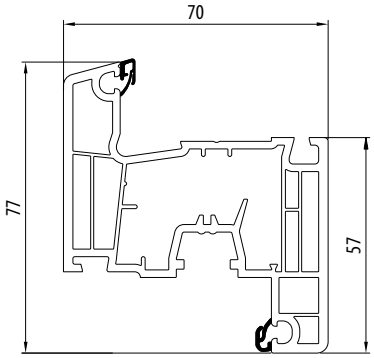




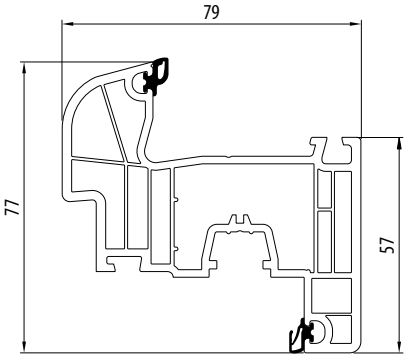




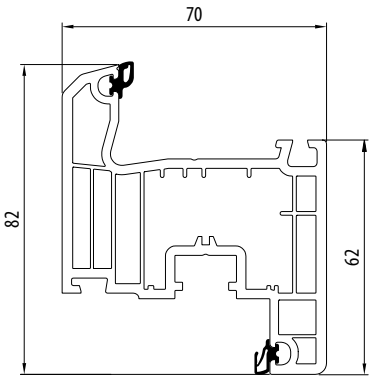
CL 140x00



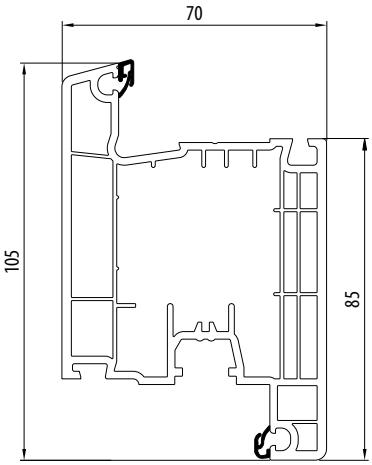
CL 140x20



RL 140x22

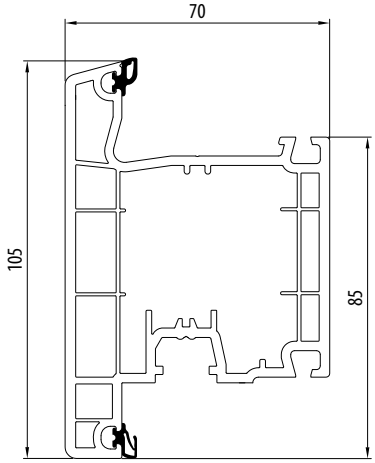


SL A* CLASS 140x23

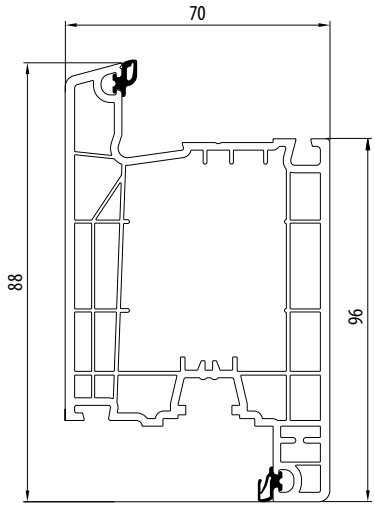


CL 140x30

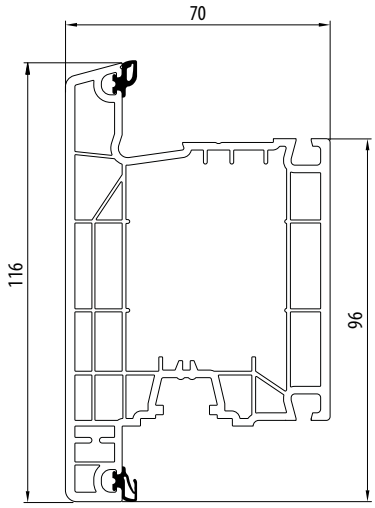
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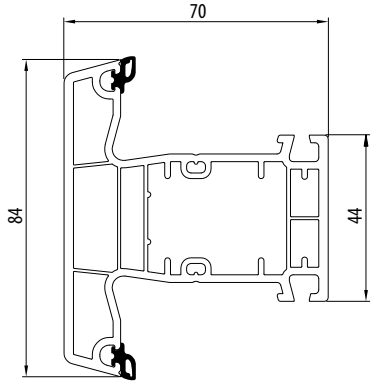
CL 140x31



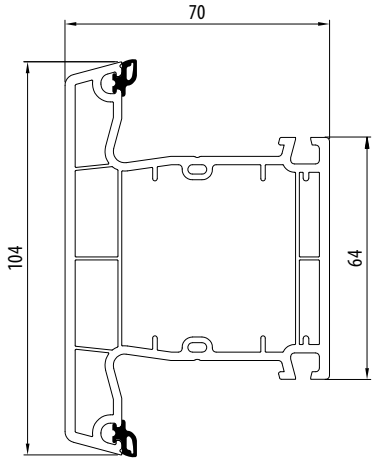
CL 140x33



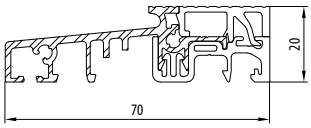
CL 140x35



CL 140x41



CL 140x45

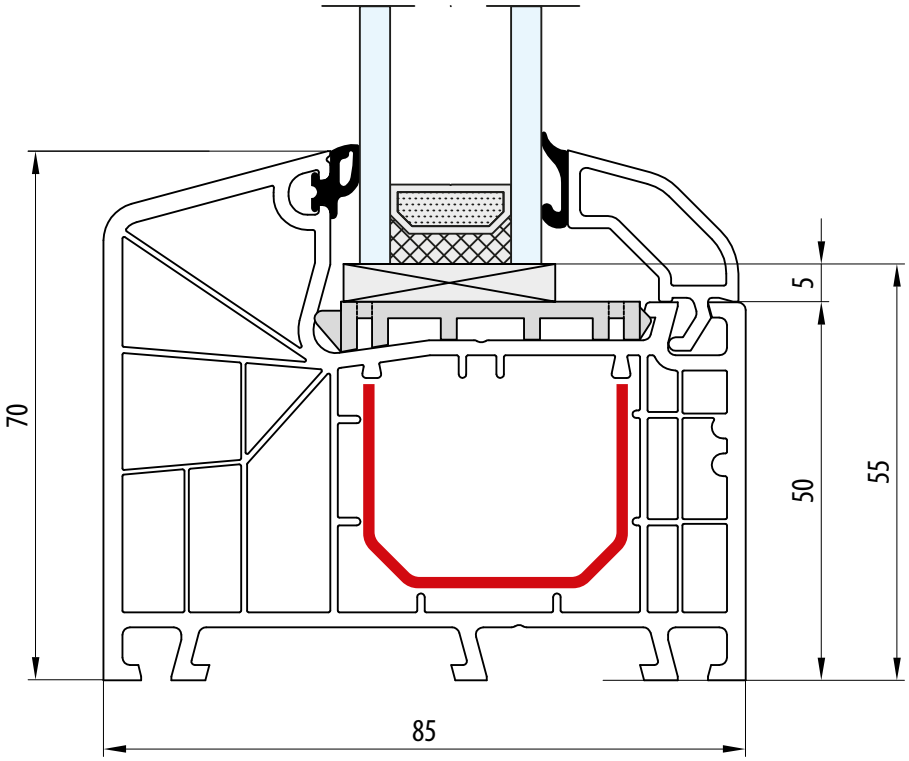


alu - 20 mm

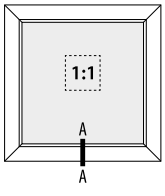
1:2

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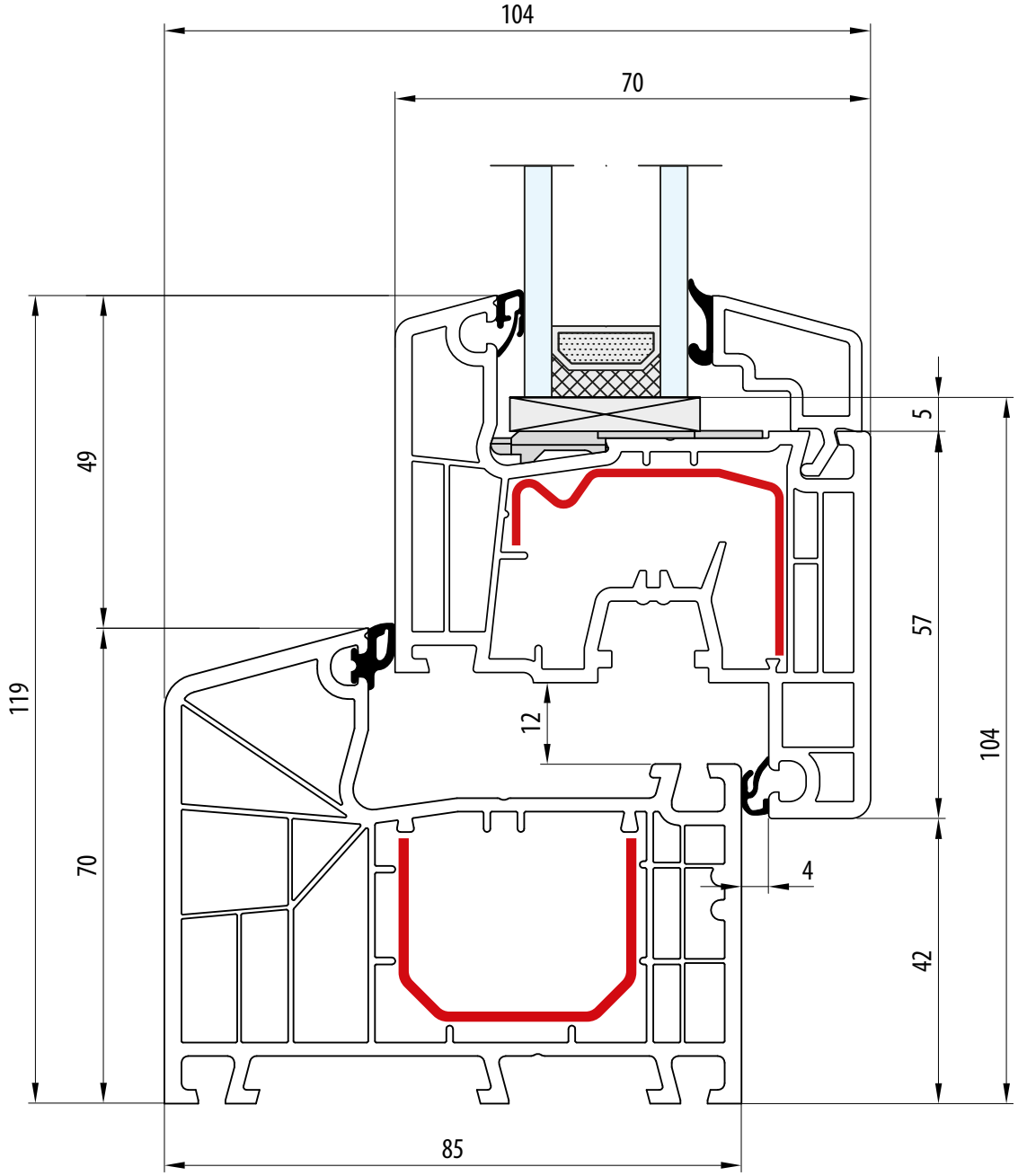


Rama: 70 mm
Dormant: 70 mm
Frame: 70 mm
Rahmen: 70 mm
Telaio: 70 mm
Kader: 70 mm

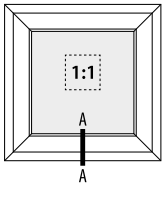


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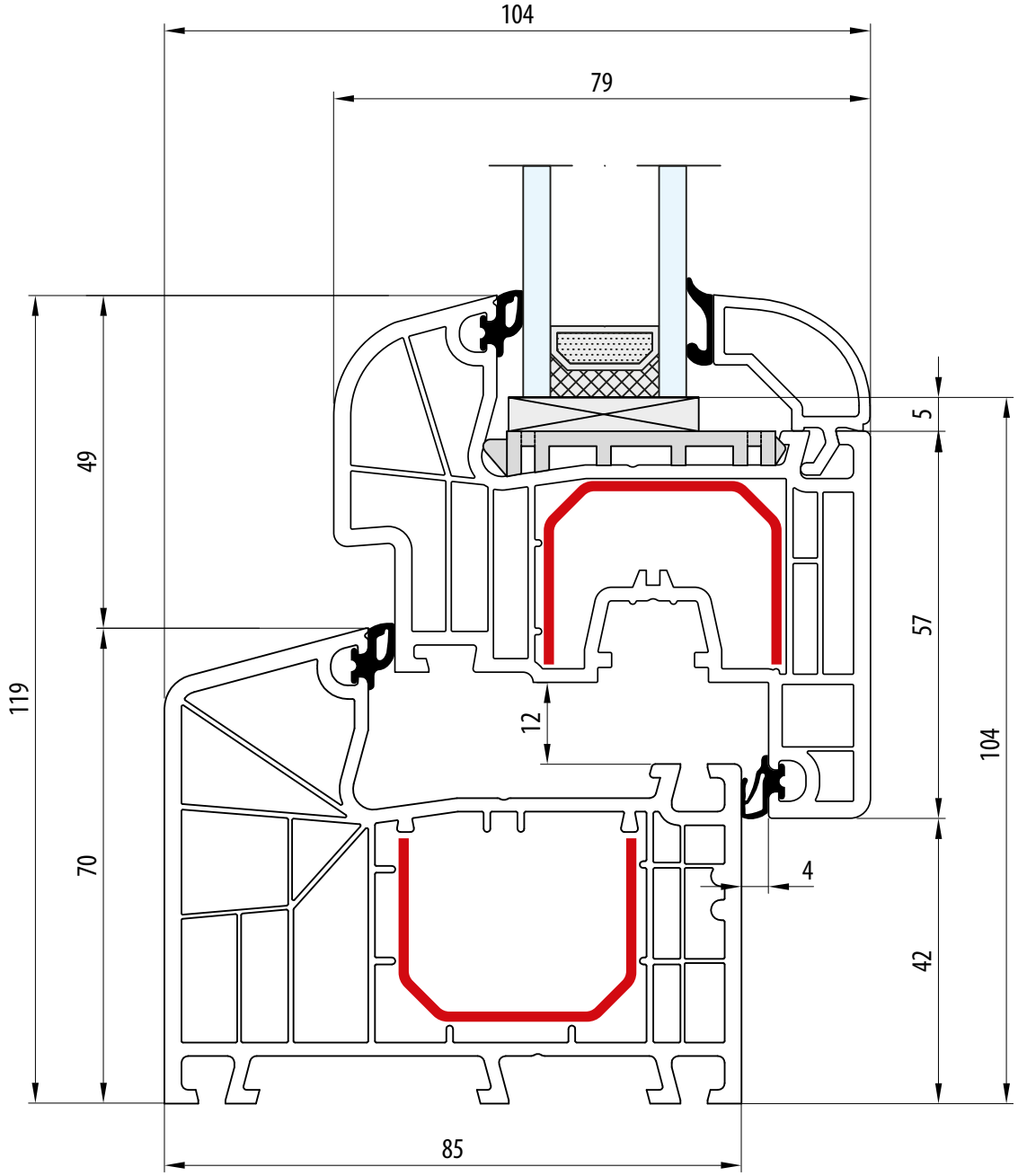


- Rama: 70 mm · Skrzydło: 77 mm
- Dormant: 70 mm · Vantail: 77 mm
- Frame: 70 mm · Sash: 77 mm
- Rahmen: 70 mm · Flügel: 77 mm
- Telaio: 70 mm · Anta: 77 mm
- Kader: 70 mm · Vleugel: 77 mm

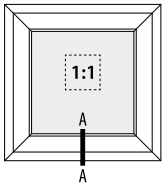


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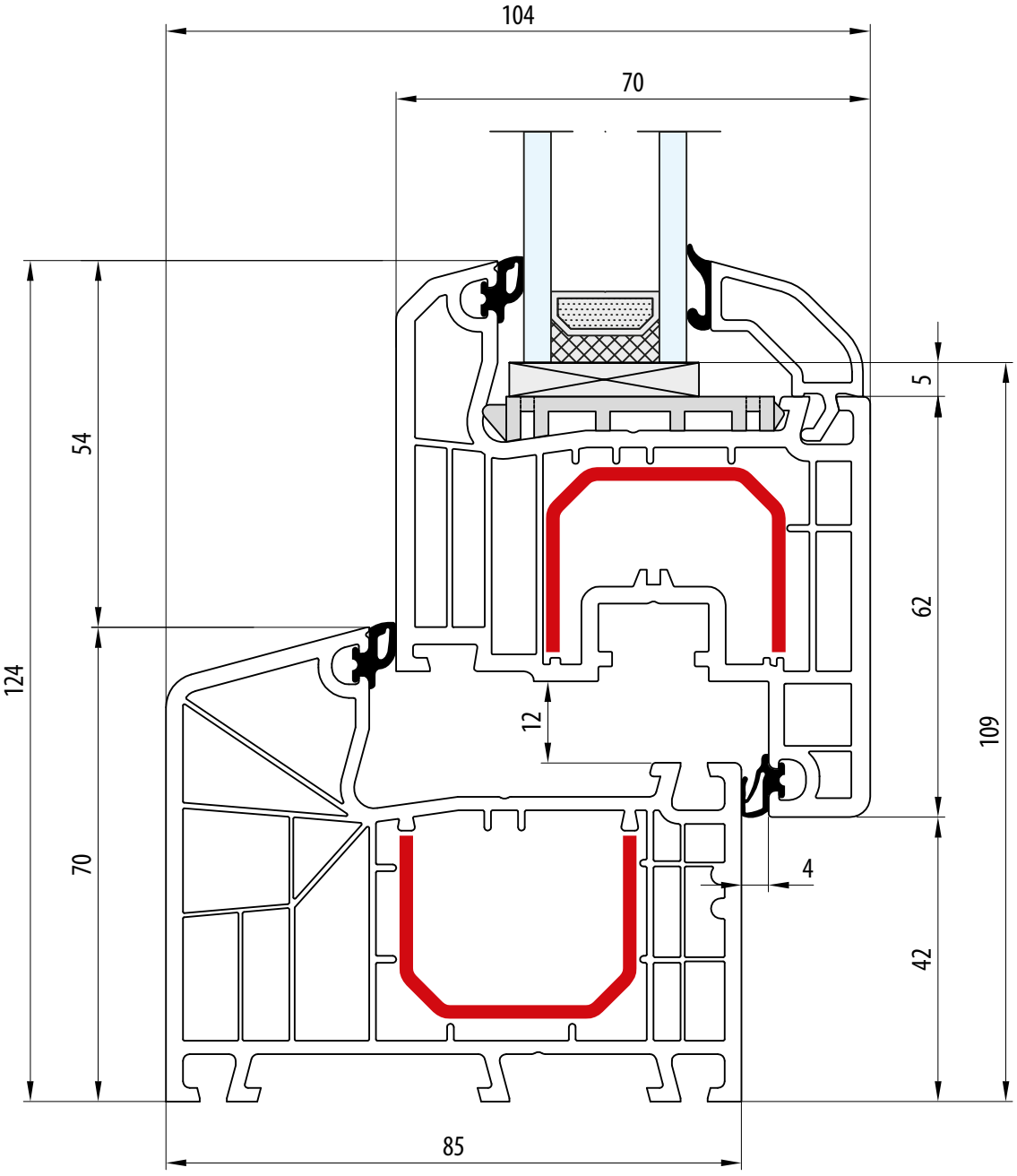


Rama: 70 mm · Skrzydło: 77 mm
Dormant: 70 mm · Vantail: 77 mm
Frame: 70 mm · Sash: 77 mm
Rahmen: 70 mm · Flügel: 77 mm
Telaio: 70 mm · Anta: 77 mm
Kader: 70 mm · Vleugel: 77 mm

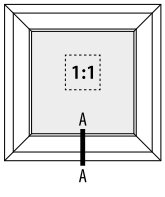


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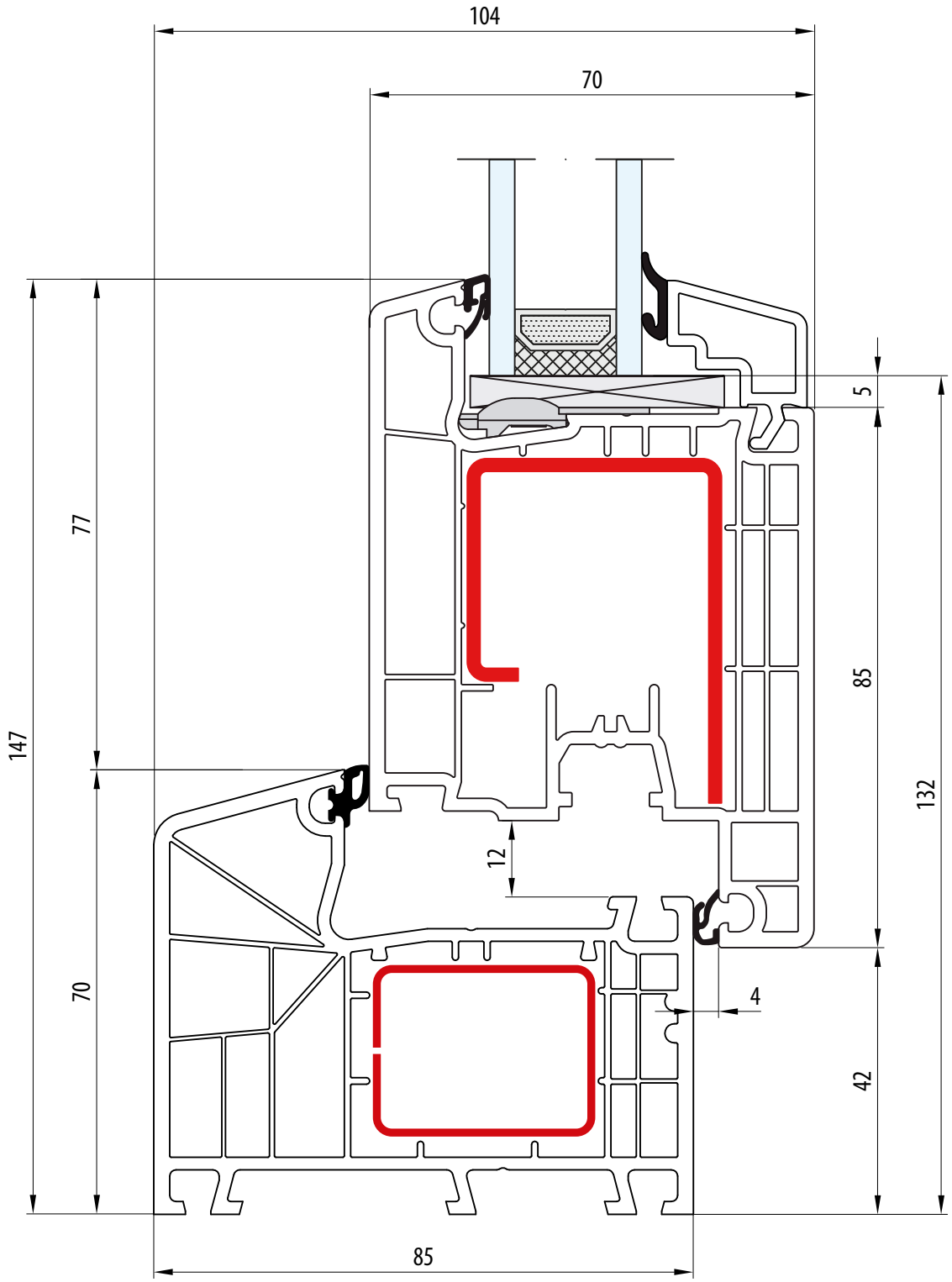


Rama: 65 mm · Skrzydło: 82 mm
Dormant: 65 mm · Vantail: 82 mm
Frame: 65 mm · Sash: 82 mm
Rahmen: 65 mm · Flügel: 82 mm
Telaio: 65 mm · Anta: 82 mm
Kader: 65 mm · Vleugel: 82 mm

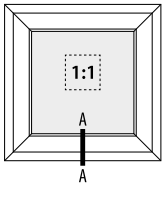


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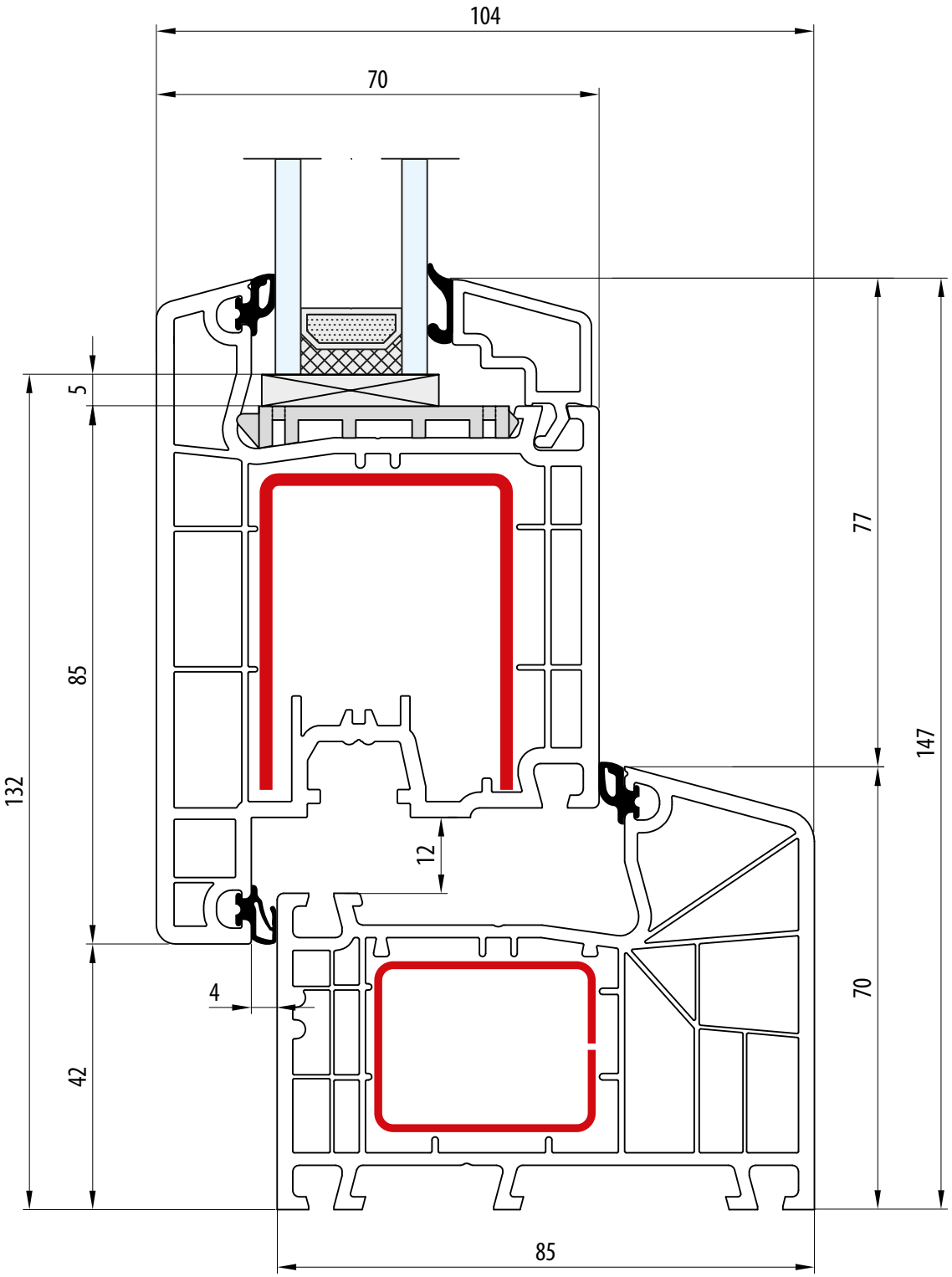


Rama: 70 mm · Skrzydło: 105 mm
Dormant: 70 mm · Vantail: 105 mm
Frame: 70 mm · Sash: 105 mm
Rahmen: 70 mm · Flügel: 105 mm
Telaio: 70 mm · Anta: 105 mm
Kader: 70 mm · Vleugel: 105 mm

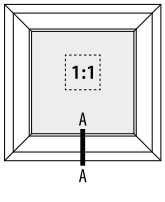


CL

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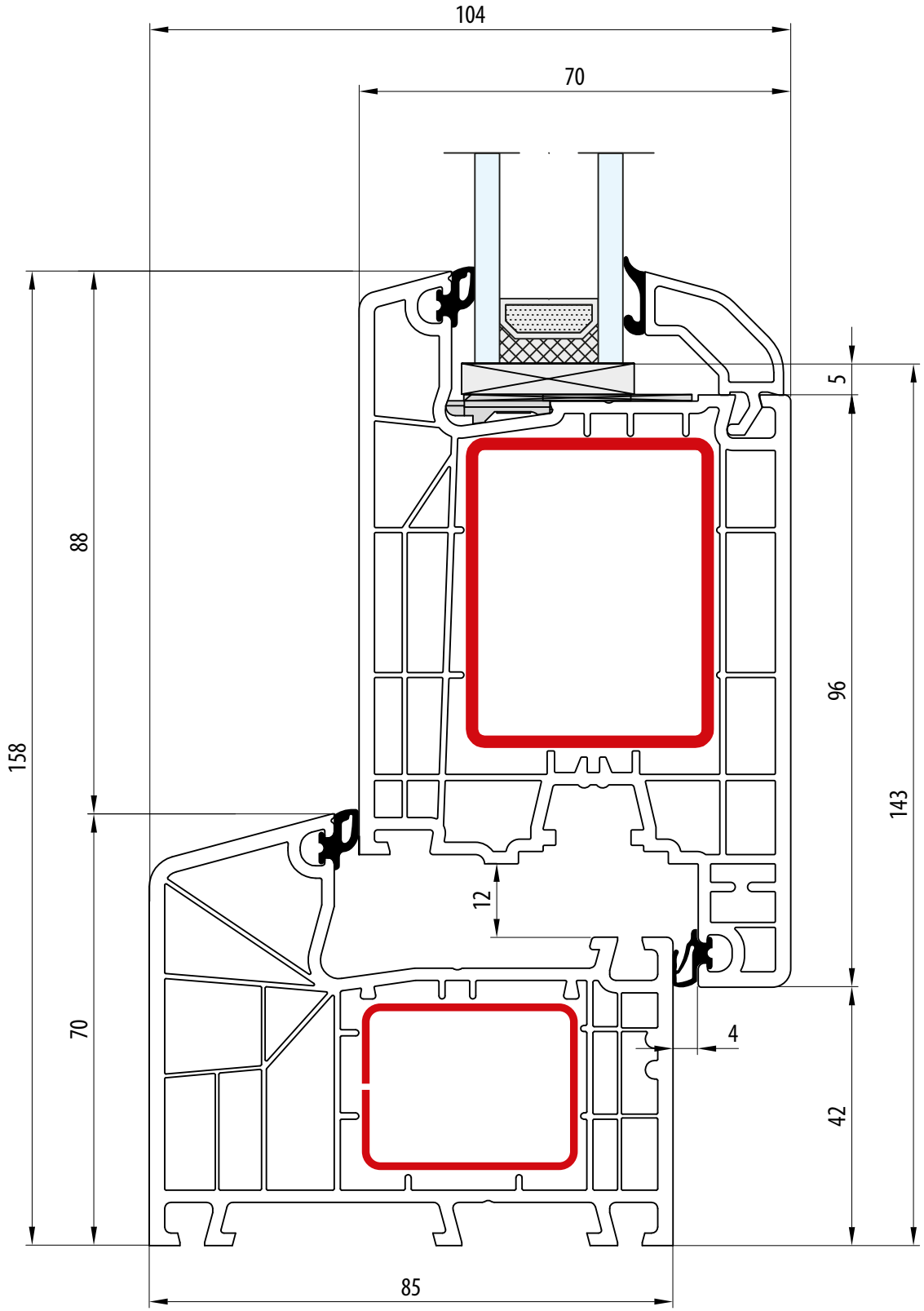


- Rama: 70 mm · Skrzydło: 105 mm
- Dormant: 70 mm · Vantail: 105 mm
- Frame: 70 mm · Sash: 105 mm
- Rahmen: 70 mm · Flügel: 105 mm
- Telaio: 70 mm · Anta: 105 mm
- Kader: 70 mm · Vleugel: 105 mm

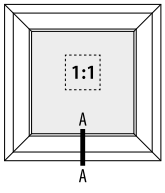


CL

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Rama: 70 mm · Skrzydło: 116 mm
Dormant: 70 mm · Vantail: 116 mm
Frame: 70 mm · Sash: 116 mm
Rahmen: 70 mm · Flügel: 116 mm
Telaio: 70 mm · Anta: 116 mm
Kader: 70 mm · Vleugel: 116 mm

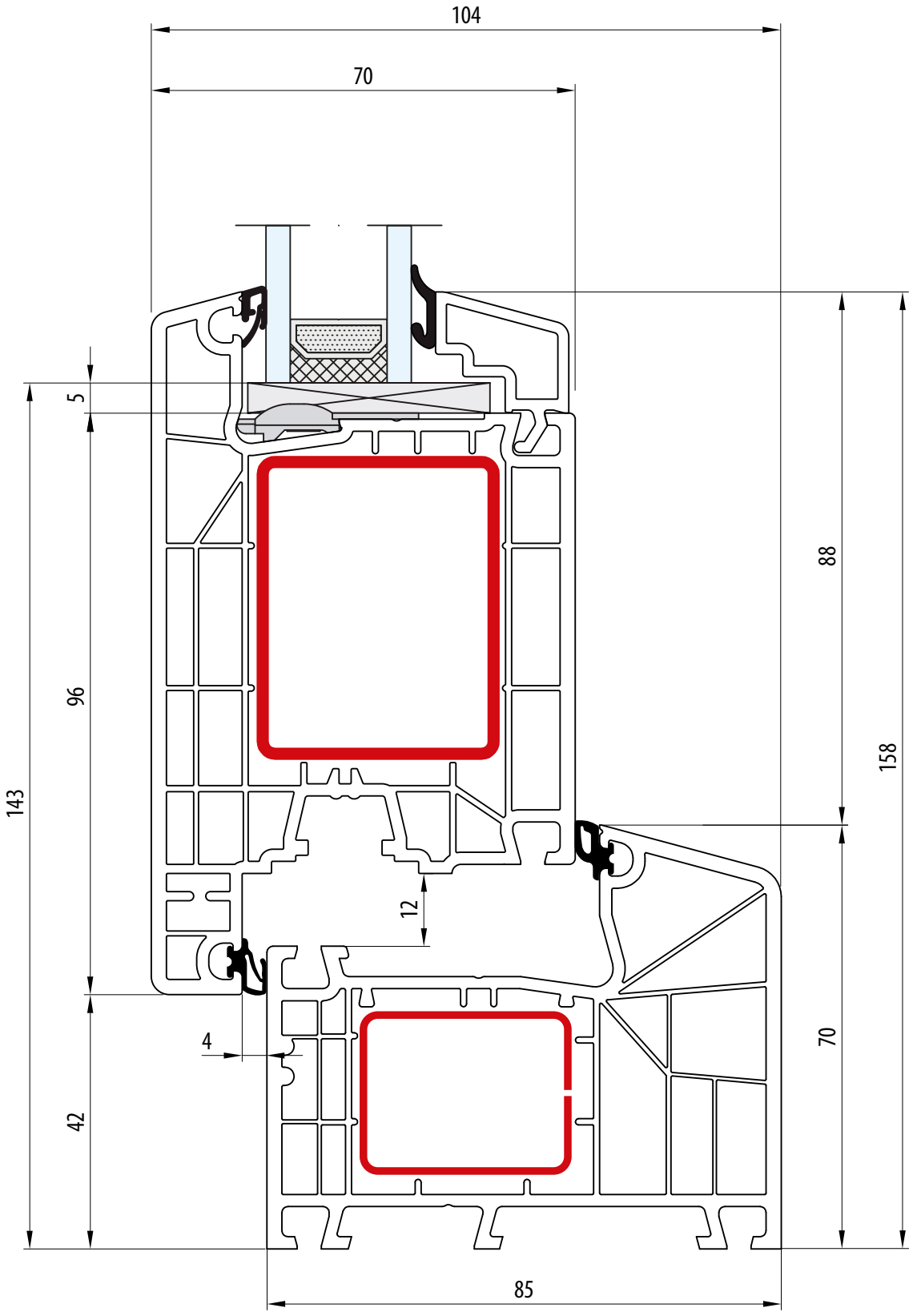




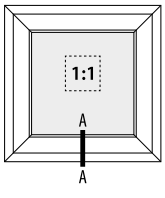






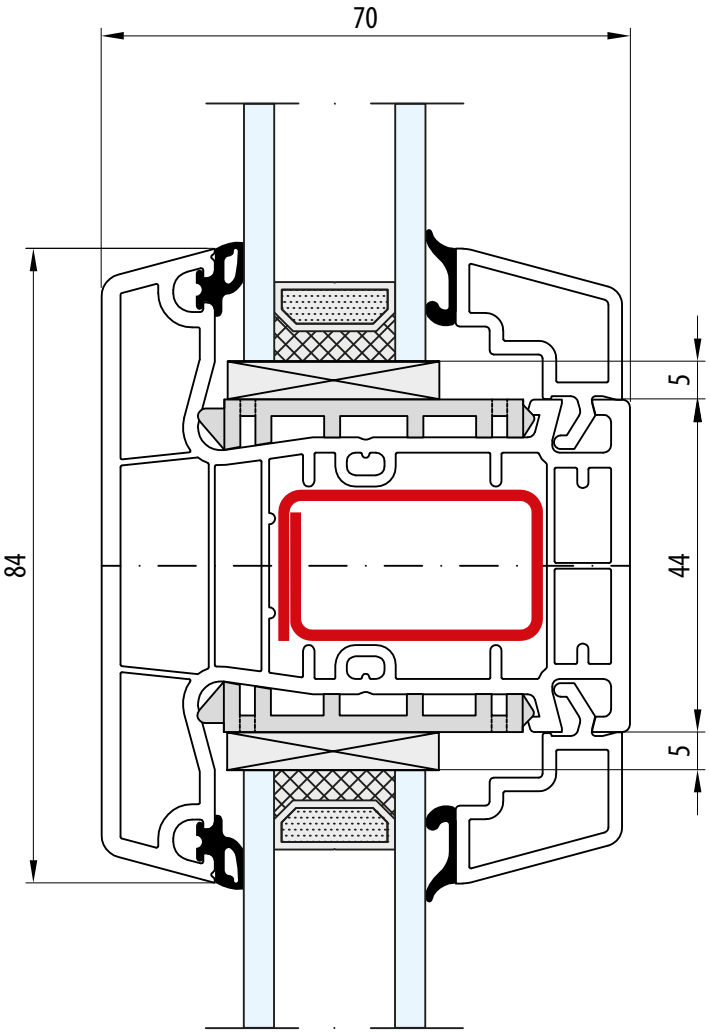


- Rama: 70 mm · Skrzydło: 120 mm
- Dormant: 70 mm · Vantail: 120 mm
- Frame: 70 mm · Sash: 120 mm
- Rahmen: 70 mm · Flügel: 120 mm
- Telaio: 70 mm · Anta: 120 mm
- Kader: 70 mm · Vleugel: 120 mm

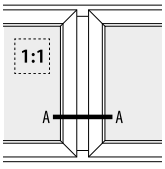


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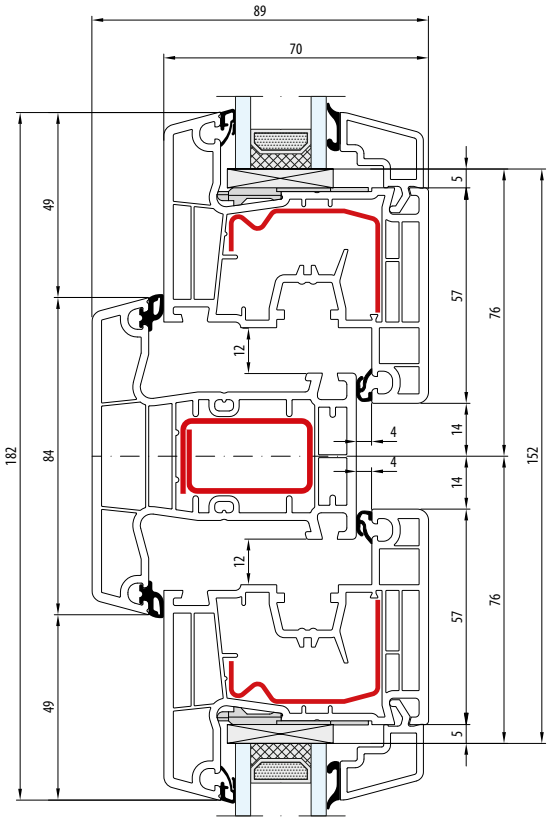


- Słupek stały: 84 mm
- Meneau fixe: 84 mm
- Fix post: 84 mm
- Festem Pfahl: 84 mm
- Montante fisso: 84 mm
- Vaste stijl: 84 mm

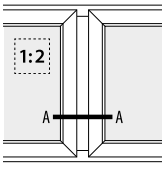


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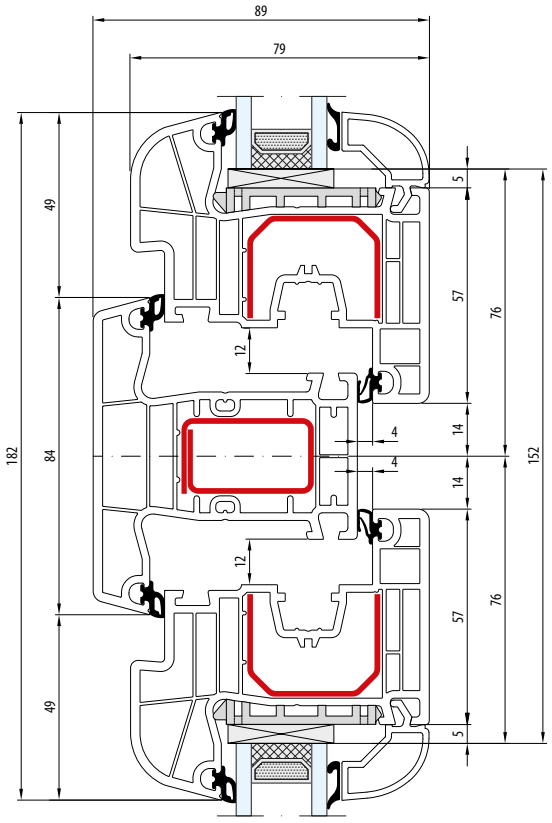


Słupek stały: 84 mm · Skrzydło: 77 mm
Meneau fixe: 84 mm · Vantail: 77 mm
Fix post: 84 mm · Sash: 77 mm
Festem Pfahl: 84 mm · Flügel: 77 mm
Montante fisso: 84 mm · Anta: 77 mm
Vaste stijl: 84 mm · Vleugel: 77 mm

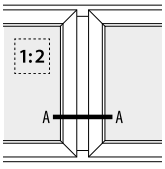


RL

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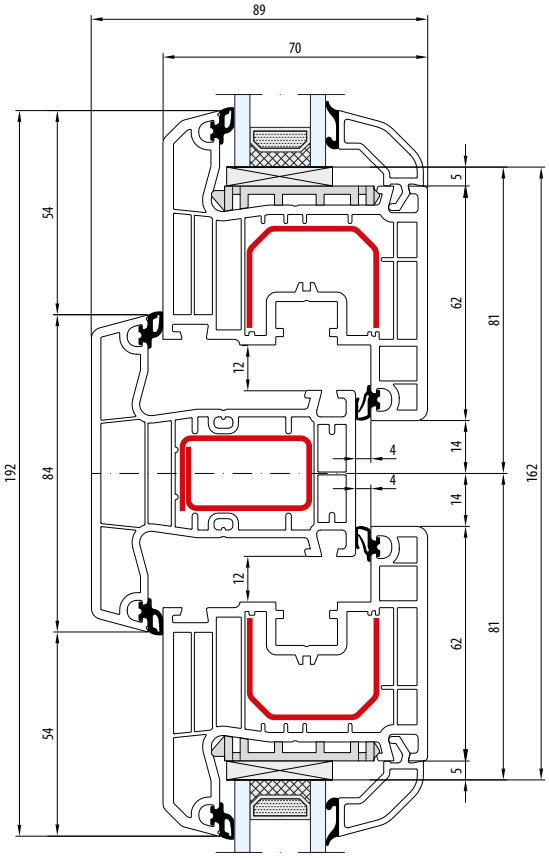


- Słupek stały: 84 mm · Skrzydło: 77 mm
- Meneau fixe: 84 mm · Vantail: 77 mm
- Fix post: 84 mm · Sash: 77 mm
- Festem Pfahl: 84 mm · Flügel: 77 mm
- Montante fisso: 84 mm · Anta: 77 mm
- Vaste stijl: 84 mm · Vleugel: 77 mm

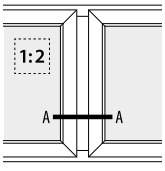


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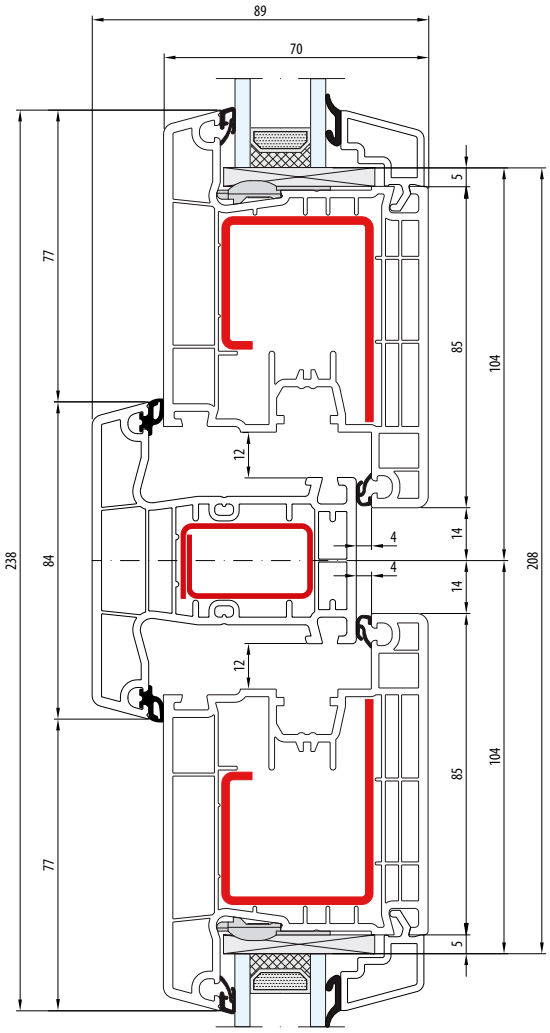


Słupek stały: 84 mm · Skrzydło: 82 mm
Meneau fixe: 84 mm · Vantail: 82 mm
Fix post: 84 mm · Sash: 82 mm
Festem Pfahl: 84 mm · Flügel: 82 mm
Montante fisso: 84 mm · Anta: 82 mm
Vaste stijl: 84 mm · Vleugel: 82 mm

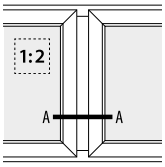


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Słupek stały: 84 mm · Skrzydło: 105 mm
Meneau fixe: 84 mm · Vantail: 105 mm
Fix post: 84 mm · Sash: 105 mm
Festem Pfahl: 84 mm · Flügel: 105 mm
Montante fisso: 84 mm · Anta: 105 mm
Vaste stijl: 84 mm · Vleugel: 105 mm

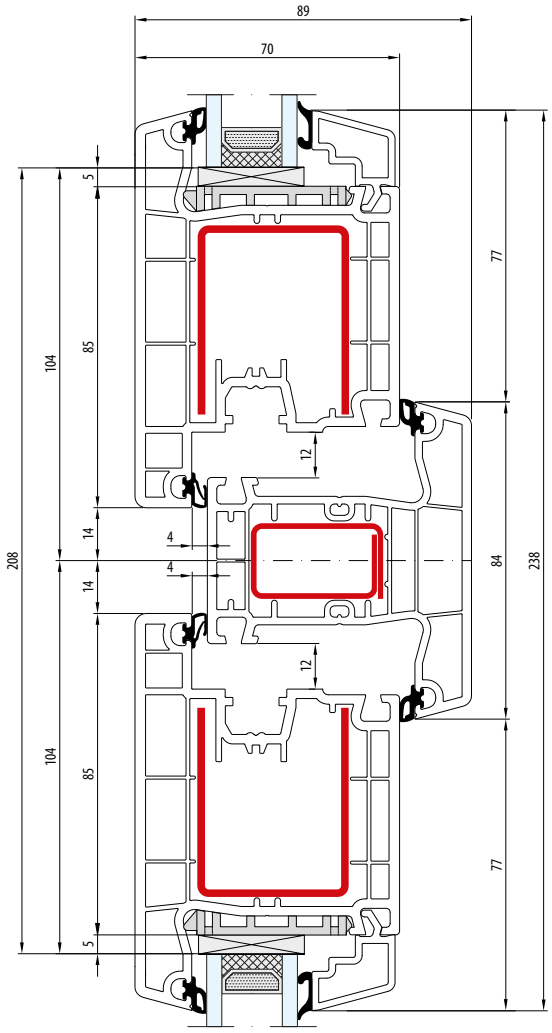




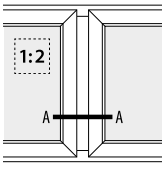






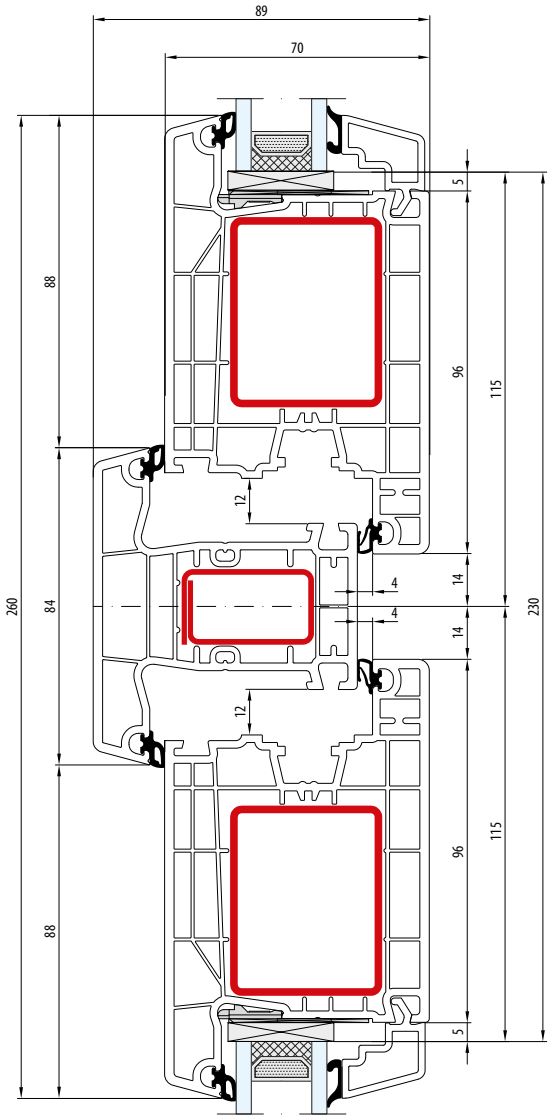


- Słupek stały: 84 mm · Skrzydło: 105 mm
- Meneau fixe: 84 mm · Vantail: 105 mm
- Fix post: 84 mm · Sash: 105 mm
- Festem Pfahl: 84 mm · Flügel: 105 mm
- Montante fisso: 84 mm · Anta: 105 mm
- Vaste stijl: 84 mm · Vleugel: 105 mm

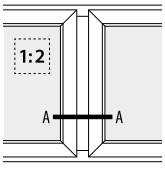


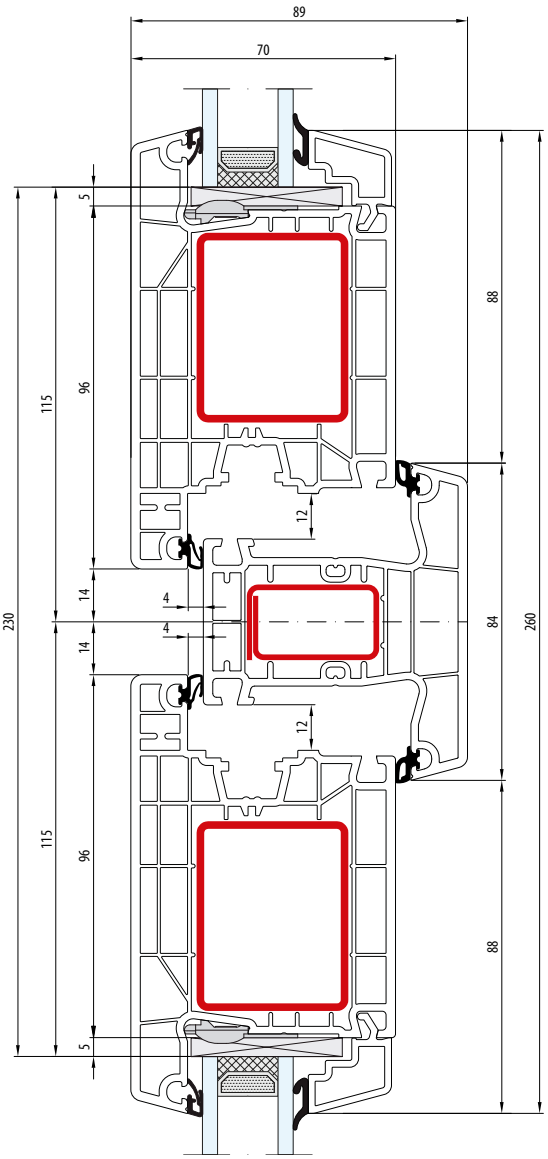
CL

SL CL RL

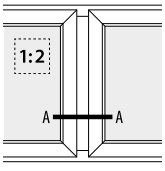


- Słupek stały: 84 mm · Skrzydło: 116 mm
- Meneau fixe: 84 mm · Vantail: 116 mm
- Fix post: 84 mm · Sash: 116 mm
- Festem Pfahl: 84 mm · Flügel: 116 mm
- Montante fisso: 84 mm · Anta: 116 mm
- Vaste stijl: 84 mm · Vleugel: 116 mm



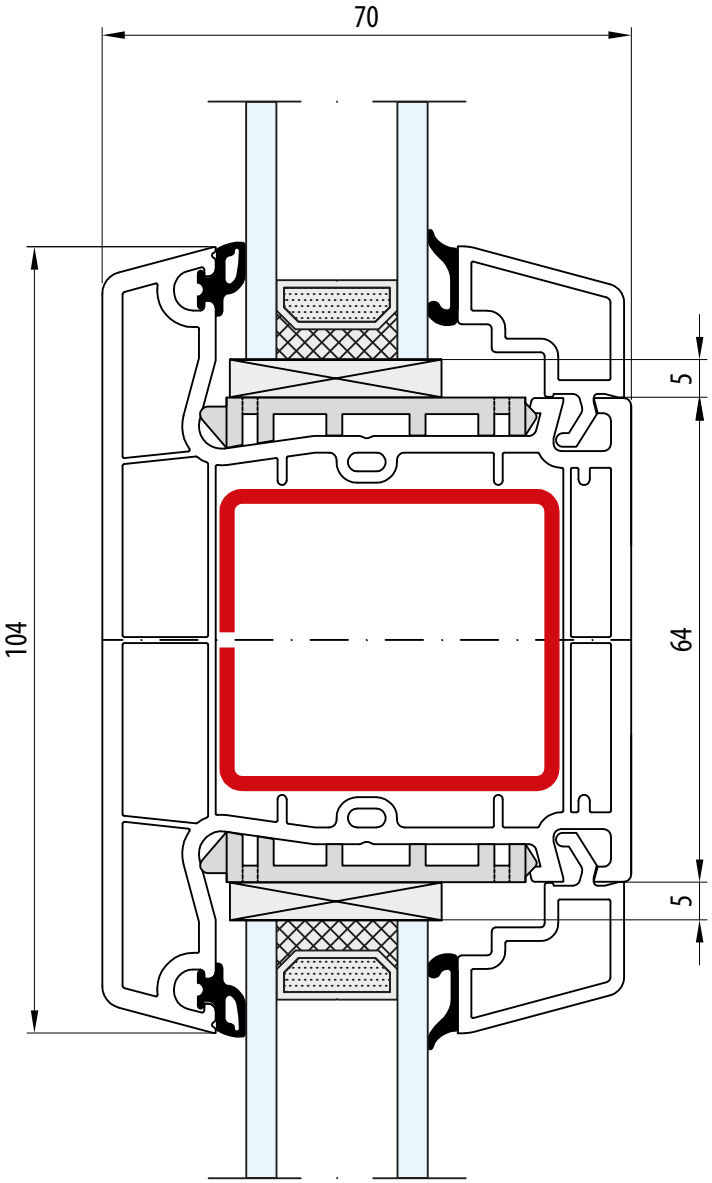


- Słupek stały: 84 mm · Skrzydło: 120 mm
- Meneau fixe: 84 mm · Vantail: 120 mm
- Fix post: 84 mm · Sash: 120 mm
- Festem Pfahl: 84 mm · Flügel: 120 mm
- Montante fisso: 84 mm · Anta: 120 mm
- Vaste stijl: 84 mm · Vleugel: 120 mm



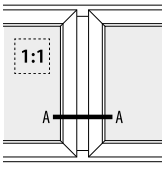
CL

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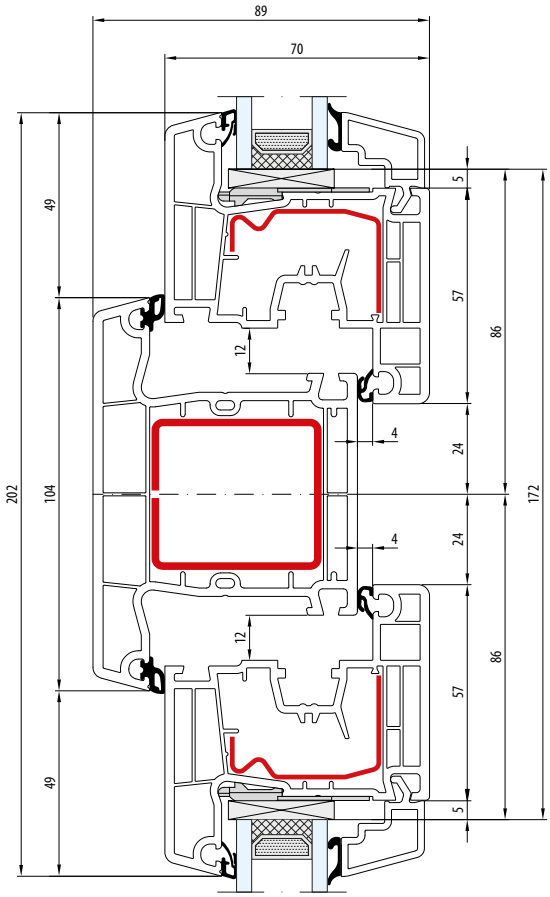
140x45

- Słupek stały: 104 mm
- Meneau fixe: 104 mm
- Fix post: 104 mm
- Festem Pfahl: 104 mm
- Montante fisso: 104 mm
- Vaste stijl: 104 mm

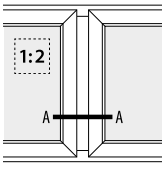


SL
CL

SL
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RL

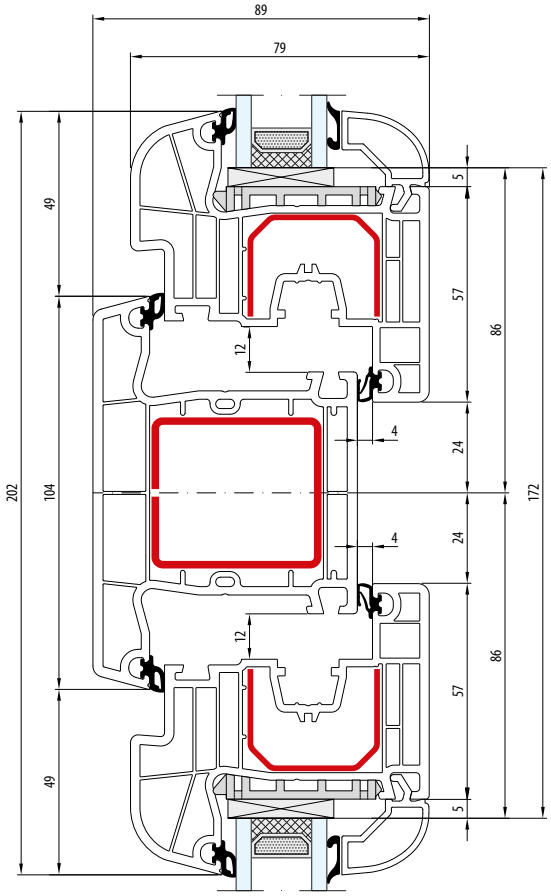


Słupek stały: 104 mm · Skrzydło: 77 mm
Meneau fixe: 104 mm · Vantail: 77 mm
Fix post: 104 mm · Sash: 77 mm
Festem Pfahl: 104 mm · Flügel: 77 mm
Montante fisso: 104 mm · Anta: 77 mm
Vaste stijl: 104 mm · Vleugel: 77 mm

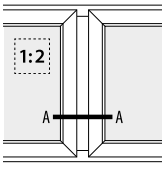


RL

SL
CL
RL



- Słupek stały: 104 mm · Skrzydło: 77 mm
- Meneau fixe: 104 mm · Vantail: 77 mm
- Fix post: 104 mm · Sash: 77 mm
- Festem Pfahl: 104 mm · Flügel: 77 mm
- Montante fisso: 104 mm · Anta: 77 mm
- Vaste stijl: 104 mm · Vleugel: 77 mm

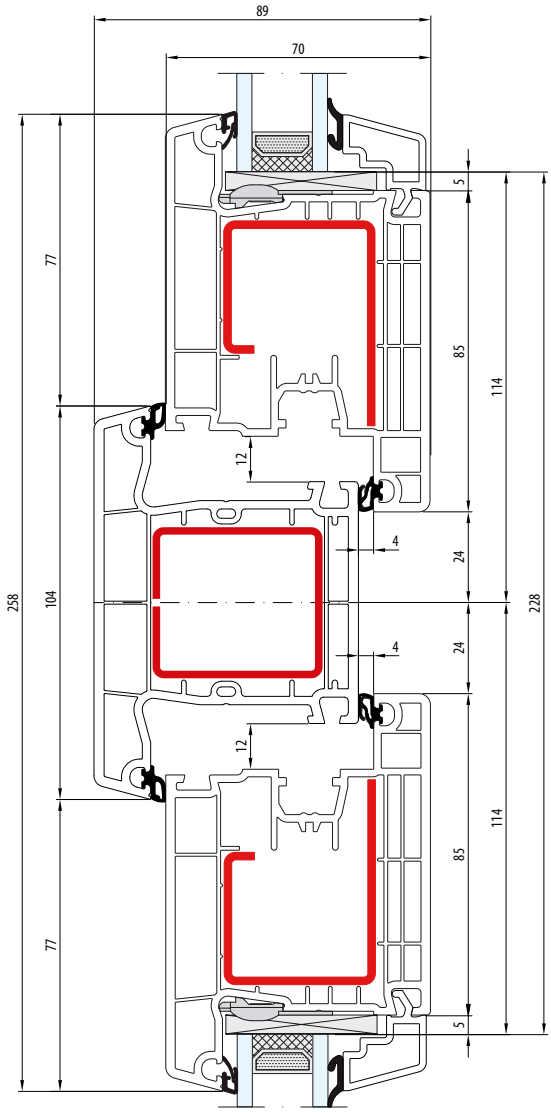




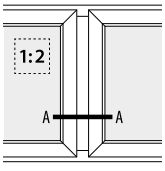






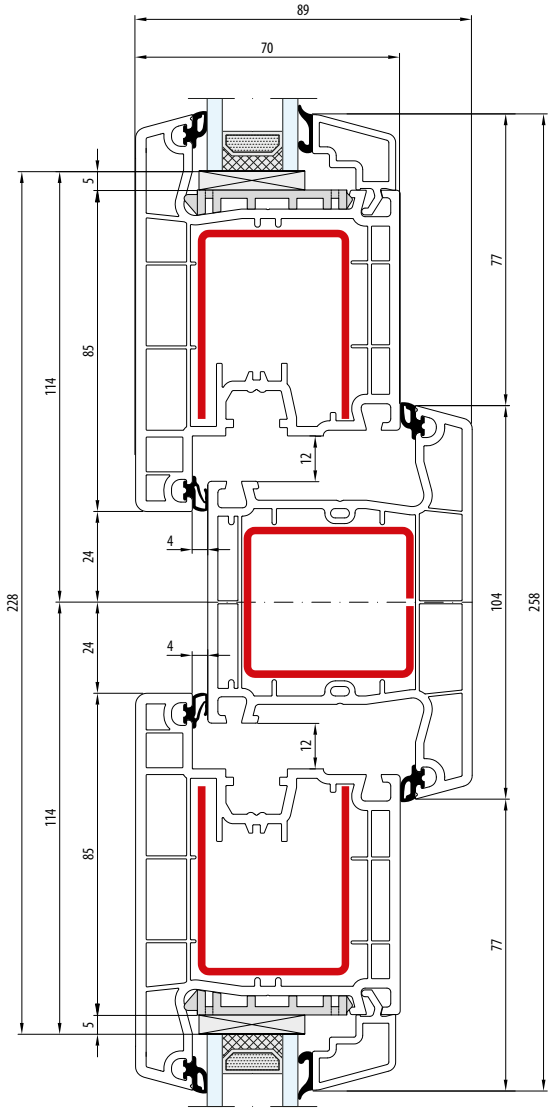


- Słupek stały: 104 mm · Skrzydło: 105 mm
- Meneau fixe: 104 mm · Vantail: 105 mm
- Fix post: 104 mm · Sash: 105 mm
- Festem Pfahl: 104 mm · Flügel: 105 mm
- Montante fisso: 104 mm · Anta: 105 mm
- Vaste stijl: 104 mm · Vleugel: 105 mm

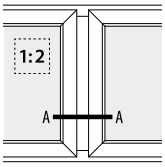


CL

SL CL RL



- Słupek stały: 104 mm · Skrzydło: 105 mm
- Meneau fixe: 104 mm · Vantail: 105 mm
- Fix post: 104 mm · Sash: 105 mm
- Festem Pfahl: 104 mm · Flügel: 105 mm
- Montante fisso: 104 mm · Anta: 105 mm
- Vaste stijl: 104 mm · Vleugel: 105 mm

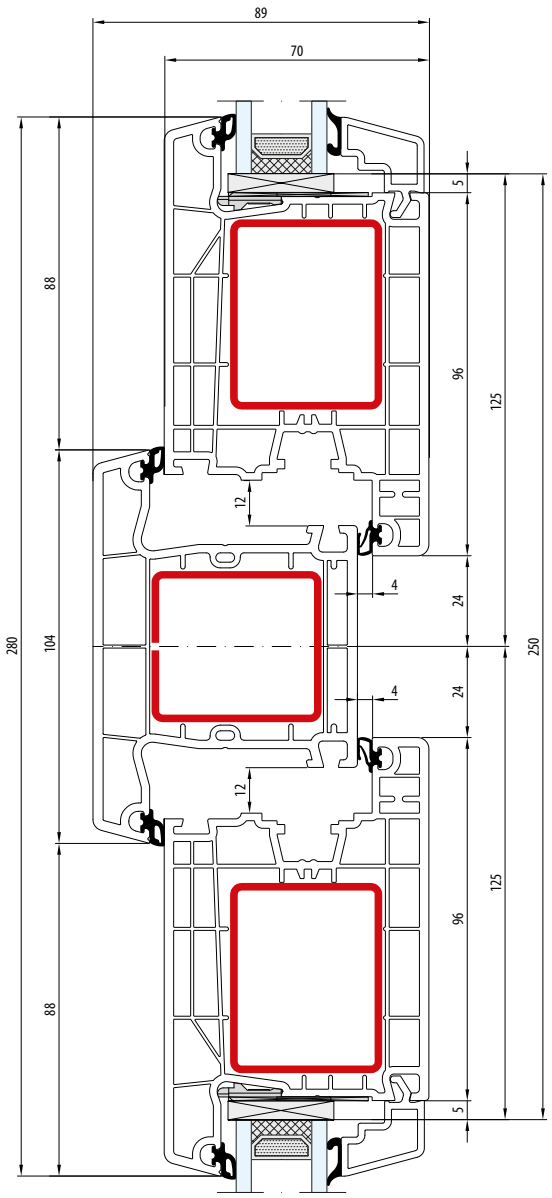




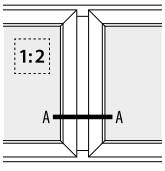






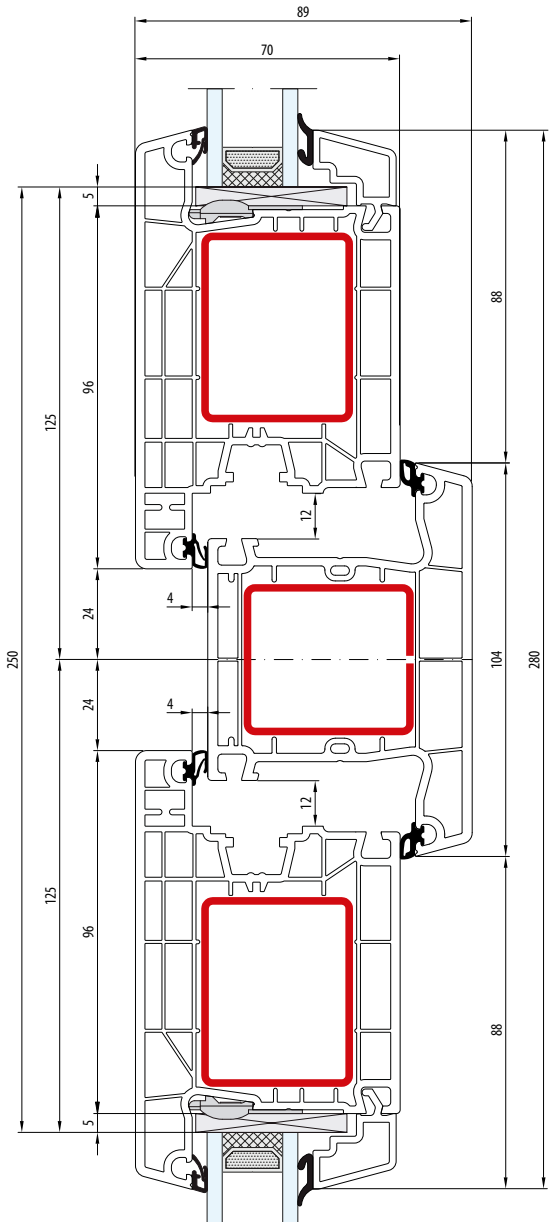


- Słupek stały: 104 mm · Skrzydło: 116 mm
- Meneau fixe: 104 mm · Vantail: 116 mm
- Fix post: 104 mm · Sash: 116 mm
- Festem Pfahl: 104 mm · Flügel: 116 mm
- Montante fisso: 104 mm · Anta: 116 mm
- Vaste stijl: 104 mm · Vleugel: 116 mm

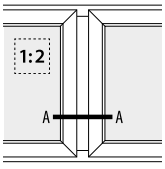


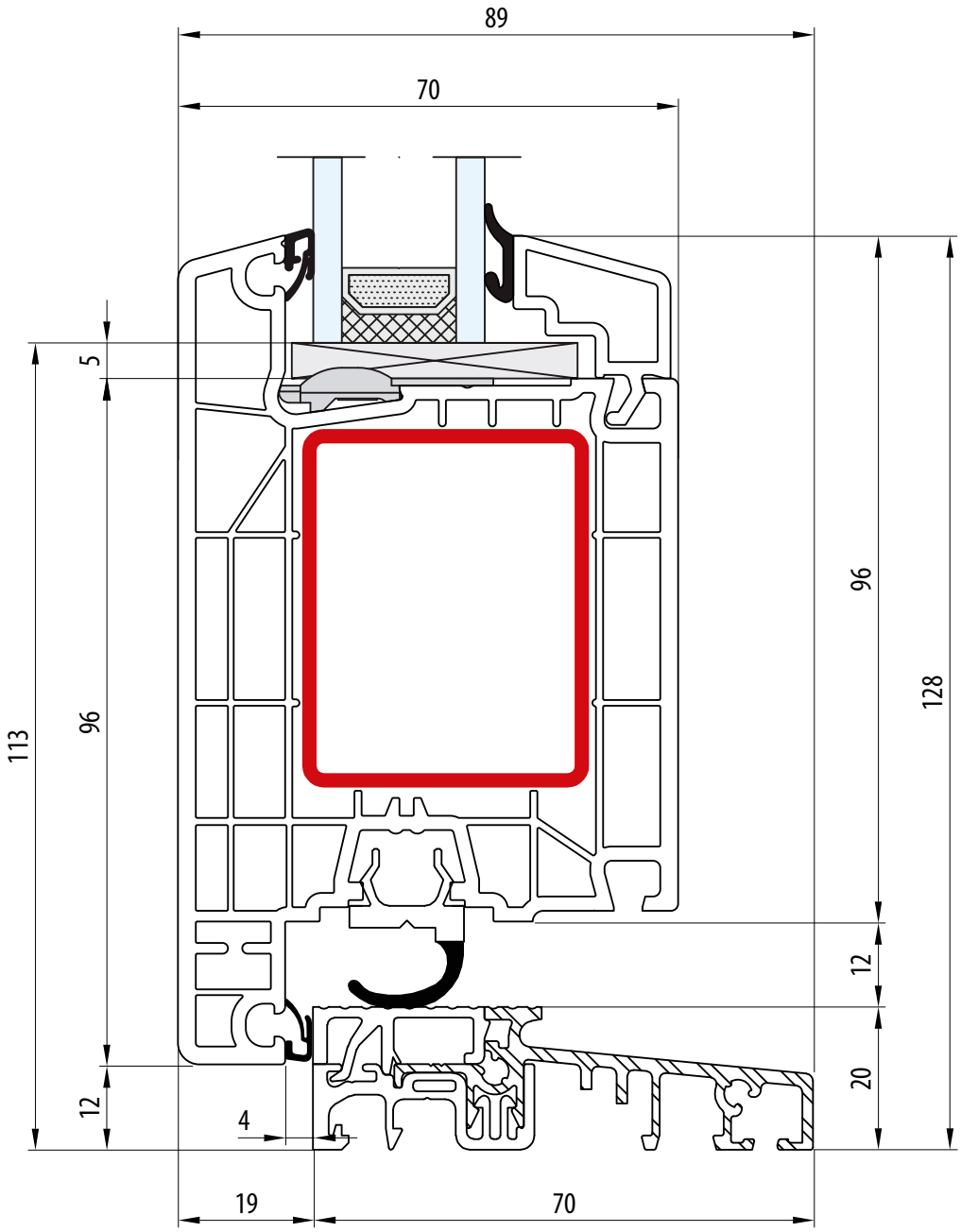
CL

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CL
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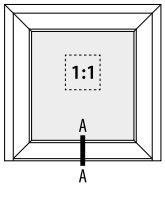


- Słupek stały: 104 mm · Skrzydło: 120 mm
- Meneau fixe: 104 mm · Vantail: 120 mm
- Fix post: 104 mm · Sash: 120 mm
- Festem Pfahl: 104 mm · Flügel: 120 mm
- Montante fisso: 104 mm · Anta: 120 mm
- Vaste stijl: 104 mm · Vleugel: 120 mm



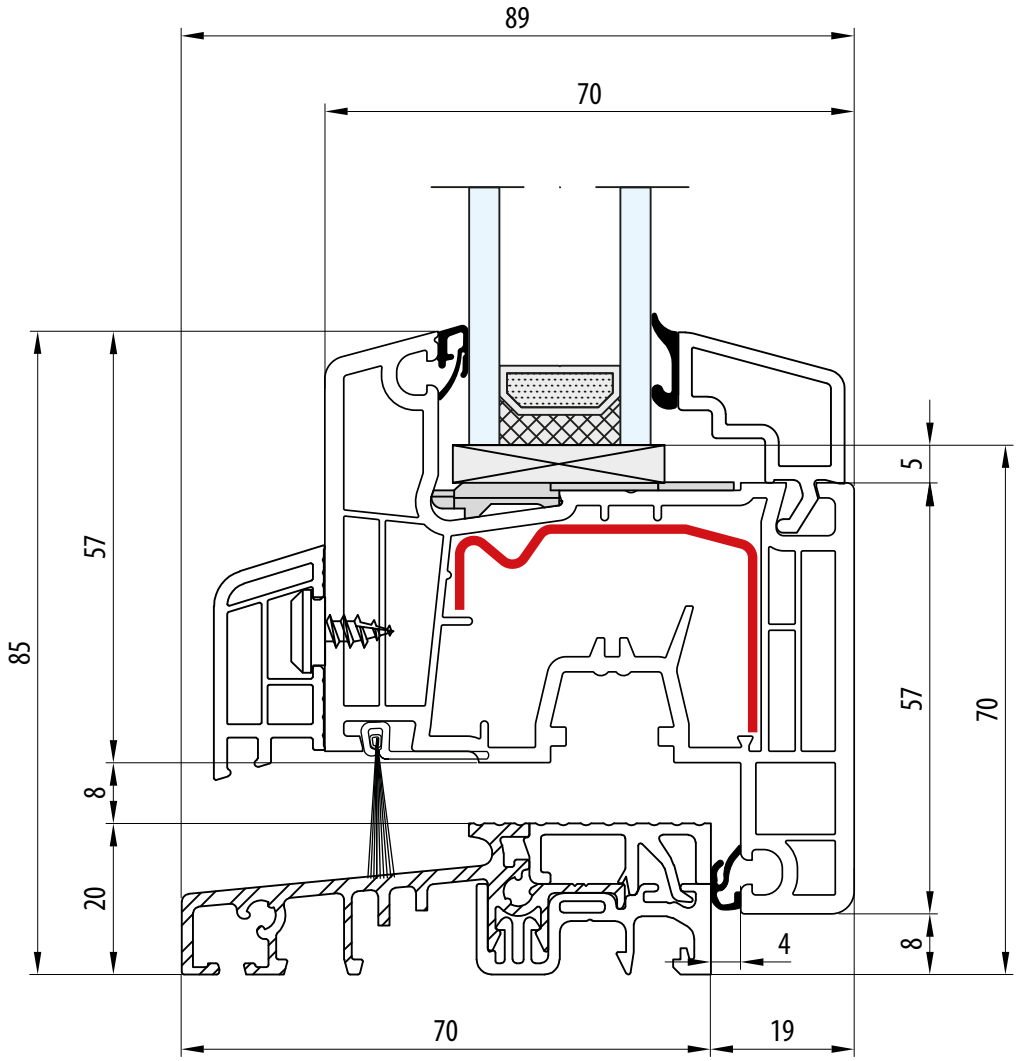


- Próg: 20 mm · Skrzydło: 120 mm
- Seuil: 20 mm · Vantail: 120 mm
- Threshold: 20 mm · Sash: 120 mm
- Schwelle: 20 mm · Flügel: 120 mm
- Soglia: 20 mm · Anta: 120 mm
- Dorpel: 20 mm · Vleugel: 120 mm

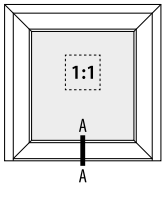


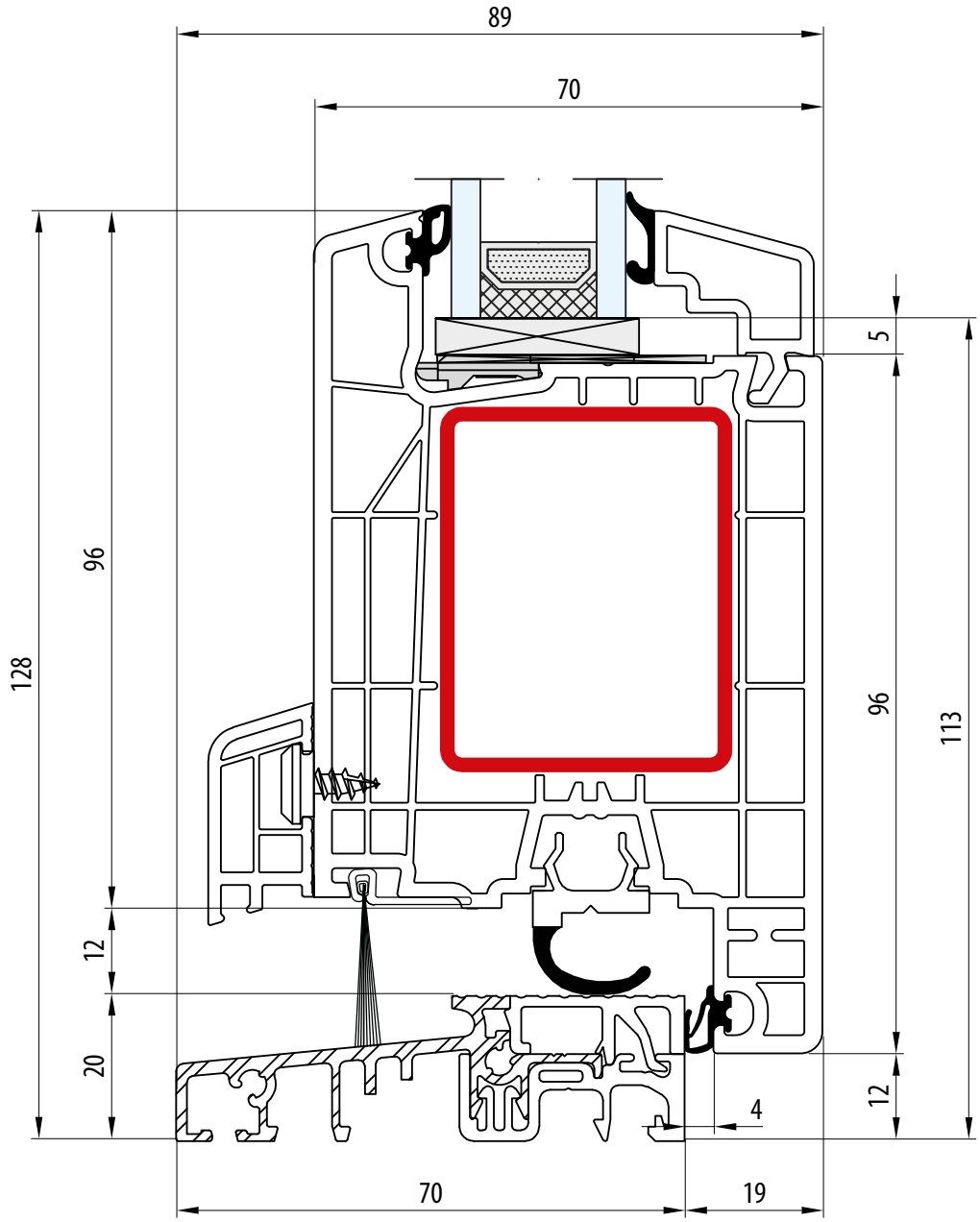
SL
CL

SL
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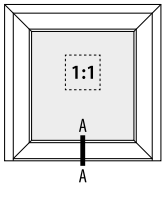


Próg: 20 mm · Skrzydło: 77 mm
Seuil: 20 mm · Vantail: 77 mm
Threshold: 20 mm · Sash: 77 mm
Schwelle: 20 mm · Flügel: 77 mm
Soglia: 20 mm · Anta: 77 mm
Dorpel: 20 mm · Vleugel: 77 mm





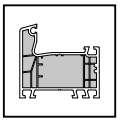
- Próg: 20 mm · Skrzydło: 116 mm
- Seuil: 20 mm · Vantail: 116 mm
- Threshold: 20 mm · Sash: 116 mm
- Schwelle: 20 mm · Flügel: 116 mm
- Soglia: 20 mm · Anta: 116 mm
- Dorpel: 20 mm · Vleugel: 116 mm



IDEAL 5000



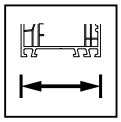




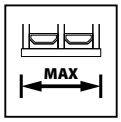
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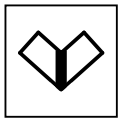
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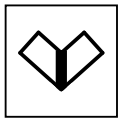


70



42

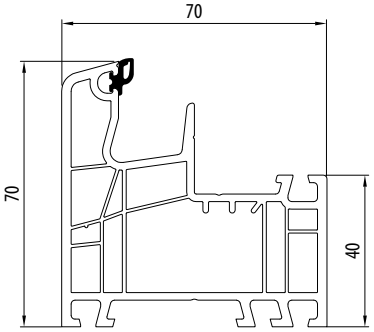




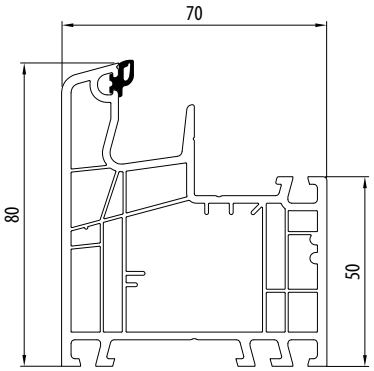


ALU

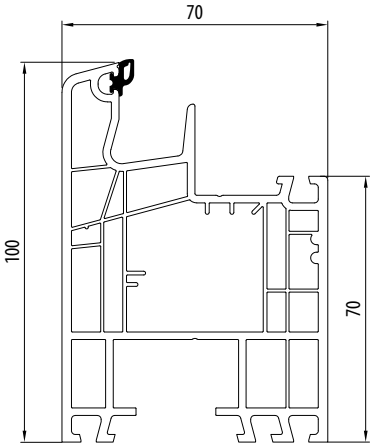




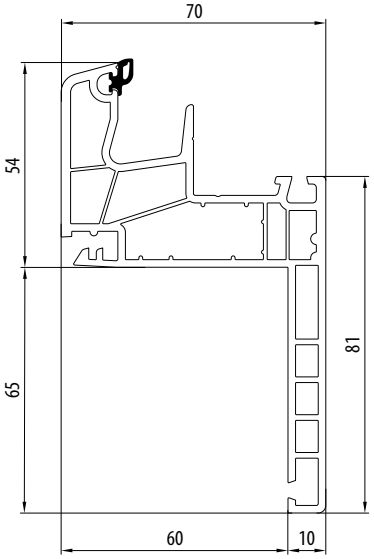
CL A* CLASS ALU 150x02



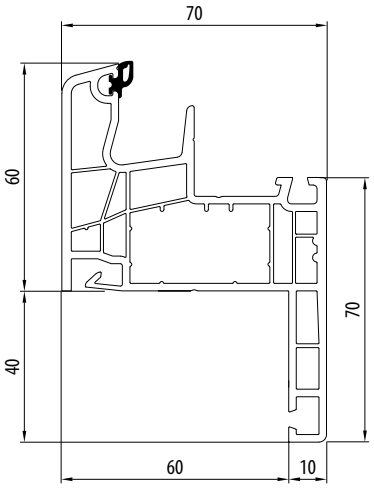
CL ALU 150x03



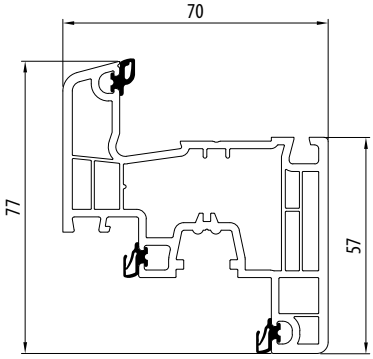
CL ALU 150x04



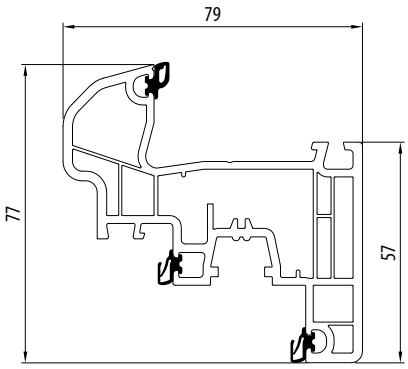
CL ALU 150x10



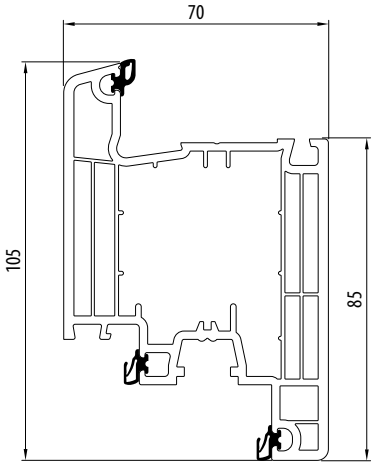
CL 150x11



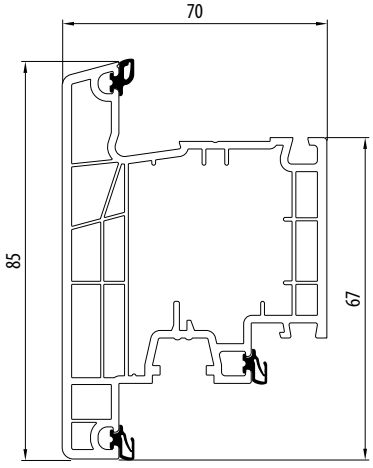
CL ALU 150x20



CL 150x26

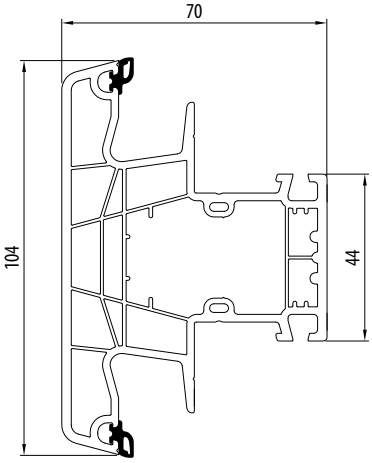


CL ALU 150x30

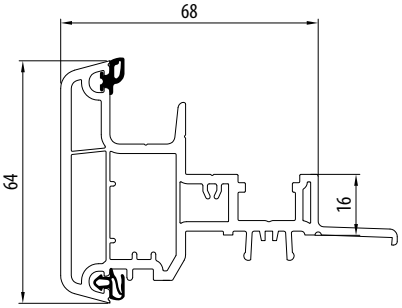


CL 150x31

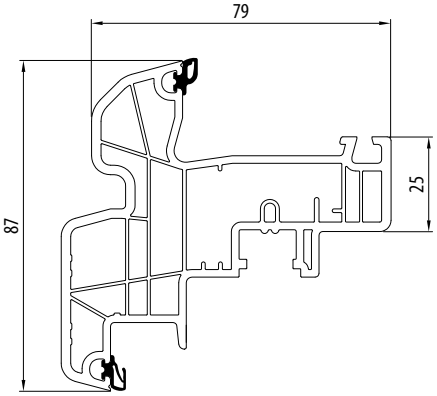
1:2



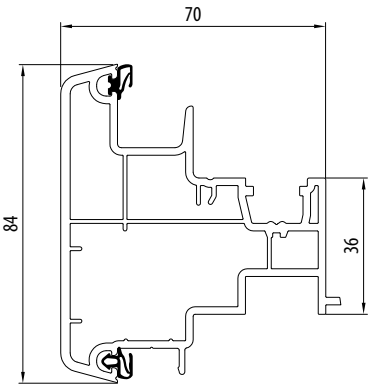
150x43



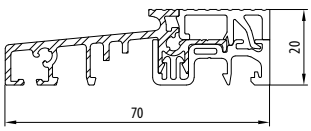
150x65



150x69



150x67

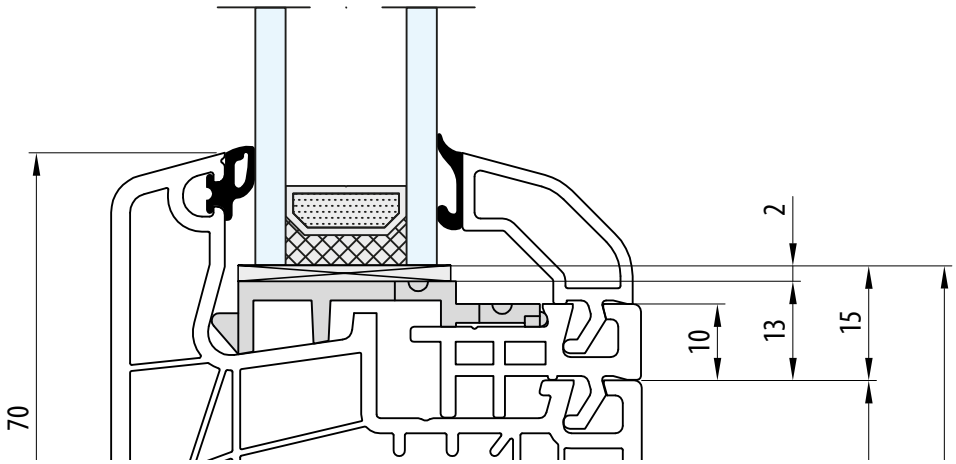


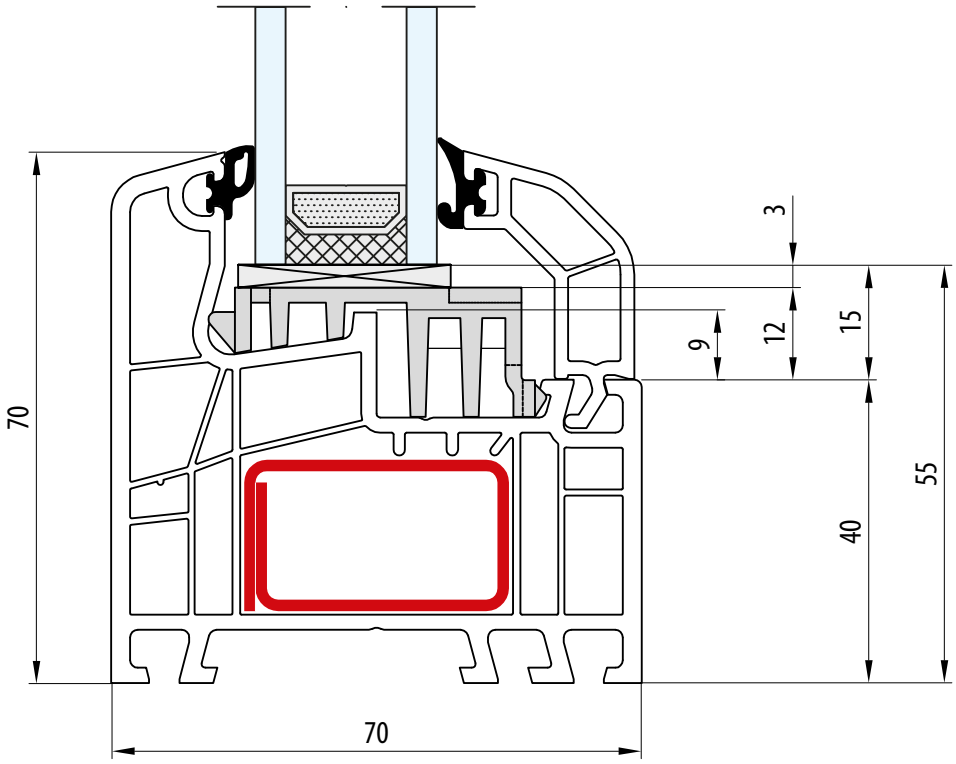
alu - 20 mm

1:2

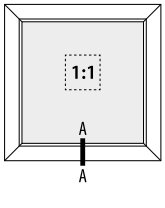
CL

SL
CL
RL



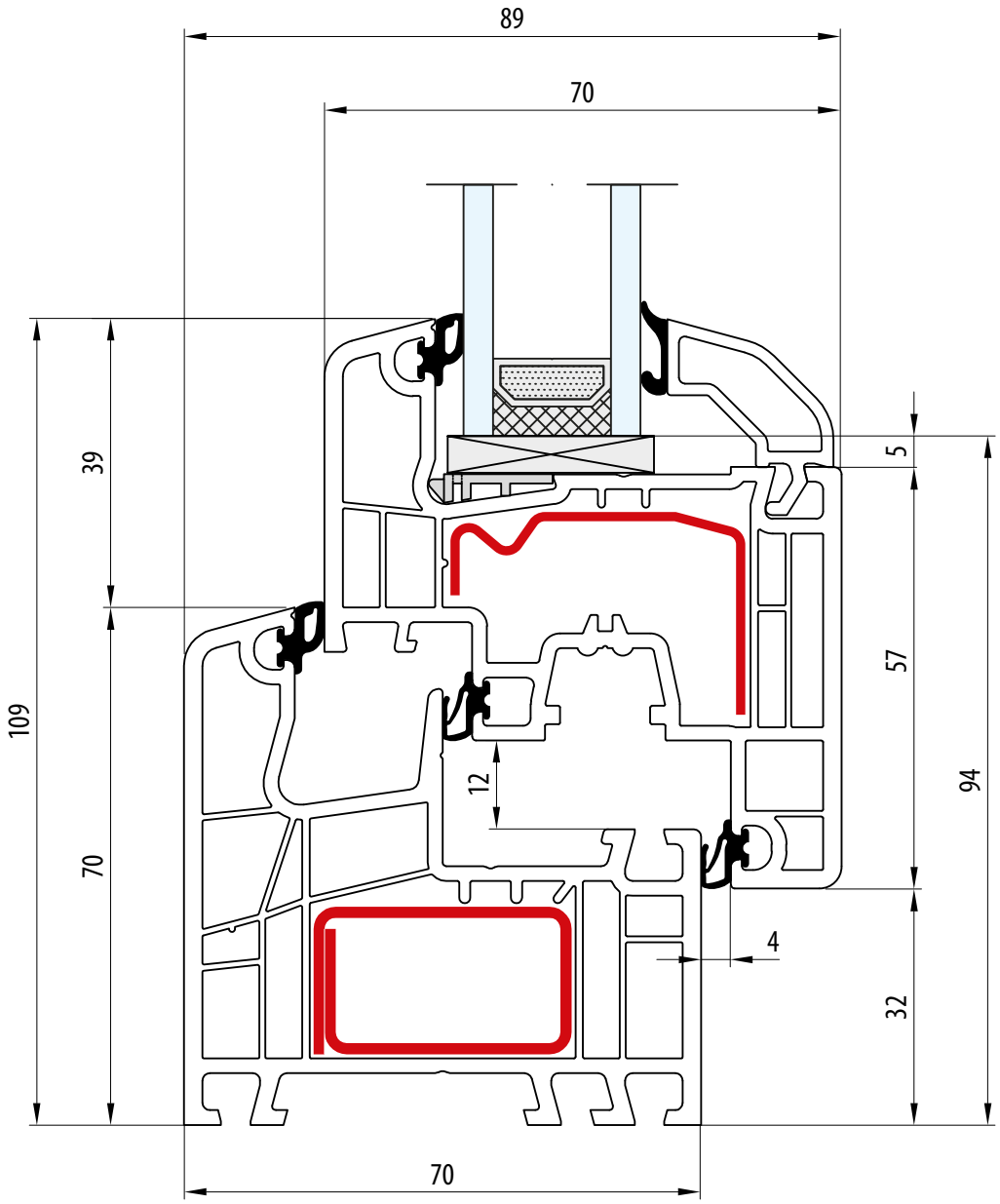


Rama: 70 mm
Dormant: 70 mm
Frame: 70 mm
Rahmen: 70 mm
Telaio: 70 mm
Kader: 70 mm

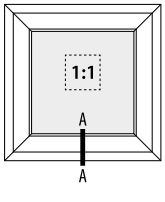


CL

SL CL RL

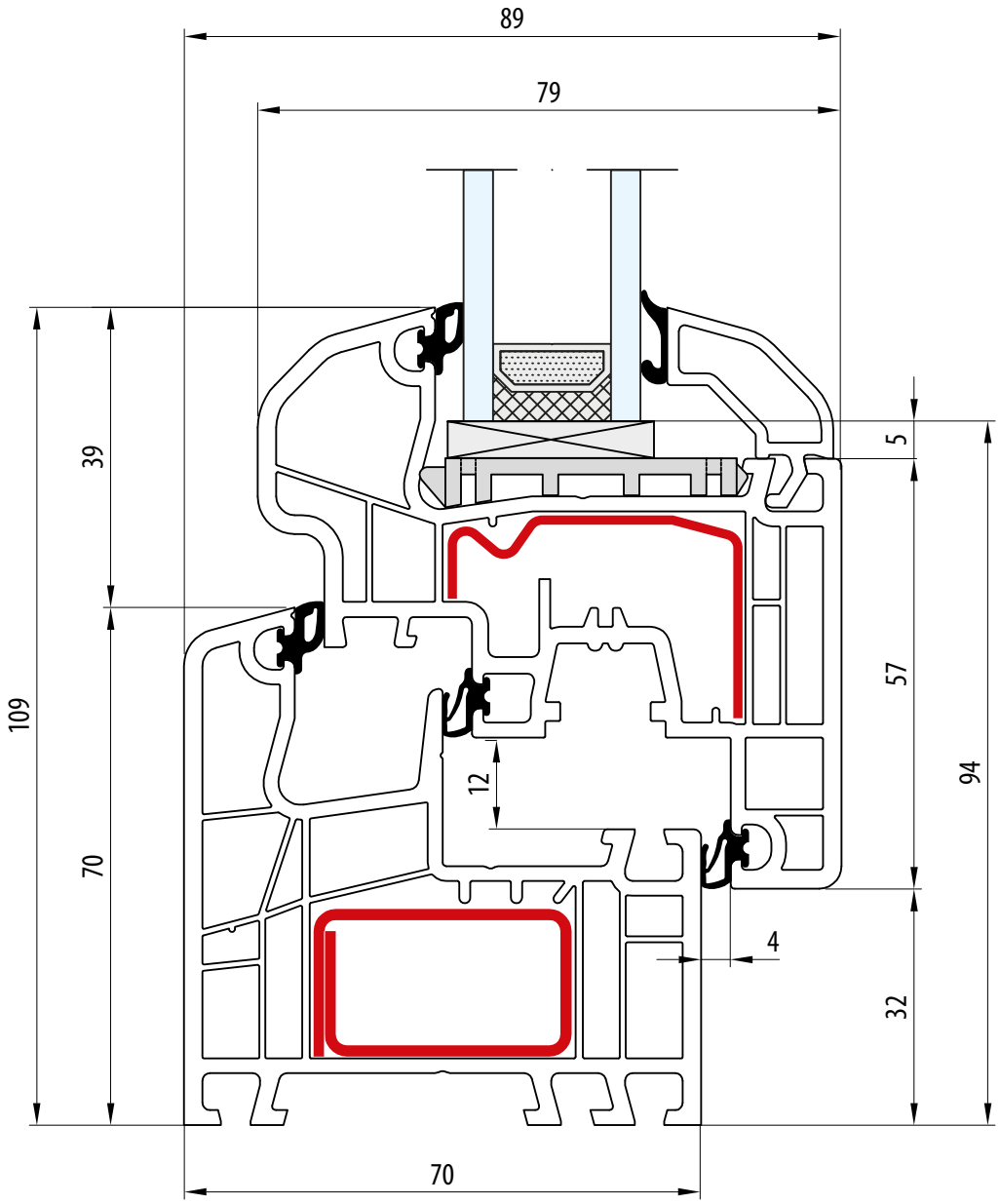


- Rama: 70 mm · Skrzydło: 77 mm
- Dormant: 70 mm · Vantail: 77 mm
- Frame: 70 mm · Sash: 77 mm
- Rahmen: 70 mm · Flügel: 77 mm
- Telaio: 70 mm · Anta: 77 mm
- Kader: 70 mm · Vleugel: 77 mm

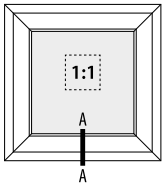


RL

SL
CL
RL

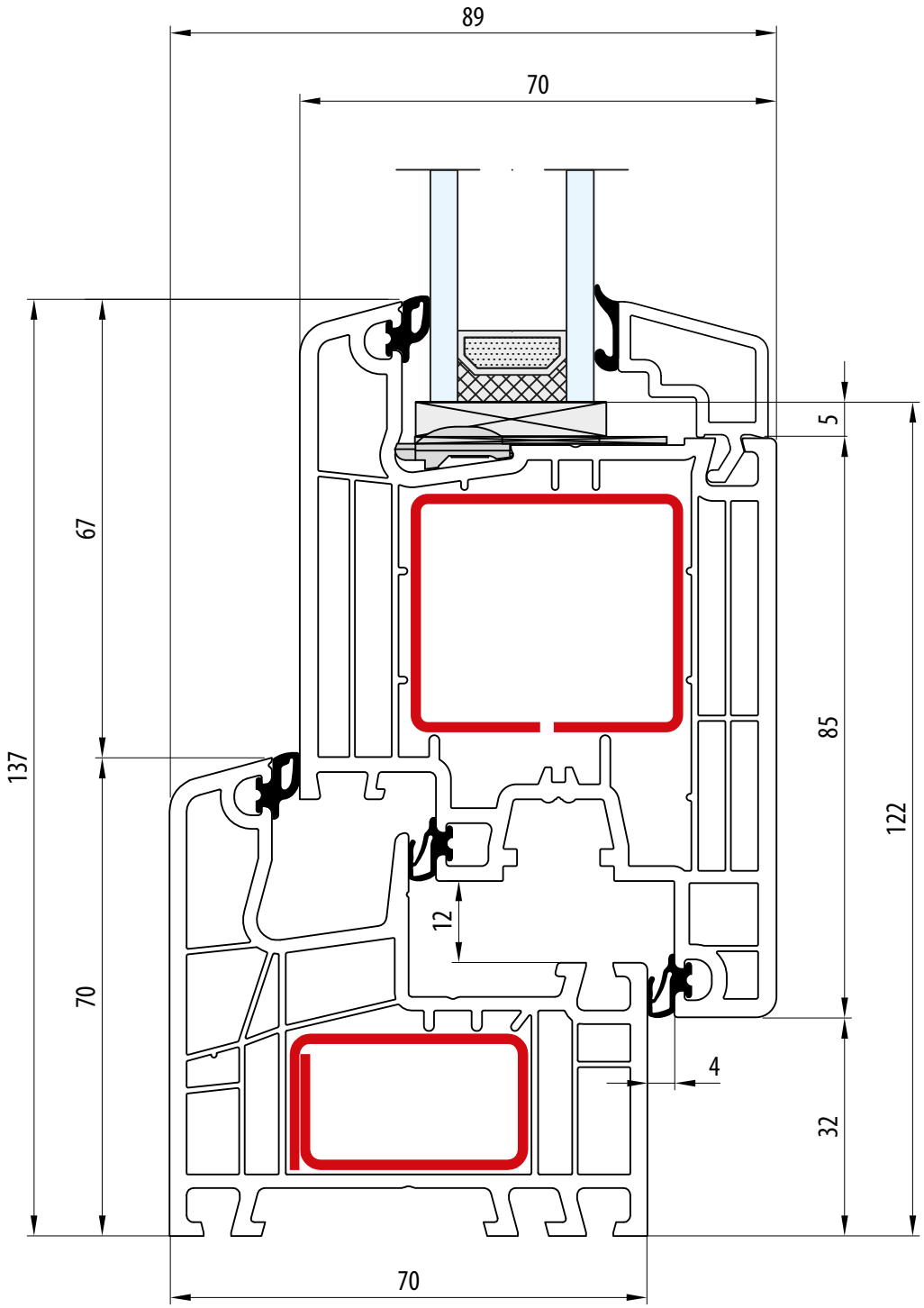


Rama: 70 mm · Skrzydło: 77 mm
Dormant: 70 mm · Vantail: 77 mm
Frame: 70 mm · Sash: 77 mm
Rahmen: 70 mm · Flügel: 77 mm
Telaio: 70 mm · Anta: 77 mm
Kader: 70 mm · Vleugel: 77 mm

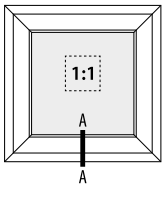


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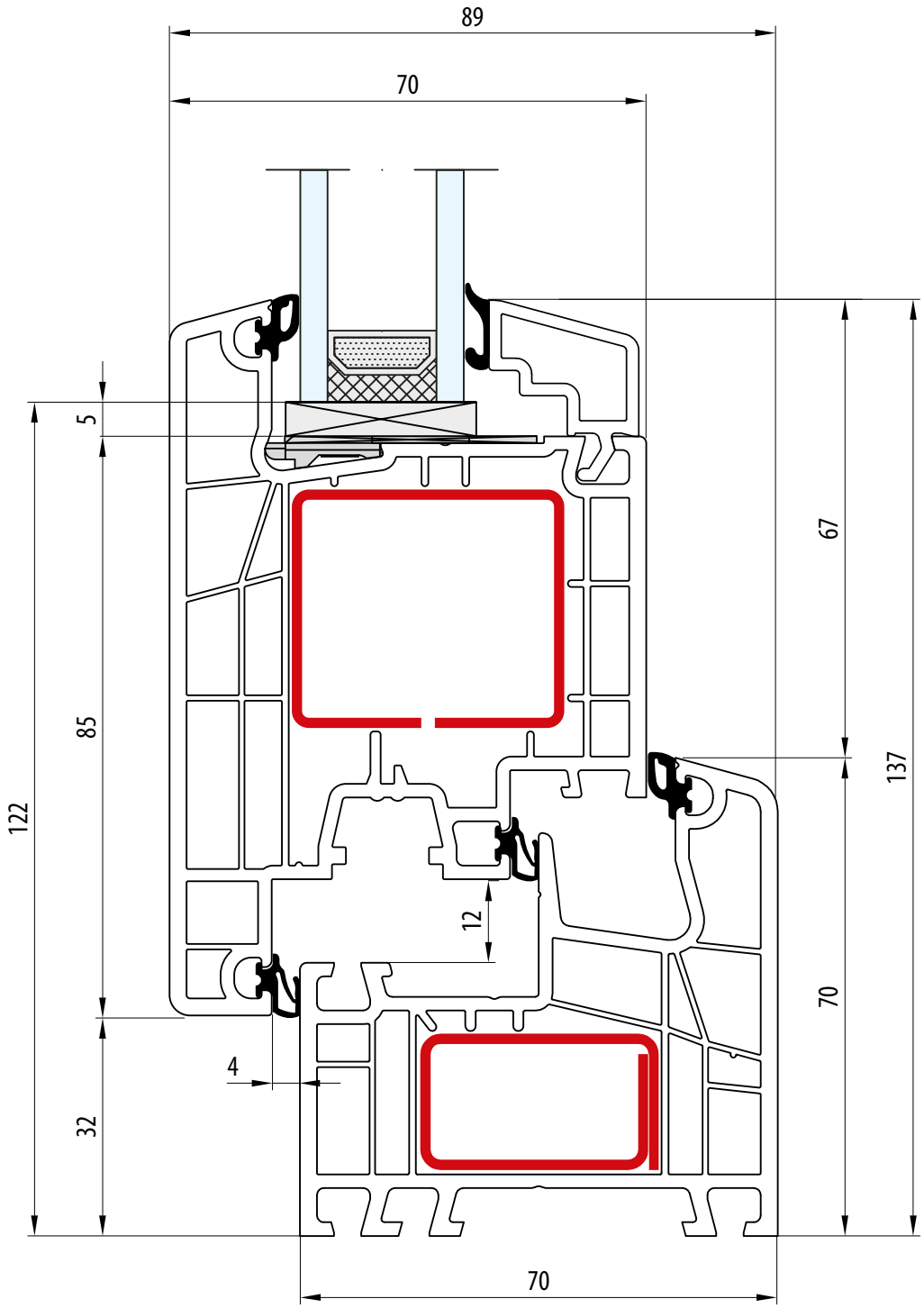


- Rama: 70 mm · Skrzydło: 105 mm
- Dormant: 70 mm · Vantail: 105 mm
- Frame: 70 mm · Sash: 105 mm
- Rahmen: 70 mm · Flügel: 105 mm
- Telaio: 70 mm · Anta: 105 mm
- Kader: 70 mm · Vleugel: 105 mm

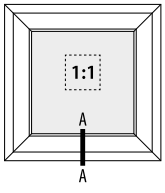


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Rama: 70 mm · Skrzydło: 105 mm
Dormant: 70 mm · Vantail: 105 mm
Frame: 70 mm · Sash: 105 mm
Rahmen: 70 mm · Flügel: 105 mm
Telaio: 70 mm · Anta: 105 mm
Kader: 70 mm · Vleugel: 105 mm

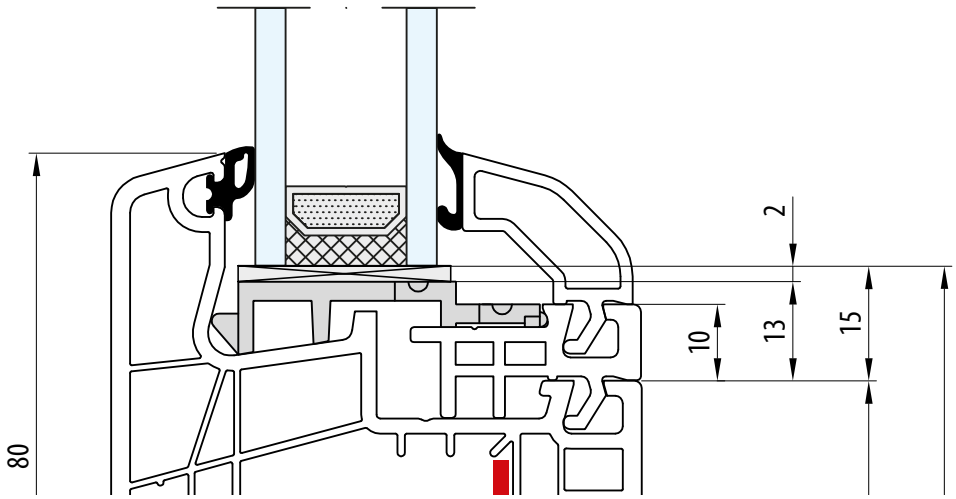


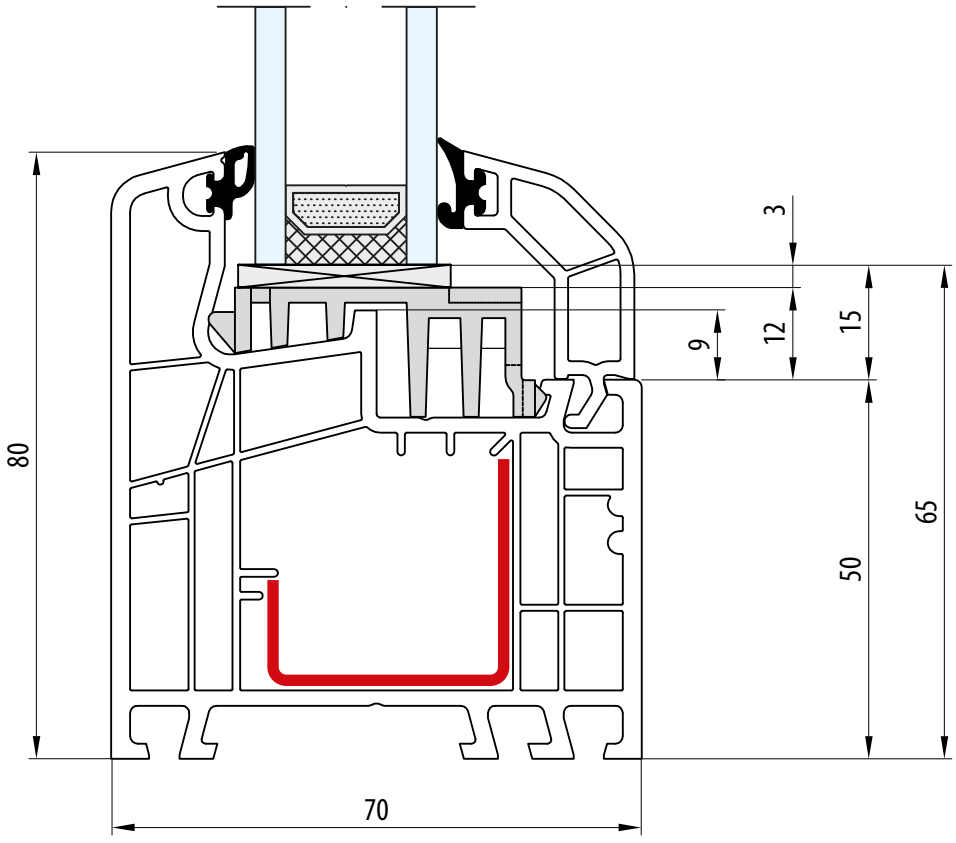




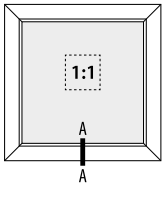
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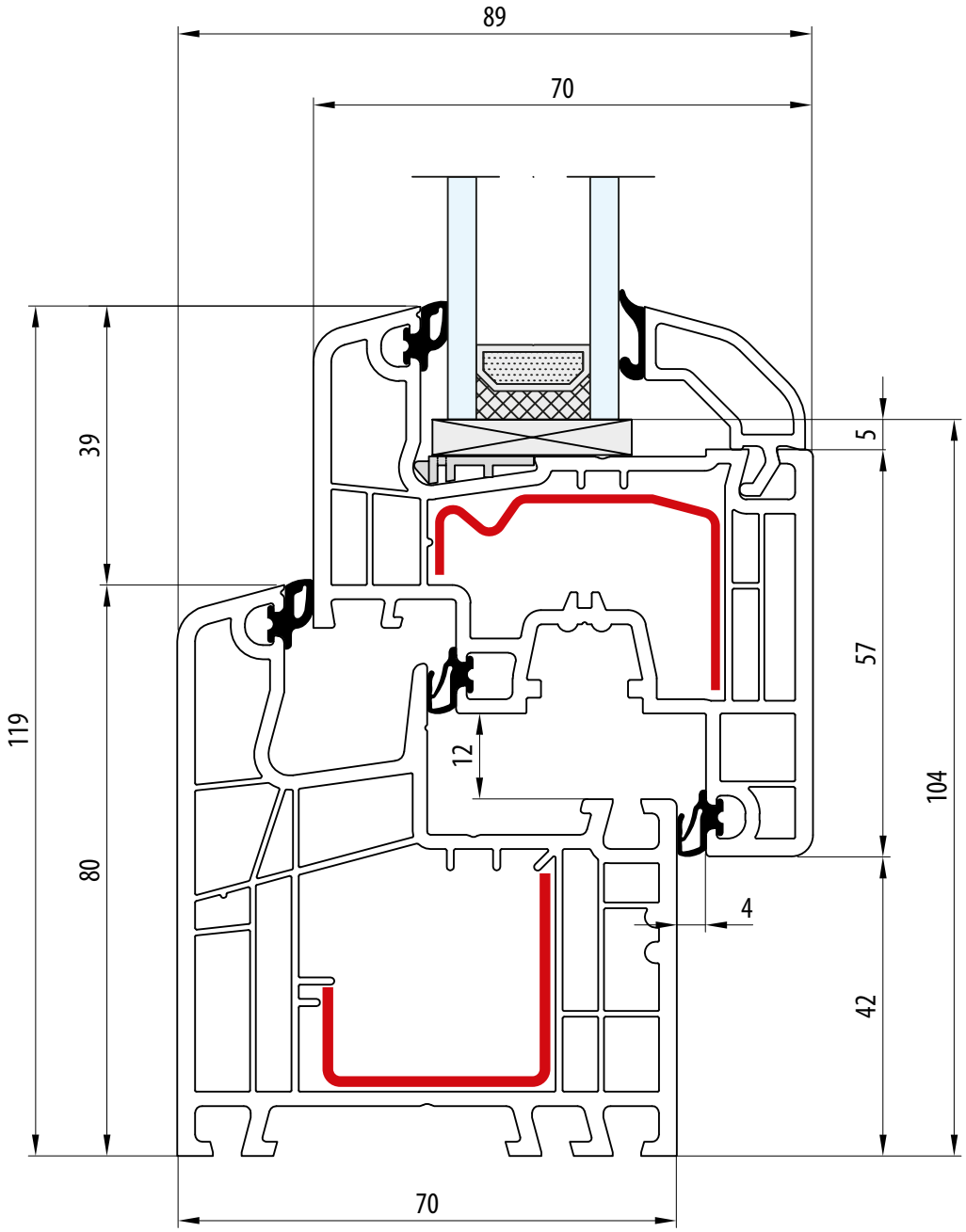


- Rama: 80 mm
- Dormant: 80 mm
- Frame: 80 mm
- Rahmen: 80 mm
- Telaio: 80 mm
- Kader: 80 mm

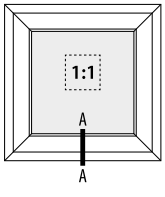


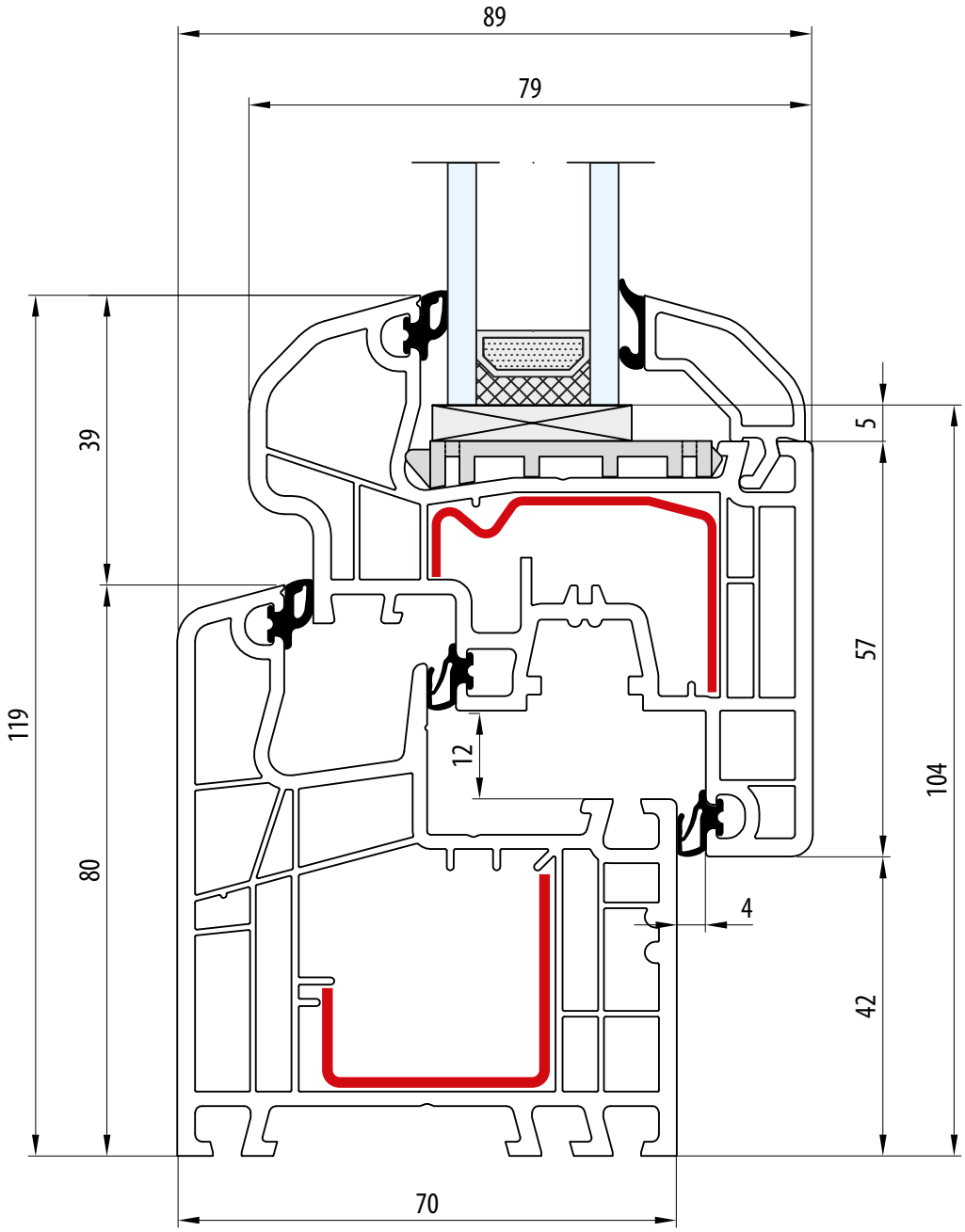
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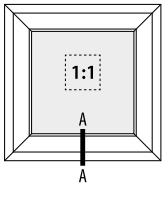


Rama: 80 mm · Skrzydło: 77 mm
Dormant: 80 mm · Vantail: 77 mm
Frame: 80 mm · Sash: 77 mm
Rahmen: 80 mm · Flügel: 77 mm
Telaio: 80 mm · Anta: 77 mm
Kader: 80 mm · Vleugel: 77 mm



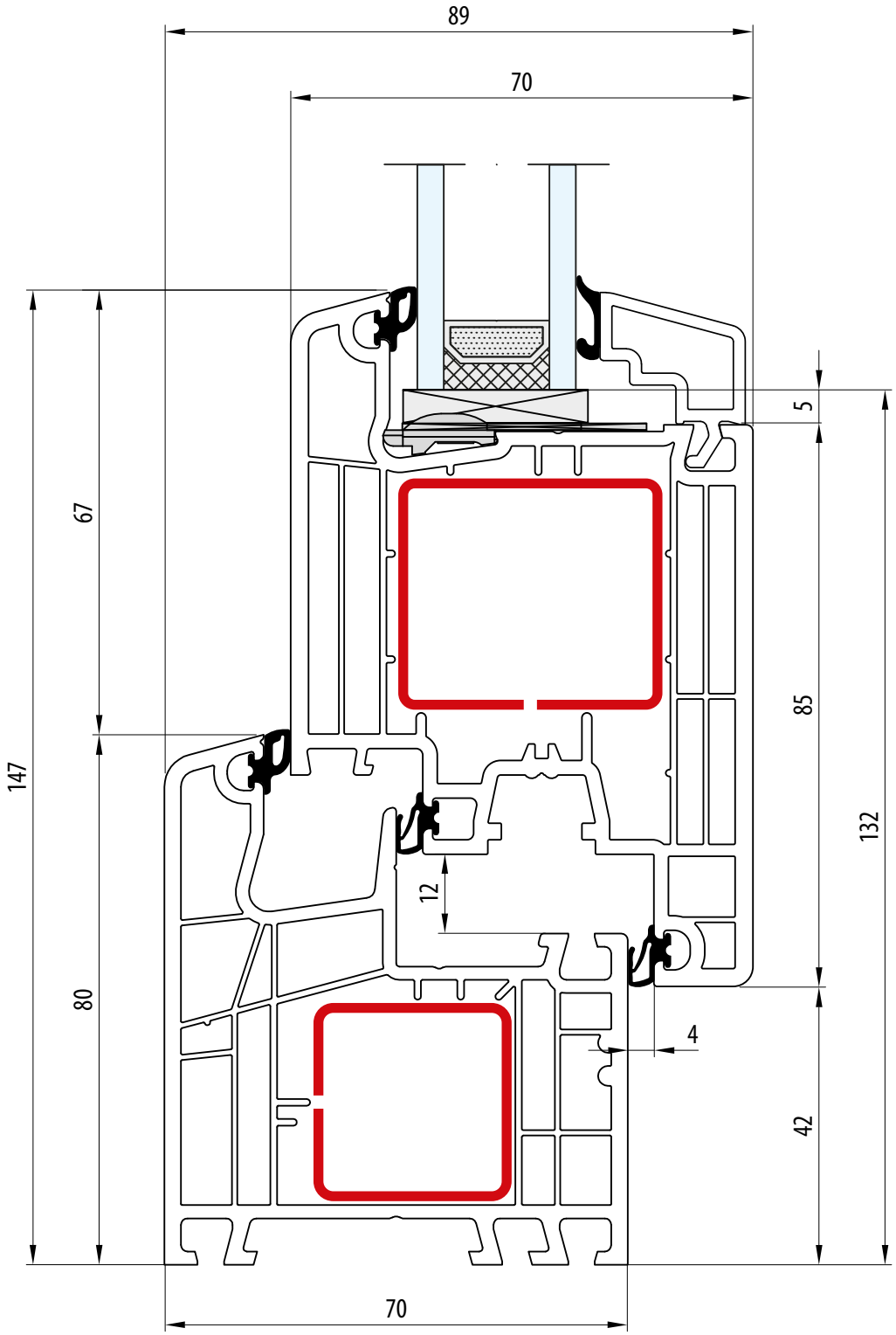


- Rama: 80 mm · Skrzydło: 77 mm
- Dormant: 80 mm · Vantail: 77 mm
- Frame: 80 mm · Sash: 77 mm
- Rahmen: 80 mm · Flügel: 77 mm
- Telaio: 80 mm · Anta: 77 mm
- Kader: 80 mm · Vleugel: 77 mm

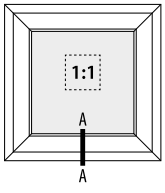


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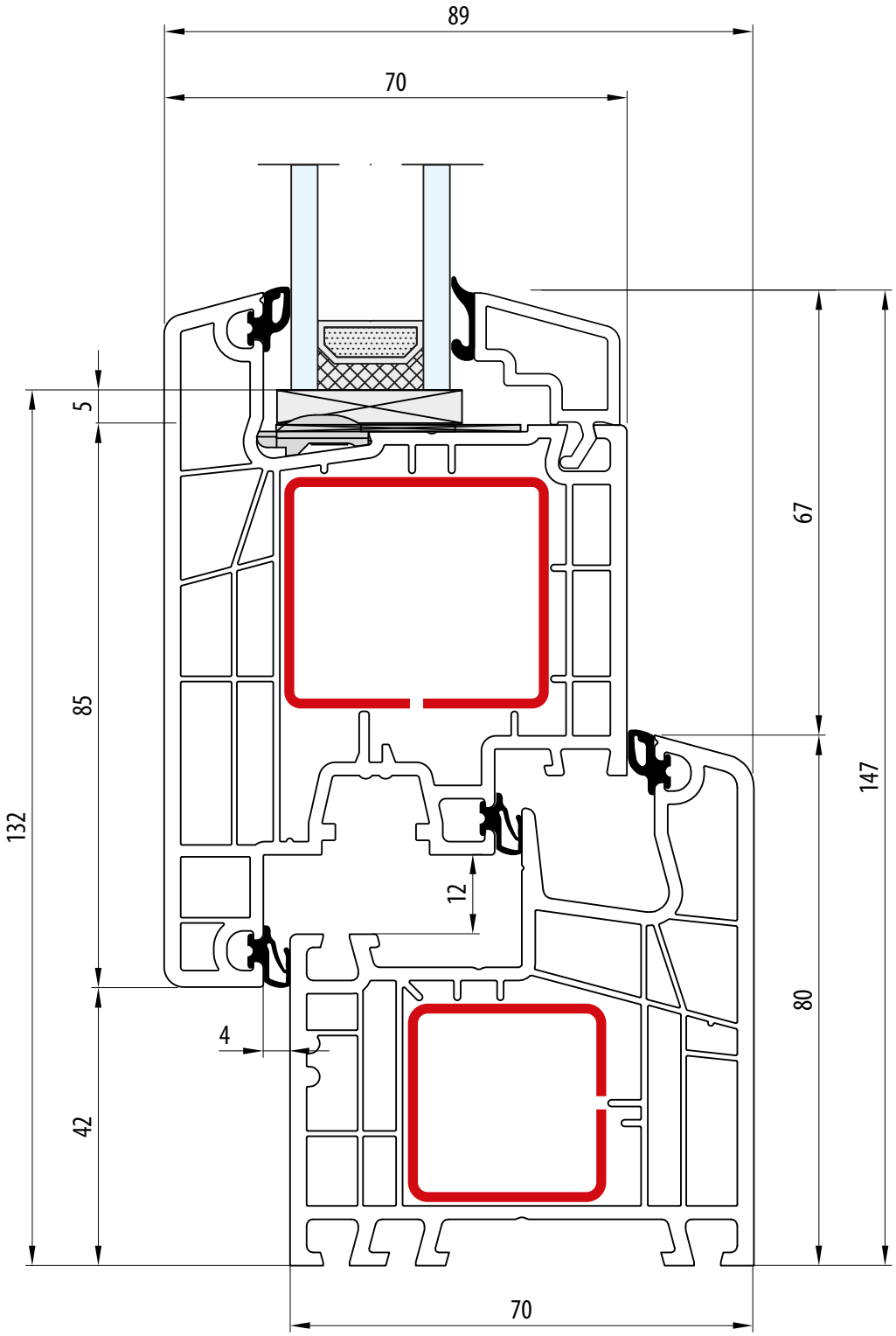


Rama: 80 mm · Skrzydło: 105 mm
Dormant: 80 mm · Vantail: 105 mm
Frame: 80 mm · Sash: 105 mm
Rahmen: 80 mm · Flügel: 105 mm
Telaio: 80 mm · Anta: 105 mm
Kader: 80 mm · Vleugel: 105 mm

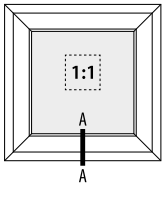


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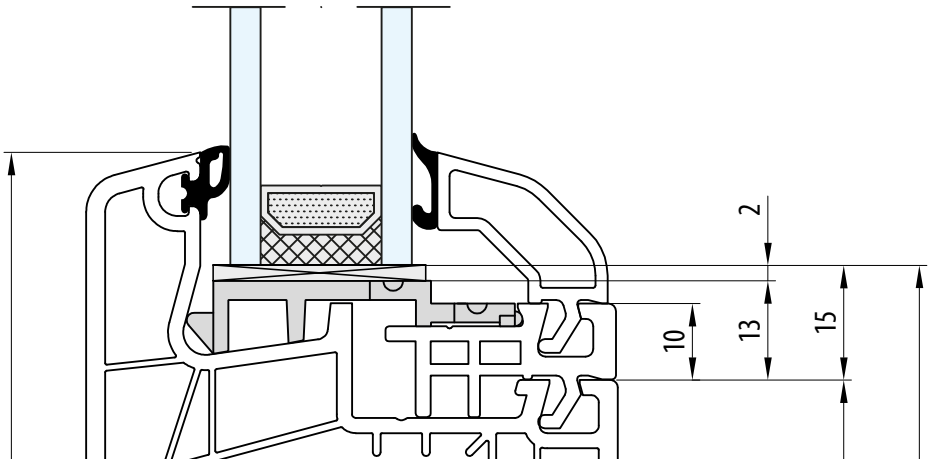


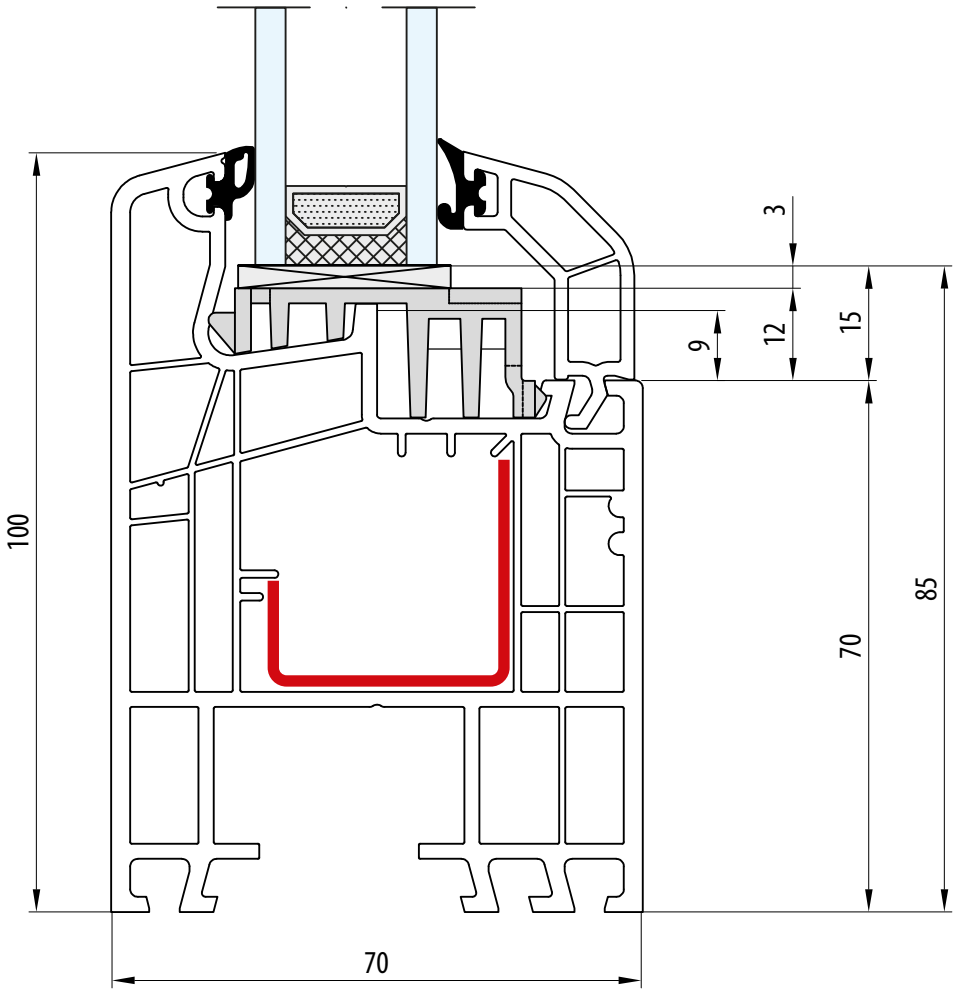
- Rama: 80 mm · Skrzydło: 105 mm
- Dormant: 80 mm · Vantail: 105 mm
- Frame: 80 mm · Sash: 105 mm
- Rahmen: 80 mm · Flügel: 105 mm
- Telaio: 80 mm · Anta: 105 mm
- Kader: 80 mm · Vleugel: 105 mm



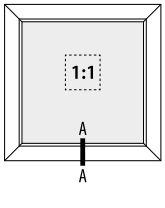
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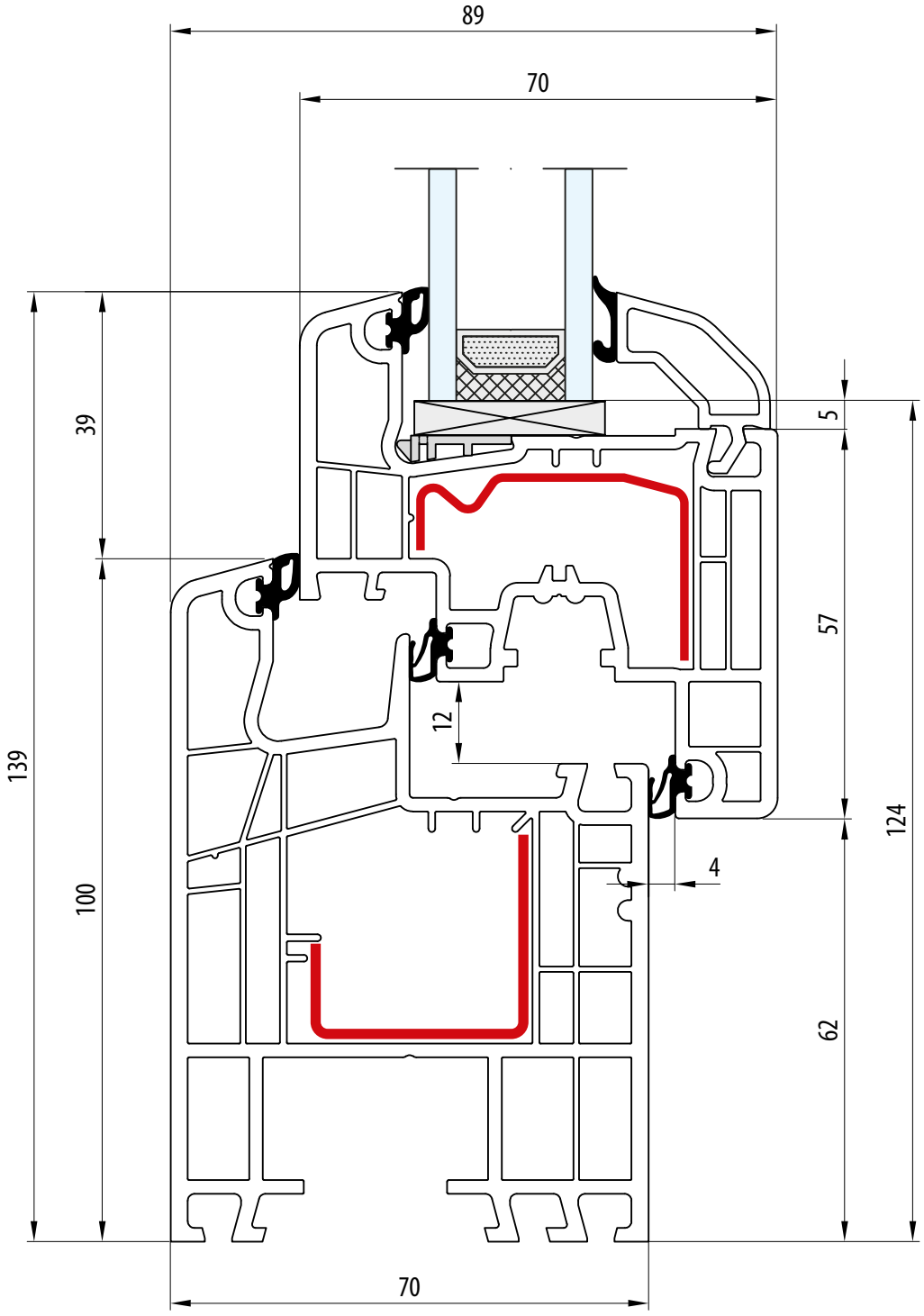


Rama: 100 mm
Dormant: 100 mm
Frame: 100 mm
Rahmen: 100 mm
Telaio: 100 mm
Kader: 100 mm

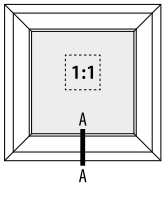


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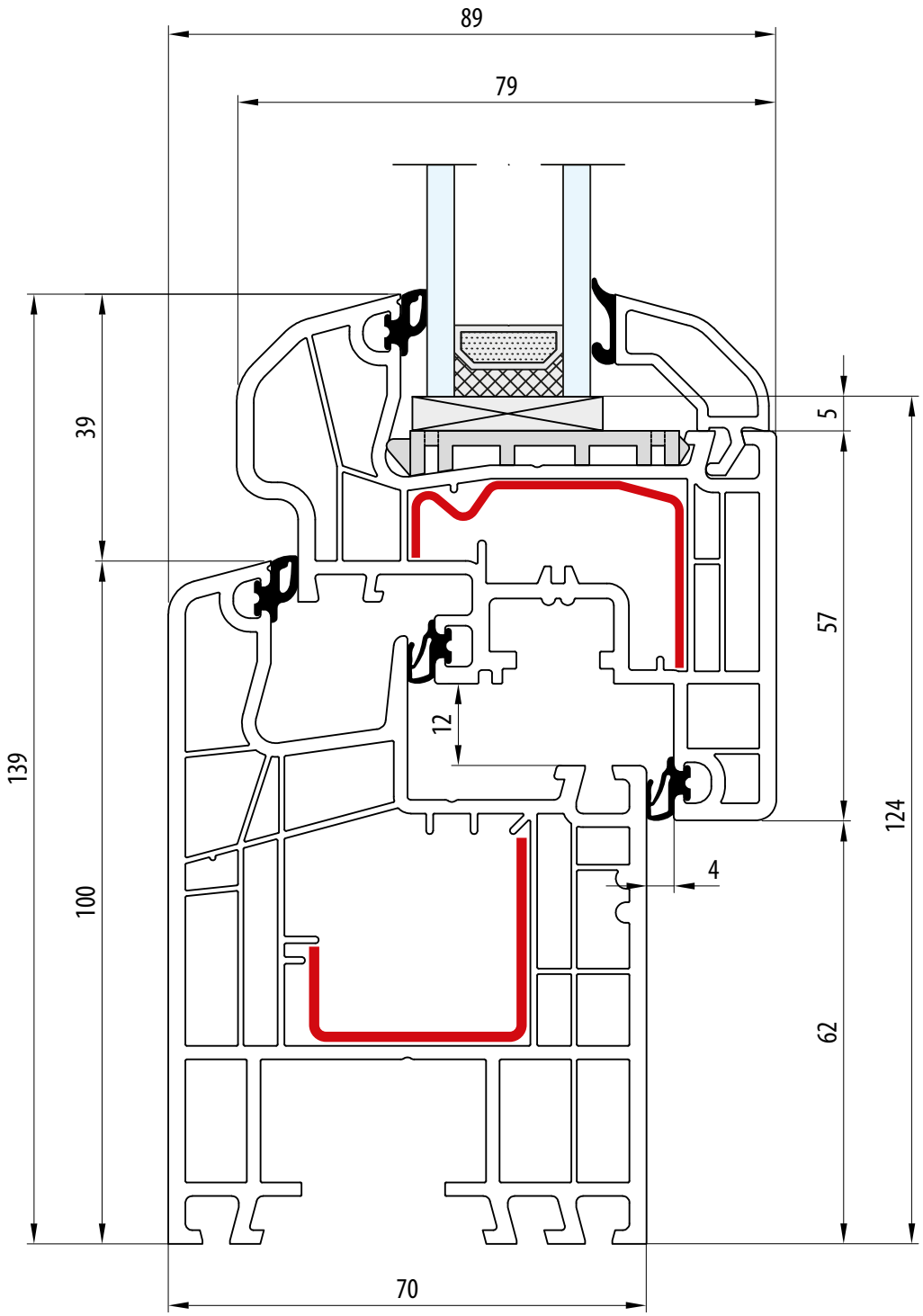


- Rama: 100 mm · Skrzydło: 77 mm
- Dormant: 100 mm · Vantail: 77 mm
- Frame: 100 mm · Sash: 77 mm
- Rahmen: 100 mm · Flügel: 77 mm
- Telaio: 100 mm · Anta: 77 mm
- Kader: 100 mm · Vleugel: 77 mm

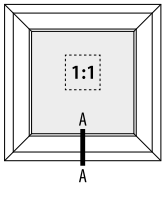


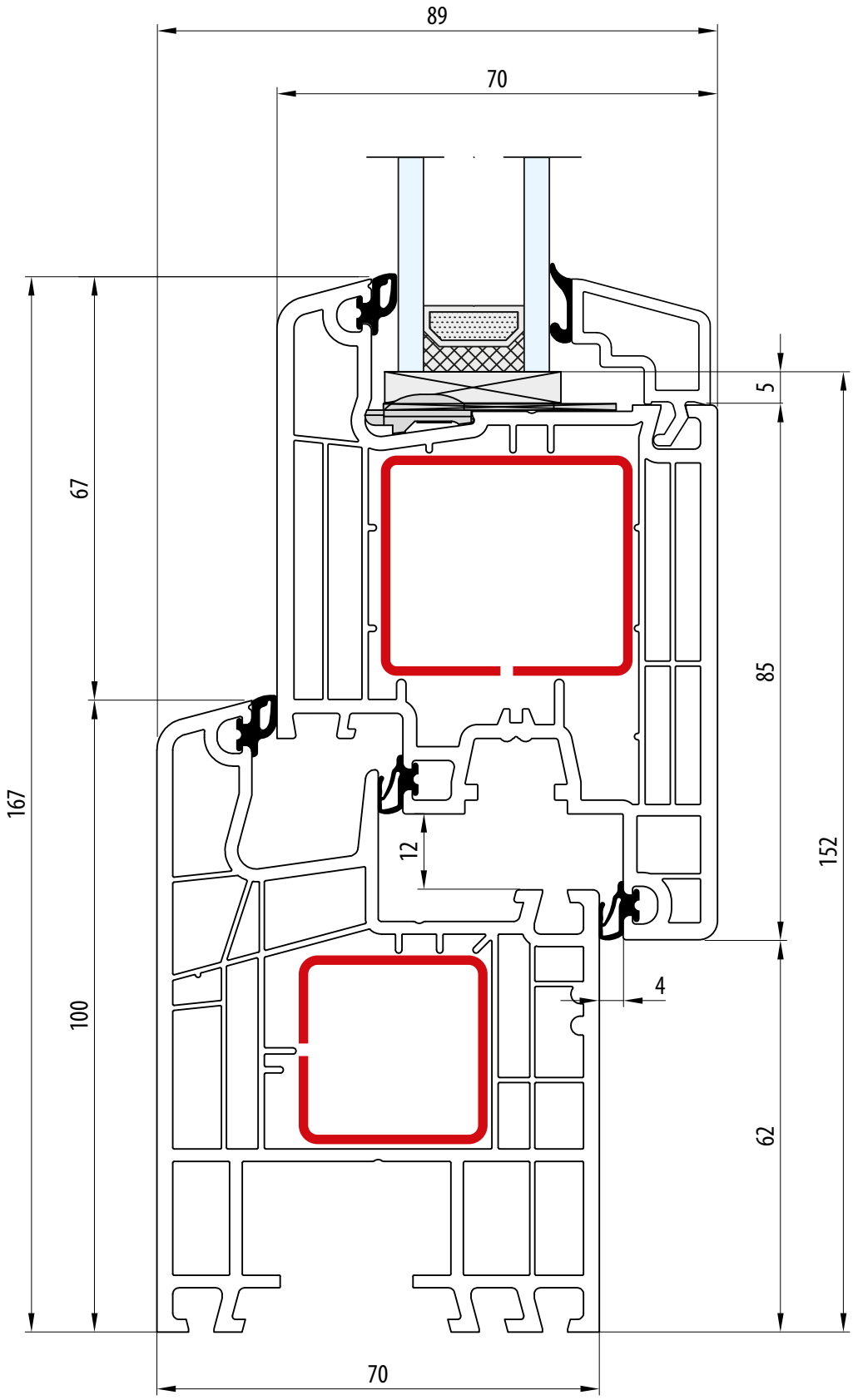
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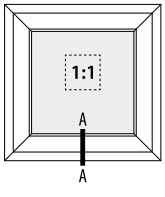


- Rama: 100 mm · Skrzydło: 77 mm
- Dormant: 100 mm · Vantail: 77 mm
- Frame: 100 mm · Sash: 77 mm
- Rahmen: 100 mm · Flügel: 77 mm
- Telaio: 100 mm · Anta: 77 mm
- Kader: 100 mm · Vleugel: 77 mm



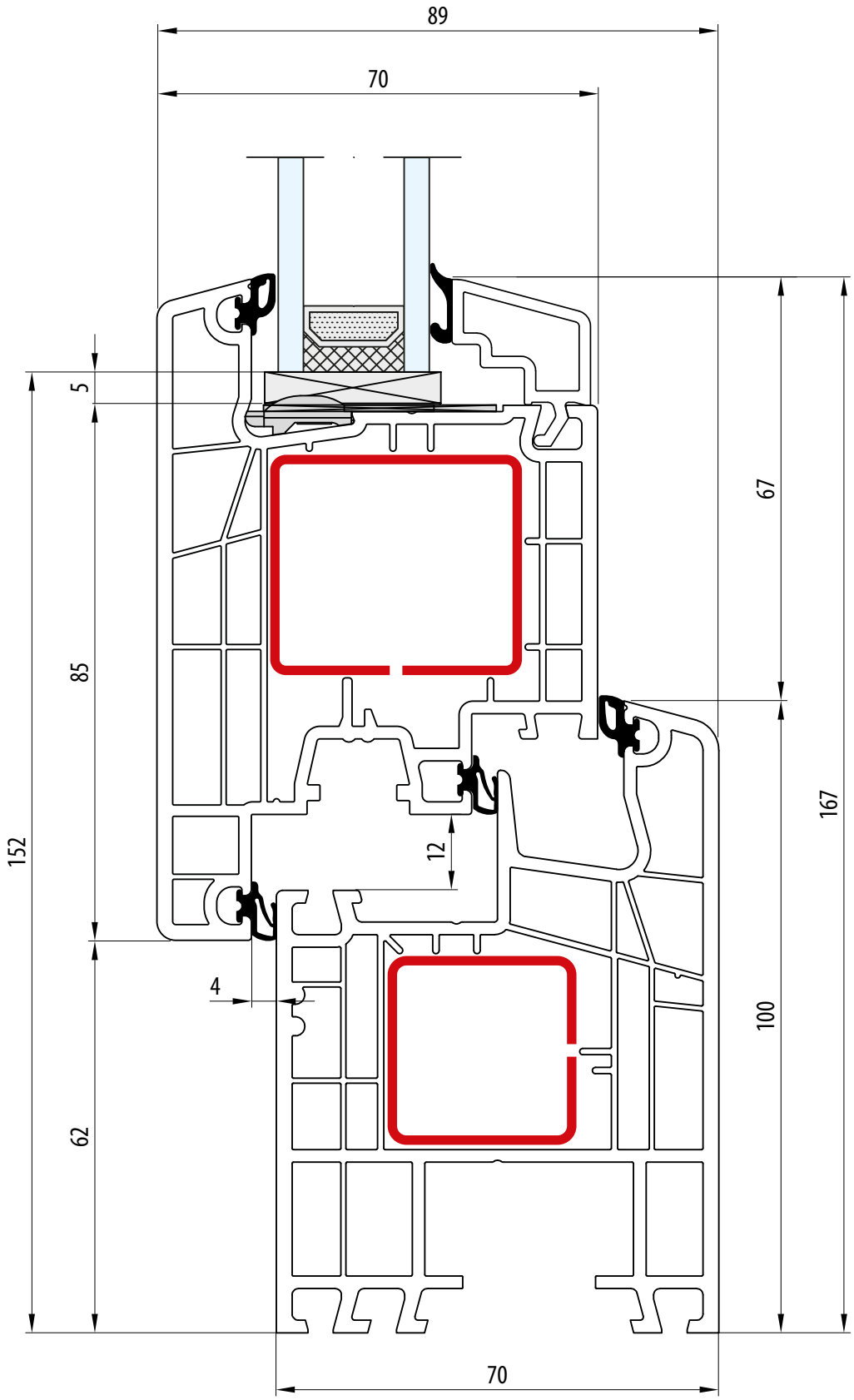


- Rama: 100 mm · Skrzydło: 105 mm
- Dormant: 100 mm · Vantail: 105 mm
- Frame: 100 mm · Sash: 105 mm
- Rahmen: 100 mm · Flügel: 105 mm
- Telaio: 100 mm · Anta: 105 mm
- Kader: 100 mm · Vleugel: 105 mm

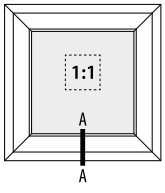


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Rama: 100 mm · Skrzydło: 105 mm
Dormant: 100 mm · Vantail: 105 mm
Frame: 100 mm · Sash: 105 mm
Rahmen: 100 mm · Flügel: 105 mm
Telaio: 100 mm · Anta: 105 mm
Kader: 100 mm · Vleugel: 105 mm

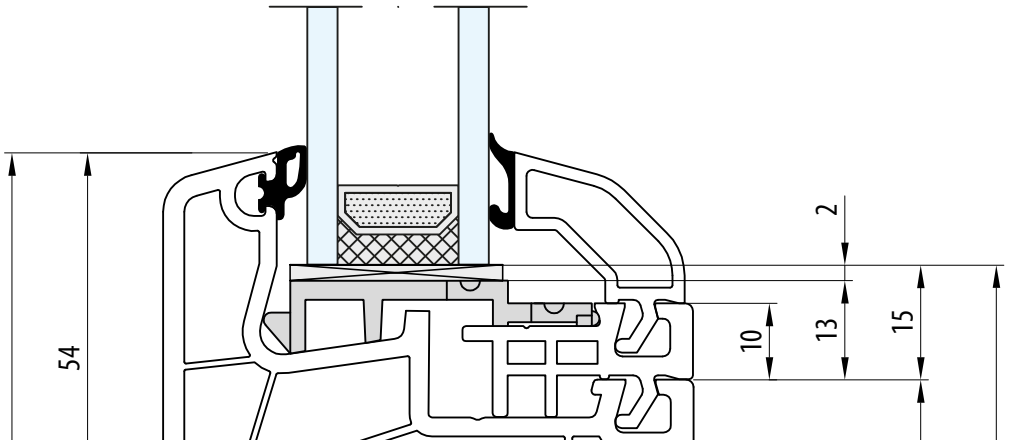


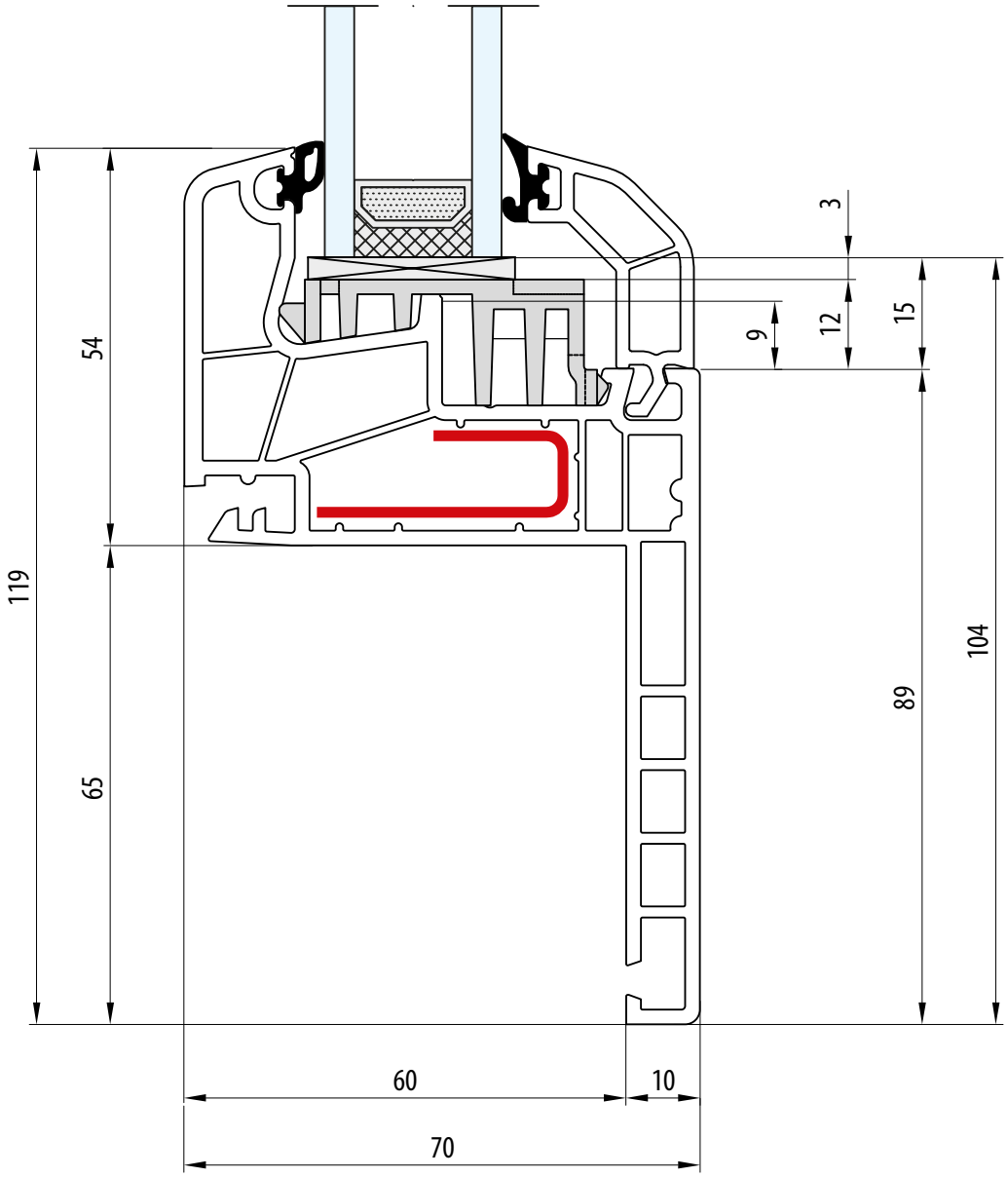




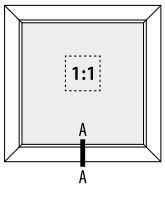






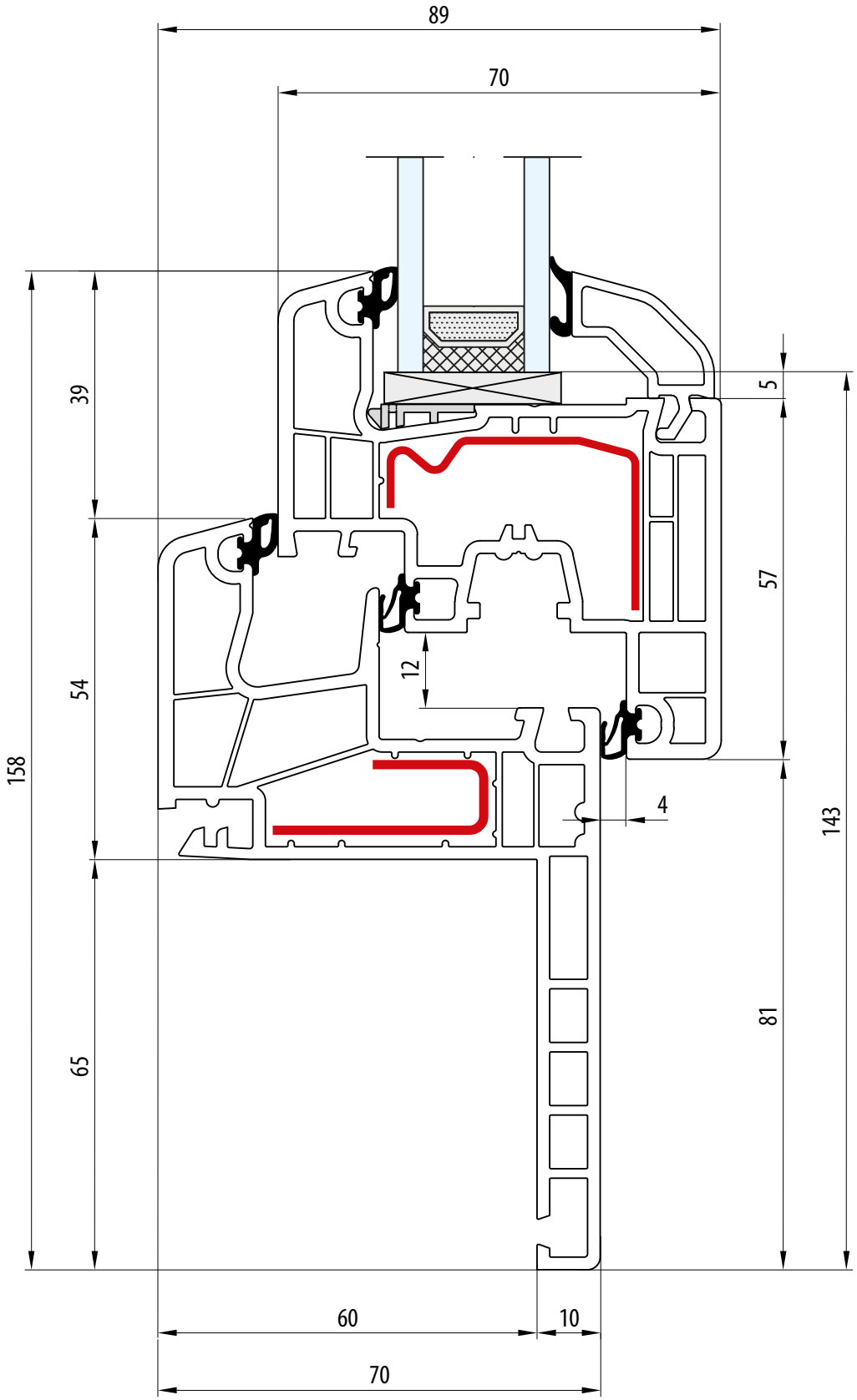


- RENOWACJA - Płetwa: 65 mm · Rama: 54 mm
- RÉNOVATION - Lip: 65 mm · Dormant: 54 mm
- RENOVATION - Strip: 65 mm · Frame: 54 mm
- RENOVIERUNG - Flosse: 65 mm · Rahmen: 54 mm
- RINNOVAZIONE - Aletta da: 65 mm · Telaio: 54 mm
- RENOVATIE - Vin: 65 mm · Kader: 54 mm

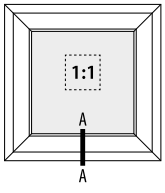


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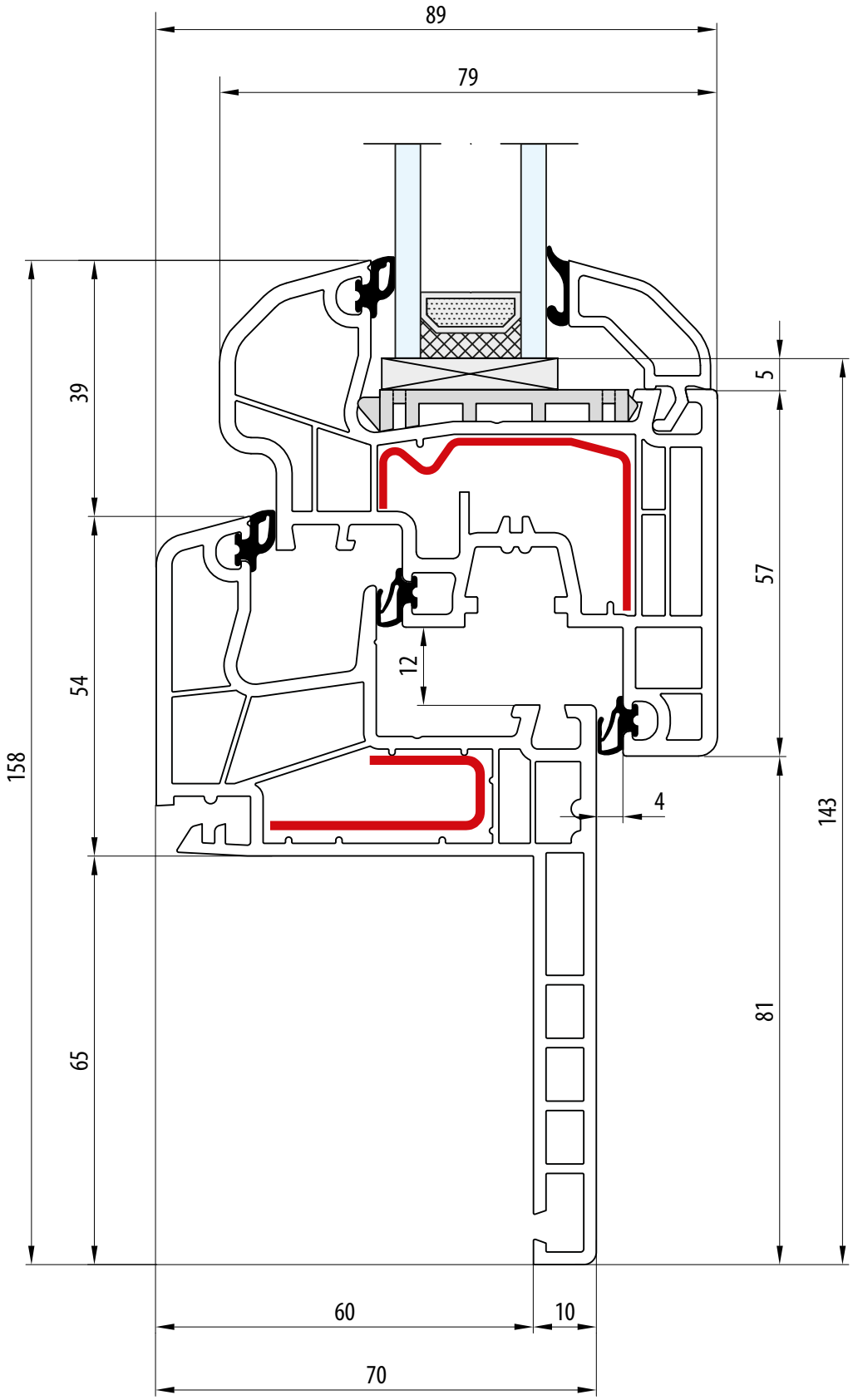


RENOWACJA - Płetwa: 65 mm · Rama: 54 mm · Skrzydło: 77 mm
RÉNOVATION - Lip: 65 mm · Dormant: 54 mm · Vantail: 77 mm
RENOVATION - Strip: 65 mm · Frame: 54 mm · Sash: 77 mm
RENOVIERUNG - Flosse: 65 mm · Rahmen: 54 mm · Flügel: 77 mm
RINNOVAZIONE - Aletta da: 65 mm · Telaio: 54 mm · Anta: 77 mm
RENOVATIE - Vin: 65 mm · Kader: 54 mm · Vleugel: 77 mm

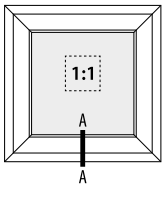


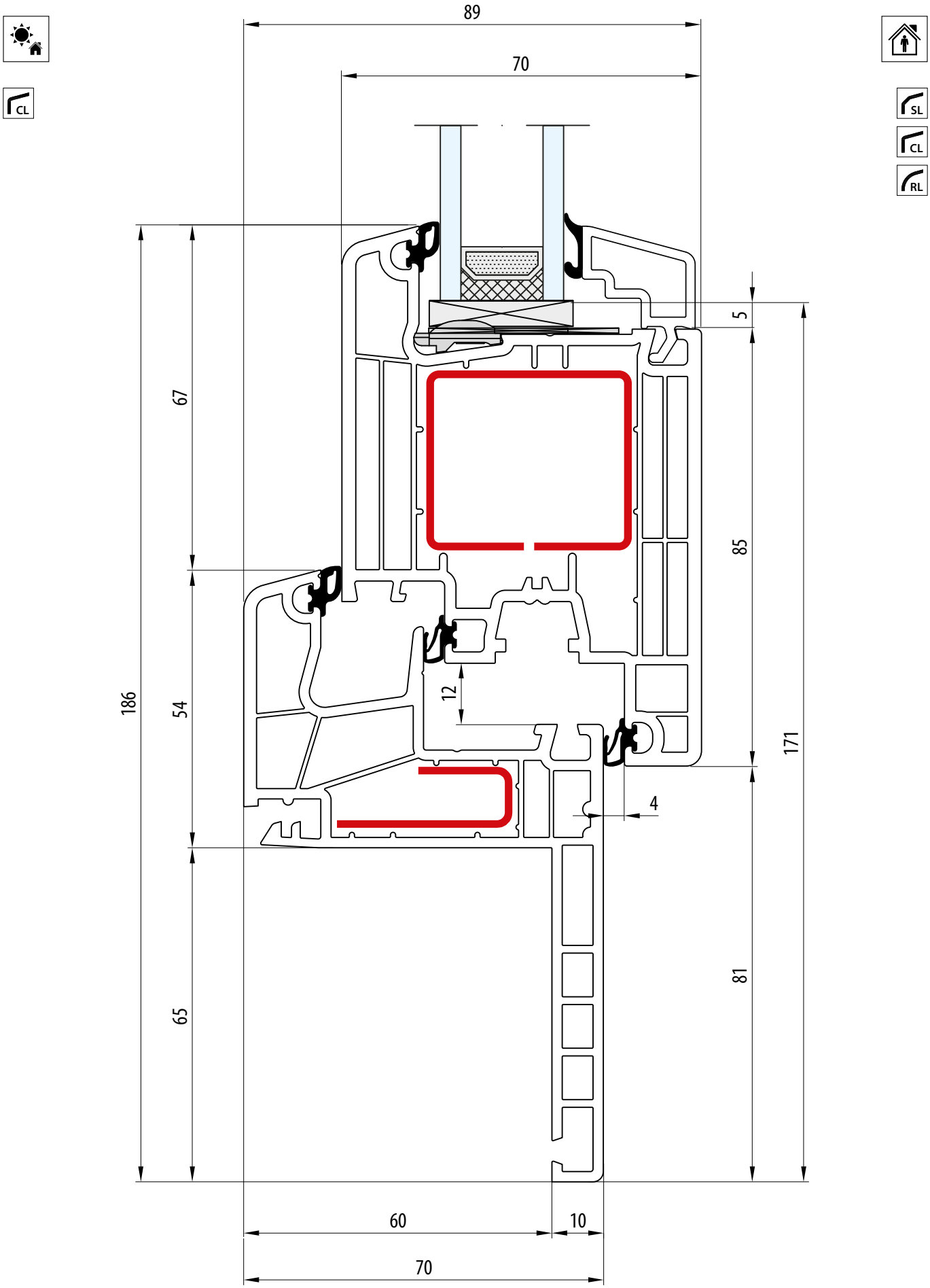
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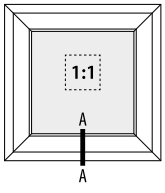


RENOWACJA - Płetwa: 65 mm · Rama: 54 mm · Skrzydło: 77 mm
RÉNOVATION - Lip: 65 mm · Dormant: 54 mm · Vantail: 77 mm
RENOVATION - Strip: 65 mm · Frame: 54 mm · Sash: 77 mm
RENOVIERUNG - Flosse: 65 mm · Rahmen: 54 mm · Flügel: 77 mm
RINNOVAZIONE - Aletta da: 65 mm · Telaio: 54 mm · Anta: 77 mm
RENOVATIE - Vin: 65 mm · Kader: 54 mm · Vleugel: 77 mm





- RENOWACJA - Płetwa: 65 mm · Rama: 54 mm · Skrzydło: 105 mm
- RÉNOVATION - Lip: 65 mm · Dormant: 54 mm · Vantail: 105 mm
- RENOVATION - Strip: 65 mm · Frame: 54 mm · Sash: 105 mm
- RENOVIERUNG - Flosse: 65 mm · Rahmen: 54 mm · Flügel: 105 mm
- RINNOVAZIONE - Aletta da: 65 mm · Telaio: 54 mm · Anta: 105 mm
- RENOVATIE - Vin: 65 mm · Kader: 54 mm · Vleugel: 105 mm

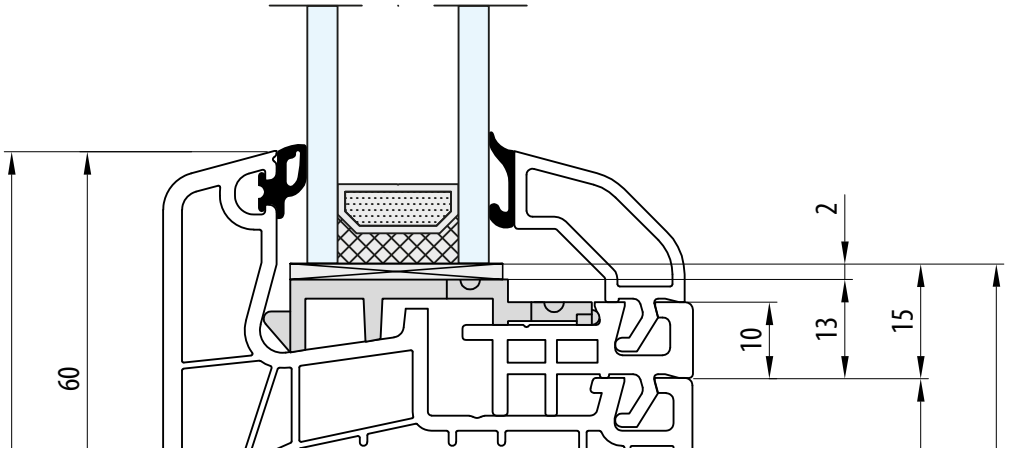


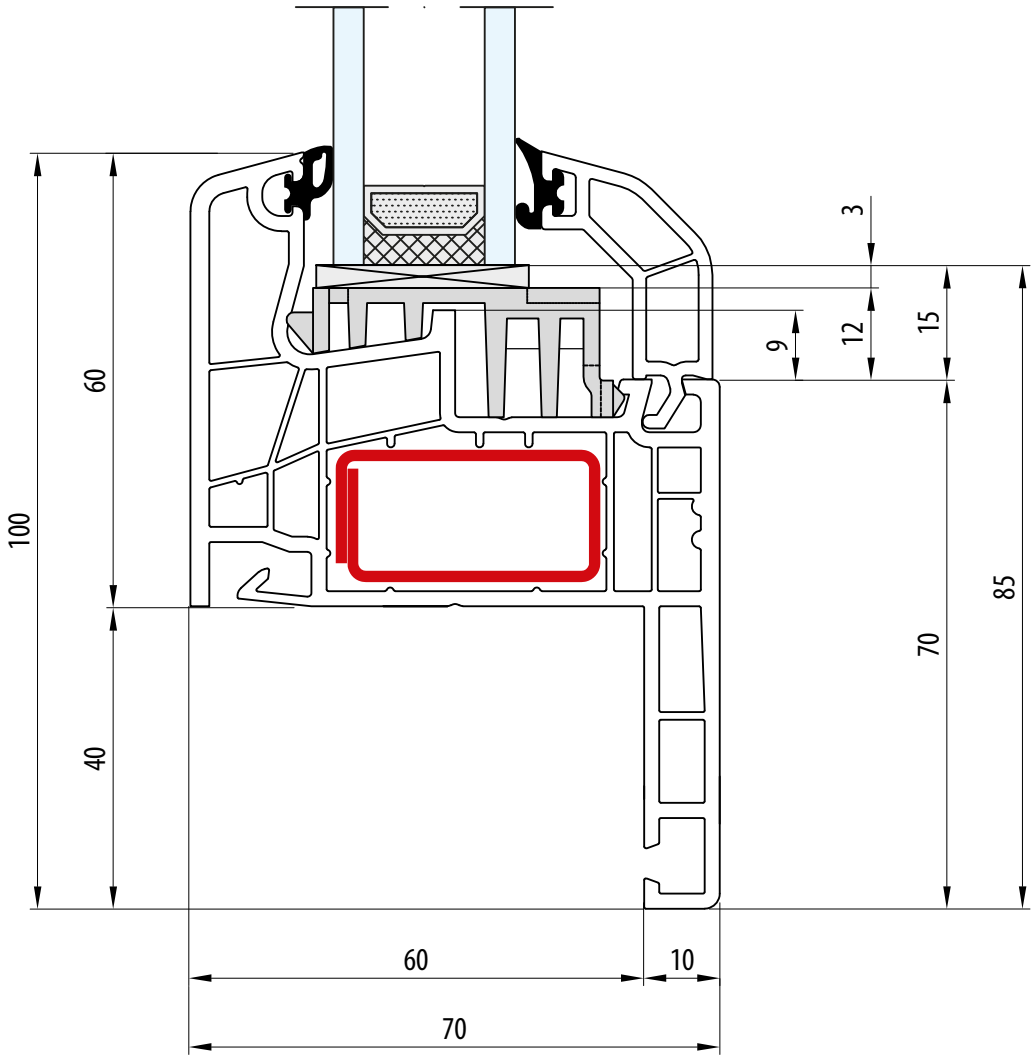




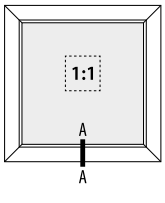






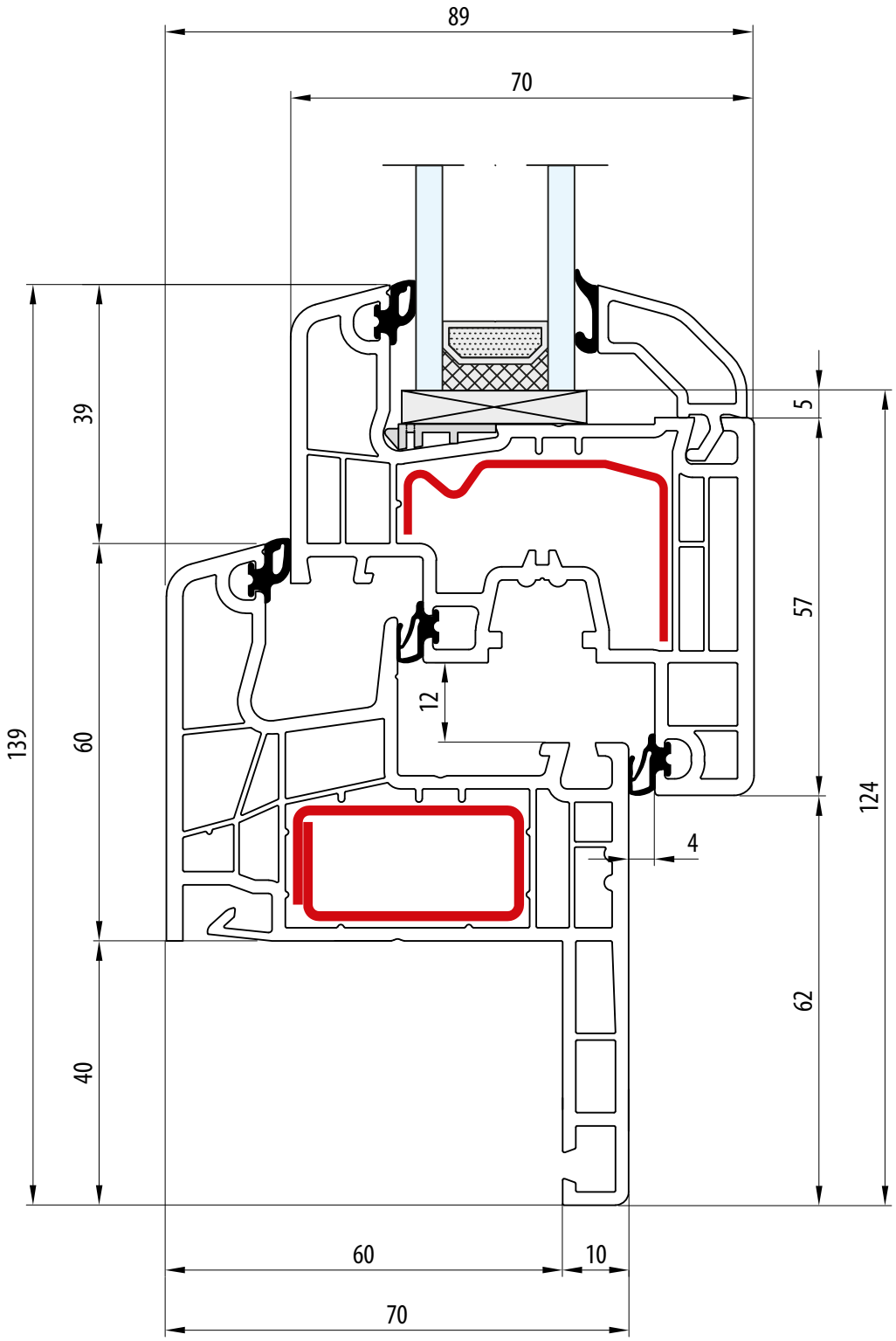


- RENOWACJA - Płetwa: 40 mm · Rama: 60 mm
- RÉNOVATION - Lip: 40 mm · Dormant: 60 mm
- RENOVATION - Strip: 40 mm · Frame: 60 mm
- RENOVIERUNG - Flosse: 40 mm · Rahmen: 60 mm
- RINNOVAZIONE - Aletta da: 40 mm · Telaio: 60 mm
- RENOVATIE - Vin: 40 mm · Kader: 60 mm

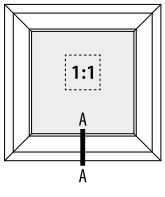


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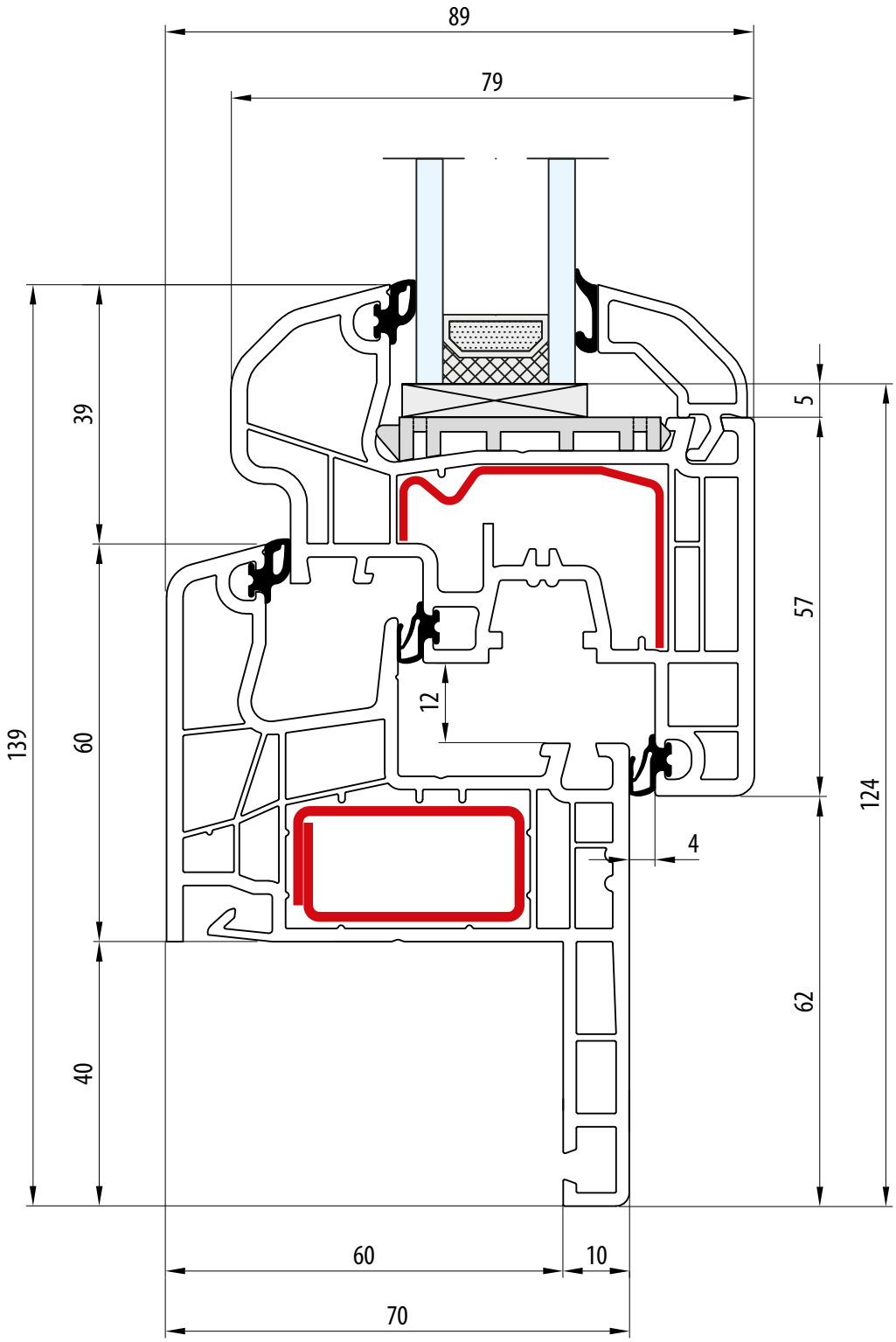


RENOWACJA - Płetwa: 40 mm · Rama: 60 mm · Skrzydło: 77 mm
RÉNOVATION - Lip: 40 mm · Dormant: 60 mm · Vantail: 77 mm
RENOVATION - Strip: 40 mm · Frame: 60 mm · Sash: 77 mm
RENOVIERUNG - Flosse: 40 mm · Rahmen: 60 mm · Flügel: 77 mm
RINNOVAZIONE - Aletta da: 40 mm · Telaio: 60 mm · Anta: 77 mm
RENOVATIE - Vin: 40 mm · Kader: 60 mm · Vleugel: 77 mm

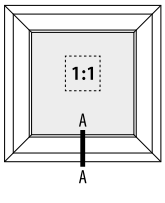


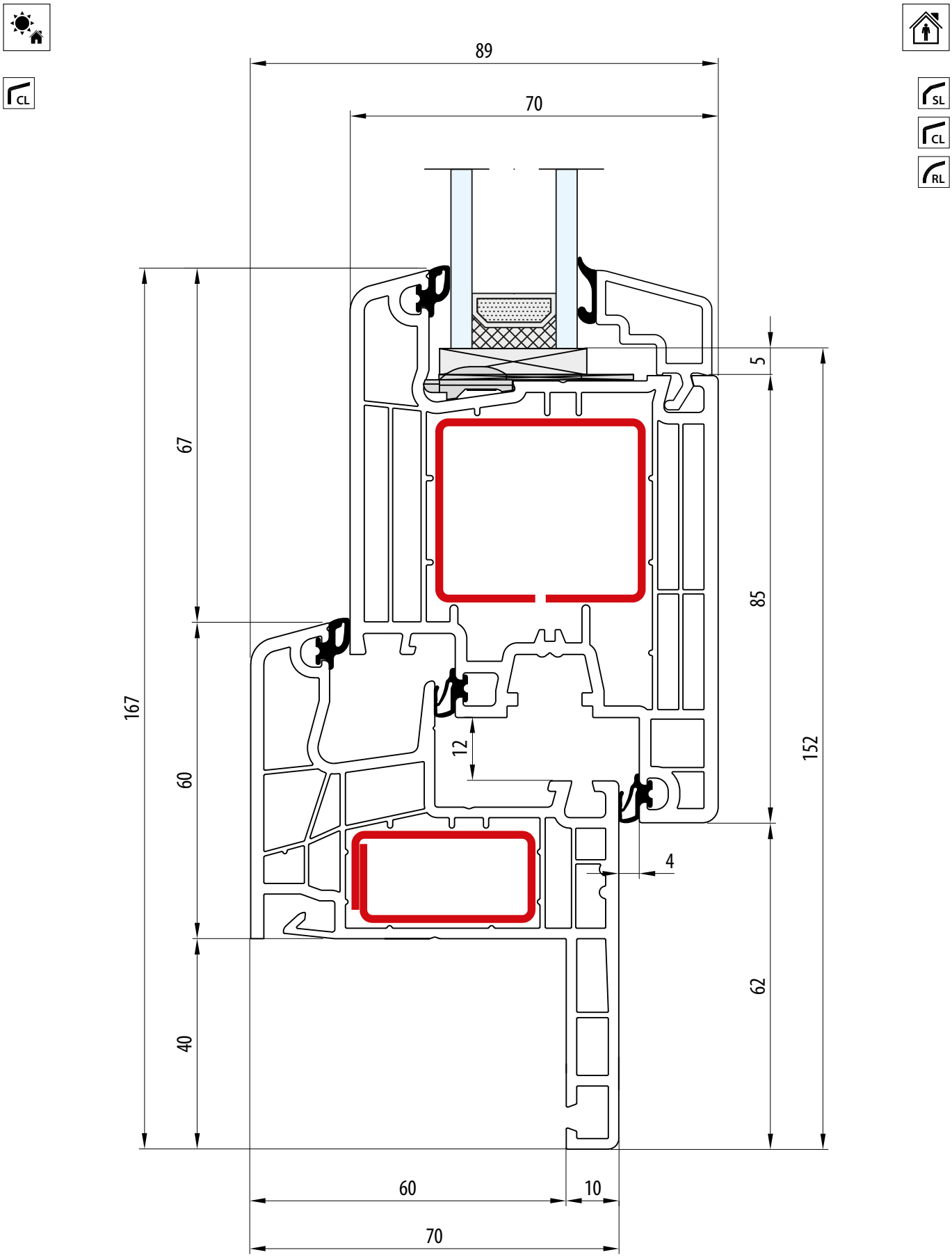
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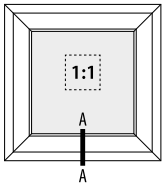


- RENOWACJA - Płetwa: 40 mm · Rama: 60 mm · Skrzydło: 77 mm
- RÉNOVATION - Lip: 40 mm · Dormant: 60 mm · Vantail: 77 mm
- RENOVATION - Strip: 40 mm · Frame: 60 mm · Sash: 77 mm
- RENOVIERUNG - Flosse: 40 mm · Rahmen: 60 mm · Flügel: 77 mm
- RINNOVAZIONE - Aletta da: 40 mm · Telaio: 60 mm · Anta: 77 mm
- RENOVATIE - Vin: 40 mm · Kader: 60 mm · Vleugel: 77 mm

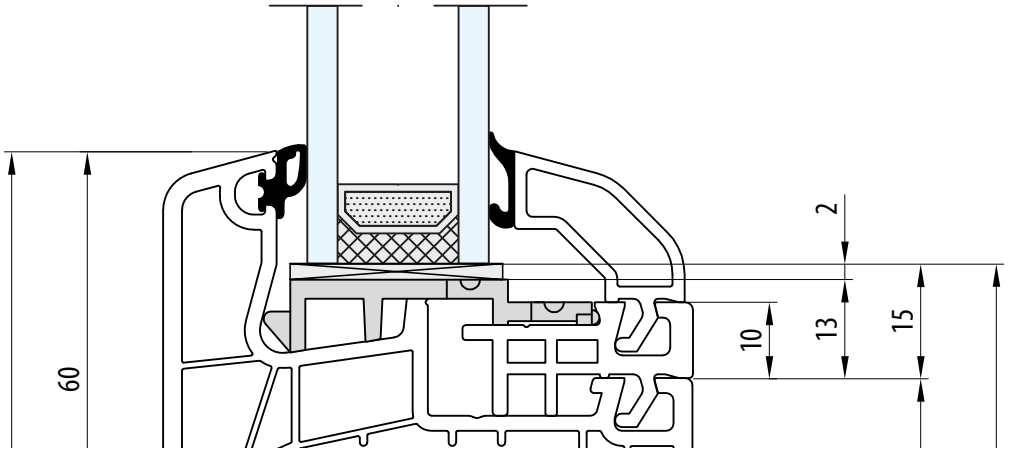




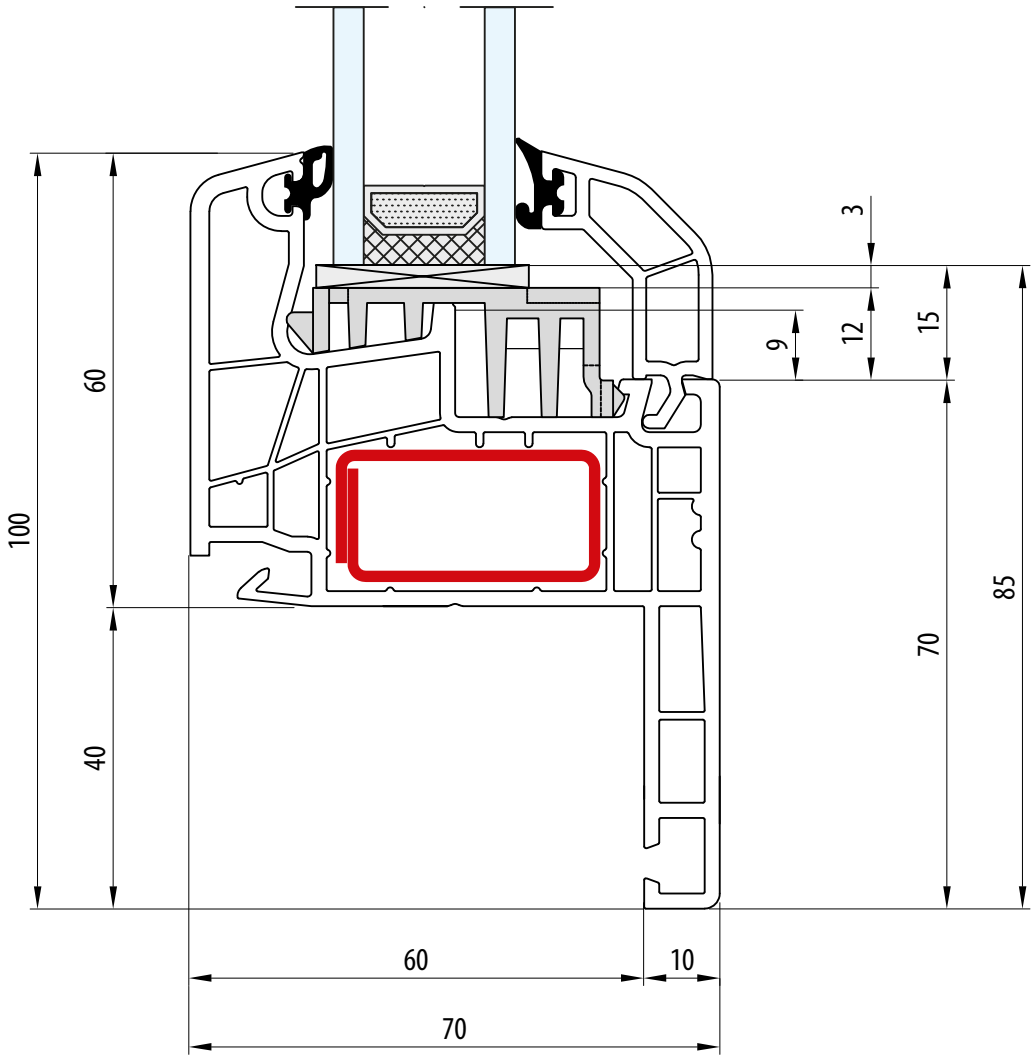
RENOWACJA - Płetwa: 40 mm · Rama: 60 mm · Skrzydło: 105 mm
RÉNOVATION - Lip: 40 mm · Dormant: 60 mm · Vantail: 105 mm
RENOVATION - Strip: 40 mm · Frame: 60 mm · Sash: 105 mm
RENOVIERUNG - Flosse: 40 mm · Rahmen: 60 mm · Flügel: 105 mm
RINNOVAZIONE - Aletta da: 40 mm · Telaio: 60 mm · Anta: 105 mm
RENOVATIE - Vin: 40 mm · Kader: 60 mm · Vleugel: 105 mm



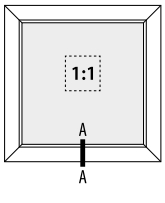
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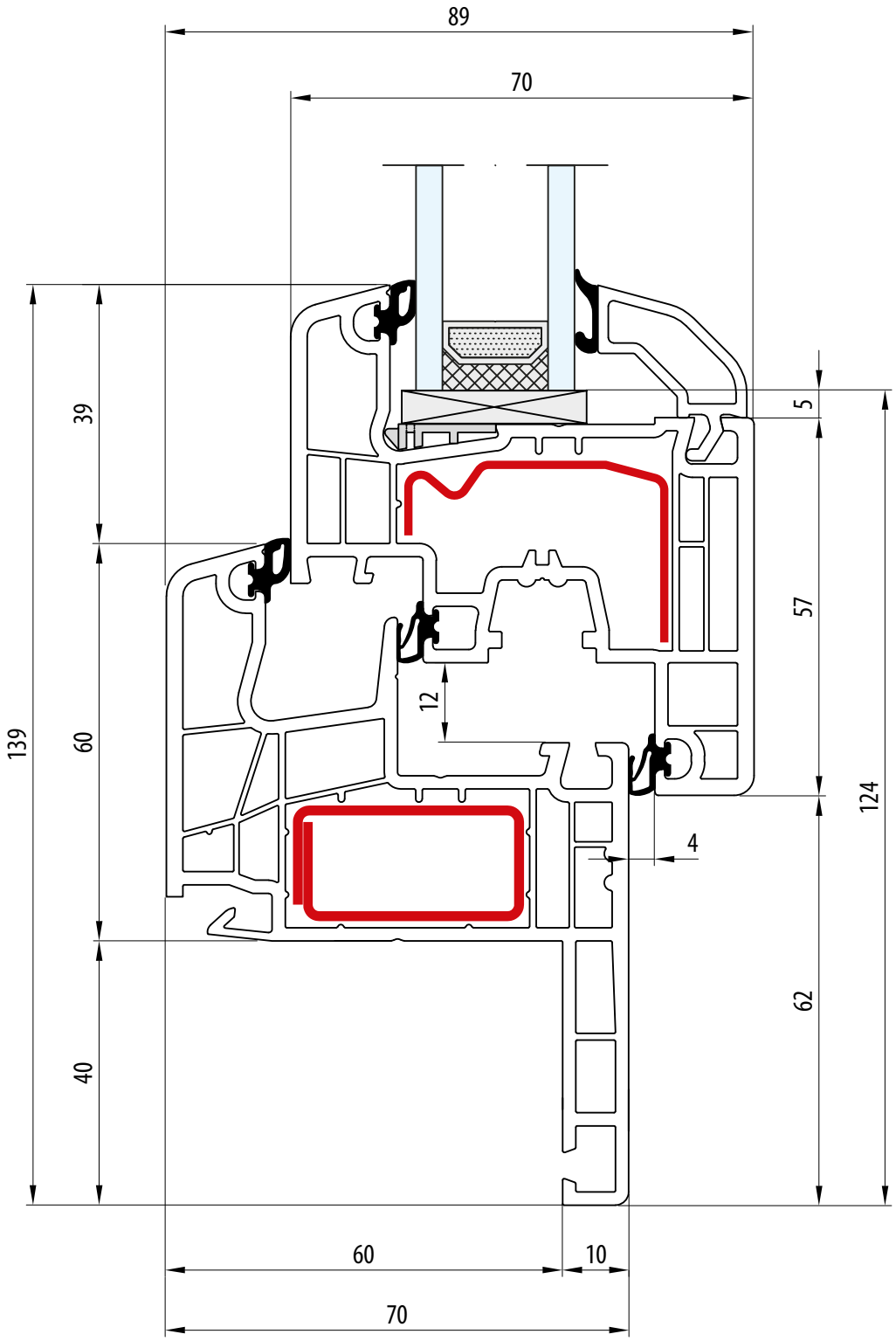


- RENOWACJA - Płetwa: 40 mm · Rama: 60 mm
- RÉNOVATION - Lip: 40 mm · Dormant: 60 mm
- RENOVATION - Strip: 40 mm · Frame: 60 mm
- RENOVIERUNG - Flosse: 40 mm · Rahmen: 60 mm
- RINNOVAZIONE - Aletta da: 40 mm · Telaio: 60 mm
- RENOVATIE - Vin: 40 mm · Kader: 60 mm

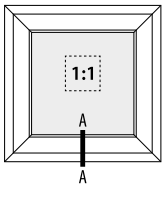


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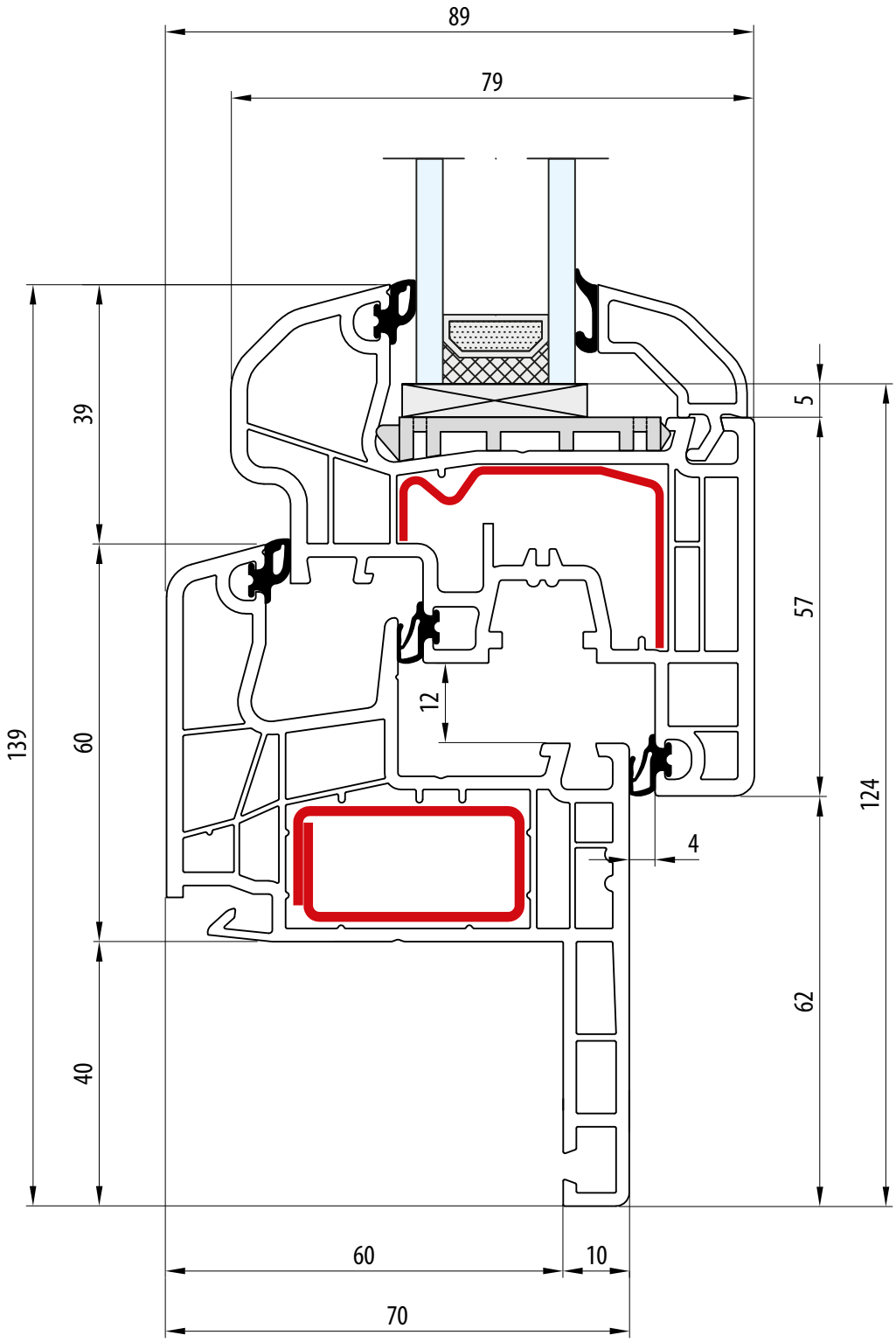


RENOWACJA - Płetwa: 40 mm · Rama: 60 mm · Skrzydło: 77 mm
RÉNOVATION - Lip: 40 mm · Dormant: 60 mm · Vantail: 77 mm
RENOVATION - Strip: 40 mm · Frame: 60 mm · Sash: 77 mm
RENOVIERUNG - Flosse: 40 mm · Rahmen: 60 mm · Flügel: 77 mm
RINNOVAZIONE - Aletta da: 40 mm · Telaio: 60 mm · Anta: 77 mm
RENOVATIE - Vin: 40 mm · Kader: 60 mm · Vleugel: 77 mm

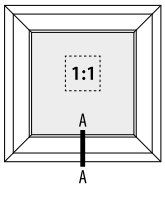


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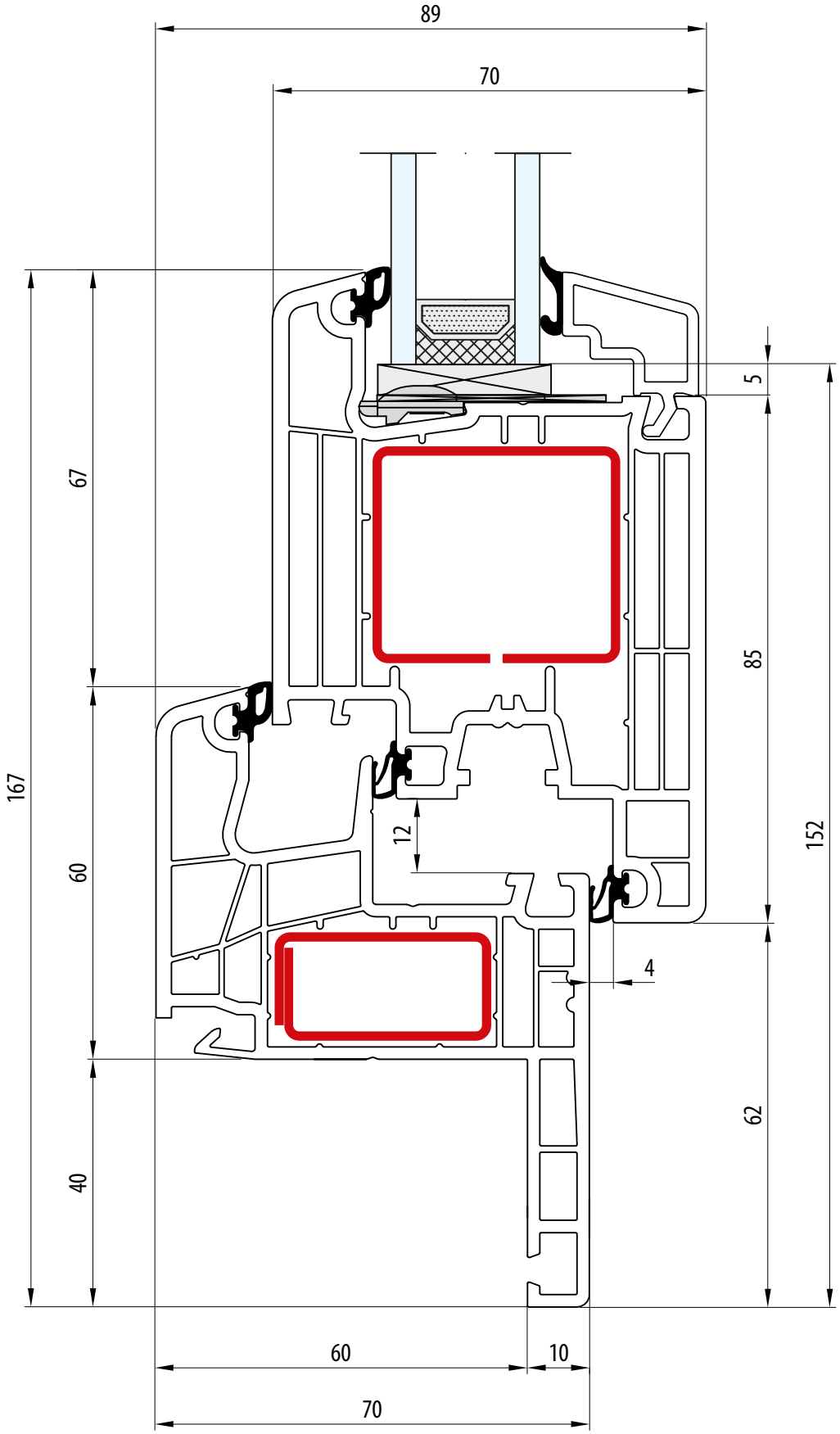


RENOWACJA - Płetwa: 40 mm · Rama: 60 mm · Skrzydło: 77 mm
RÉNOVATION - Lip: 40 mm · Dormant: 60 mm · Vantail: 77 mm
RENOVATION - Strip: 40 mm · Frame: 60 mm · Sash: 77 mm
RENOVIERUNG - Flosse: 40 mm · Rahmen: 60 mm · Flügel: 77 mm
RINNOVAZIONE - Aletta da: 40 mm · Telaio: 60 mm · Anta: 77 mm
RENOVATIE - Vin: 40 mm · Kader: 60 mm · Vleugel: 77 mm

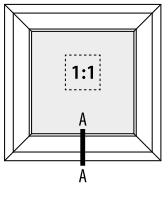


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RENOWACJA - Płetwa: 40 mm · Rama: 60 mm · Skrzydło: 105 mm
RÉNOVATION - Lip: 40 mm · Dormant: 60 mm · Vantail: 105 mm
RENOVATION - Strip: 40 mm · Frame: 60 mm · Sash: 105 mm
RENOVIERUNG - Flosse: 40 mm · Rahmen: 60 mm · Flügel: 105 mm
RINNOVAZIONE - Aletta da: 40 mm · Telaio: 60 mm · Anta: 105 mm
RENOVATIE - Vin: 40 mm · Kader: 60 mm · Vleugel: 105 mm





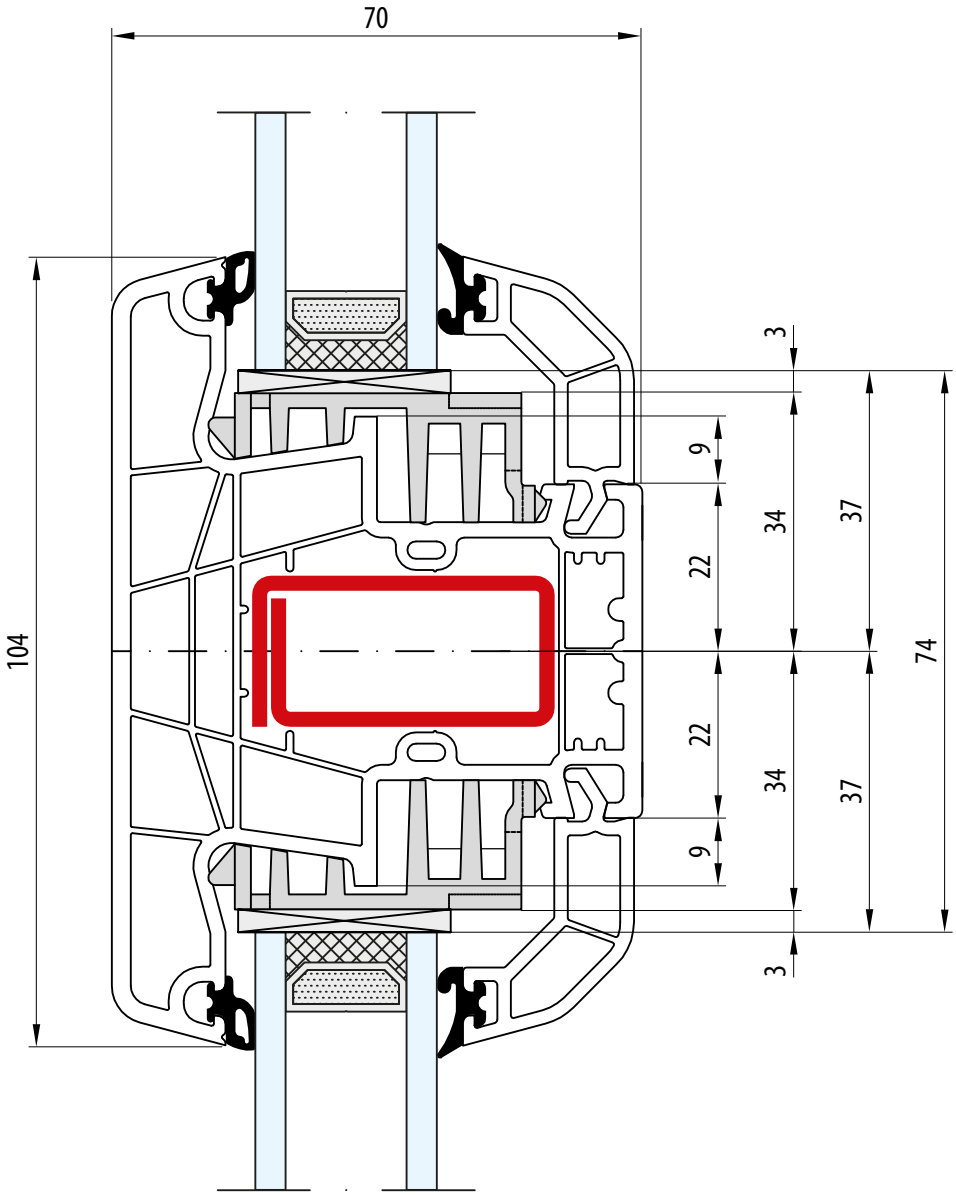


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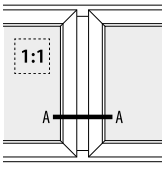
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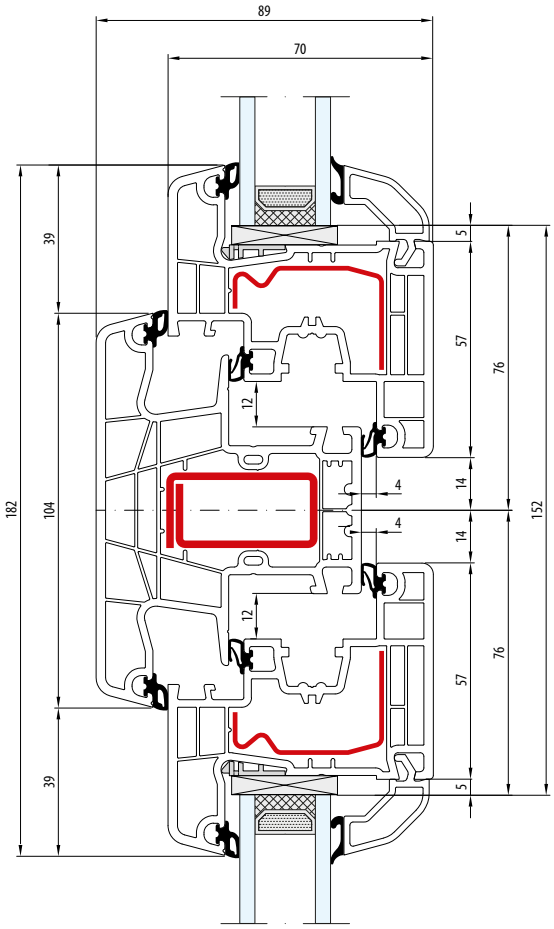


- Słupek stały: 104 mm
- Meneau fixe: 104 mm
- Fix post: 104 mm
- Festem Pfahl: 104 mm
- Montante fisso: 104 mm
- Vaste stijl: 104 mm

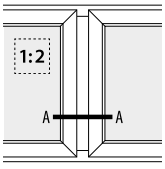


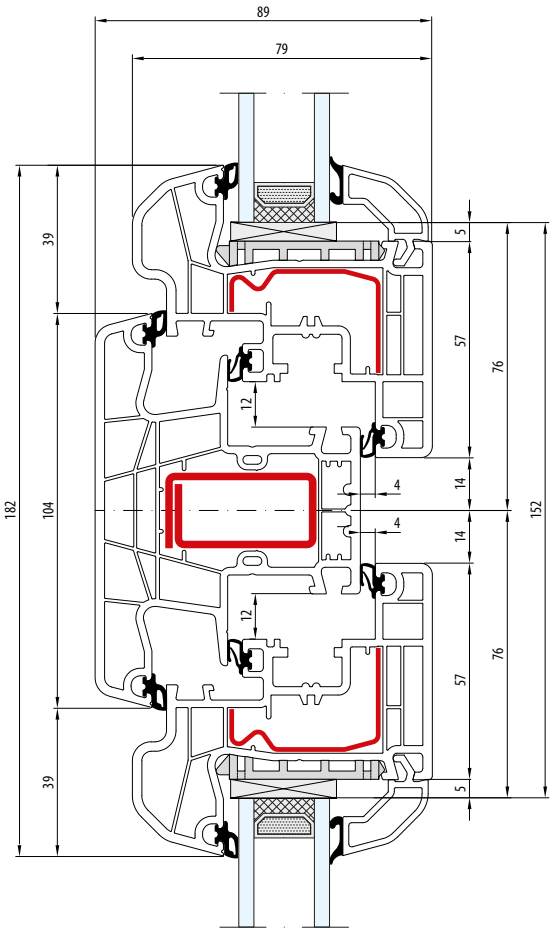
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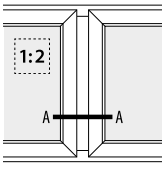


- Słupek stały: 104 mm · Skrzydło: 77 mm
- Meneau fixe: 104 mm · Vantail: 77 mm
- Fix post: 104 mm · Sash: 77 mm
- Festem Pfahl: 104 mm · Flügel: 77 mm
- Montante fisso: 104 mm · Anta: 77 mm
- Vaste stijl: 104 mm · Vleugel: 77 mm



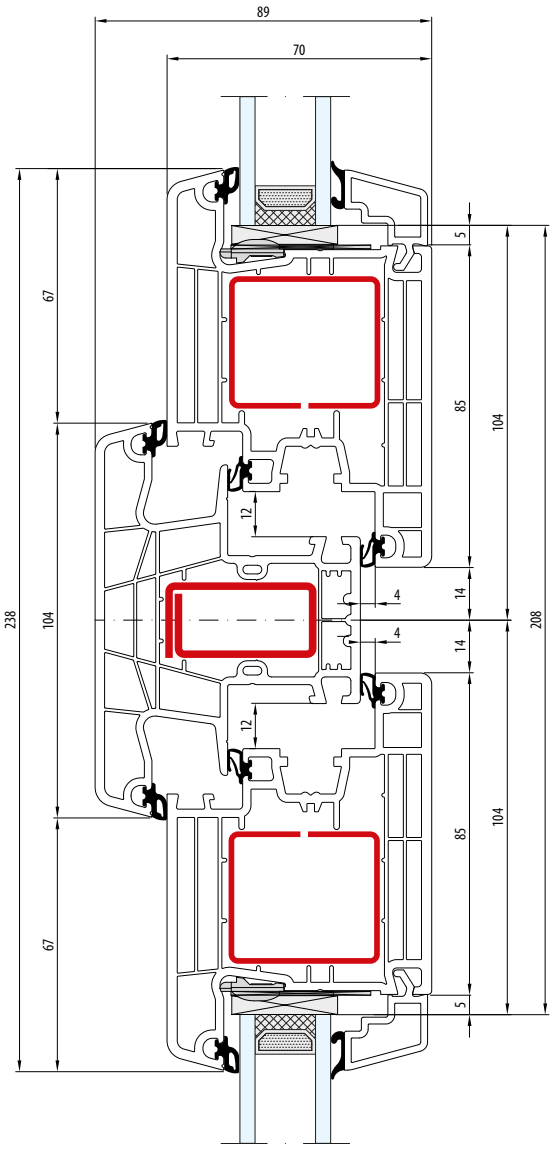


- Słupek stały: 104 mm · Skrzydło: 77 mm
- Meneau fixe: 104 mm · Vantail: 77 mm
- Fix post: 104 mm · Sash: 77 mm
- Festem Pfahl: 104 mm · Flügel: 77 mm
- Montante fisso: 104 mm · Anta: 77 mm
- Vaste stijl: 104 mm · Vleugel: 77 mm

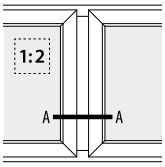


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- Słupek stały: 104 mm · Skrzydło: 105 mm
- Meneau fixe: 104 mm · Vantail: 105 mm
- Fix post: 104 mm · Sash: 105 mm
- Festem Pfahl: 104 mm · Flügel: 105 mm
- Montante fisso: 104 mm · Anta: 105 mm
- Vaste stijl: 104 mm · Vleugel: 105 mm





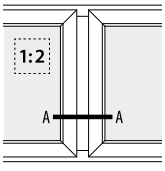






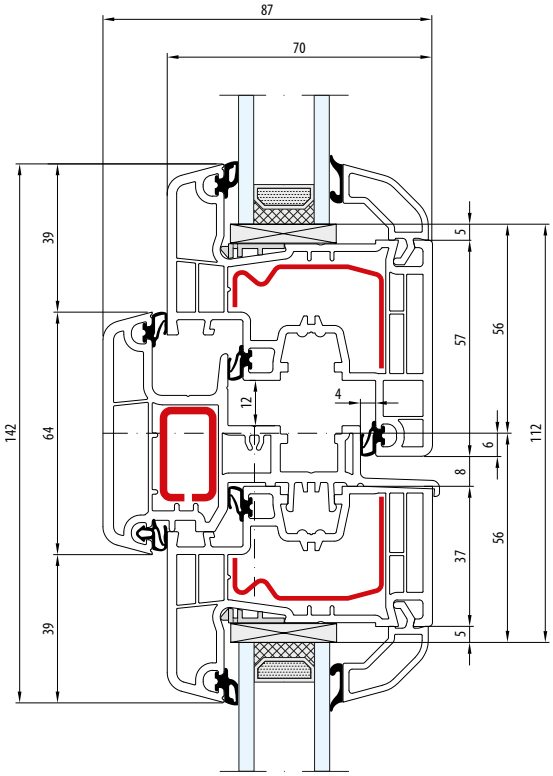


- Słupek stały: 104 mm · Skrzydło: 105 mm
- Meneau fixe: 104 mm · Vantail: 105 mm
- Fix post: 104 mm · Sash: 105 mm
- Festem Pfahl: 104 mm · Flügel: 105 mm
- Montante fisso: 104 mm · Anta: 105 mm
- Vaste stijl: 104 mm · Vleugel: 105 mm

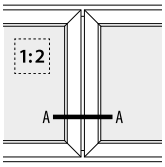


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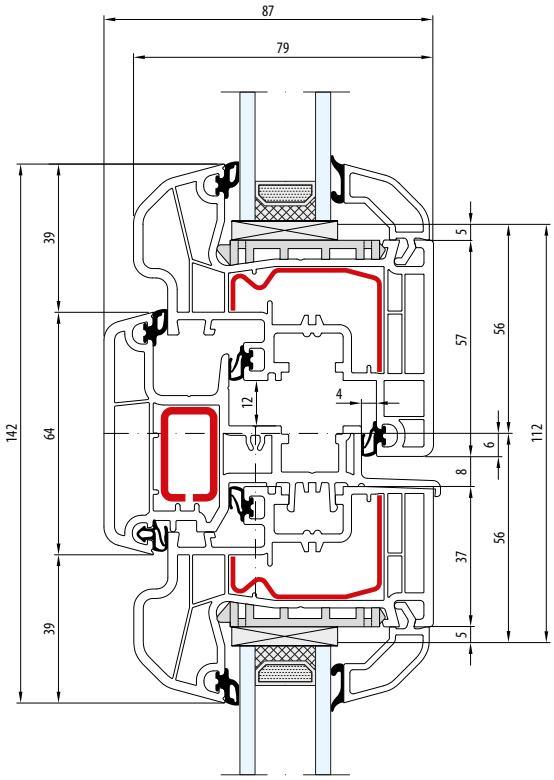


- Słupek ruchomy: 64 mm · Skrzydło: 77 mm / 57 mm
- Meneau mobile: 64 mm · Vantail: 77 mm / 57 mm
- Movable post: 64 mm · Sash: 77 mm / 57 mm
- Stulp: 64 mm · Flügel: 77 mm / 57 mm
- Montante mobile: 64 mm · Anta: 77 mm / 57 mm
- Verplaatsbare stijl: 64 mm · Vleugel: 77 mm / 57 mm

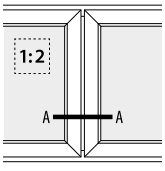


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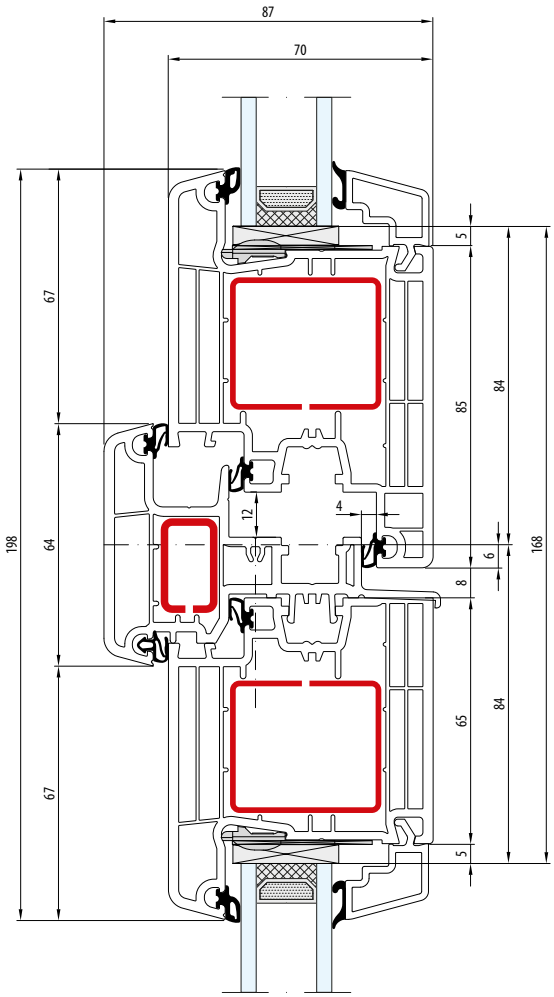


- Słupek ruchomy: 64 mm · Skrzydło: 77 mm / 57 mm
- Meneau mobile: 64 mm · Vantail: 77 mm / 57 mm
- Movable post: 64 mm · Sash: 77 mm / 57 mm
- Stulp: 64 mm · Flügel: 77 mm / 57 mm
- Montante mobile: 64 mm · Anta: 77 mm / 57 mm
- Verplaatsbare stijl: 64 mm · Vleugel: 77 mm / 57 mm

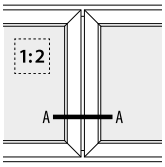


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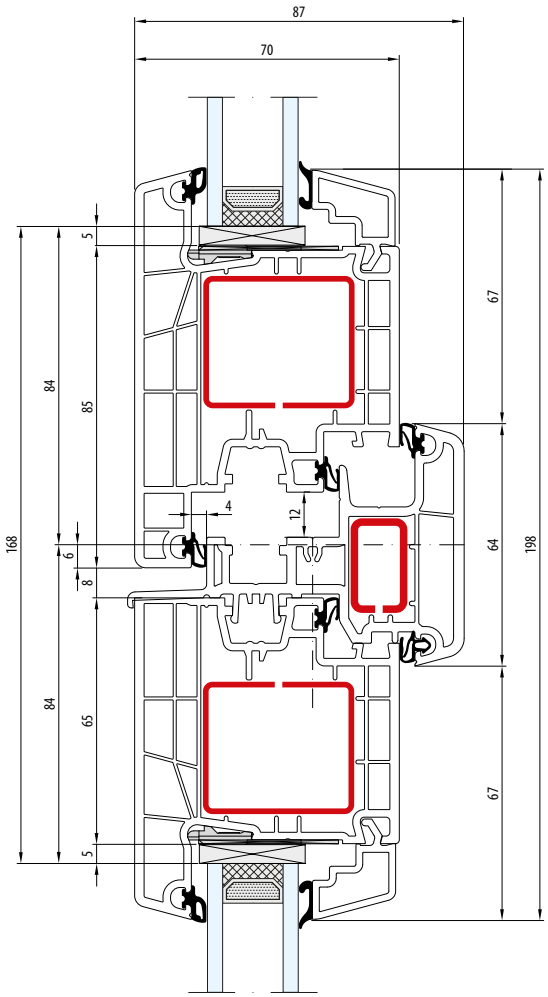


- Słupek ruchomy: 64 mm · Skrzydło: 105 mm / 85 mm
- Meneau mobile: 64 mm · Vantail: 105 mm / 85 mm
- Movable post: 64 mm · Sash: 105 mm / 85 mm
- Stulp: 64 mm · Flügel: 105 mm / 85 mm
- Montante mobile: 64 mm · Anta: 105 mm / 85 mm
- Verplaatsbare stijl: 64 mm · Vleugel: 105 mm / 85 mm

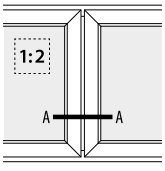


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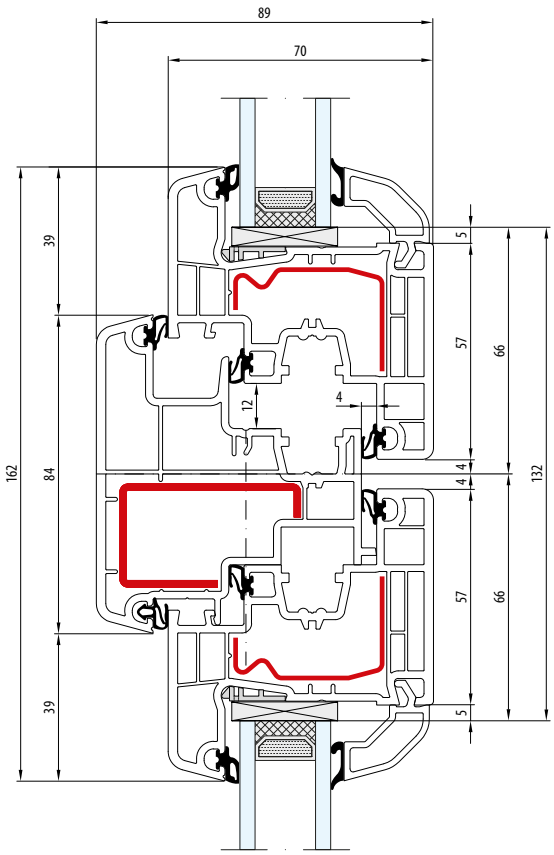


Słupek ruchomy: 64 mm · Skrzydło: 105 mm / 85 mm
Meneau mobile: 64 mm · Vantail: 105 mm / 85 mm
Movable post: 64 mm · Sash: 105 mm / 85 mm
Stulp: 64 mm · Flügel: 105 mm / 85 mm
Montante mobile: 64 mm · Anta: 105 mm / 85 mm
Verplaatsbare stijl: 64 mm · Vleugel: 105 mm / 85 mm

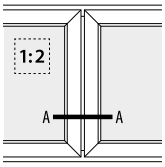


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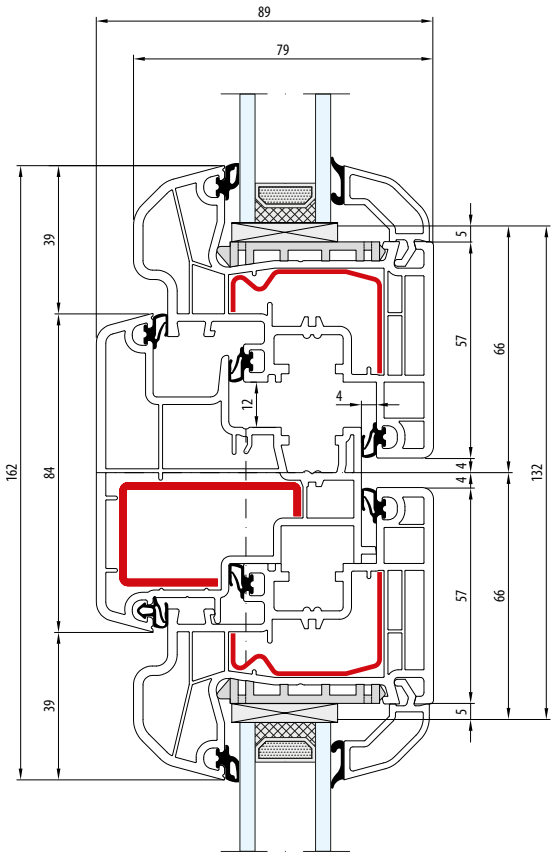


- Słupek ruchomy: 84 mm · Skrzydło: 77 mm
- Meneau mobile: 84 mm · Vantail: 77 mm
- Movable post: 84 mm · Sash: 77 mm
- Stulp: 84 mm · Flügel: 77 mm
- Montante mobile: 84 mm · Anta: 77 mm
- Verplaatsbare stijl: 84 mm · Vleugel: 77 mm

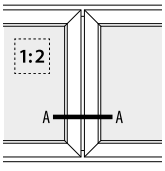


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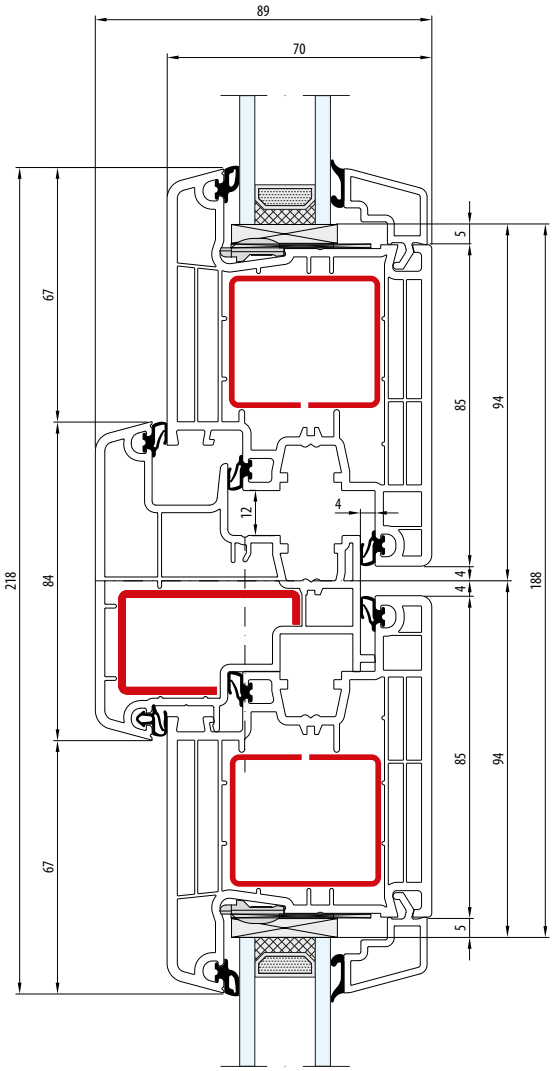


- Słupek ruchomy: 84 mm · Skrzydło: 77 mm
- Meneau mobile: 84 mm · Vantail: 77 mm
- Movable post: 84 mm · Sash: 77 mm
- Stulp: 84 mm · Flügel: 77 mm
- Montante mobile: 84 mm · Anta: 77 mm
- Verplaatsbare stijl: 84 mm · Vleugel: 77 mm

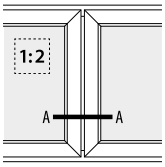


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- Słupek ruchomy: 84 mm · Skrzydło: 105 mm
- Meneau mobile: 84 mm · Vantail: 105 mm
- Movable post: 84 mm · Sash: 105 mm
- Stulp: 84 mm · Flügel: 105 mm
- Montante mobile: 84 mm · Anta: 105 mm
- Verplaatsbare stijl: 84 mm · Vleugel: 105 mm

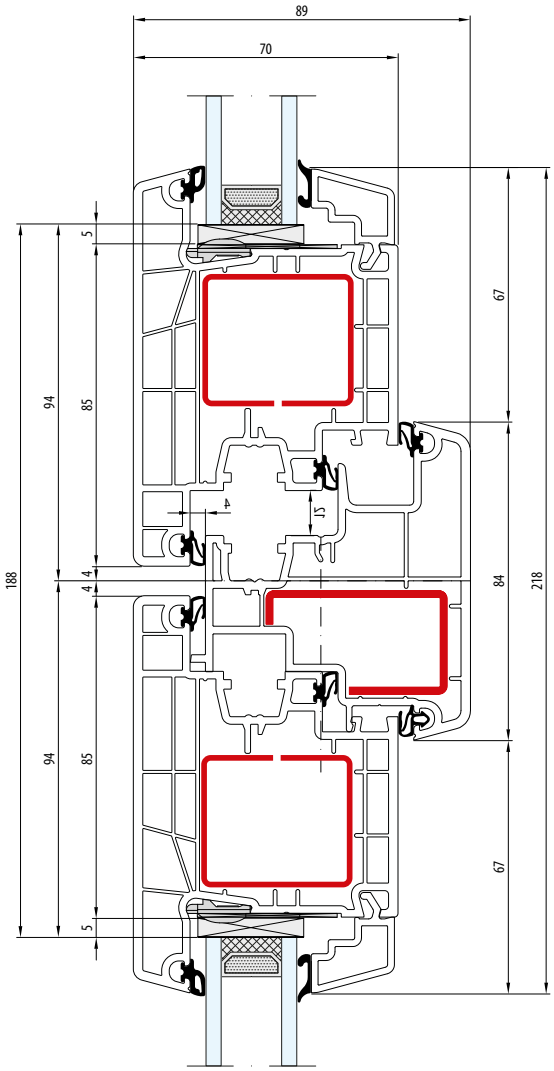




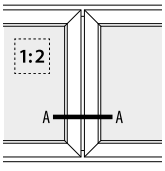






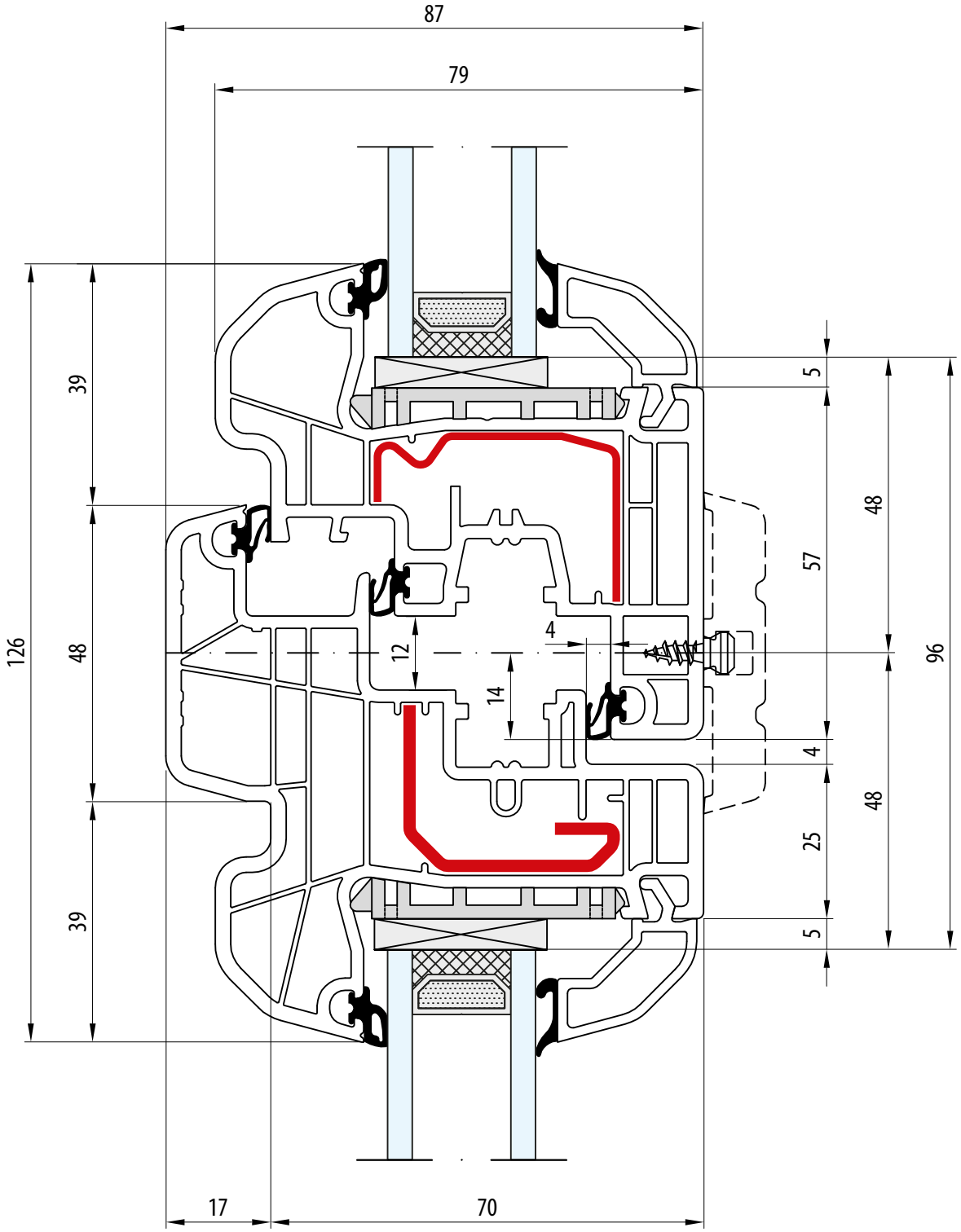


- Słupek ruchomy: 84 mm · Skrzydło: 105 mm
- Meneau mobile: 84 mm · Vantail: 105 mm
- Movable post: 84 mm · Sash: 105 mm
- Stulp: 84 mm · Flügel: 105 mm
- Montante mobile: 84 mm · Anta: 105 mm
- Verplaatsbare stijl: 84 mm · Vleugel: 105 mm

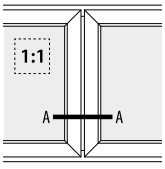


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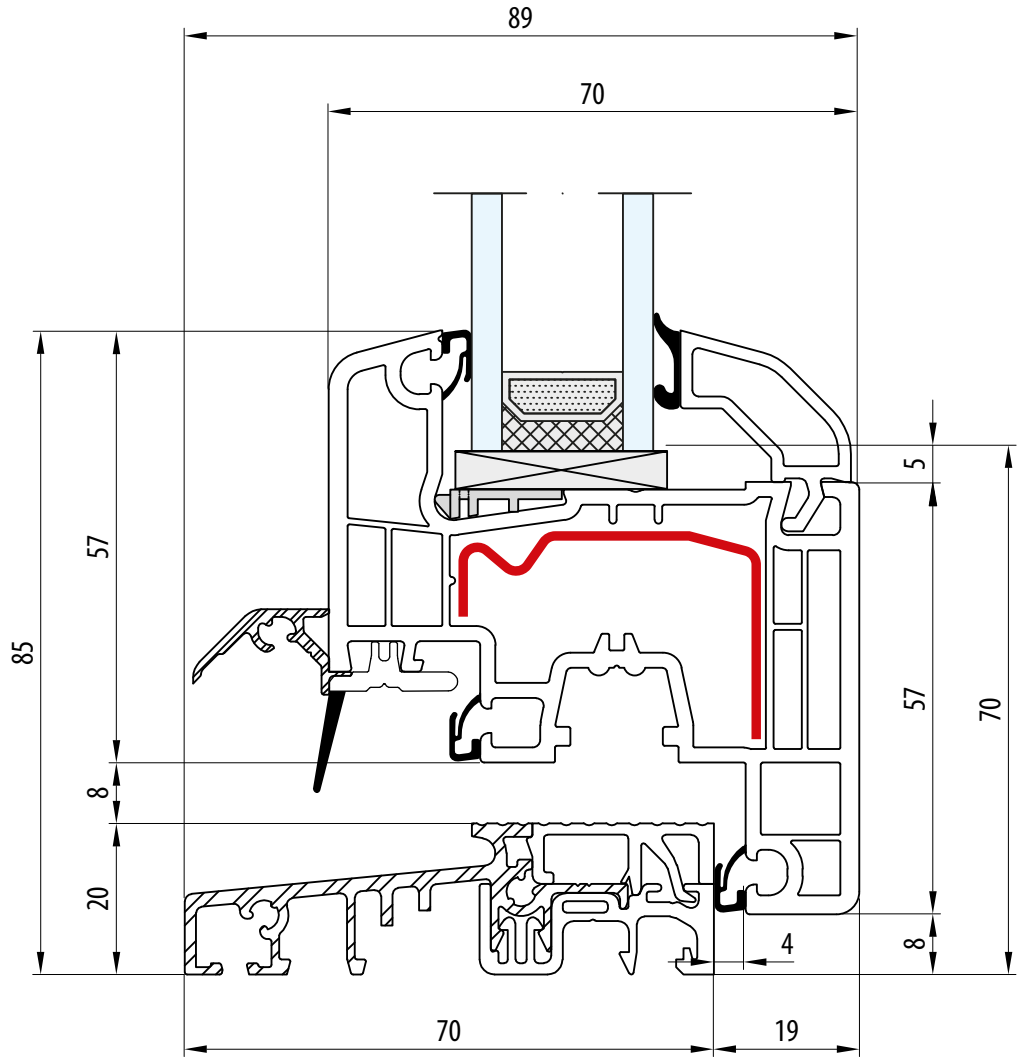


- Klamka centralna · Skrzydło: 77 mm
- Battue centrée · Vantail: 77 mm
- Central handle · Sash: 77 mm
- Zentrale Olive · Flügel: 77 mm
- Maniglia centrale · Anta: 77 mm
- Centrale handgreep · Vleugel: 77 mm

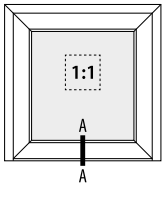


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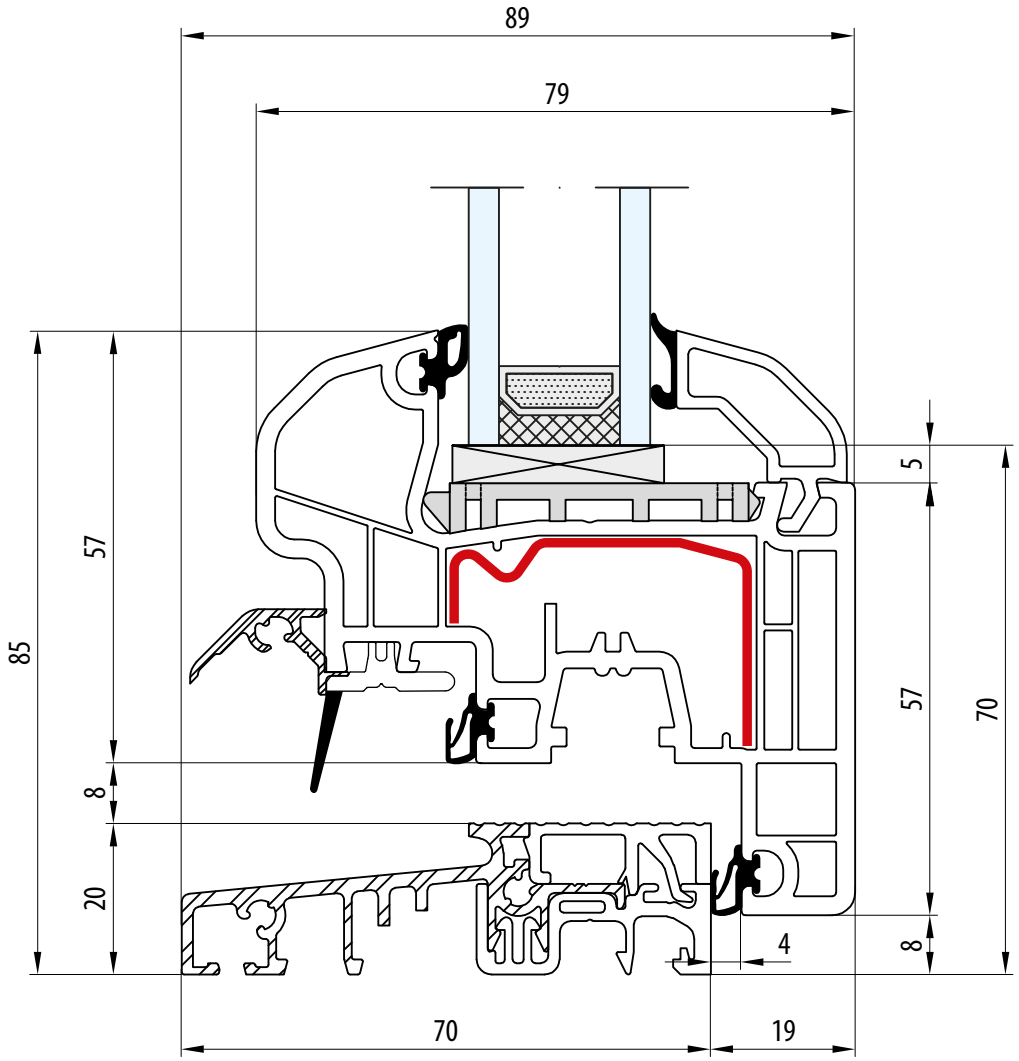


Próg: 20 mm · Skrzydło: 77 mm
Seuil: 20 mm · Vantail: 77 mm
Threshold: 20 mm · Sash: 77 mm
Schwelle: 20 mm · Flügel: 77 mm
Soglia: 20 mm · Anta: 77 mm
Dorpel: 20 mm · Vleugel: 77 mm

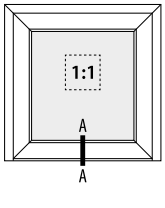


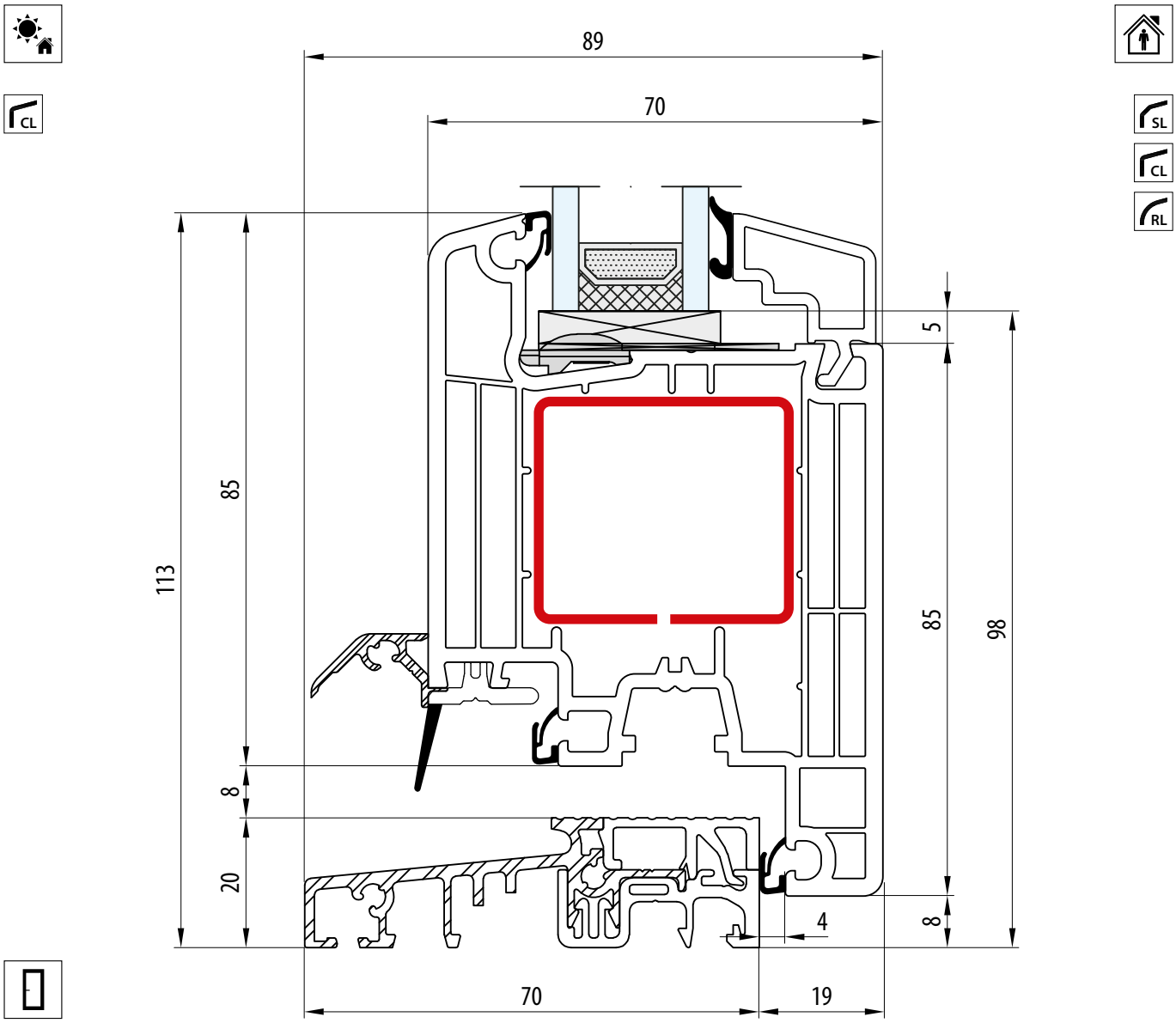
SL
CL

SL
CL
RL

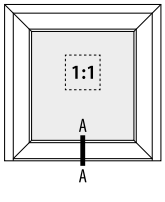


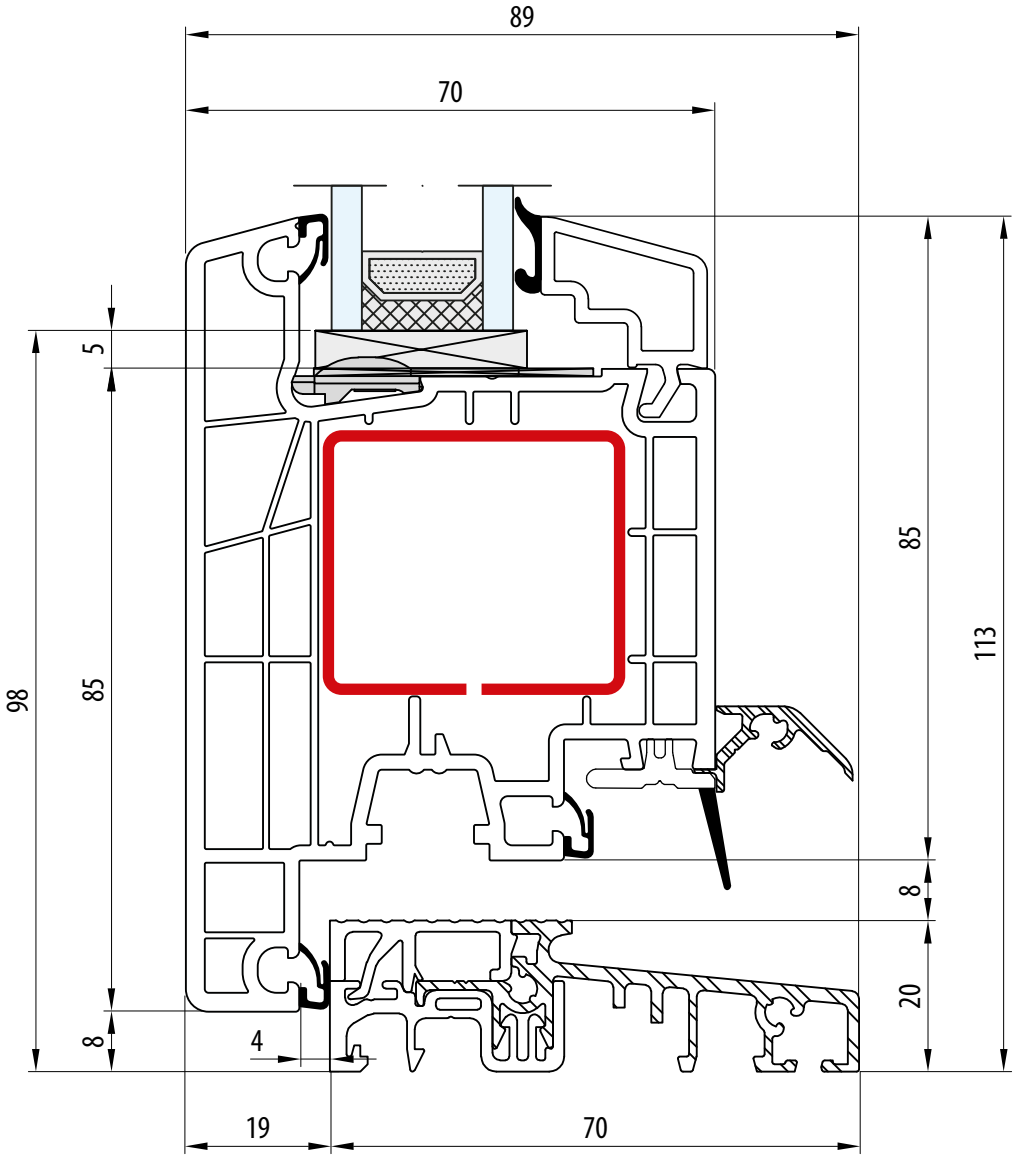
Próg: 20 mm · Skrzydło: 77 mm
Seuil: 20 mm · Vantail: 77 mm
Threshold: 20 mm · Sash: 77 mm
Schwelle: 20 mm · Flügel: 77 mm
Soglia: 20 mm · Anta: 77 mm
Dorpel: 20 mm · Vleugel: 77 mm

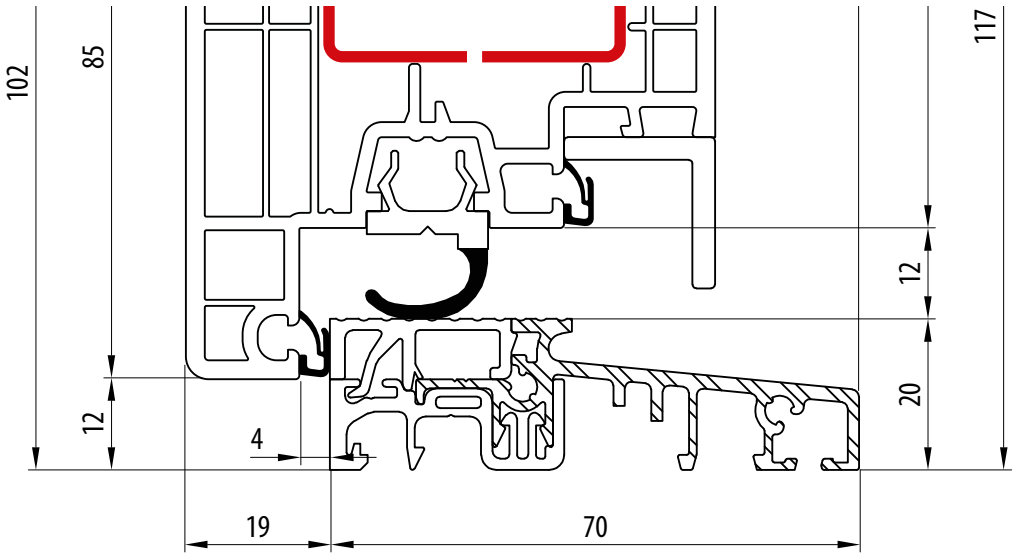




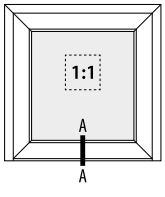
- Próg: 20 mm · Skrzydło: 105 mm
- Seuil: 20 mm · Vantail: 105 mm
- Threshold: 20 mm · Sash: 105 mm
- Schwelle: 20 mm · Flügel: 105 mm
- Soglia: 20 mm · Anta: 105 mm
- Dorpel: 20 mm · Vleugel: 105 mm



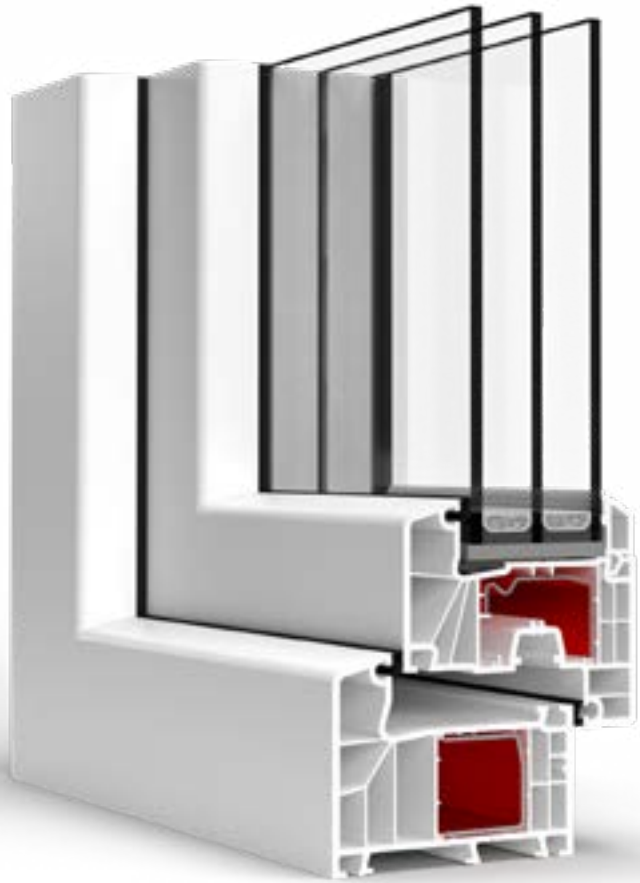


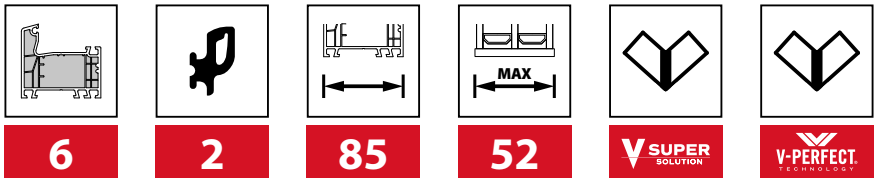


- Próg: 20 mm · Skrzydło: 105 mm
- Seuil: 20 mm · Vantail: 105 mm
- Threshold: 20 mm · Sash: 105 mm
- Schwelle: 20 mm · Flügel: 105 mm
- Soglia: 20 mm · Anta: 105 mm
- Dorpel: 20 mm · Vleugel: 105 mm

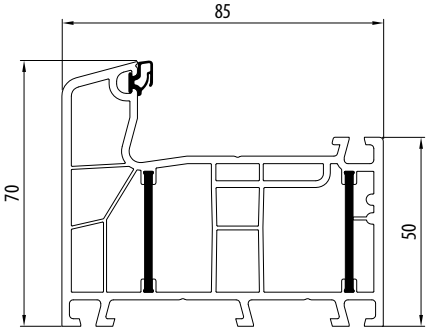


IDEAL 7000 NEW

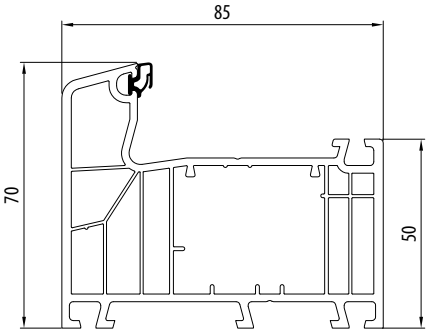




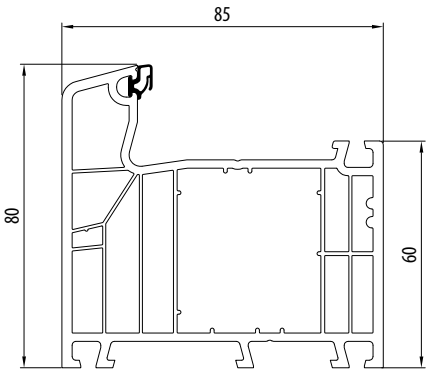




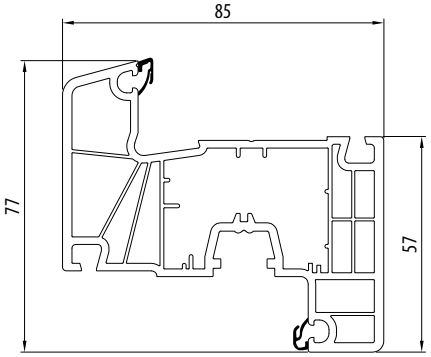
CL 070x02



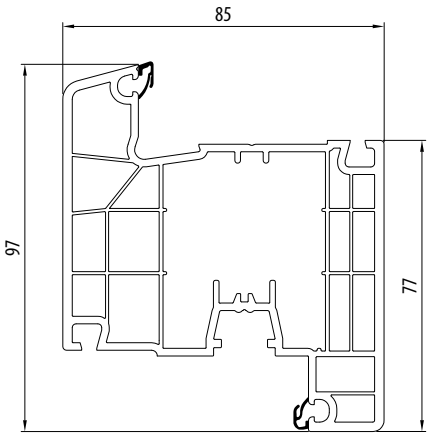
CL 170x02



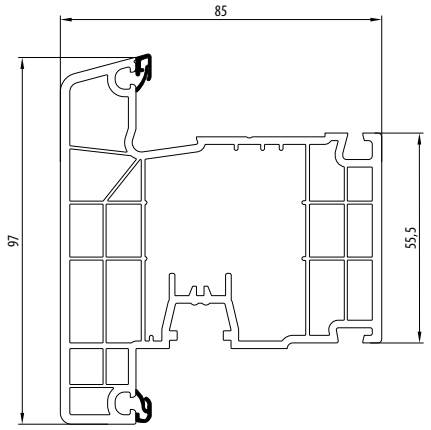
CL ALU 170x03



CL ALU 170x20

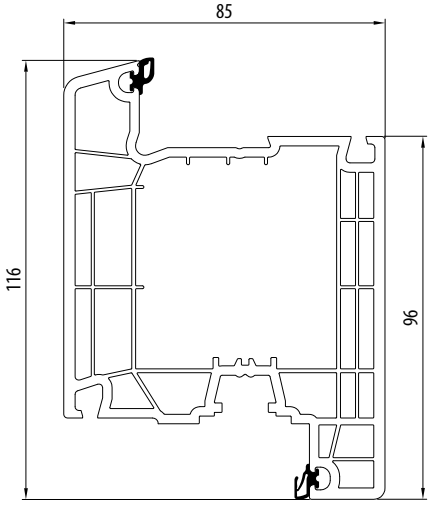


CL 170x30

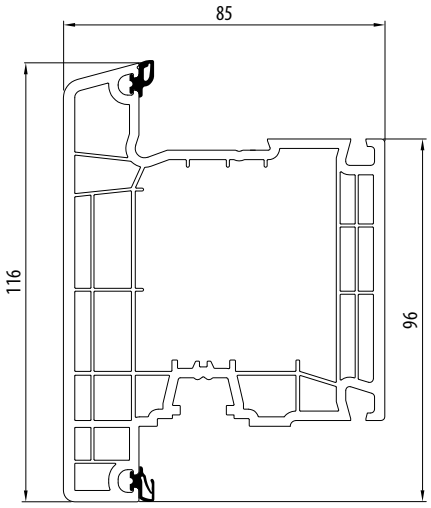


CL 170x31

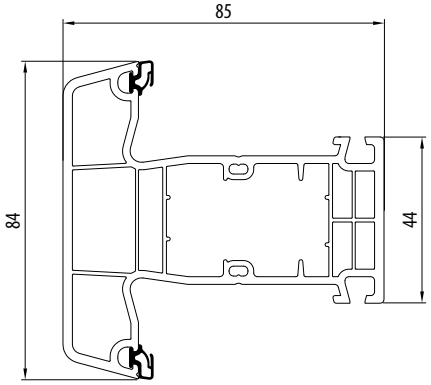
1:2



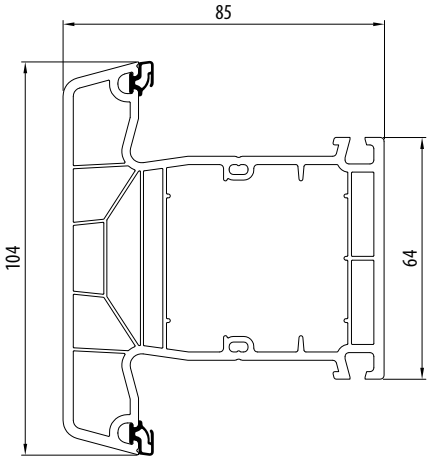
CL ALU 170x33



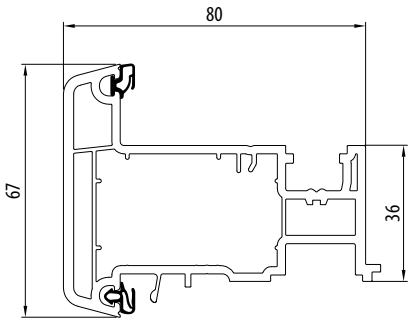
CL 170x35



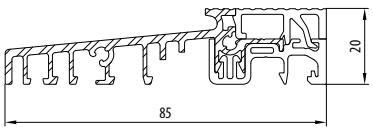
CL ALU 170x41



CL ALU 170x44



CL ALU 170x64

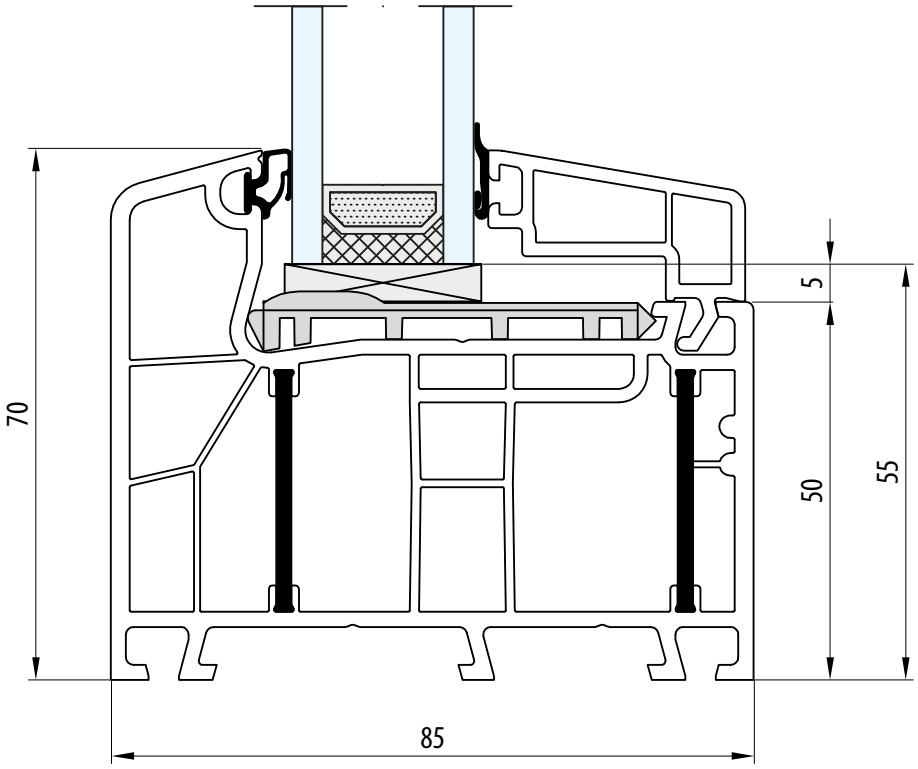


alu - 20 mm

1:2

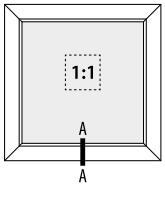
CL

SL
CL
RL



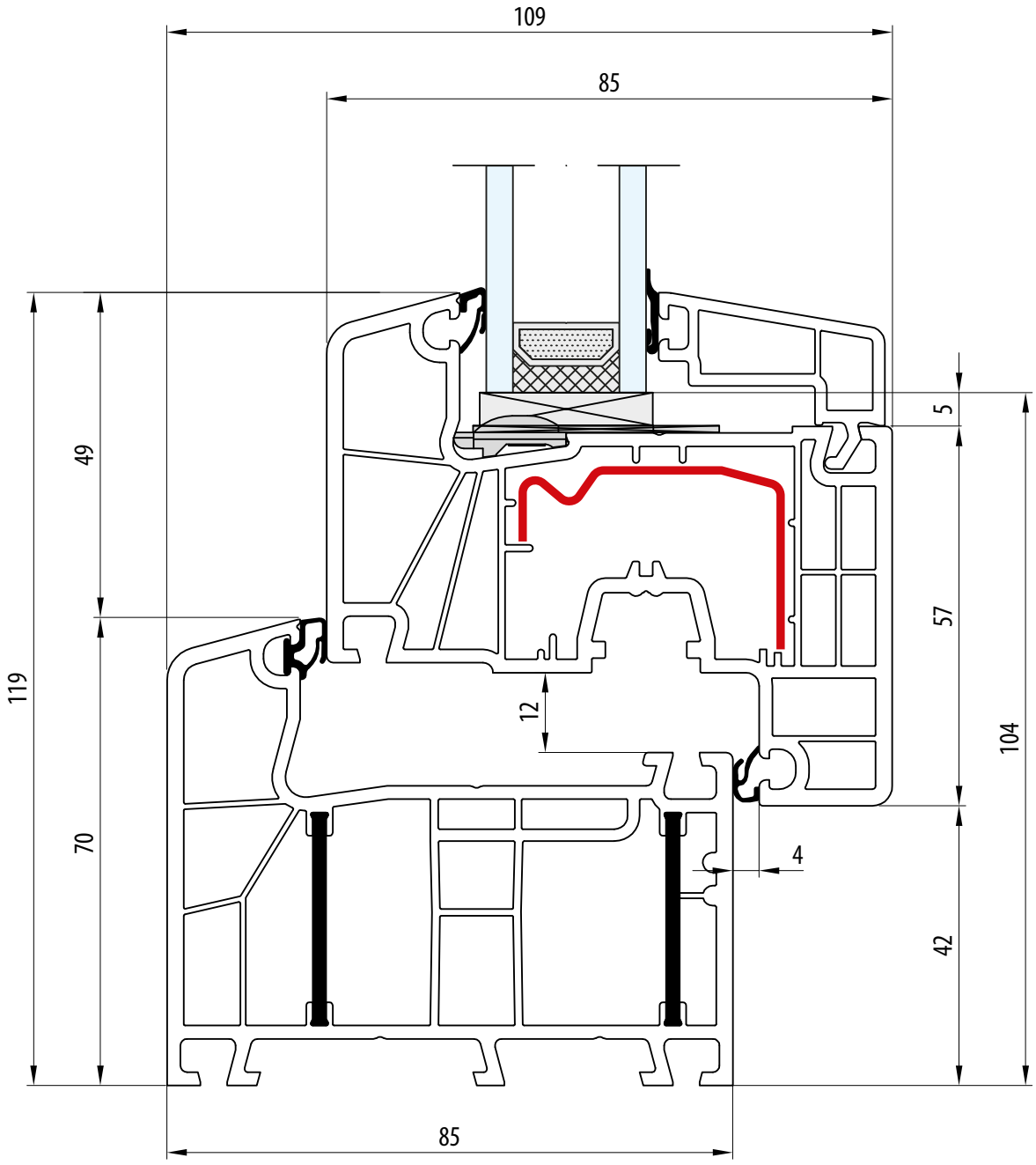
070x02

Rama: 70 mm
Dormant: 70 mm
Frame: 70 mm
Rahmen: 70 mm
Telaio: 70 mm
Kader: 70 mm

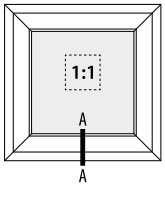


CL

SL CL RL

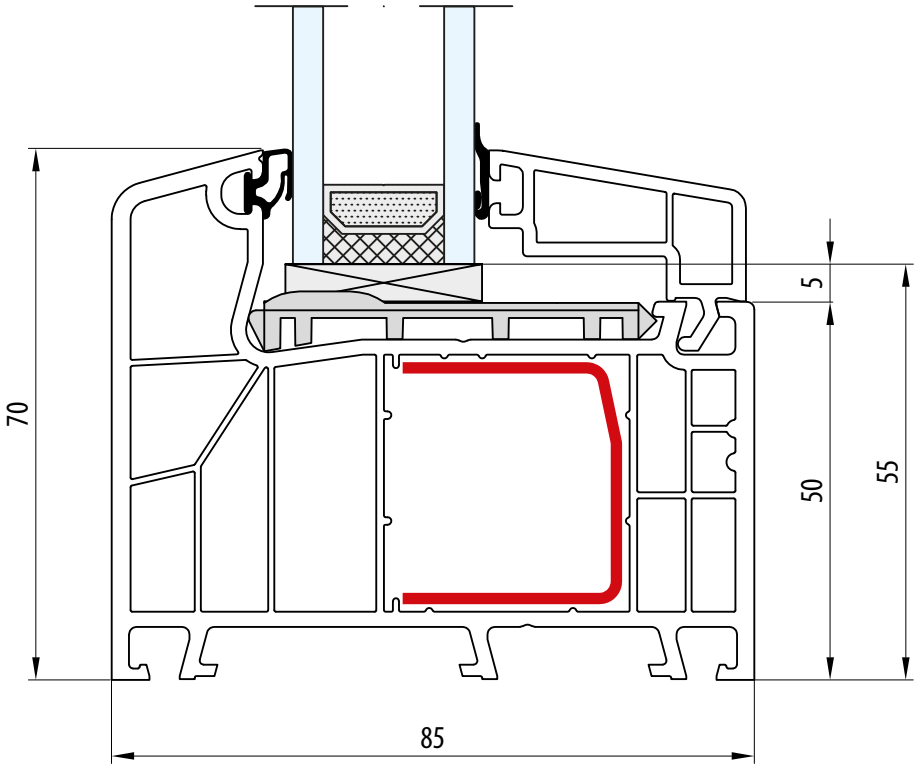


- Rama: 70 mm · Skrzydło: 97 mm
- Dormant: 70 mm · Vantail: 97 mm
- Frame: 70 mm · Sash: 97 mm
- Rahmen: 70 mm · Flügel: 97 mm
- Telaio: 70 mm · Anta: 97 mm
- Kader: 70 mm · Vleugel: 97 mm



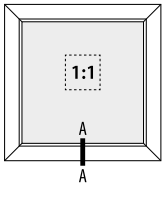
CL

SL
CL
RL



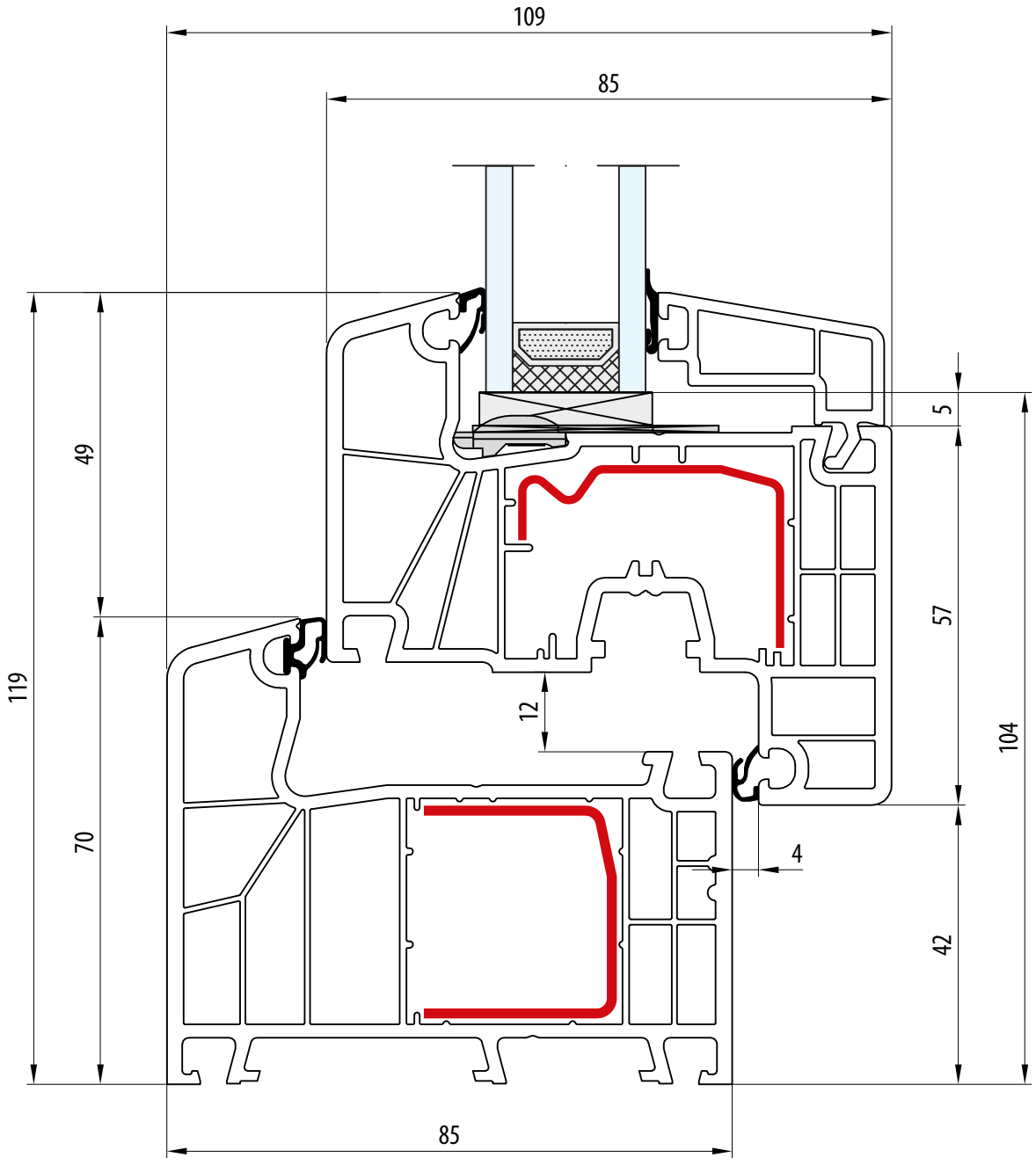
170x02

Rama: 70 mm
Dormant: 70 mm
Frame: 70 mm
Rahmen: 70 mm
Telaio: 70 mm
Kader: 70 mm

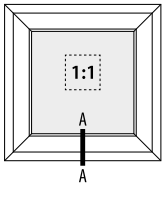


CL

SL CL RL

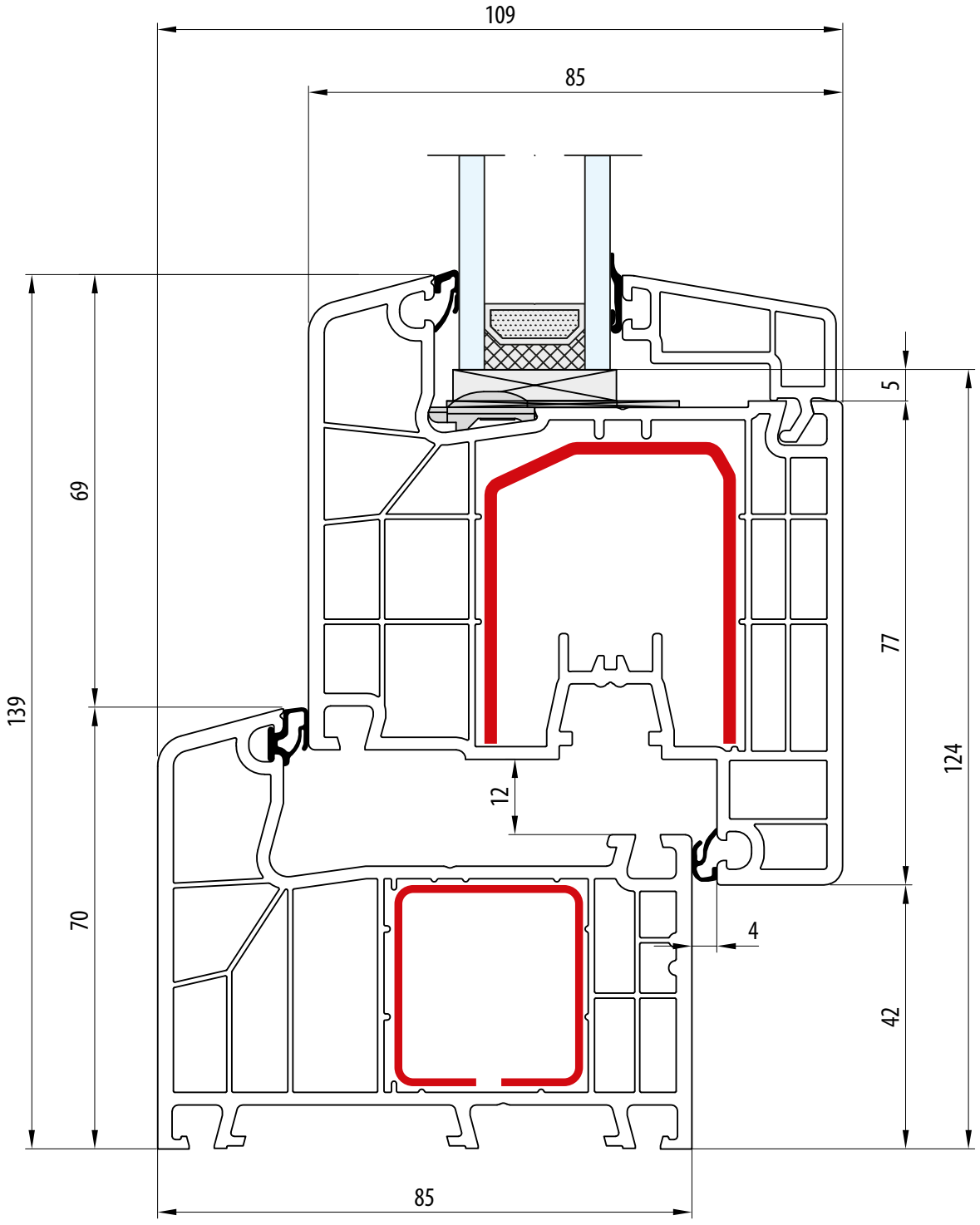


- Rama: 70 mm · Skrzydło: 77 mm
- Dormant: 70 mm · Vantail: 77 mm
- Frame: 70 mm · Sash: 77 mm
- Rahmen: 70 mm · Flügel: 77 mm
- Telaio: 70 mm · Anta: 77 mm
- Kader: 70 mm · Vleugel: 77 mm

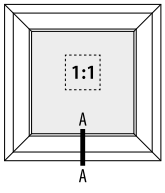


CL

SL
CL
RL

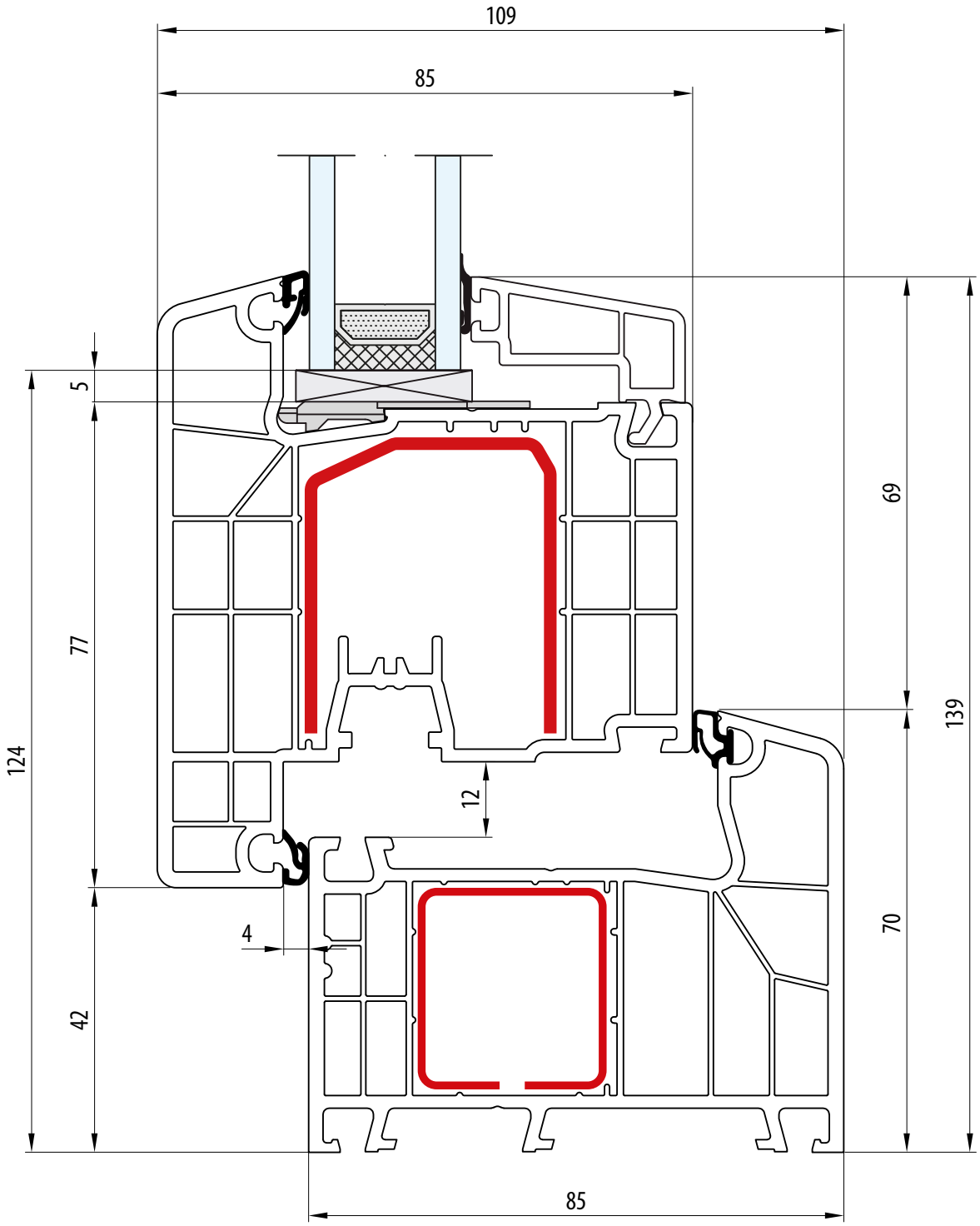


Rama: 70 mm · Skrzydło: 97 mm
Dormant: 70 mm · Vantail: 97 mm
Frame: 70 mm · Sash: 97 mm
Rahmen: 70 mm · Flügel: 97 mm
Telaio: 70 mm · Anta: 97 mm
Kader: 70 mm · Vleugel: 97 mm

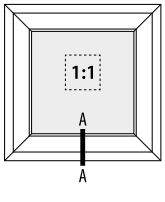


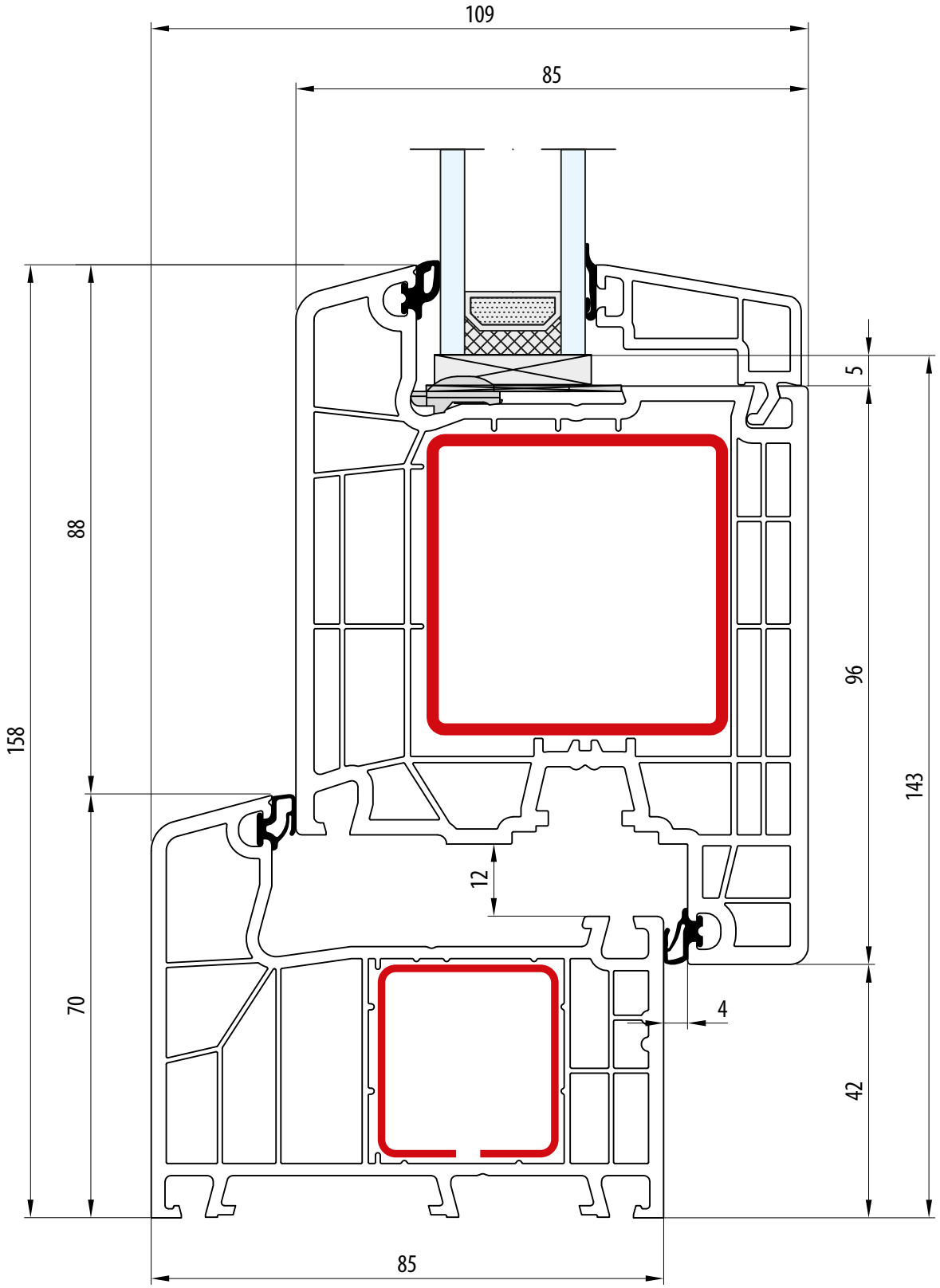
CL

SL CL RL

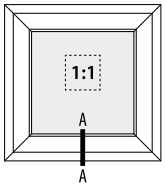


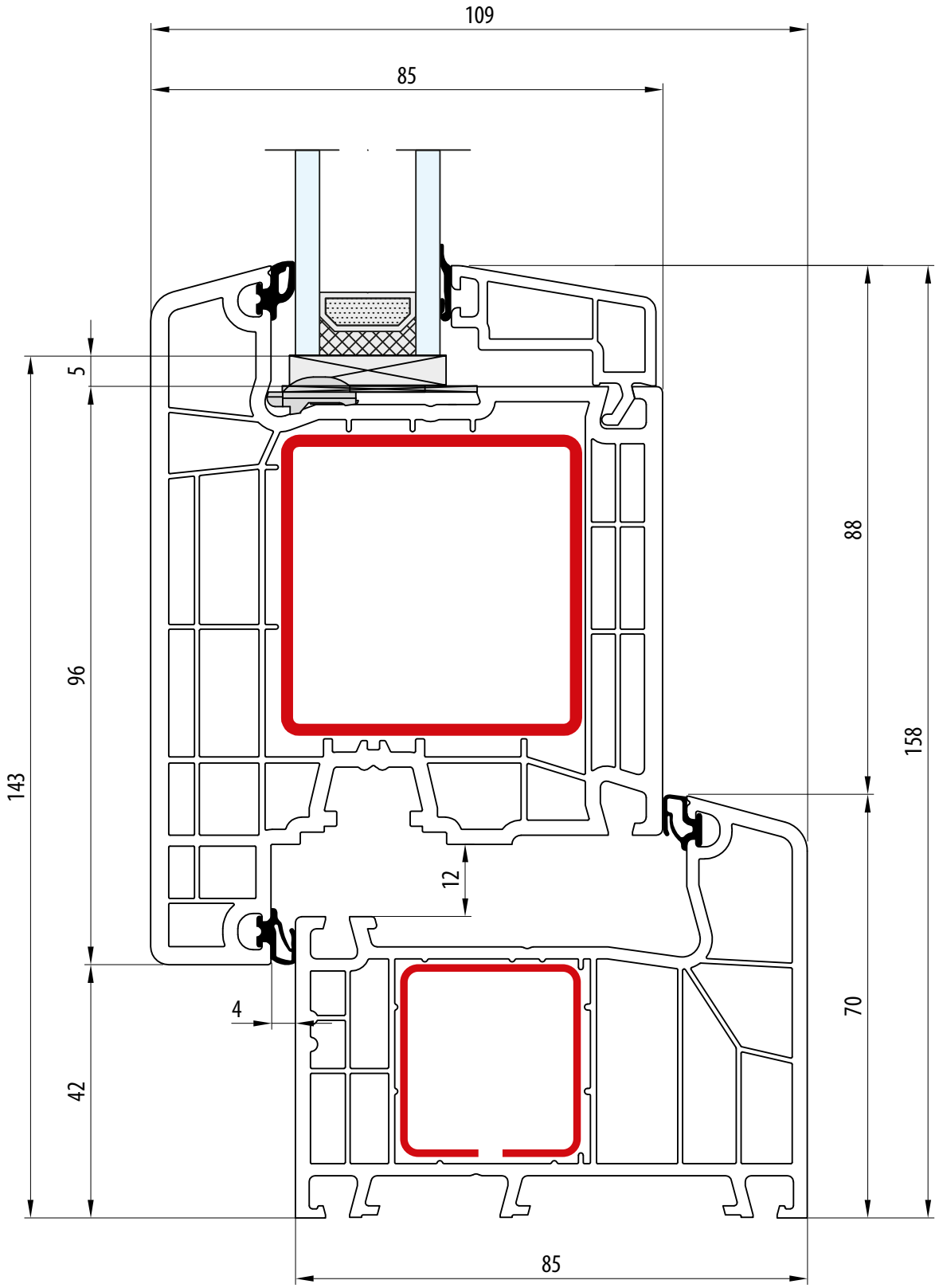
- Rama: 70 mm · Skrzydło: 97 mm
- Dormant: 70 mm · Vantail: 97 mm
- Frame: 70 mm · Sash: 97 mm
- Rahmen: 70 mm · Flügel: 97 mm
- Telaio: 70 mm · Anta: 97 mm
- Kader: 70 mm · Vleugel: 97 mm



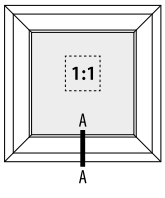


Rama: 70 mm · Skrzydło: 116 mm
Dormant: 70 mm · Vantail: 116 mm
Frame: 70 mm · Sash: 116 mm
Rahmen: 70 mm · Flügel: 116 mm
Telaio: 70 mm · Anta: 116 mm
Kader: 70 mm · Vleugel: 116 mm



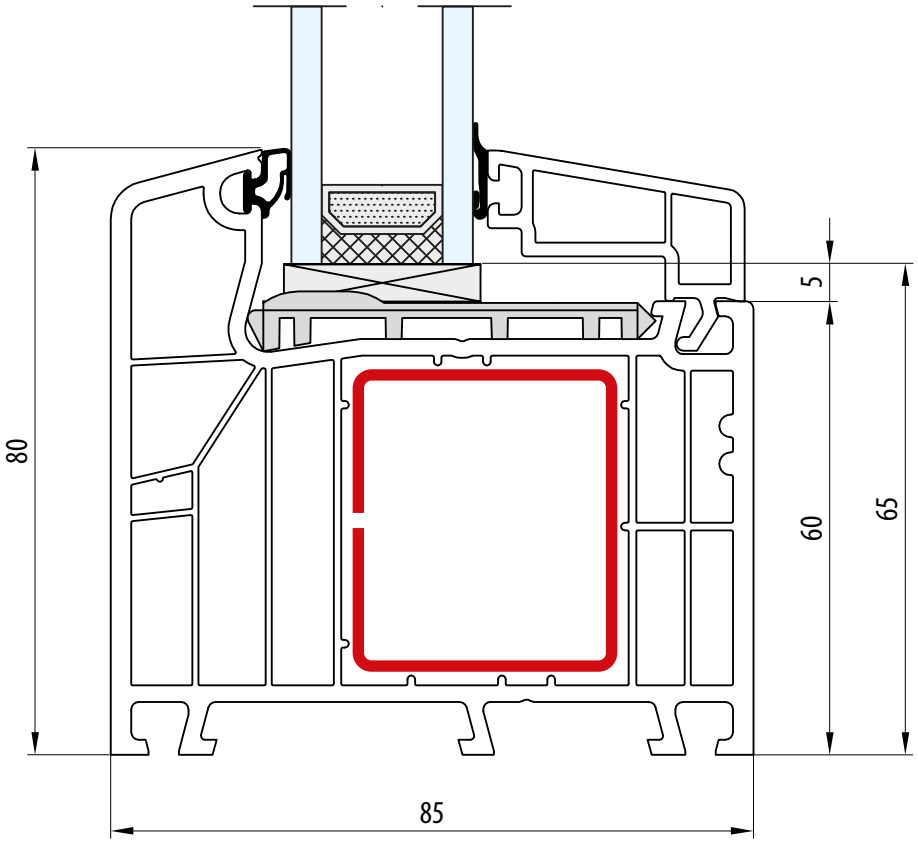


- Rama: 70 mm · Skrzydło: 116 mm
- Dormant: 70 mm · Vantail: 116 mm
- Frame: 70 mm · Sash: 116 mm
- Rahmen: 70 mm · Flügel: 116 mm
- Telaio: 70 mm · Anta: 116 mm
- Kader: 70 mm · Vleugel: 116 mm

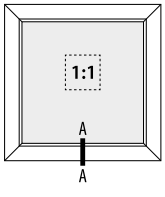


CL

SL
CL
RL

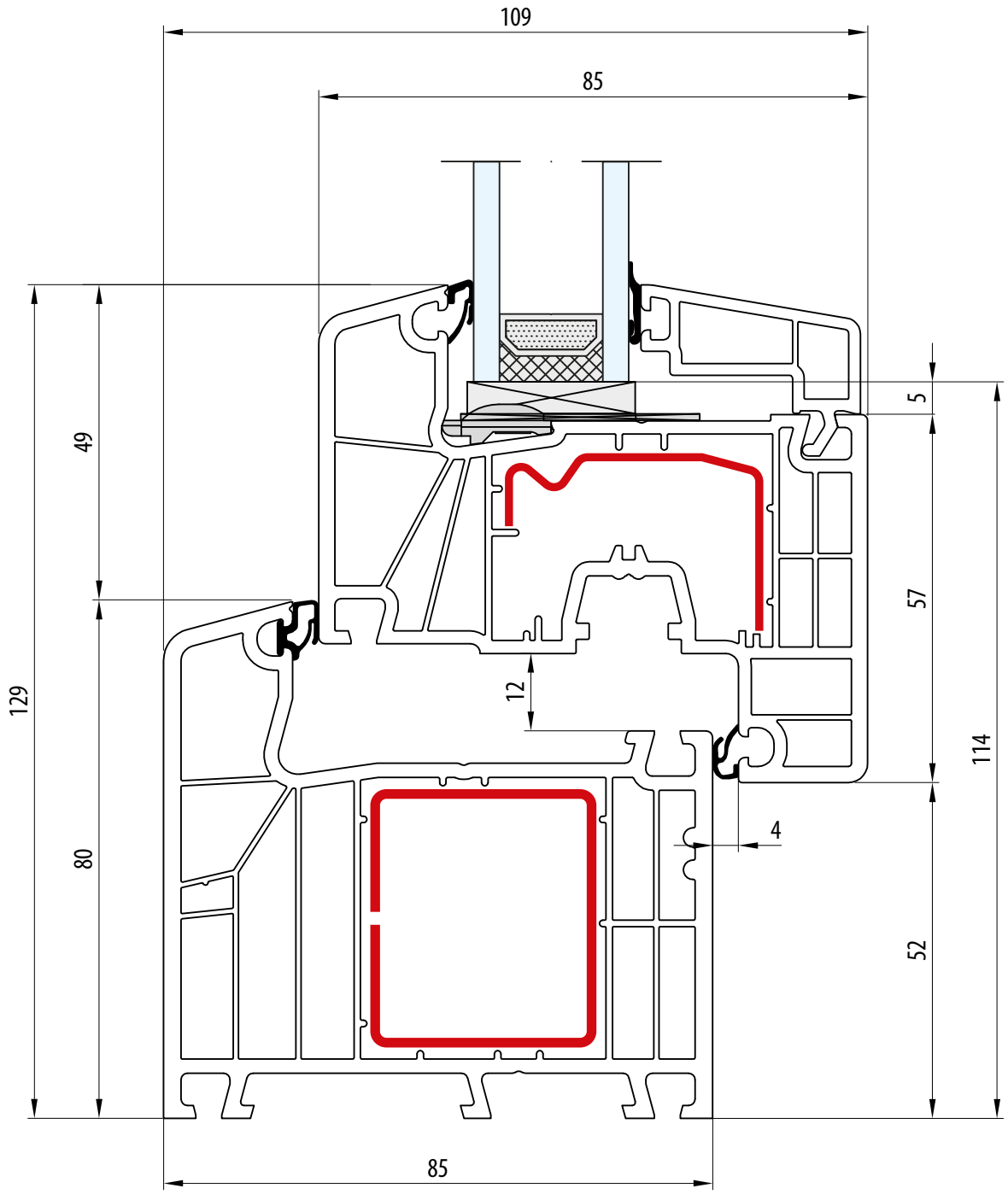


Rama: 80 mm
Dormant: 80 mm
Frame: 80 mm
Rahmen: 80 mm
Telaio: 80 mm
Kader: 80 mm

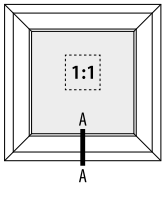


CL

SL CL RL

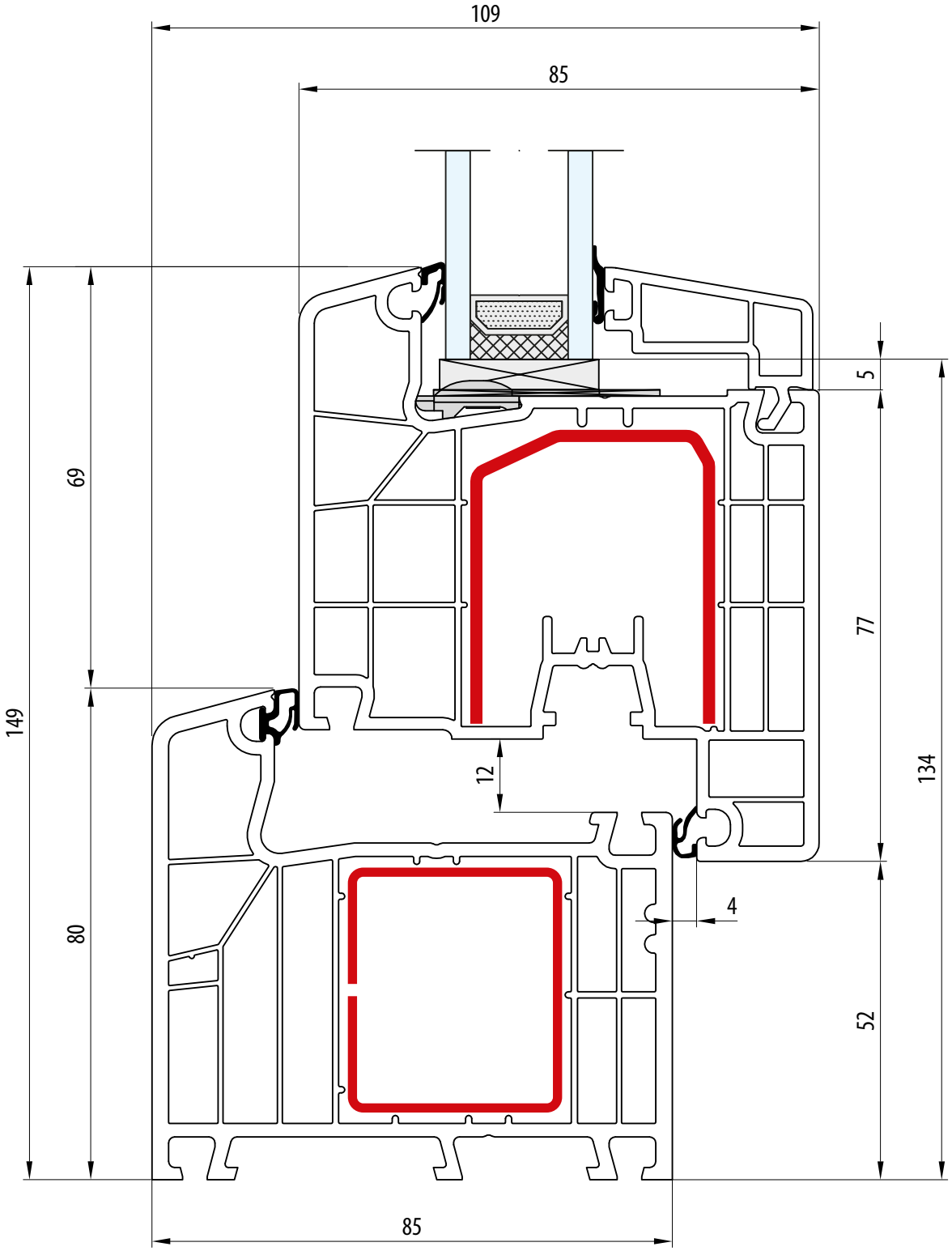


- Rama: 80 mm · Skrzydło: 77 mm
- Dormant: 80 mm · Vantail: 77 mm
- Frame: 80 mm · Sash: 77 mm
- Rahmen: 80 mm · Flügel: 77 mm
- Telaio: 80 mm · Anta: 77 mm
- Kader: 80 mm · Vleugel: 77 mm

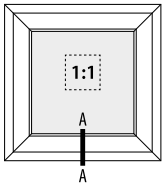


CL

SL CL RL

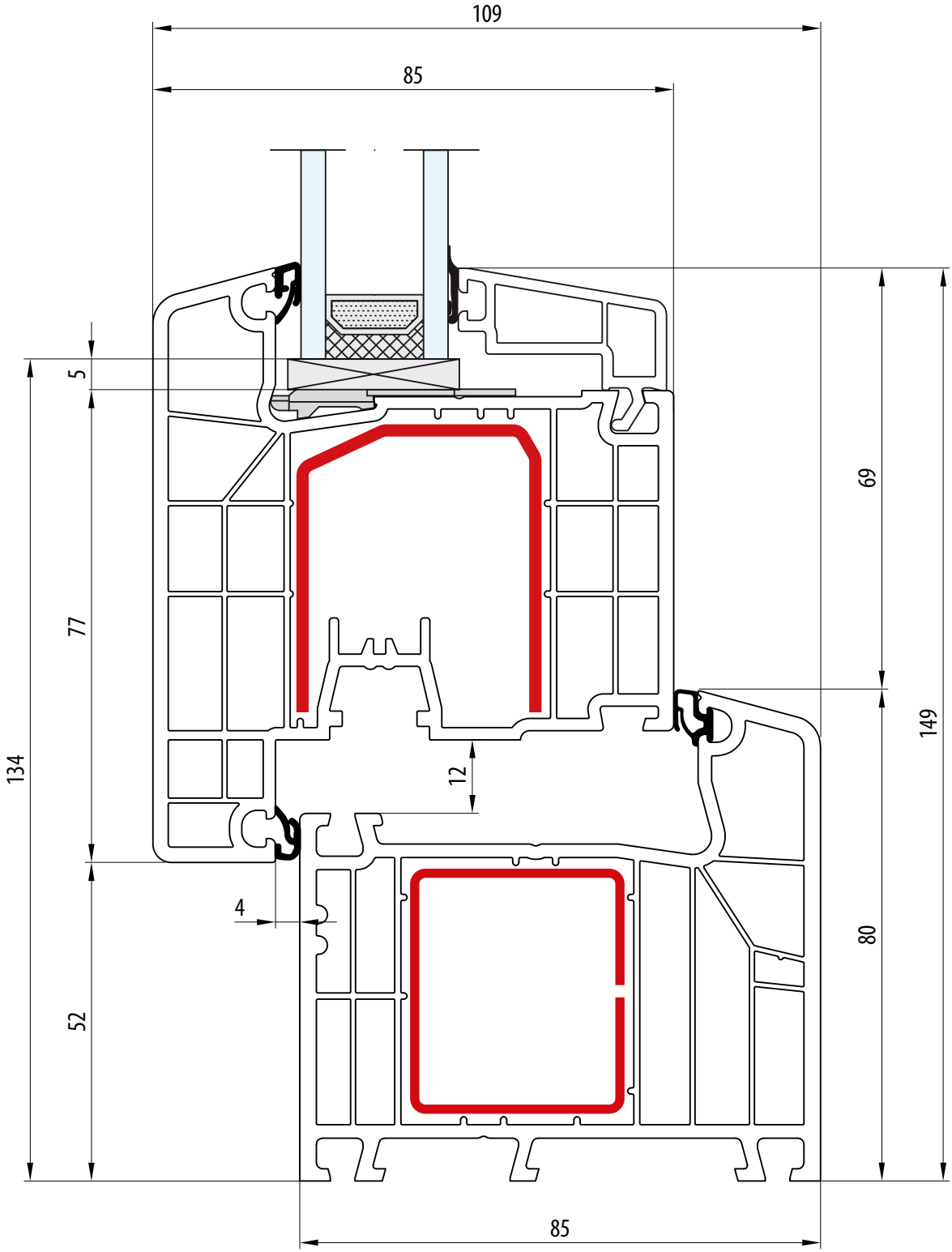


Rama: 80 mm · Skrzydło: 97 mm
Dormant: 80 mm · Vantail: 97 mm
Frame: 80 mm · Sash: 97 mm
Rahmen: 80 mm · Flügel: 97 mm
Telaio: 80 mm · Anta: 97 mm
Kader: 80 mm · Vleugel: 97 mm

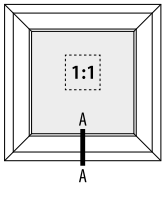


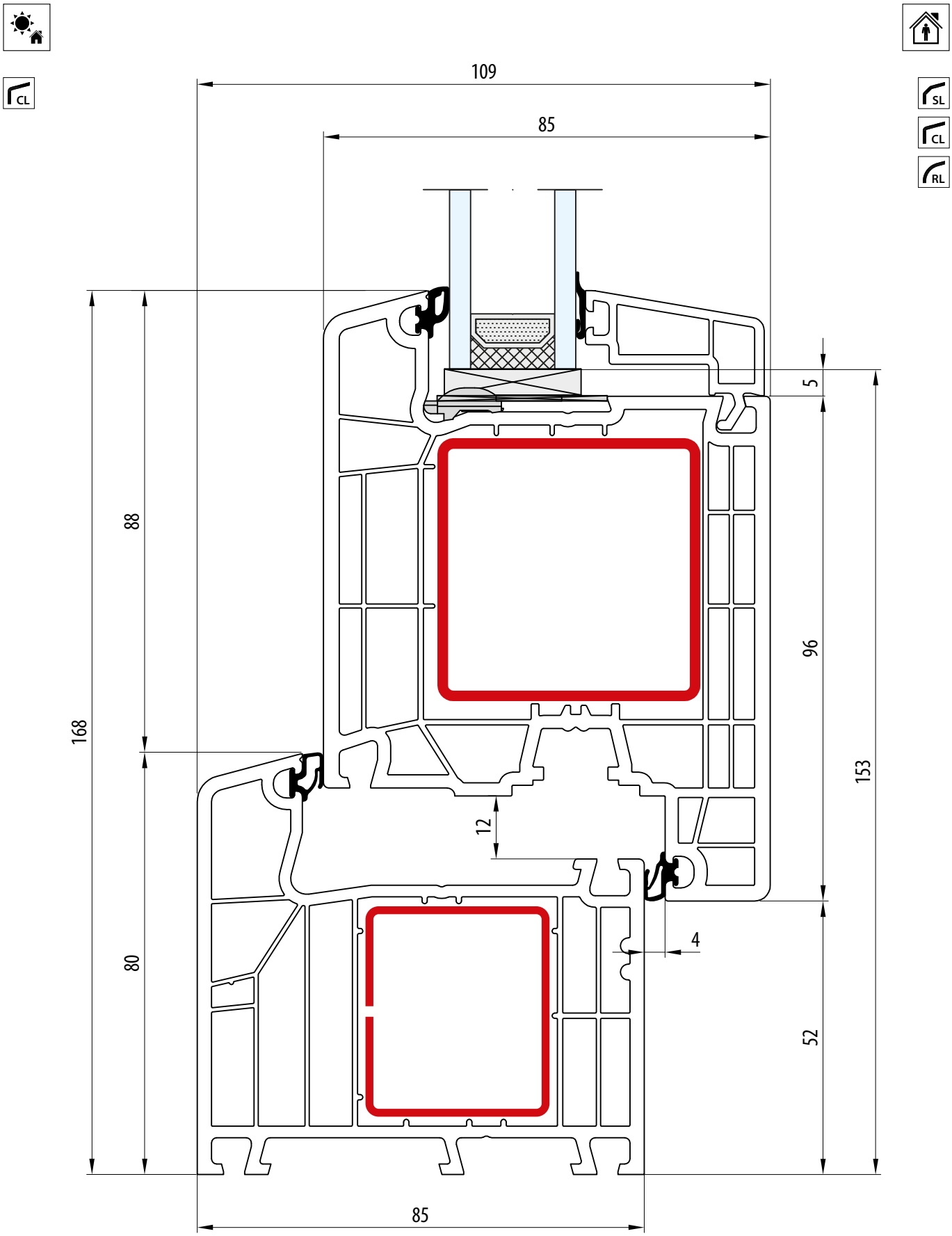
CL

SL CL RL

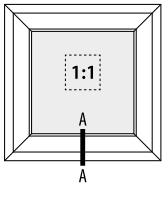


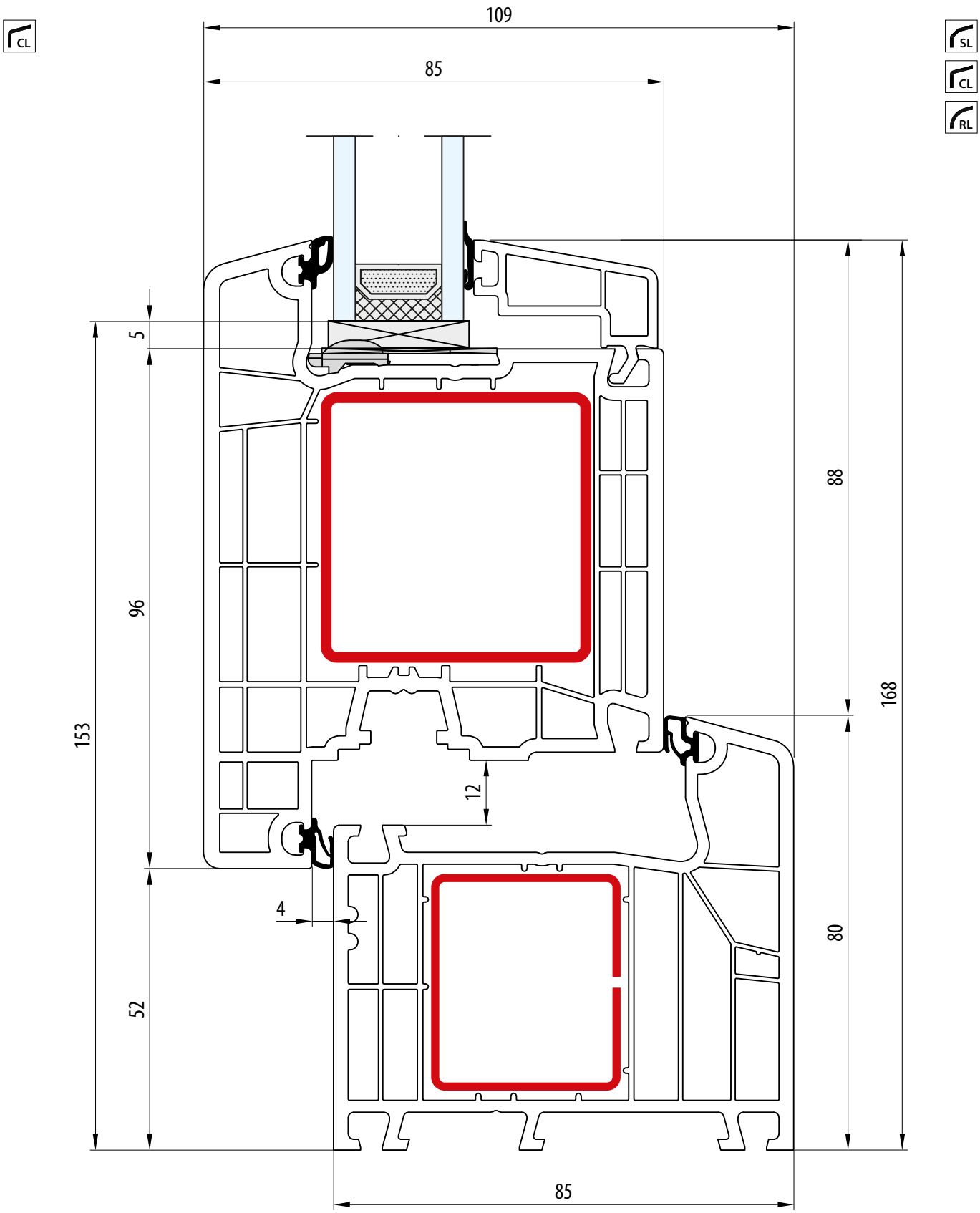
- Rama: 80 mm · Skrzydło: 97 mm
- Dormant: 80 mm · Vantail: 97 mm
- Frame: 80 mm · Sash: 97 mm
- Rahmen: 80 mm · Flügel: 97 mm
- Telaio: 80 mm · Anta: 97 mm
- Kader: 80 mm · Vleugel: 97 mm



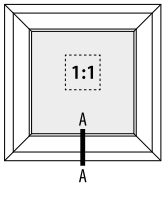


- Rama: 80 mm · Skrzydło: 116 mm
- Dormant: 80 mm · Vantail: 116 mm
- Frame: 80 mm · Sash: 116 mm
- Rahmen: 80 mm · Flügel: 116 mm
- Telaio: 80 mm · Anta: 116 mm
- Kader: 80 mm · Vleugel: 116 mm



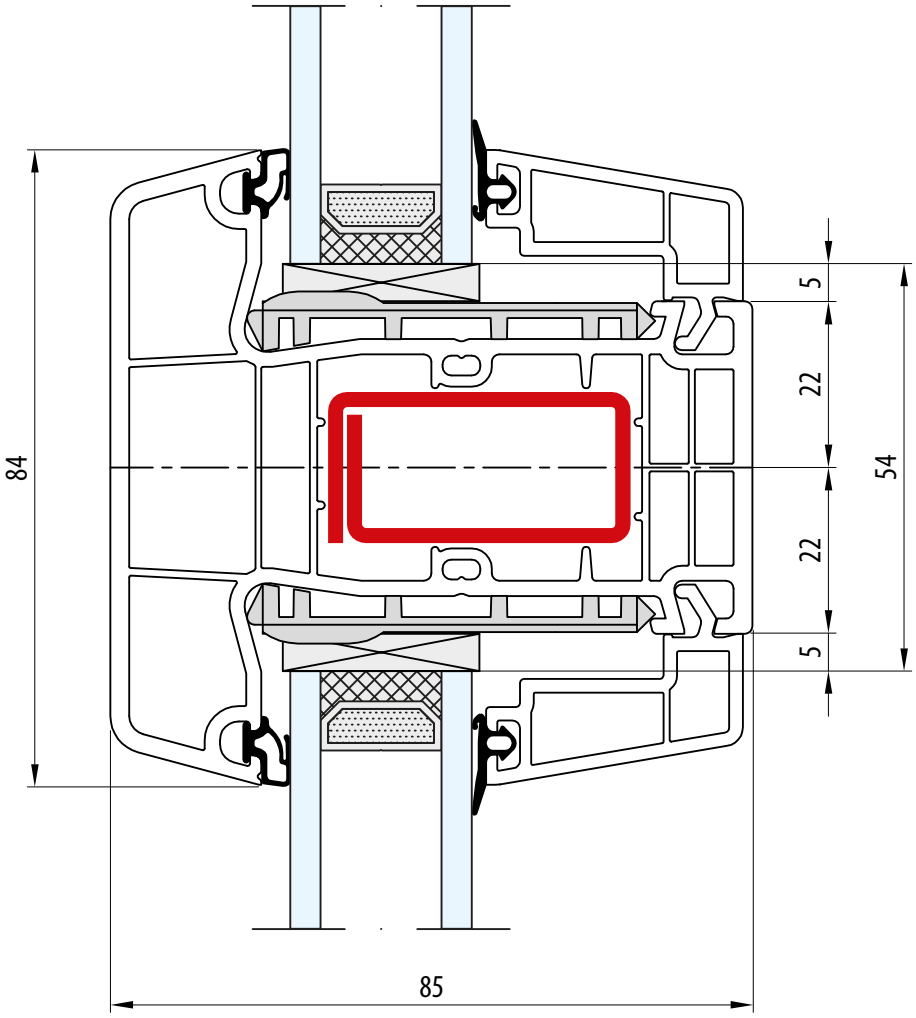


- Rama: 80 mm · Skrzydło: 116 mm
- Dormant: 80 mm · Vantail: 116 mm
- Frame: 80 mm · Sash: 116 mm
- Rahmen: 80 mm · Flügel: 116 mm
- Telaio: 80 mm · Anta: 116 mm
- Kader: 80 mm · Vleugel: 116 mm

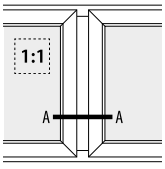


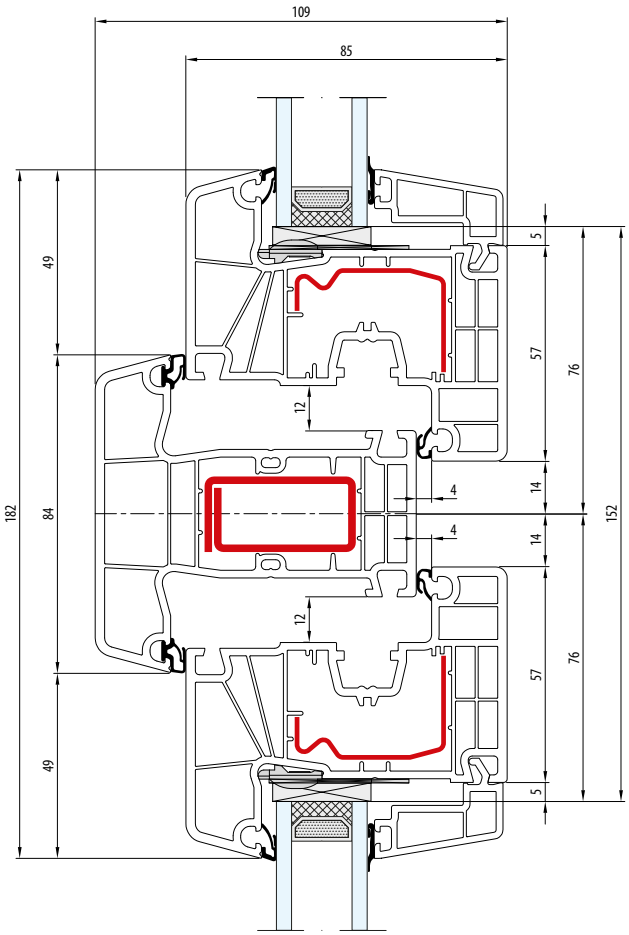
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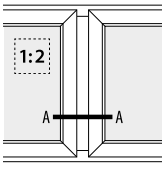


- Słupek stały: 84 mm
- Meneau fixe: 84 mm
- Fix post: 84 mm
- Festem Pfahl: 84 mm
- Montante fisso: 84 mm
- Vaste stijl: 84 mm



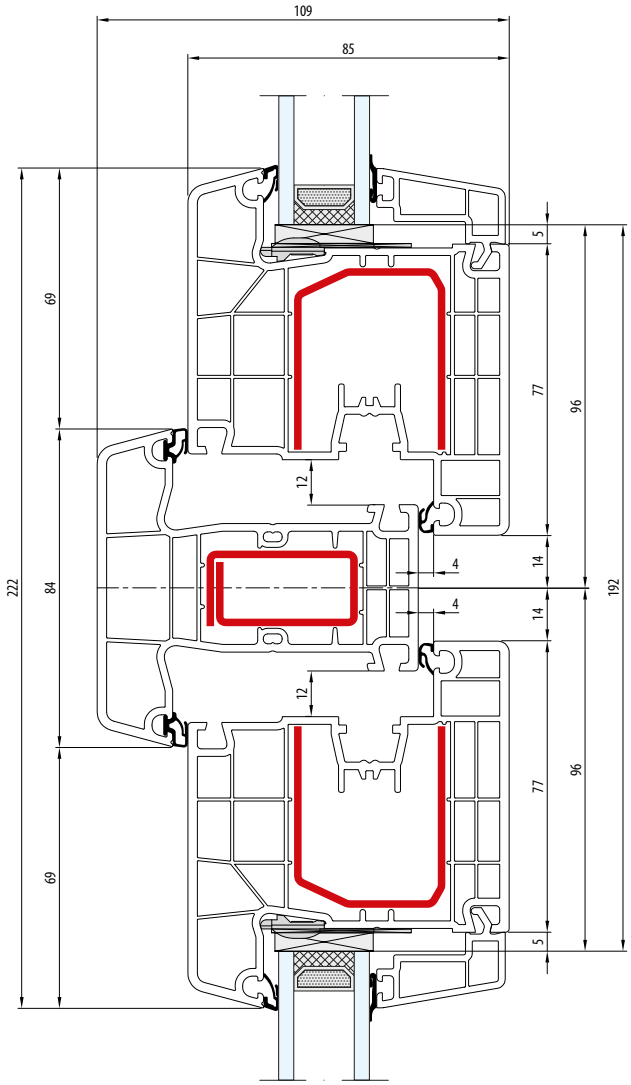


Słupek stały: 84 mm · Skrzydło: 77 mm
Meneau fixe: 84 mm · Vantail: 77 mm
Fix post: 84 mm · Sash: 77 mm
Festem Pfahl: 84 mm · Flügel: 77 mm
Montante fisso: 84 mm · Anta: 77 mm
Vaste stijl: 84 mm · Vleugel: 77 mm

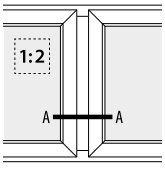


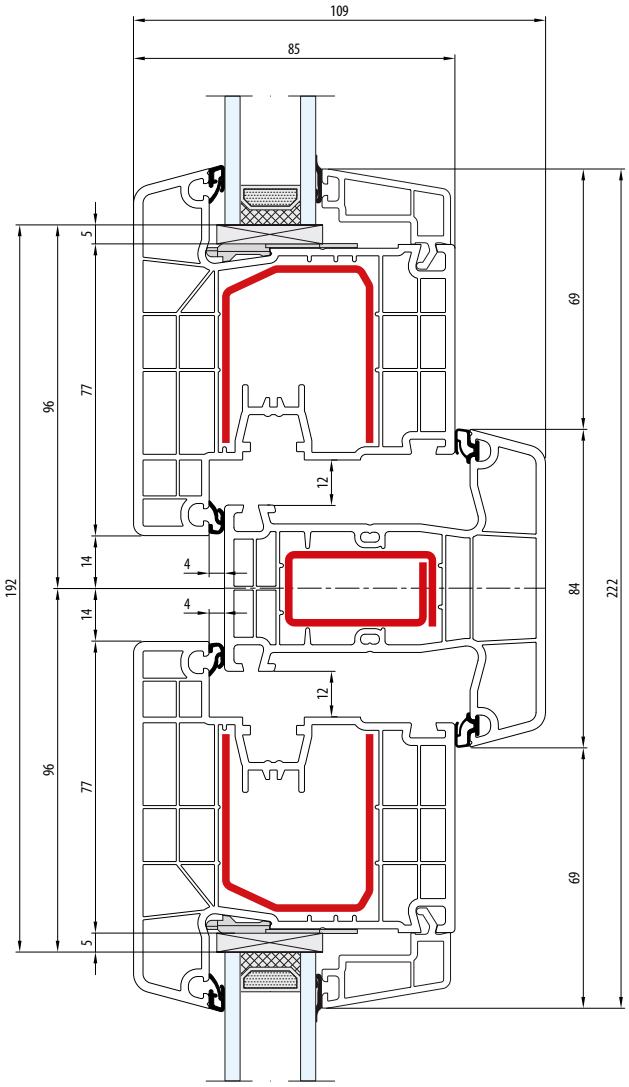
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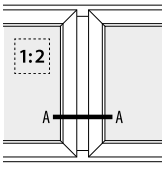


- Słupek stały: 84 mm · Skrzydło: 97 mm
- Meneau fixe: 84 mm · Vantail: 97 mm
- Fix post: 84 mm · Sash: 97 mm
- Festem Pfahl: 84 mm · Flügel: 97 mm
- Montante fisso: 84 mm · Anta: 97 mm
- Vaste stijl: 84 mm · Vleugel: 97 mm



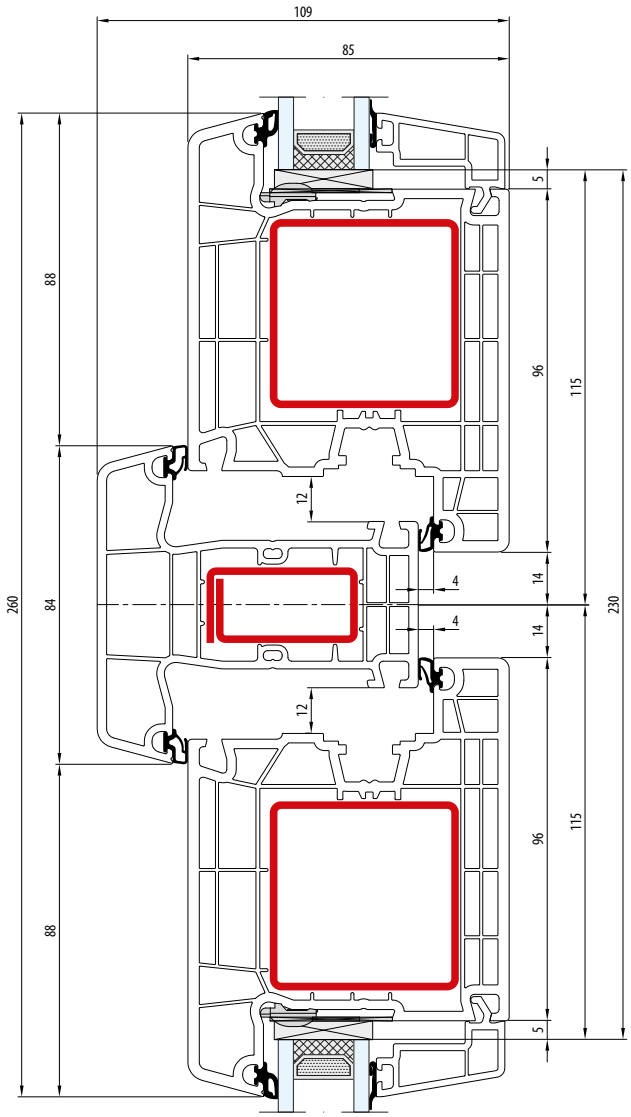


- Słupek stały: 84 mm · Skrzydło: 97 mm
- Meneau fixe: 84 mm · Vantail: 97 mm
- Fix post: 84 mm · Sash: 97 mm
- Festem Pfahl: 84 mm · Flügel: 97 mm
- Montante fisso: 84 mm · Anta: 97 mm
- Vaste stijl: 84 mm · Vleugel: 97 mm

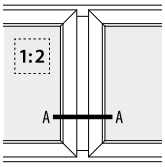


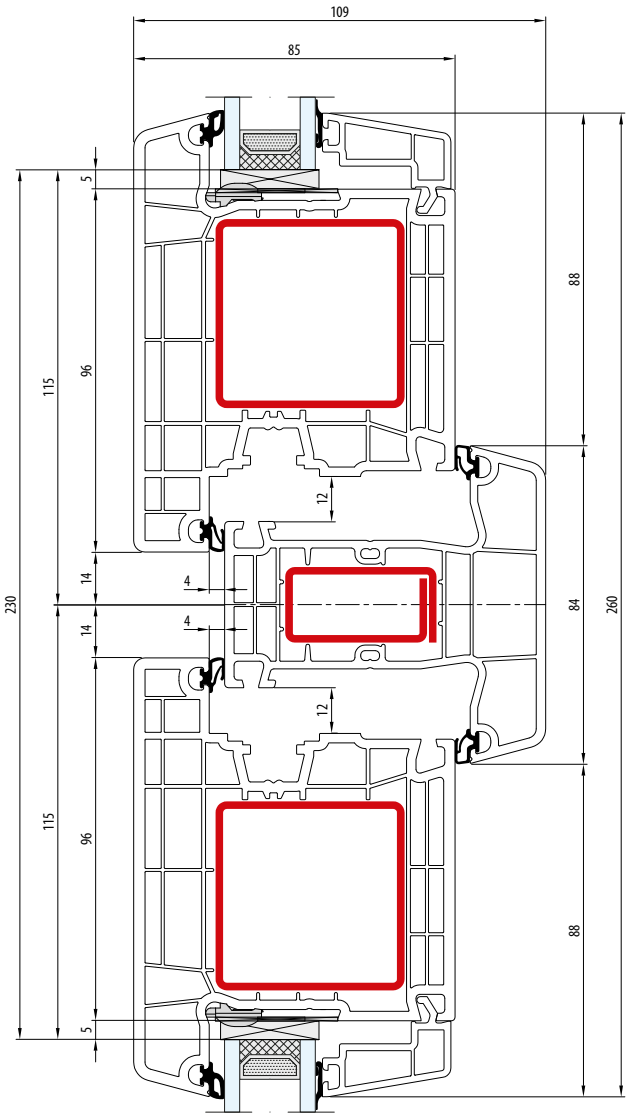
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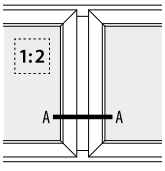


- Słupek stały: 84 mm · Skrzydło: 116 mm
- Meneau fixe: 84 mm · Vantail: 116 mm
- Fix post: 84 mm · Sash: 116 mm
- Festem Pfahl: 84 mm · Flügel: 116 mm
- Montante fisso: 84 mm · Anta: 116 mm
- Vaste stijl: 84 mm · Vleugel: 116 mm



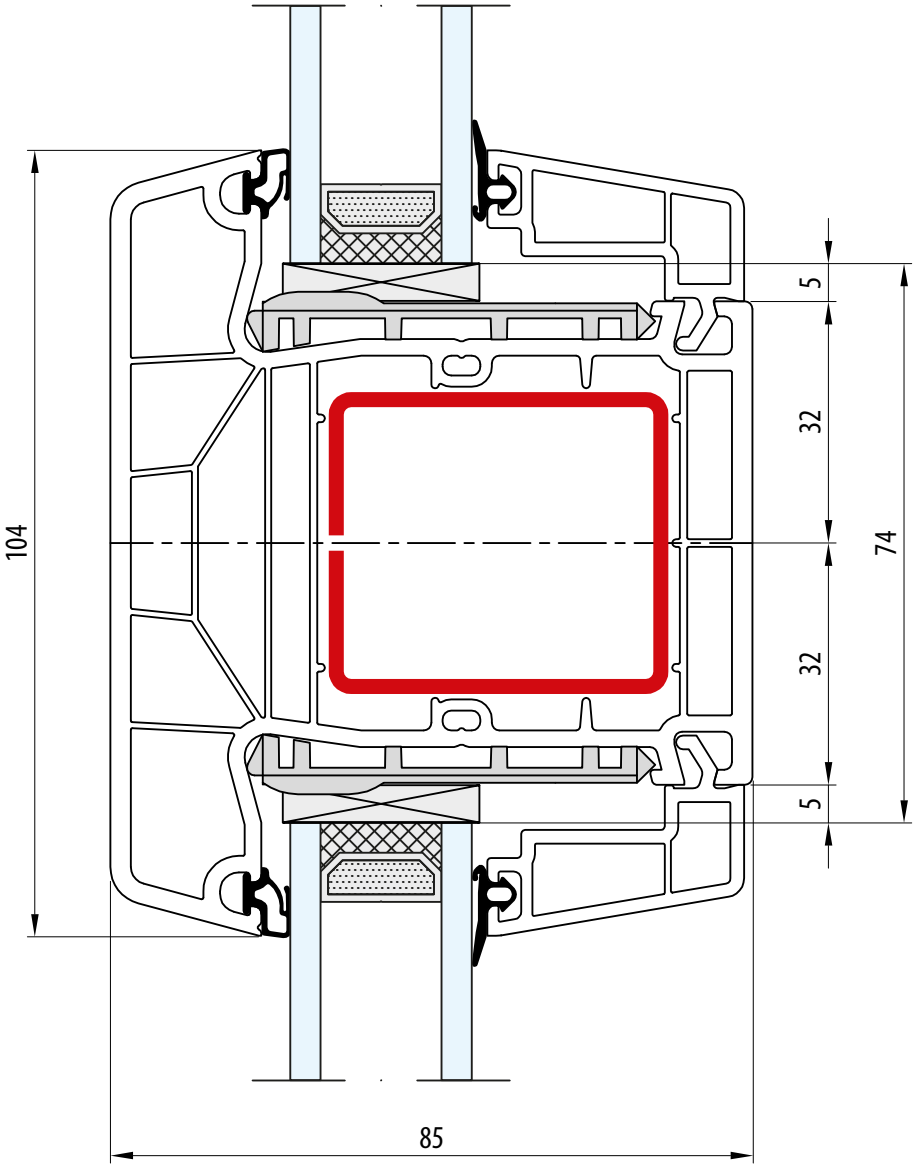


- Słupek stały: 84 mm · Skrzydło: 116 mm
- Meneau fixe: 84 mm · Vantail: 116 mm
- Fix post: 84 mm · Sash: 116 mm
- Festem Pfahl: 84 mm · Flügel: 116 mm
- Montante fisso: 84 mm · Anta: 116 mm
- Vaste stijl: 84 mm · Vleugel: 116 mm

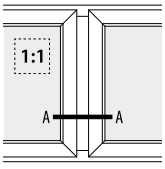


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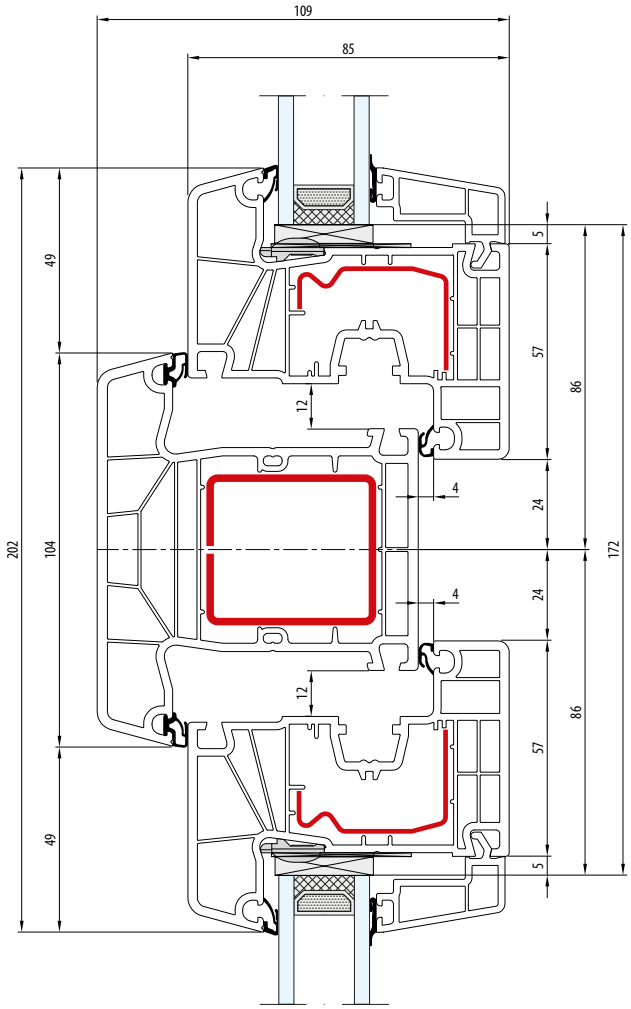


- Słupek stały: 104 mm
- Meneau fixe: 104 mm
- Fix post: 104 mm
- Festem Pfahl: 104 mm
- Montante fisso: 104 mm
- Vaste stijl: 104 mm

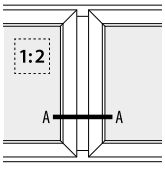


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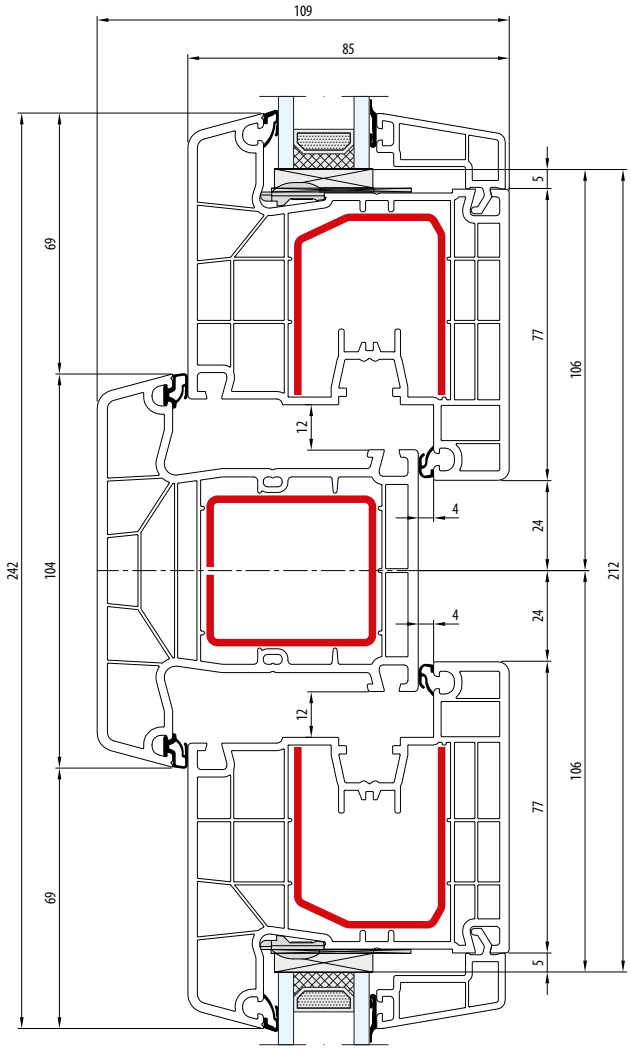


- Słupek stały: 104 mm · Skrzydło: 77 mm
- Meneau fixe: 104 mm · Vantail: 77 mm
- Fix post: 104 mm · Sash: 77 mm
- Festem Pfahl: 104 mm · Flügel: 77 mm
- Montante fisso: 104 mm · Anta: 77 mm
- Vaste stijl: 104 mm · Vleugel: 77 mm

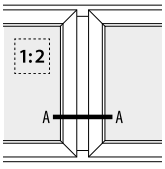


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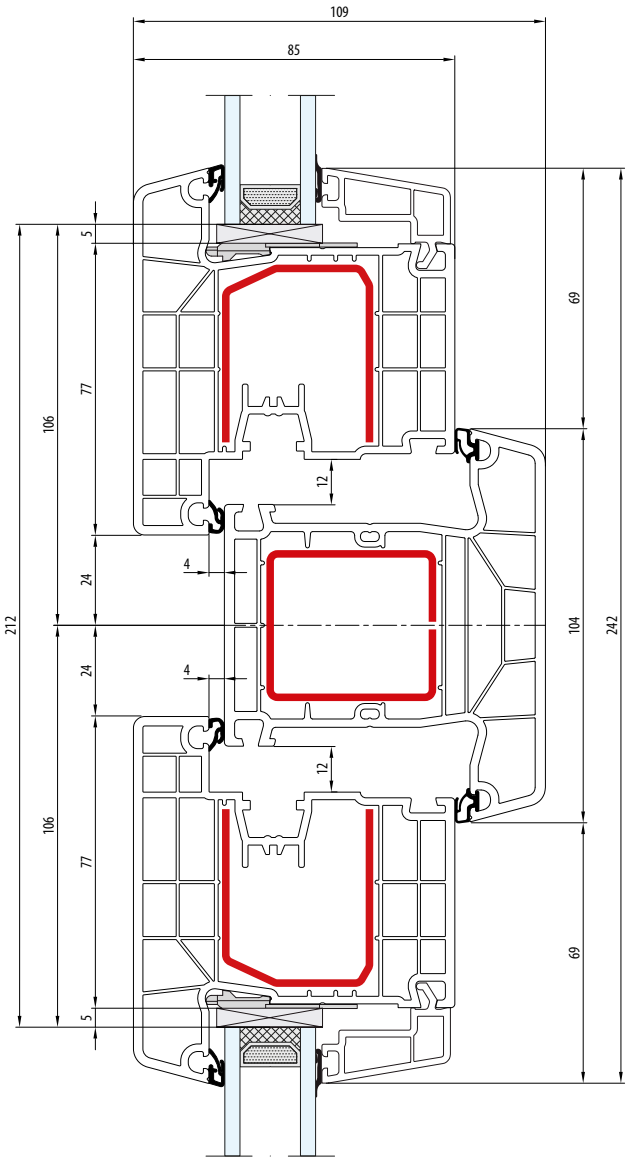


- Słupek stały: 104 mm · Skrzydło: 97 mm
- Meneau fixe: 104 mm · Vantail: 97 mm
- Fix post: 104 mm · Sash: 97 mm
- Festem Pfahl: 104 mm · Flügel: 97 mm
- Montante fisso: 104 mm · Anta: 97 mm
- Vaste stijl: 104 mm · Vleugel: 97 mm

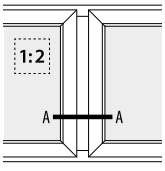


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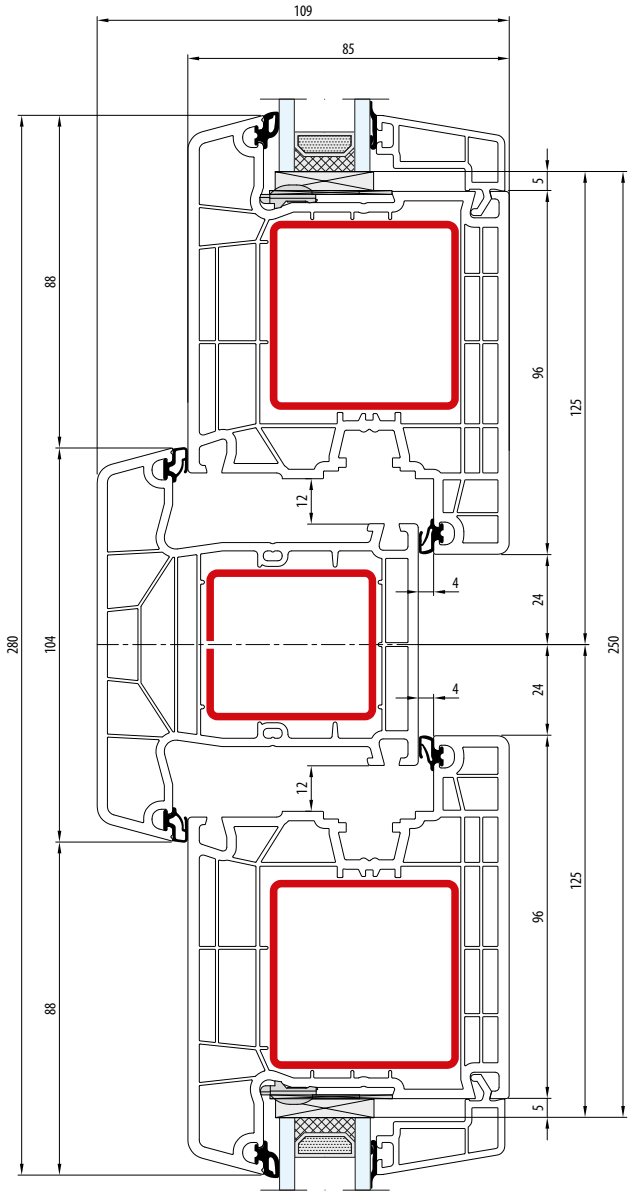


- Słupek stały: 104 mm · Skrzydło: 97 mm
- Meneau fixe: 104 mm · Vantail: 97 mm
- Fix post: 104 mm · Sash: 97 mm
- Festem Pfahl: 104 mm · Flügel: 97 mm
- Montante fisso: 104 mm · Anta: 97 mm
- Vaste stijl: 104 mm · Vleugel: 97 mm

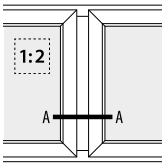


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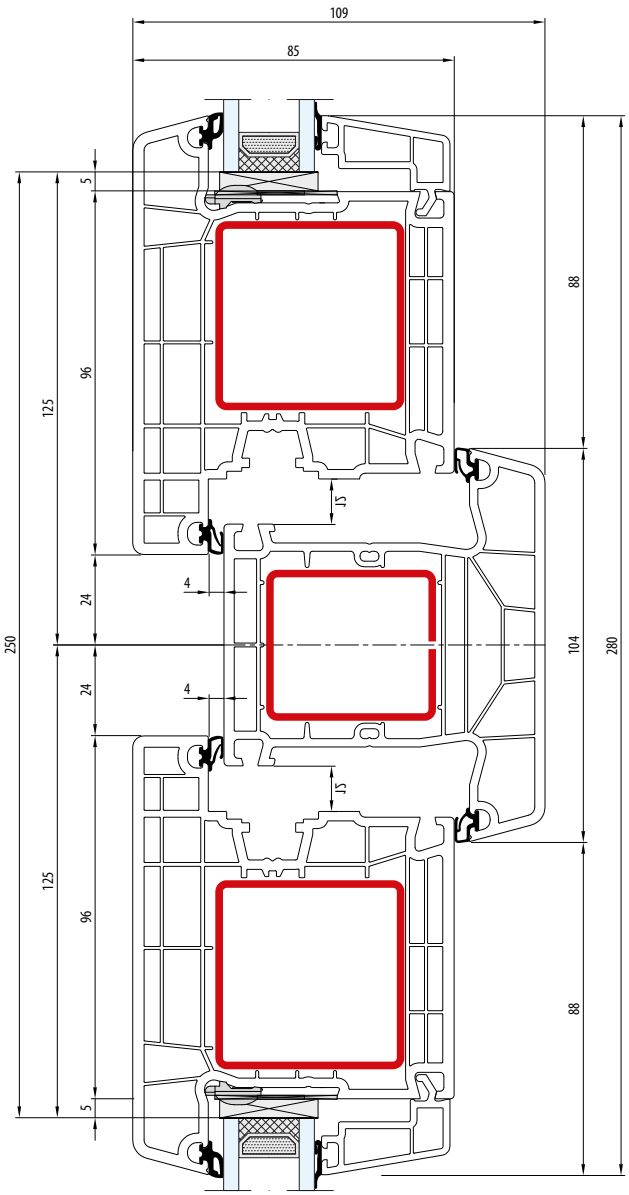


- Słupek stały: 104 mm · Skrzydło: 116 mm
- Meneau fixe: 104 mm · Vantail: 116 mm
- Fix post: 104 mm · Sash: 116 mm
- Festem Pfahl: 104 mm · Flügel: 116 mm
- Montante fisso: 104 mm · Anta: 116 mm
- Vaste stijl: 104 mm · Vleugel: 116 mm

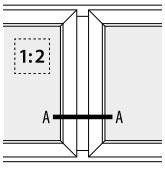


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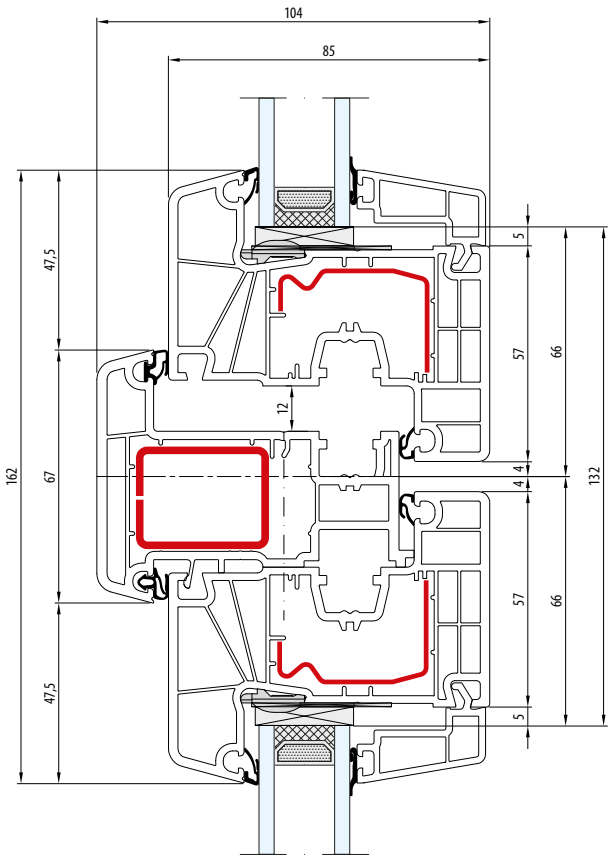


- Słupek stały: 104 mm · Skrzydło: 116 mm
- Meneau fixe: 104 mm · Vantail: 116 mm
- Fix post: 104 mm · Sash: 116 mm
- Festem Pfahl: 104 mm · Flügel: 116 mm
- Montante fisso: 104 mm · Anta: 116 mm
- Vaste stijl: 104 mm · Vleugel: 116 mm

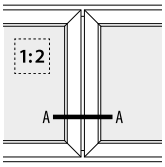


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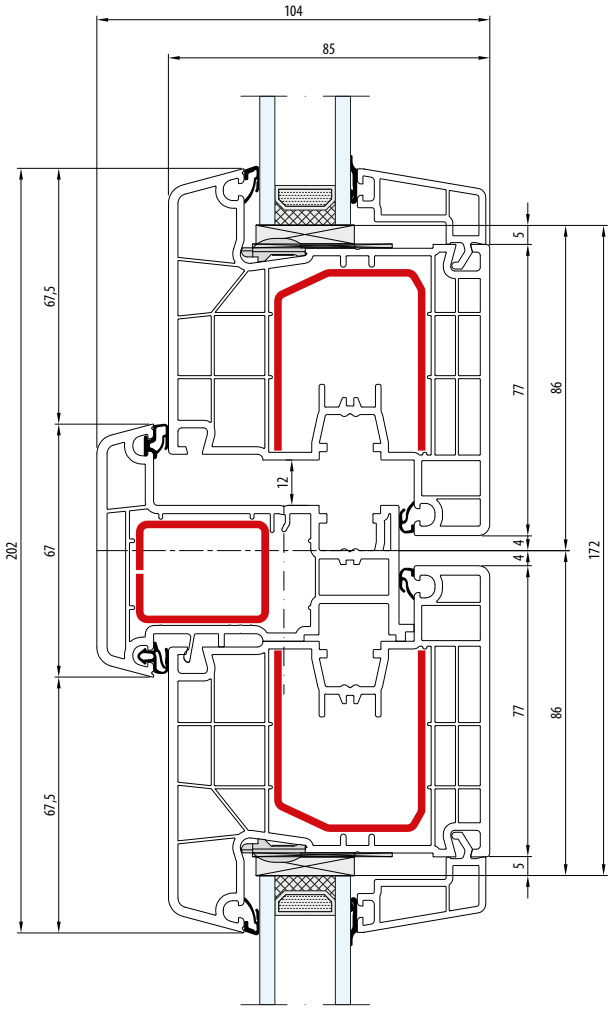


- Słupek ruchomy: 67 mm · Skrzydło: 77 mm
- Meneau mobile: 67 mm · Vantail: 77 mm
- Movable post: 67 mm · Sash: 77 mm
- Stulp: 67 mm · Flügel: 77 mm
- Montante mobile: 67 mm · Anta: 77 mm
- Verplaatsbare stijl: 67 mm · Vleugel: 77 mm

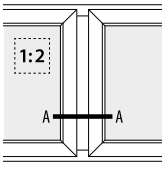


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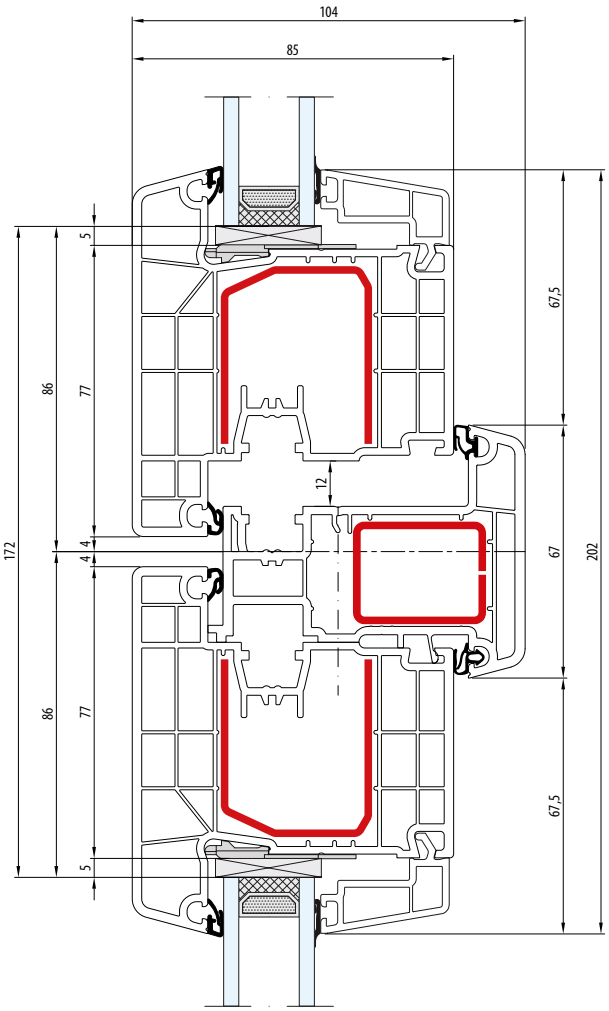


- Słupek ruchomy: 67 mm · Skrzydło: 97 mm
- Meneau mobile: 67 mm · Vantail: 97 mm
- Movable post: 67 mm · Sash: 97 mm
- Stulp: 67 mm · Flügel: 97 mm
- Montante mobile: 67 mm · Anta: 97 mm
- Verplaatsbare stijl: 67 mm · Vleugel: 97 mm

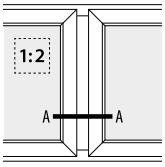


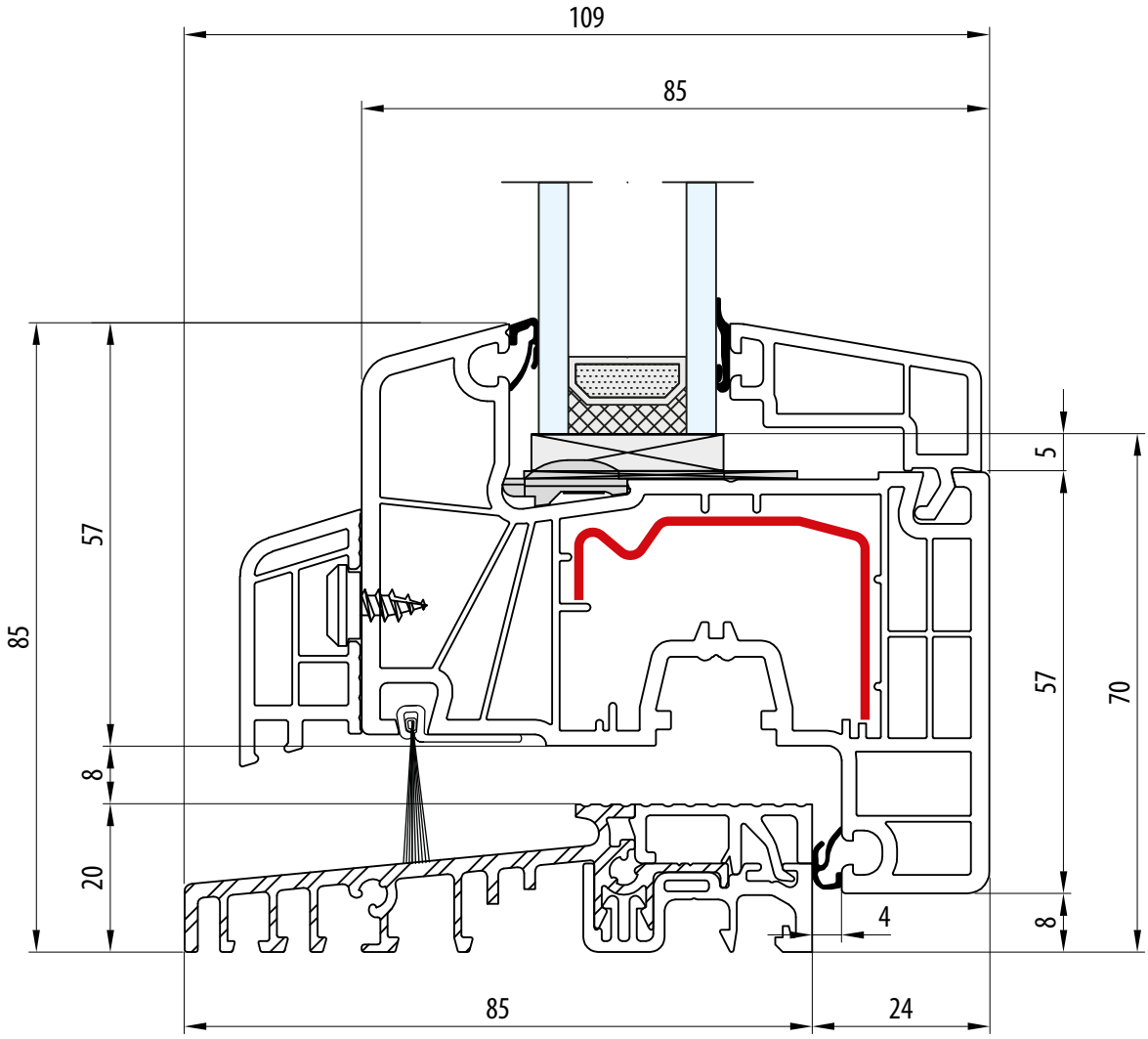
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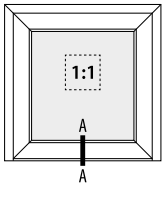


Słupek ruchomy: 67 mm · Skrzydło: 97 mm
Meneau mobile: 67 mm · Vantail: 97 mm
Movable post: 67 mm · Sash: 97 mm
Stulp: 67 mm · Flügel: 97 mm
Montante mobile: 67 mm · Anta: 97 mm
Verplaatsbare stijl: 67 mm · Vleugel: 97 mm



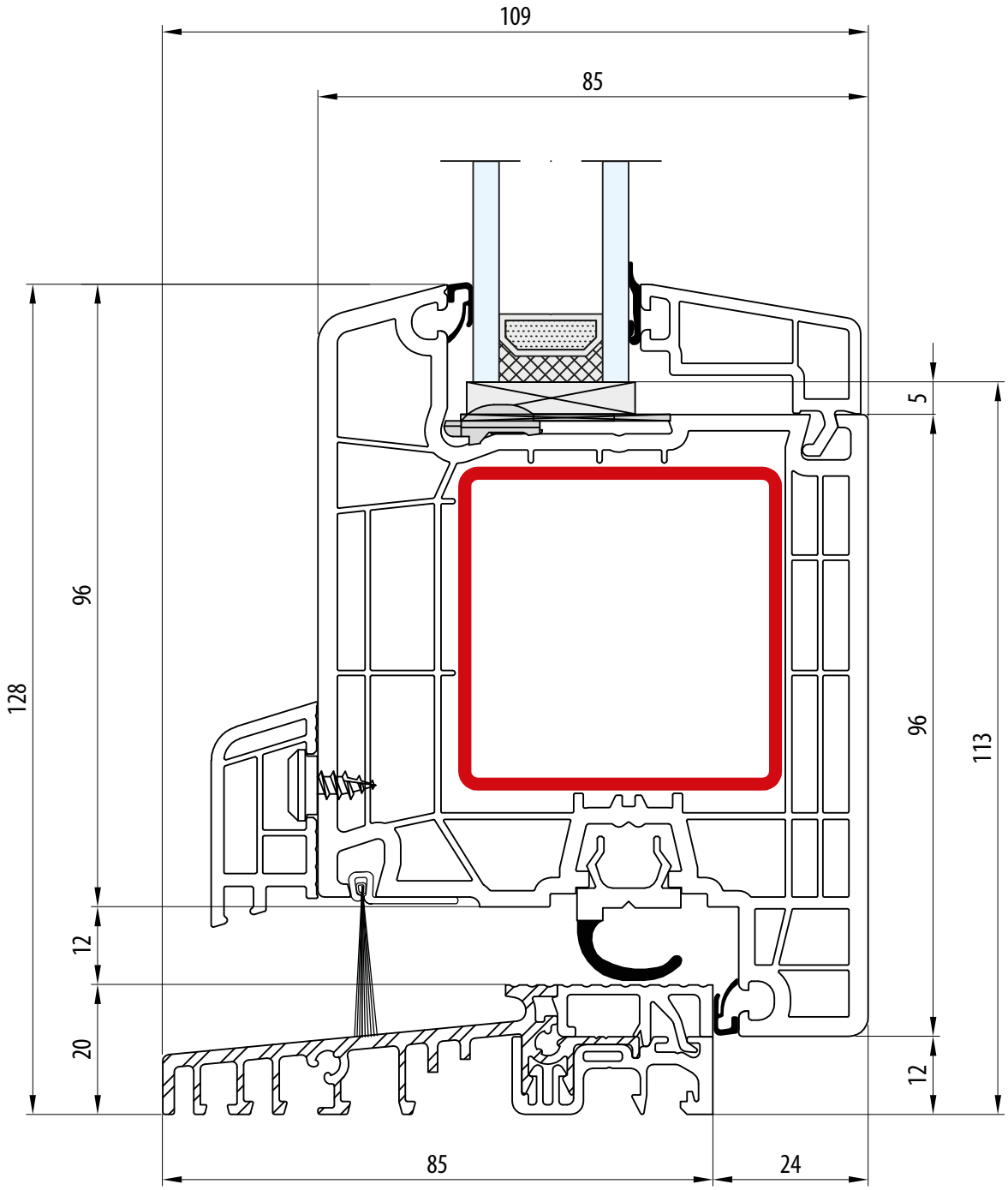


- Próg: 20 mm · Skrzydło: 77 mm
- Seuil: 20 mm · Vantail: 77 mm
- Threshold: 20 mm · Sash: 77 mm
- Schwelle: 20 mm · Flügel: 77 mm
- Soglia: 20 mm · Anta: 77 mm
- Dorpel: 20 mm · Vleugel: 77 mm

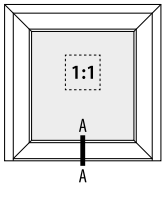


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Próg: 20 mm · Skrzydło: 116 mm
Seuil: 20 mm · Vantail: 116 mm
Threshold: 20 mm · Sash: 116 mm
Schwelle: 20 mm · Flügel: 116 mm
Soglia: 20 mm · Anta: 116 mm
Dorpel: 20 mm · Vleugel: 116 mm

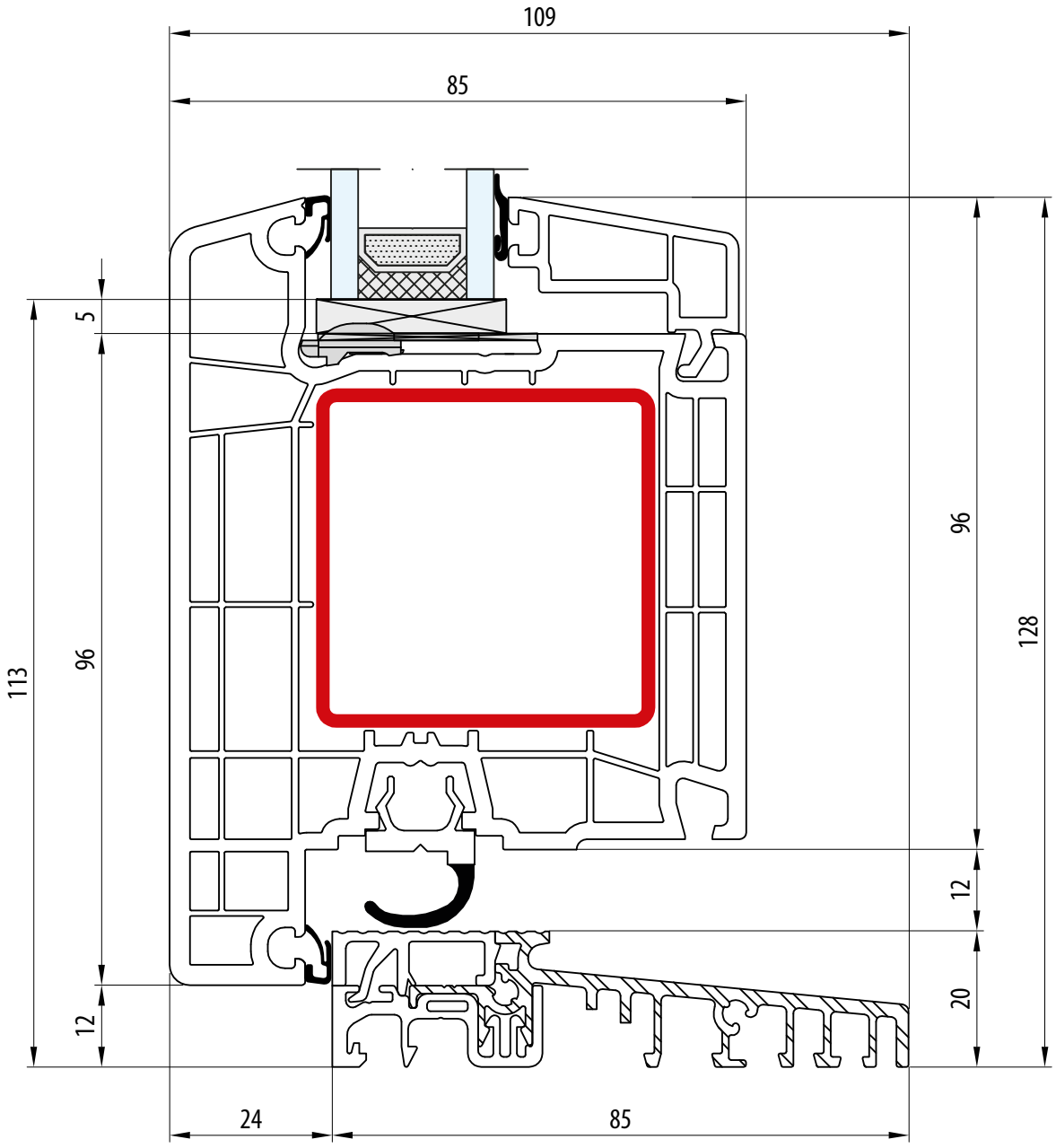






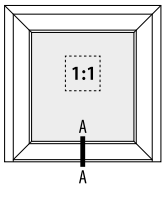






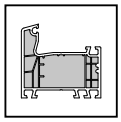


- Próg: 20 mm · Skrzydło: 116 mm
- Seuil: 20 mm · Vantail: 116 mm
- Threshold: 20 mm · Sash: 116 mm
- Schwelle: 20 mm · Flügel: 116 mm
- Soglia: 20 mm · Anta: 116 mm
- Dorpel: 20 mm · Vleugel: 116 mm

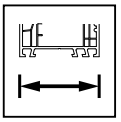


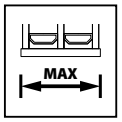
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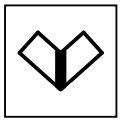

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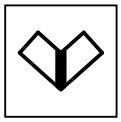

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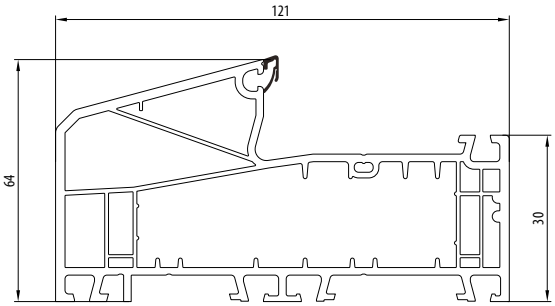


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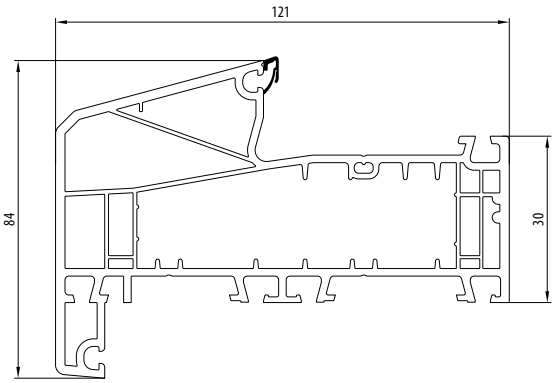



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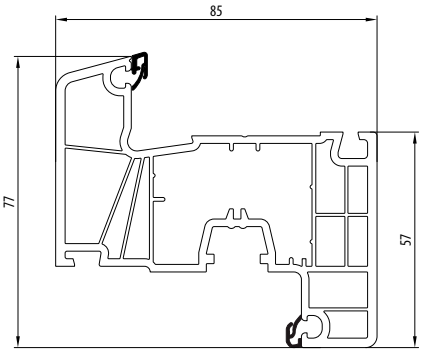




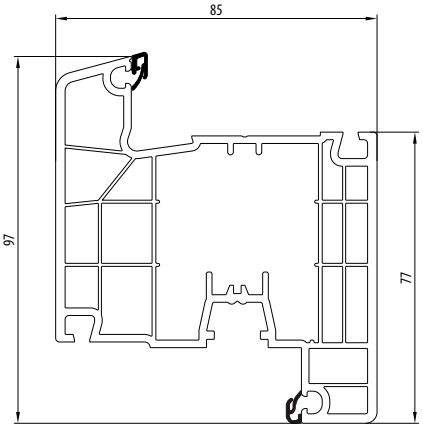
CL 170x53



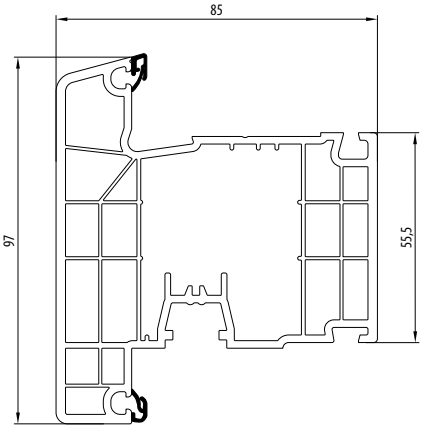
CL 170x54



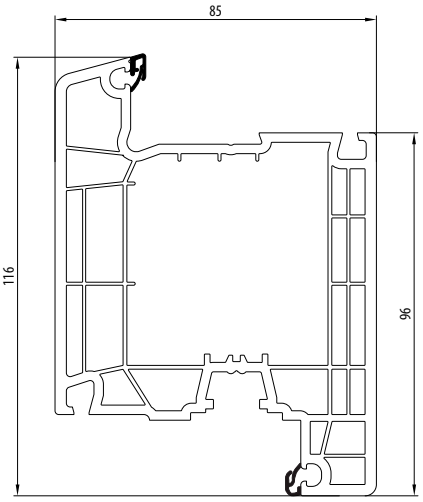
CL 170x20



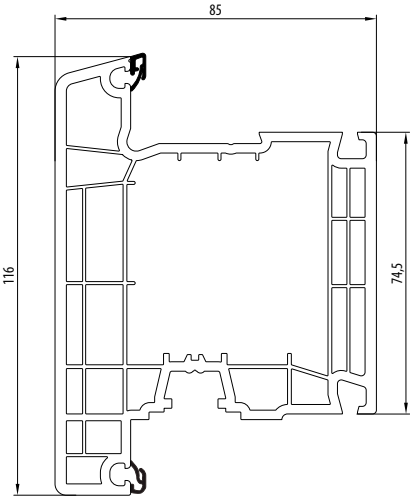
CL 170x30



CL 170x31

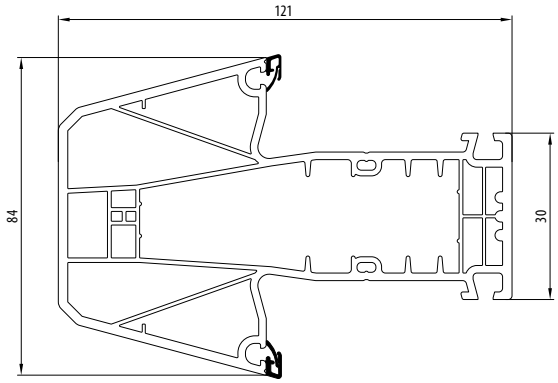


CL 170x33

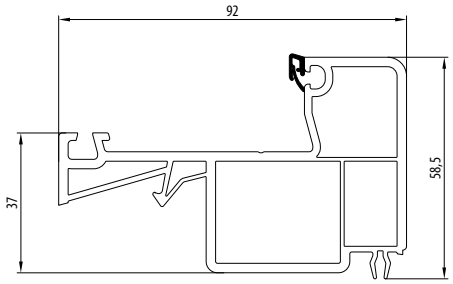


CL 170x35

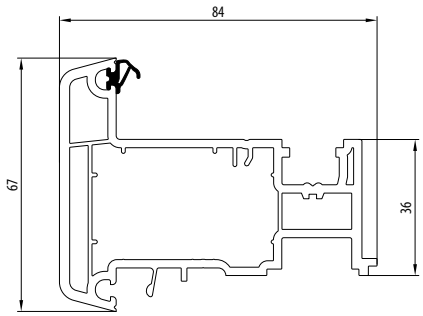
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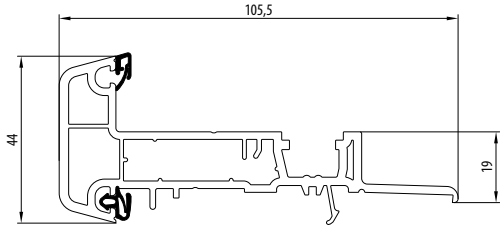
CL 170x57



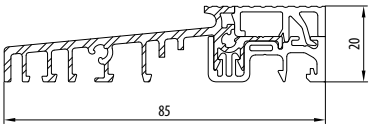
CL 170x58



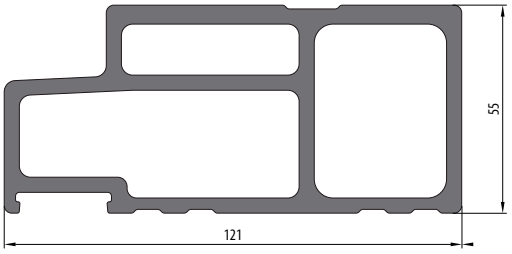
CL 170x64



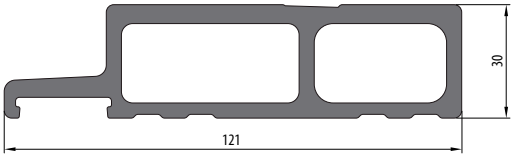
CL 170x65



alu - 20 mm



buva - 55 mm

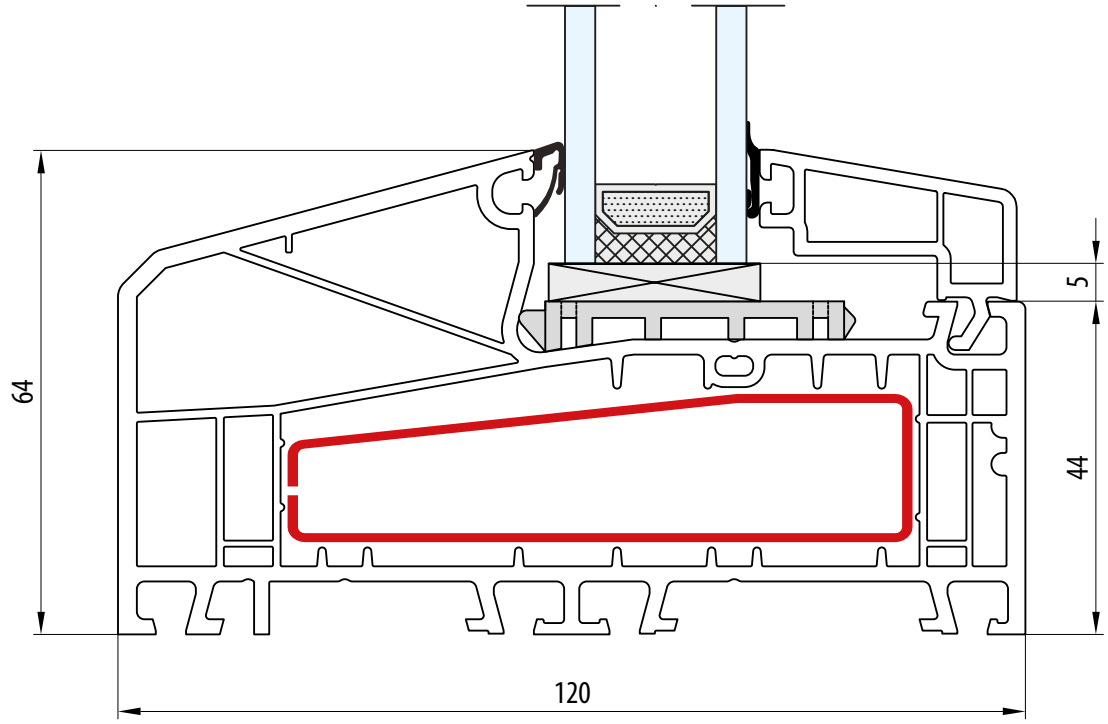


buva - 30 mm

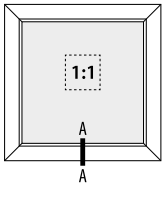
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RL

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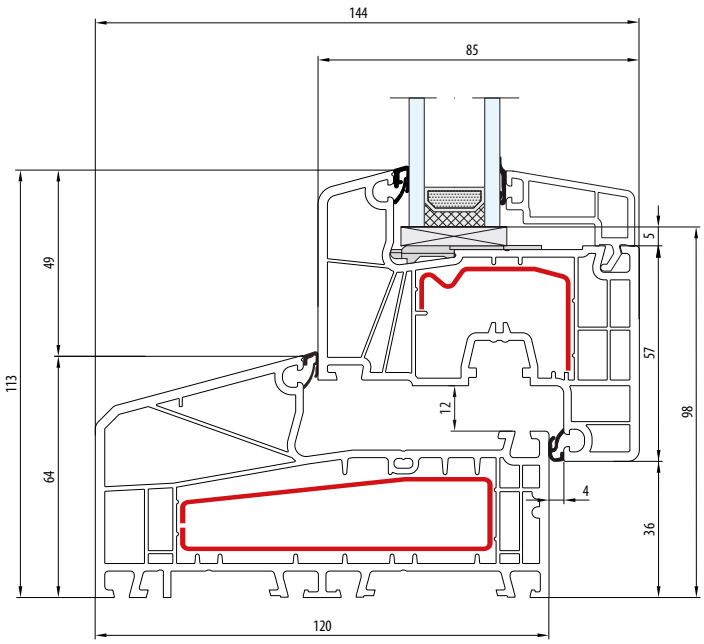


- Rama: 64 mm
- Dormant: 64 mm
- Frame: 64 mm
- Rahmen: 64 mm
- Telaio: 64 mm
- Kader : 64 mm

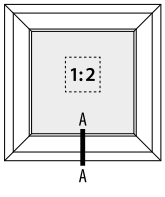


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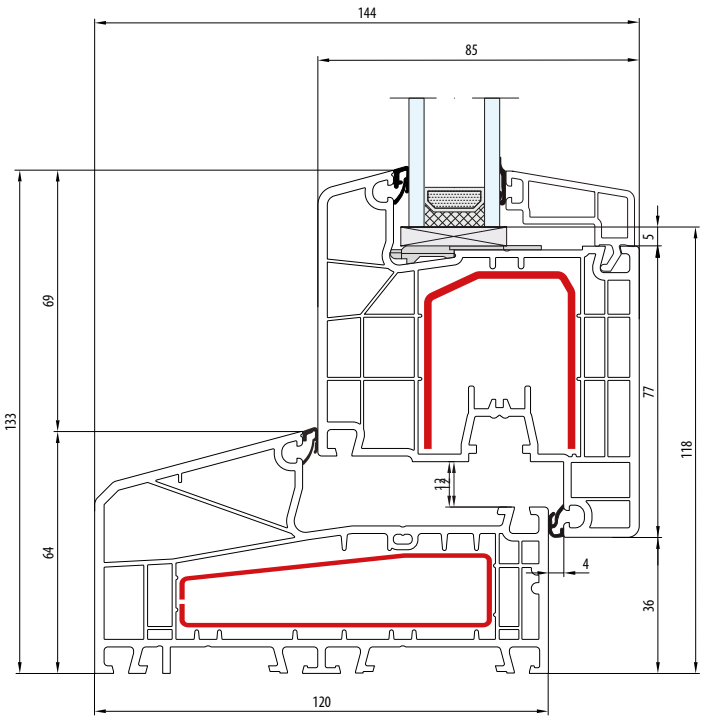


- Rama: 64 mm · Skrzydło: 77 mm
- Dormant: 64 mm · Vantail: 77 mm
- Frame: 64 mm · Sash: 77 mm
- Rahmen: 64 mm · Flügel: 77 mm
- Telaio: 64 mm · Anta: 77 mm
- Kader: 64 mm · Vleugel: 77 mm

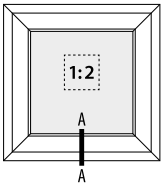


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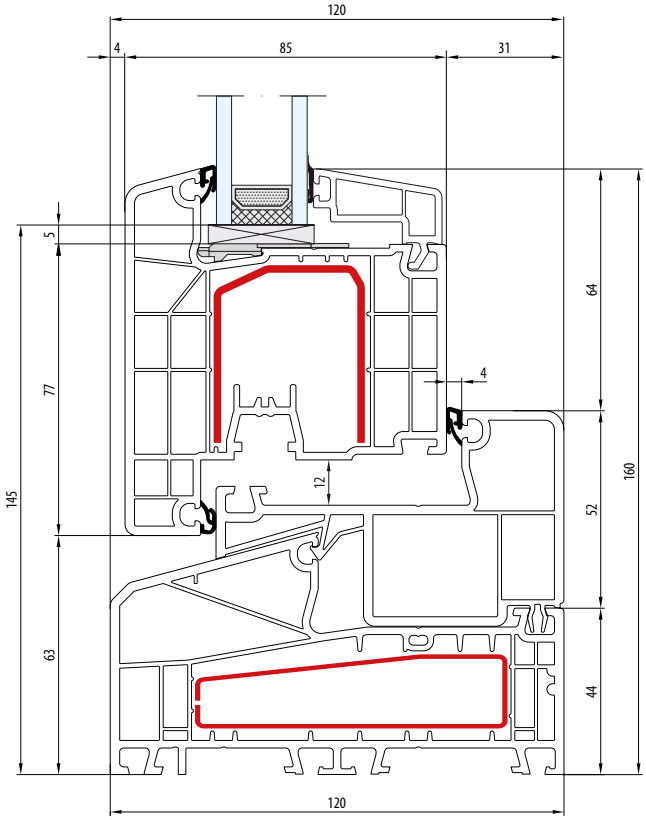


Rama: 64 mm · Skrzydło: 97 mm
Dormant: 64 mm · Vantail: 97 mm
Frame: 64 mm · Sash: 97 mm
Rahmen: 64 mm · Flügel: 97 mm
Telaio: 64 mm · Anta: 97 mm
Kader: 64 mm · Vleugel: 97 mm

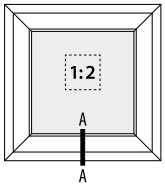


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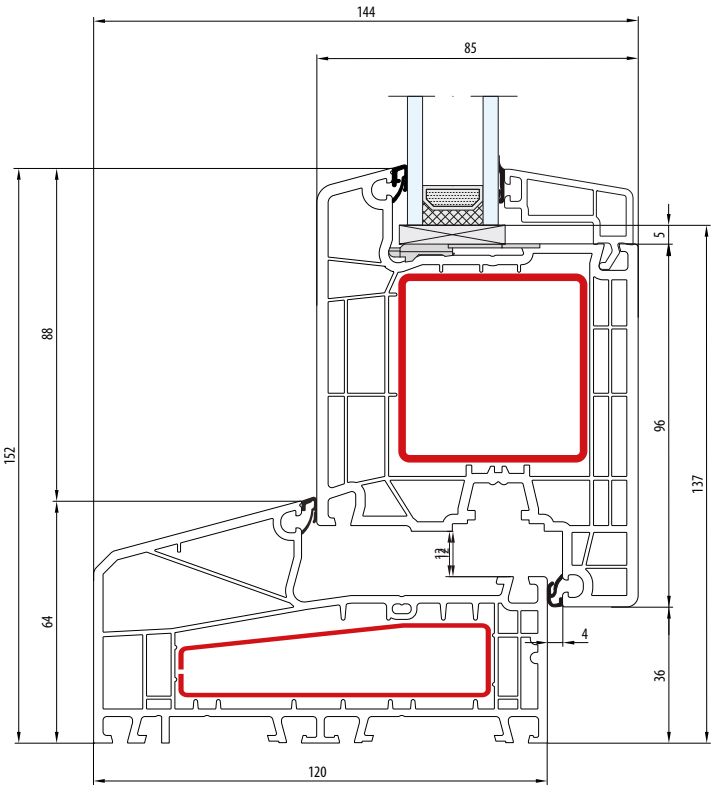


- Rama: 64 mm · Skrzydło: 97 mm
- Dormant: 64 mm · Vantail: 97 mm
- Frame: 64 mm · Sash: 97 mm
- Rahmen: 64 mm · Flügel: 97 mm
- Telaio: 64 mm · Anta: 97 mm
- Kader: 64 mm · Vleugel: 97 mm

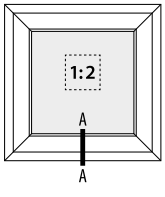


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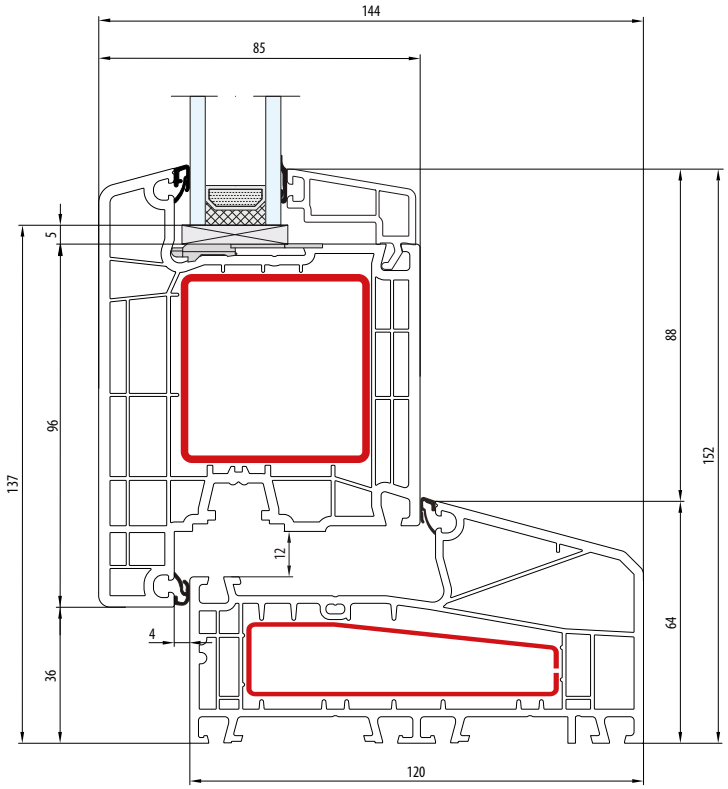


Rama: 64 mm · Skrzydło: 116 mm
Dormant: 64 mm · Vantail: 116 mm
Frame: 64 mm · Sash: 116 mm
Rahmen: 64 mm · Flügel: 116 mm
Telaio: 64 mm · Anta: 116 mm
Kader: 64 mm · Vleugel: 116 mm

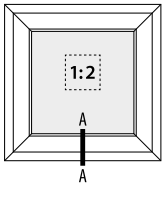


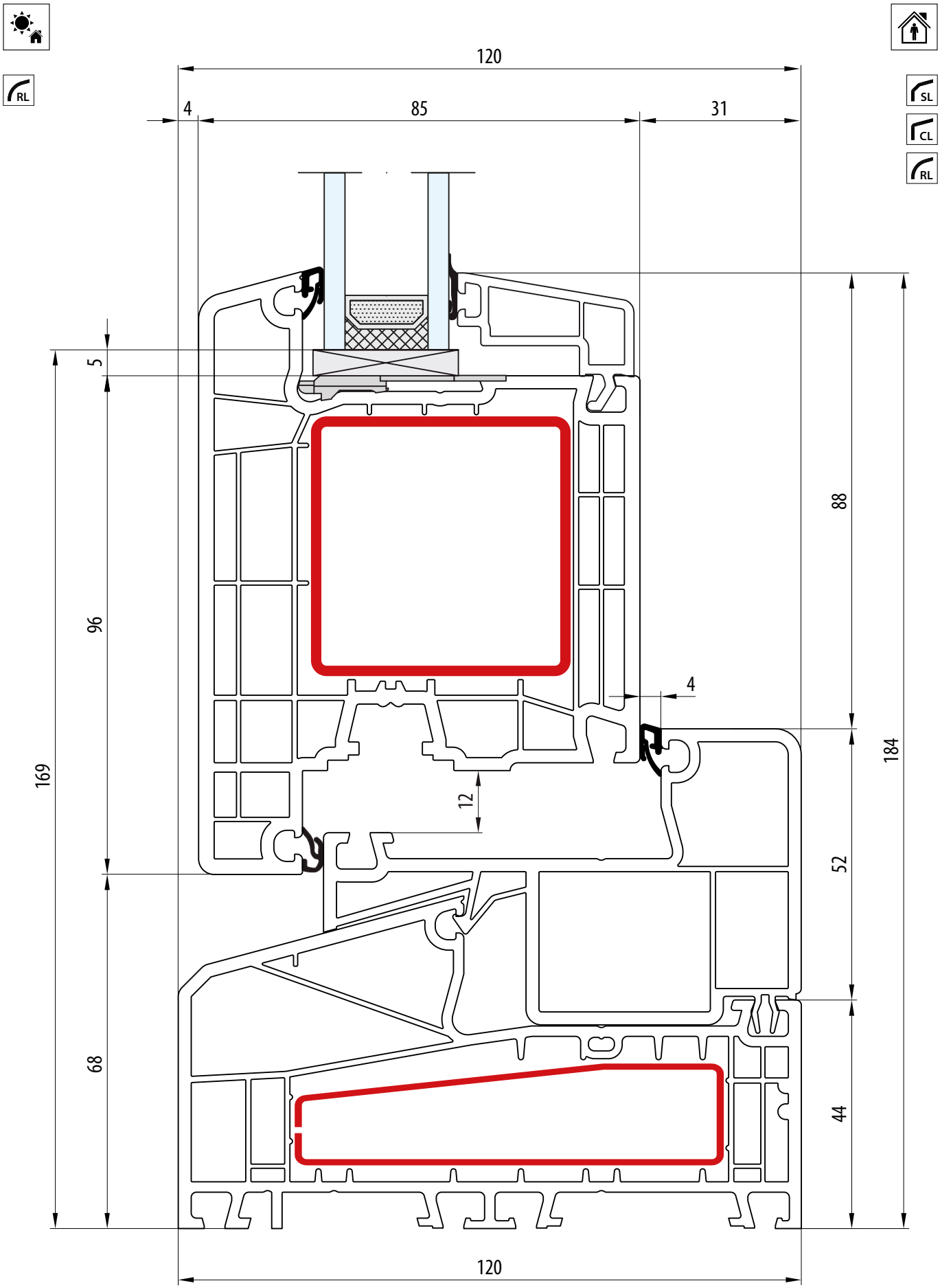
CL

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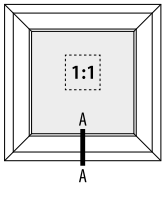


Rama: 64 mm · Skrzydło: 116 mm
Dormant: 64 mm · Vantail: 116 mm
Frame: 64 mm · Sash: 116 mm
Rahmen: 64 mm · Flügel: 116 mm
Telaio: 64 mm · Anta: 116 mm
Kader: 64 mm · Vleugel: 116 mm



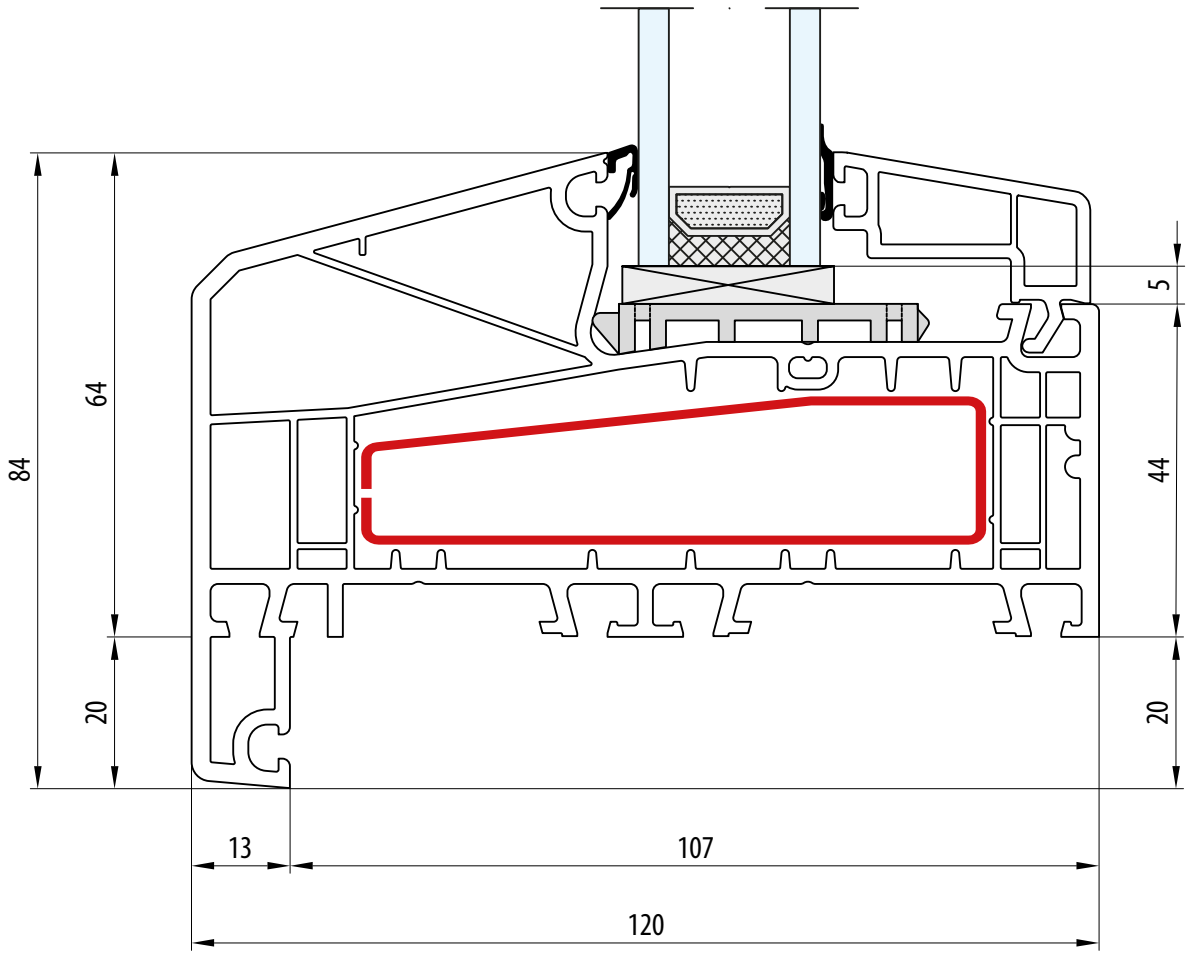


Rama: 64 mm · Skrzydło: 116 mm
Dormant: 64 mm · Vantail: 116 mm
Frame: 64 mm · Sash: 116 mm
Rahmen: 64 mm · Flügel: 116 mm
Telaio: 64 mm · Anta: 116 mm
Kader: 64 mm · Vleugel: 116 mm

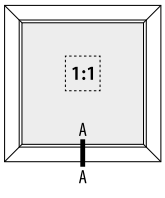


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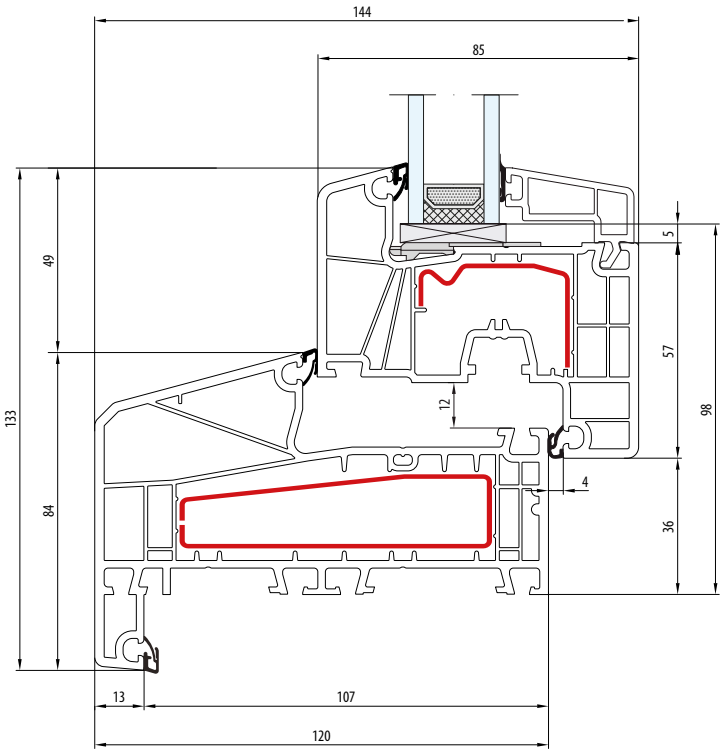


- Rama: 84 mm
- Dormant: 84 mm
- Frame: 84 mm
- Rahmen: 84 mm
- Telaio: 84 mm
- Kader: 84 mm

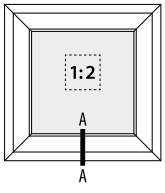


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Rama: 84 mm · Skrzydło: 77 mm
Dormant: 84 mm · Vantail: 77 mm
Frame: 84 mm · Sash: 77 mm
Rahmen: 84 mm · Flügel: 77 mm
Telaio: 84 mm · Anta: 77 mm
Kader: 84 mm · Vleugel: 77 mm

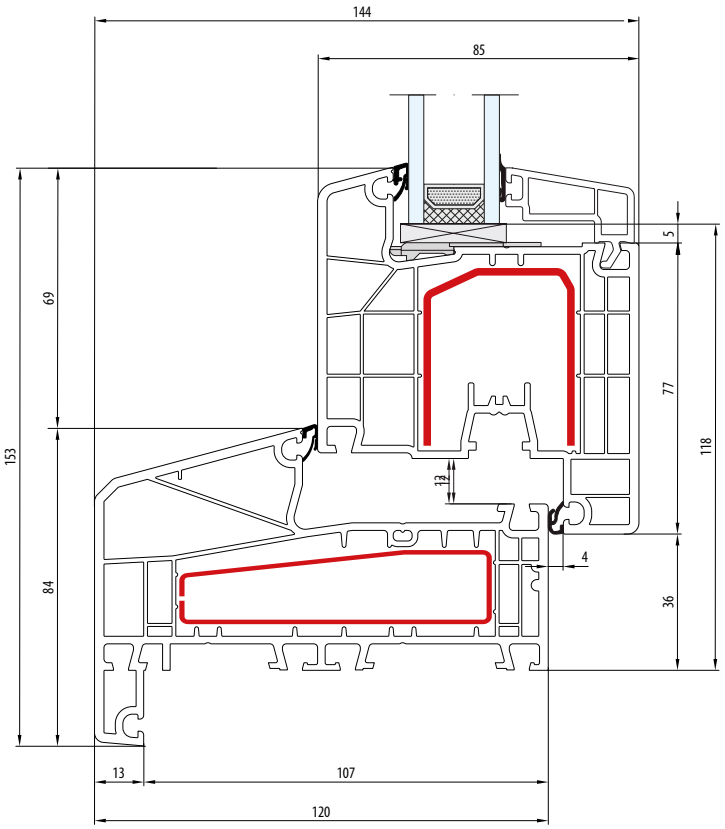




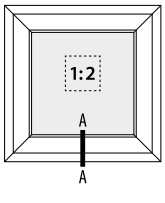






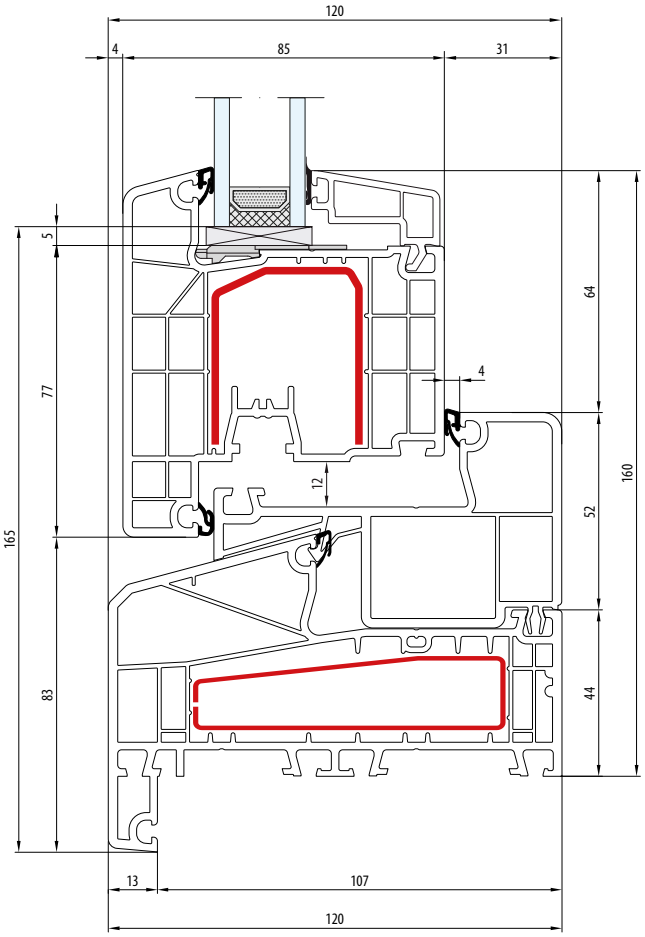


- Rama: 84 mm · Skrzydło: 97 mm
- Dormant: 84 mm · Vantail: 97 mm
- Frame: 84 mm · Sash: 97 mm
- Rahmen: 84 mm · Flügel: 97 mm
- Telaio: 84 mm · Anta: 97 mm
- Kader: 84 mm · Vleugel: 97 mm

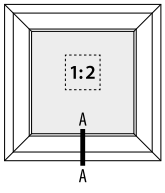


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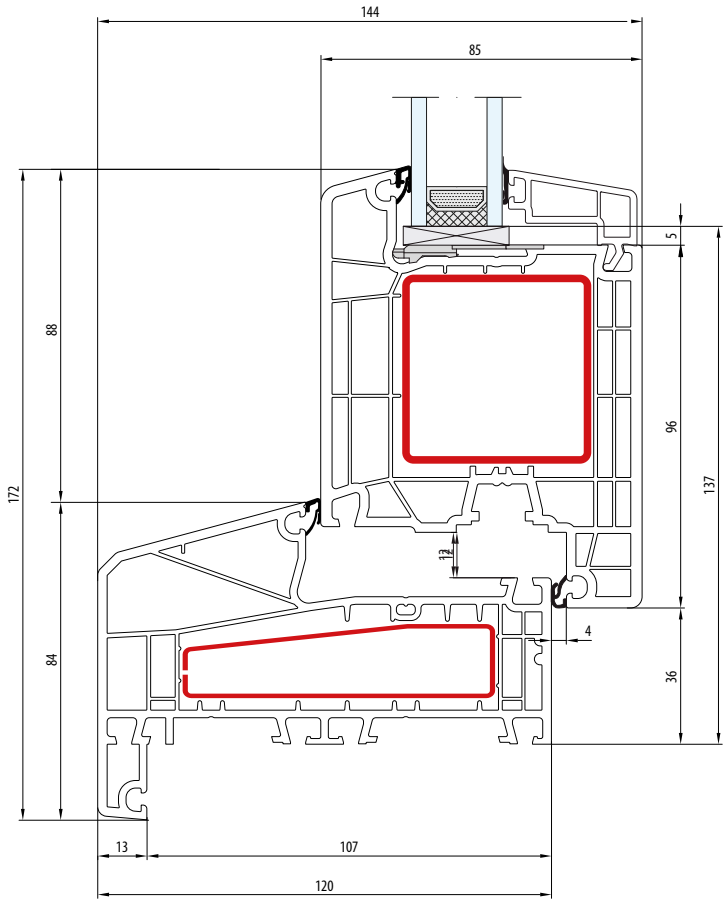


Rama: 84 mm · Skrzydło: 97 mm
Dormant: 84 mm · Vantail: 97 mm
Frame: 84 mm · Sash: 97 mm
Rahmen: 84 mm · Flügel: 97 mm
Telaio: 84 mm · Anta: 97 mm
Kader: 84 mm · Vleugel: 97 mm

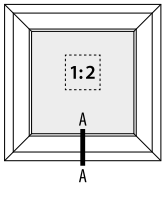


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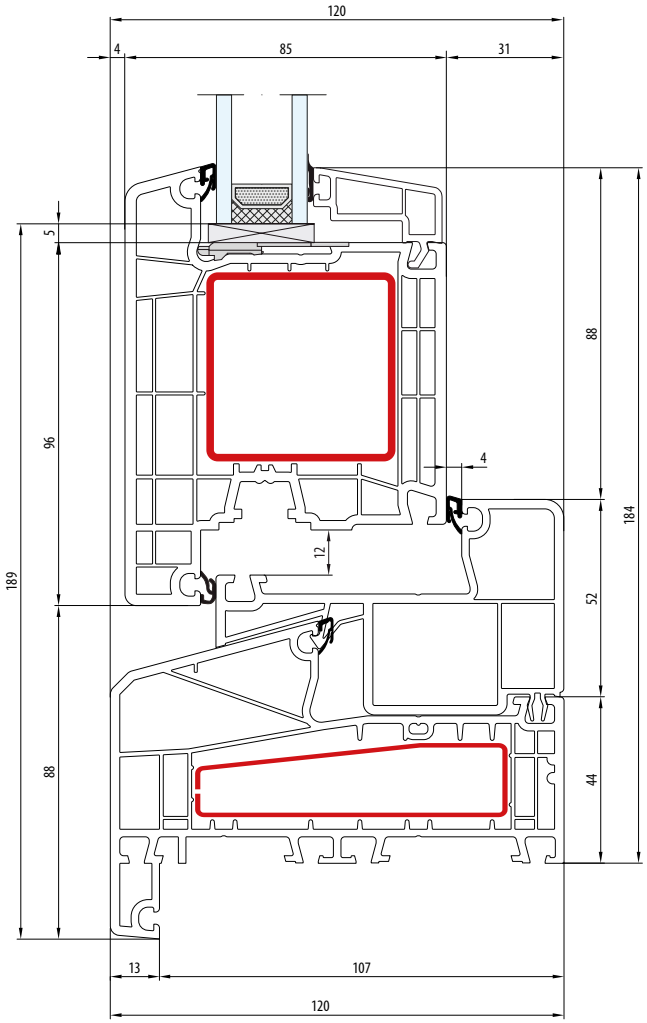


- Rama: 84 mm · Skrzydło: 116 mm
- Dormant: 84 mm · Vantail: 116 mm
- Frame: 84 mm · Sash: 116 mm
- Rahmen: 84 mm · Flügel: 116 mm
- Telaio: 84 mm · Anta: 116 mm
- Kader: 84 mm · Vleugel: 116 mm

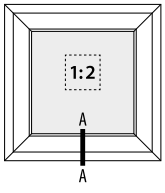


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Rama: 84 mm · Skrzydło: 116 mm
Dormant: 84 mm · Vantail: 116 mm
Frame: 84 mm · Sash: 116 mm
Rahmen: 84 mm · Flügel: 116 mm
Telaio: 84 mm · Anta: 116 mm
Kader: 84 mm · Vleugel: 116 mm



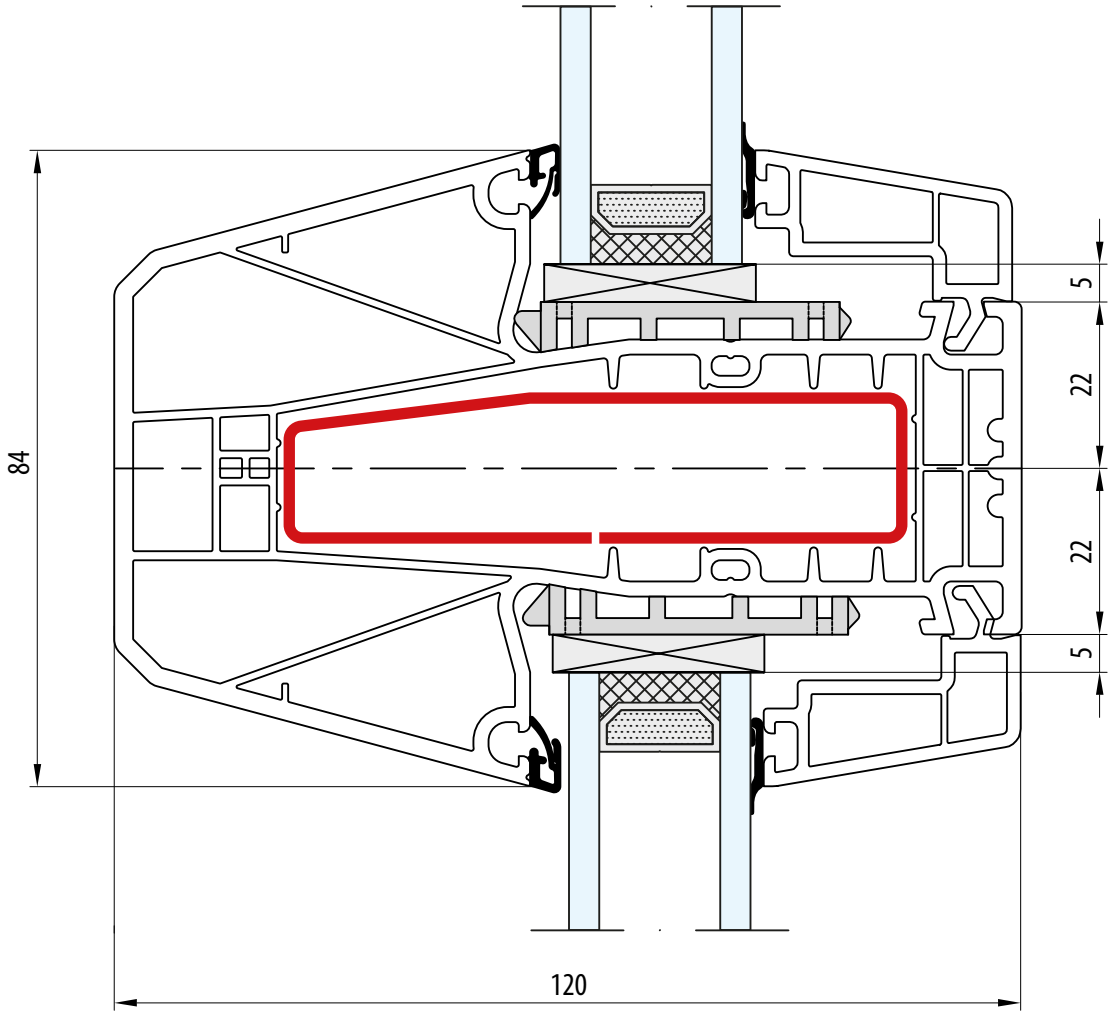




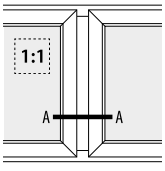






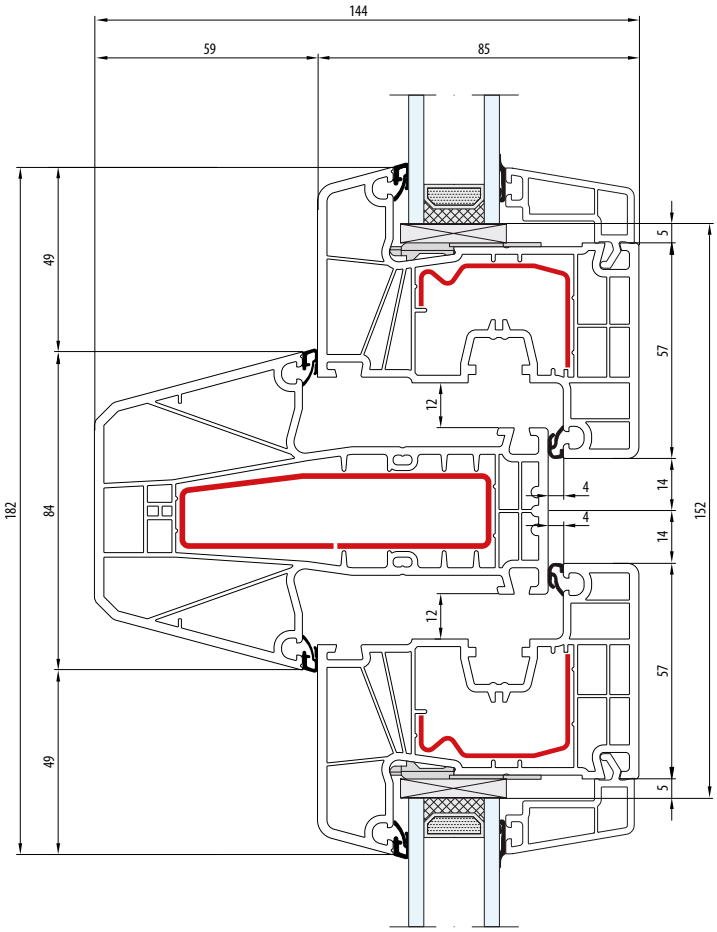


- Słupek stały: 84 mm
- Meneau fixe: 84 mm
- Fix post: 84 mm
- Festem Pfahl: 84 mm
- Montante fisso: 84 mm
- Vaste stijl: 84 mm

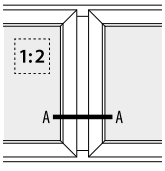


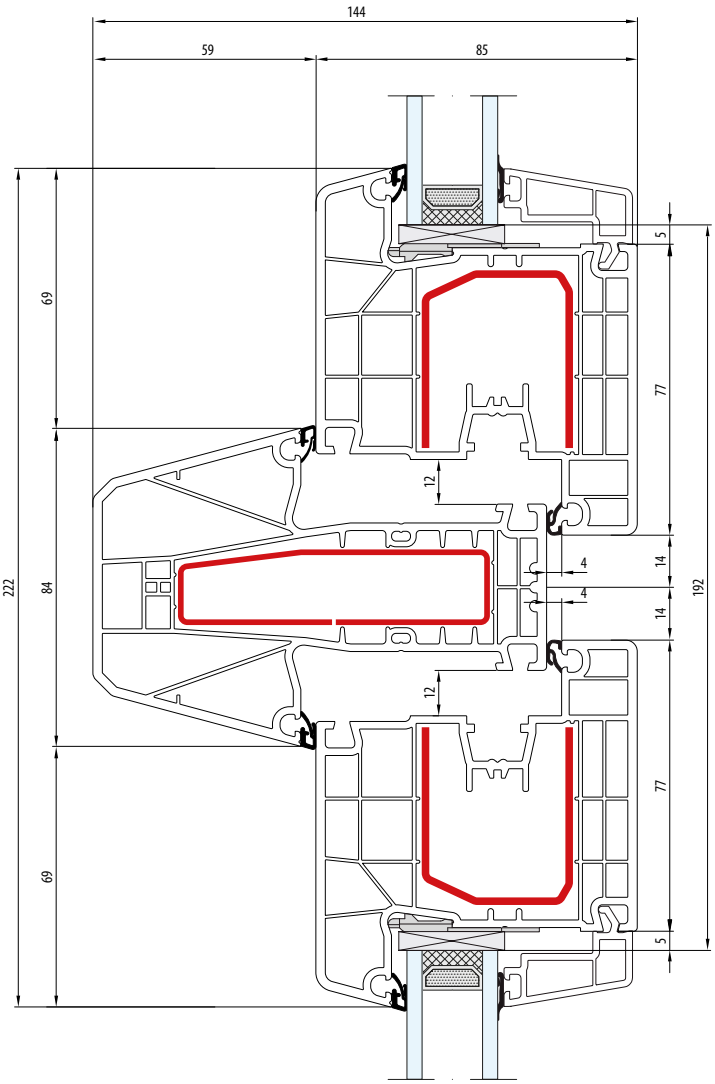
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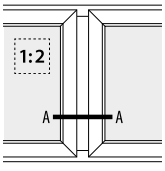


- Słupek stały: 84 mm · Skrzydło: 77 mm
- Meneau fixe: 84 mm · Vantail: 77 mm
- Fix post: 84 mm · Sash: 77 mm
- Festem Pfahl: 84 mm · Flügel: 77 mm
- Montante fisso: 84 mm · Anta: 77 mm
- Vaste stijl: 84 mm · Vleugel: 77 mm



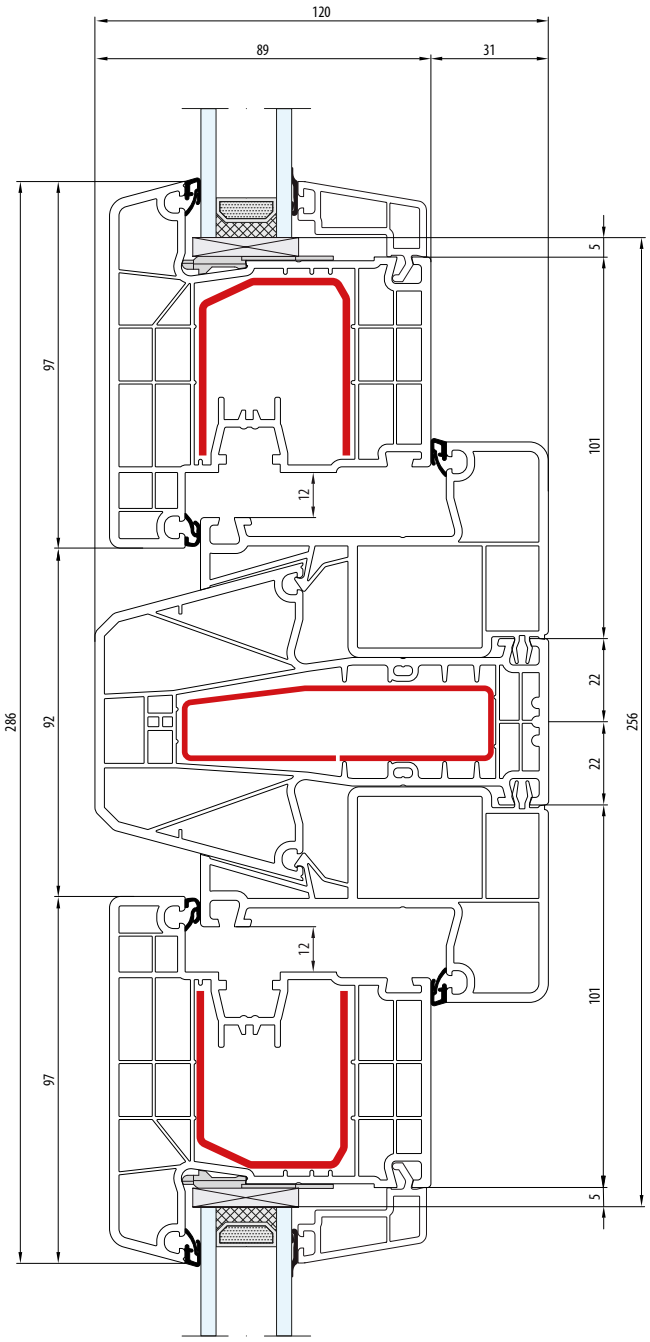


- Słupek stały: 84 mm · Skrzydło: 97 mm
- Meneau fixe: 84 mm · Vantail: 97 mm
- Fix post: 84 mm · Sash: 97 mm
- Festem Pfahl: 84 mm · Flügel: 97 mm
- Montante fisso: 84 mm · Anta: 97 mm
- Vaste stijl: 84 mm · Vleugel: 97 mm

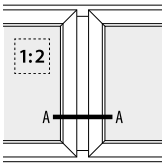


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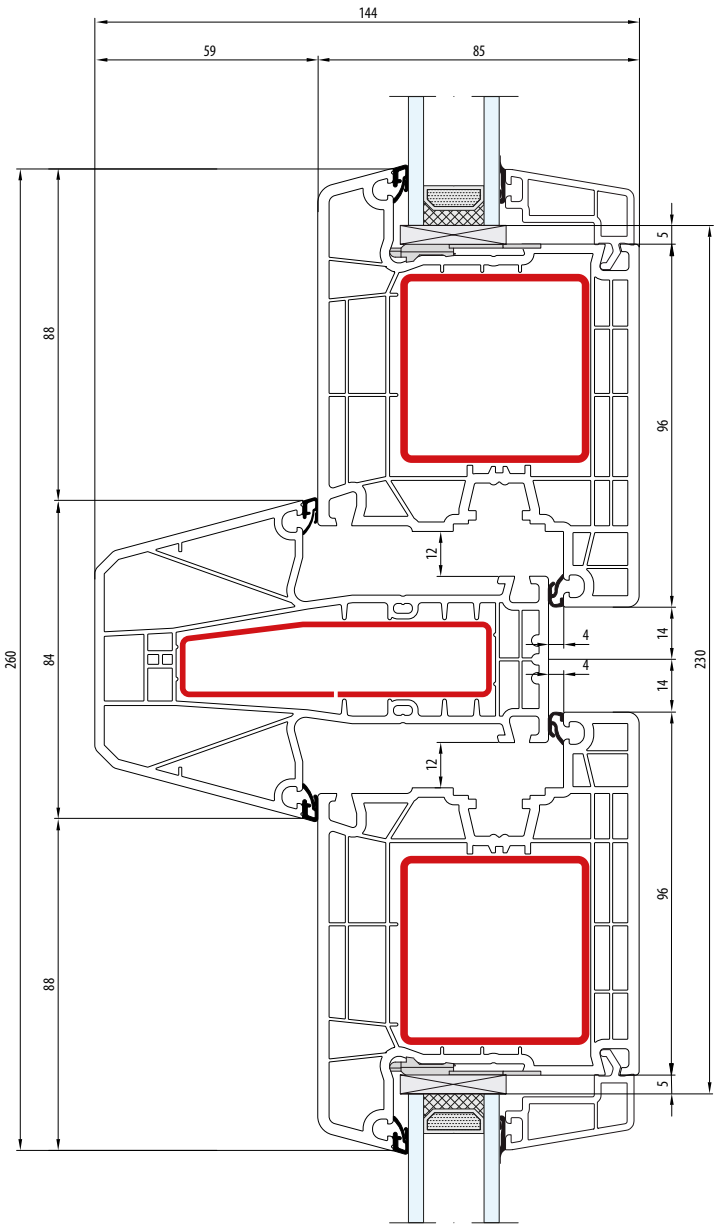


- Słupek stały: 84 mm · Skrzydło: 97 mm
- Meneau fixe: 84 mm · Vantail: 97 mm
- Fix post: 84 mm · Sash: 97 mm
- Festem Pfahl: 84 mm · Flügel: 97 mm
- Montante fisso: 84 mm · Anta: 97 mm
- Vaste stijl: 84 mm · Vleugel: 97 mm

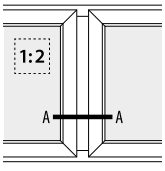


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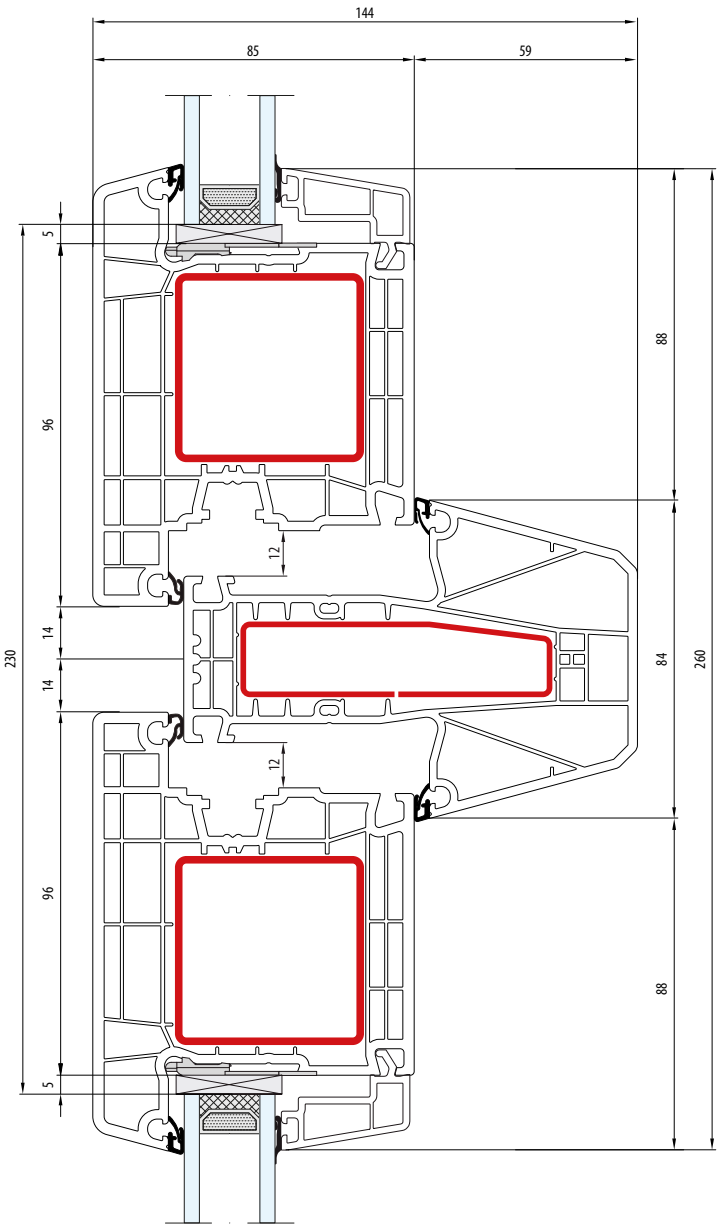


- Słupek stały: 84 mm · Skrzydło: 116 mm
- Meneau fixe: 84 mm · Vantail: 116 mm
- Fix post: 84 mm · Sash: 116 mm
- Festem Pfahl: 84 mm · Flügel: 116 mm
- Montante fisso: 84 mm · Anta: 116 mm
- Vaste stijl: 84 mm · Vleugel: 116 mm

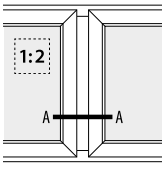


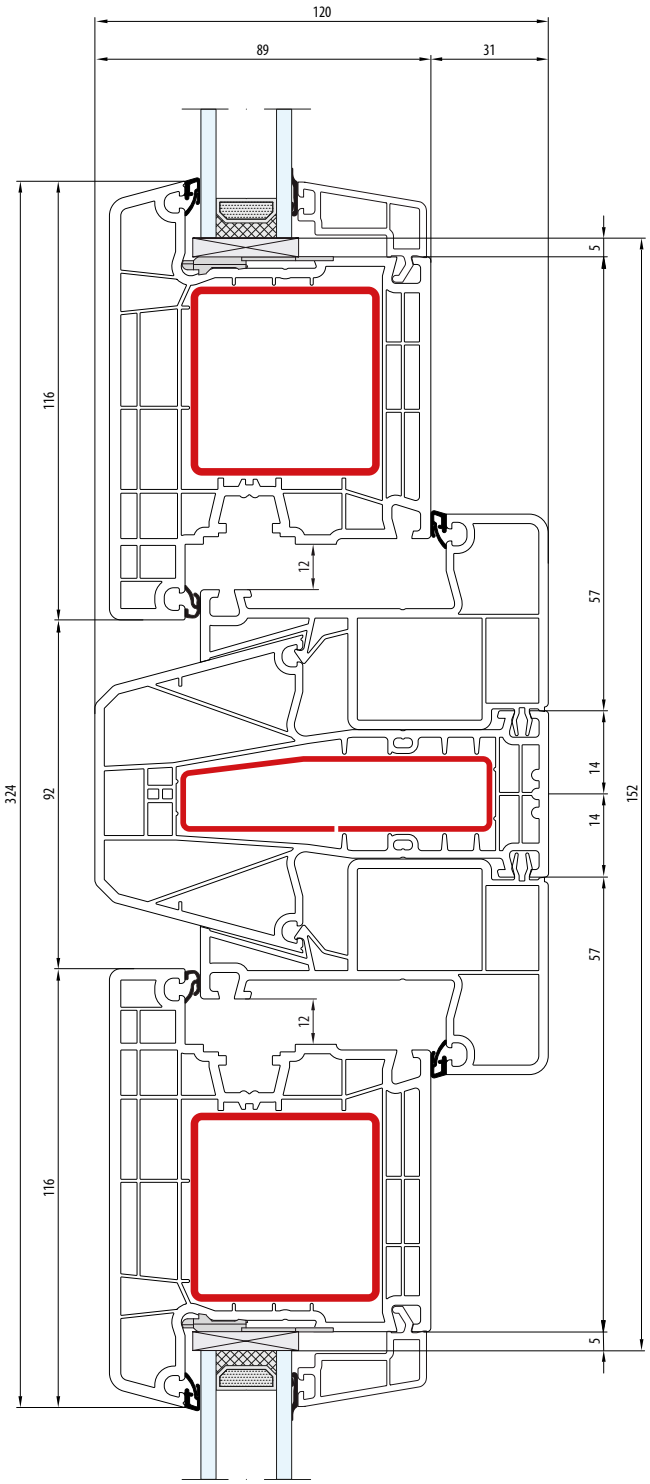
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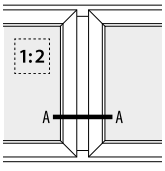


- Słupek stały: 84 mm · Skrzydło: 116 mm
- Meneau fixe: 84 mm · Vantail: 116 mm
- Fix post: 84 mm · Sash: 116 mm
- Festem Pfahl: 84 mm · Flügel: 116 mm
- Montante fisso: 84 mm · Anta: 116 mm
- Vaste stijl: 84 mm · Vleugel: 116 mm



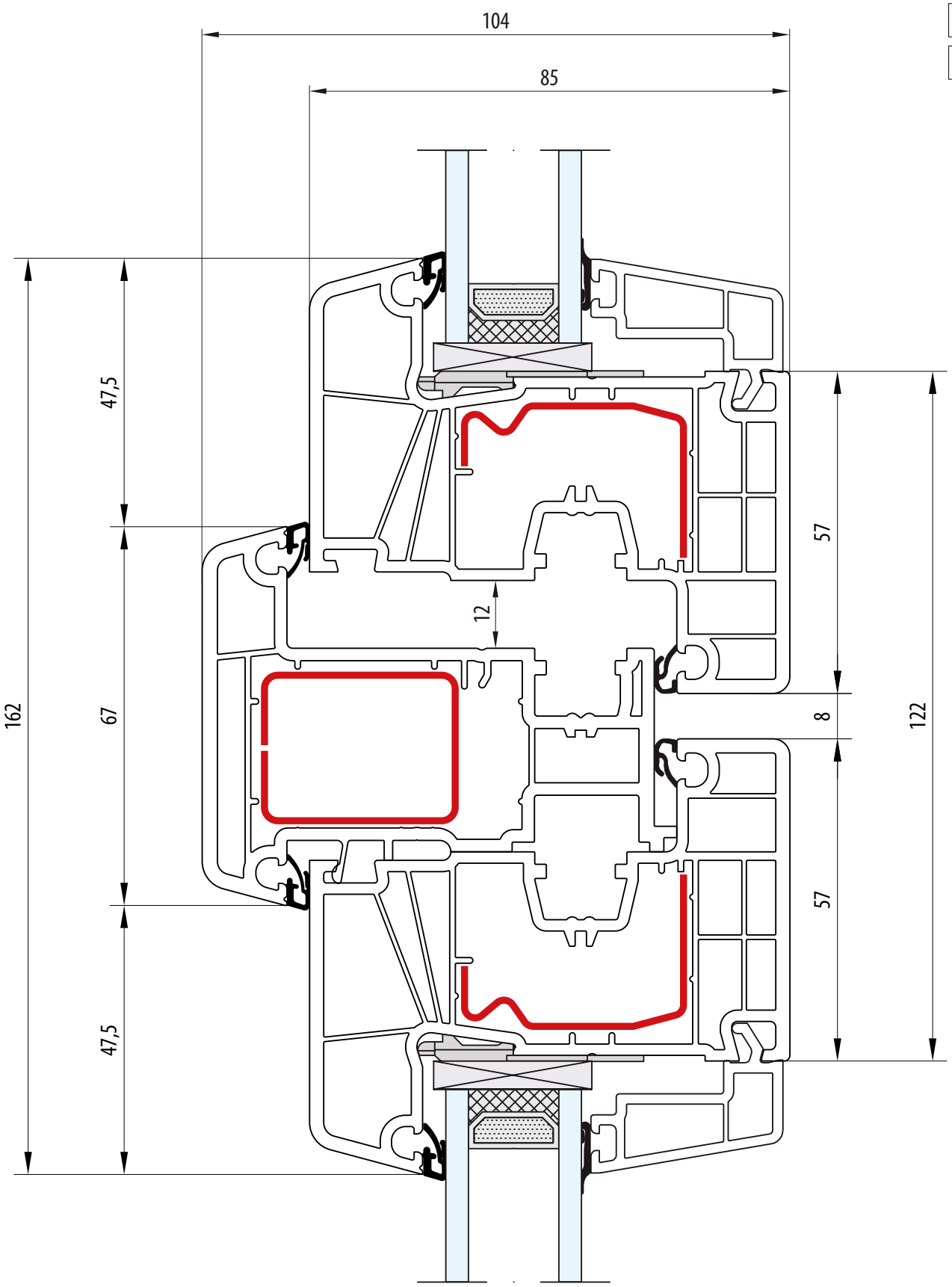


- Słupek stały: 84 mm · Skrzydło: 116 mm
- Meneau fixe: 84 mm · Vantail: 116 mm
- Fix post: 84 mm · Sash: 116 mm
- Festem Pfahl: 84 mm · Flügel: 116 mm
- Montante fisso: 84 mm · Anta: 116 mm
- Vaste stijl: 84 mm · Vleugel: 116 mm

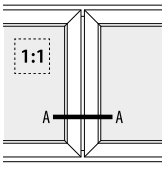


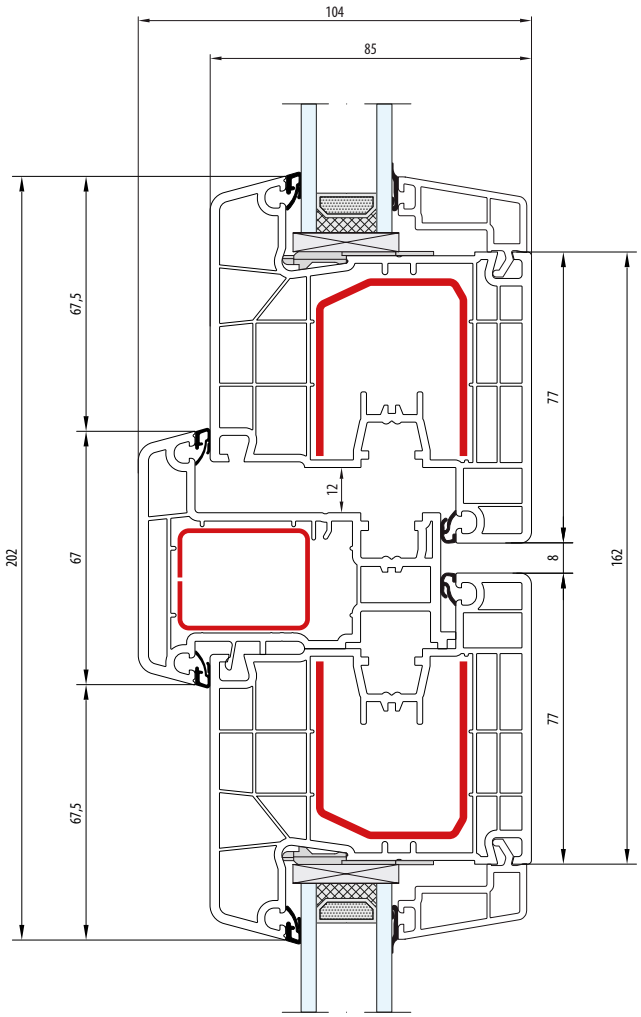
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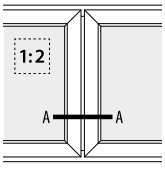


- Słupek ruchomy: 67 mm · Skrzydło: 77 mm
- Meneau mobile: 67 mm · Vantail: 77 mm
- Movable post: 67 mm · Sash: 77 mm
- Stulp: 67 mm · Flügel: 77 mm
- Montante mobile: 67 mm · Anta: 77 mm
- Verplaatsbare stijl: 67 mm · Vleugel: 77 mm



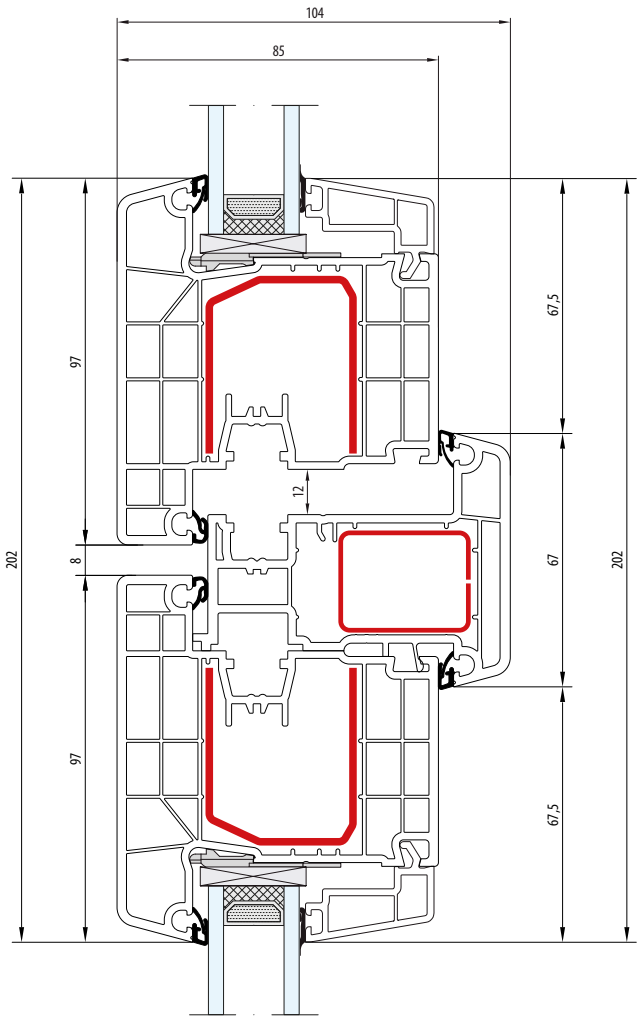


- Słupek ruchomy: 67 mm · Skrzydło: 97 mm
- Meneau mobile: 67 mm · Vantail: 97 mm
- Movable post: 67 mm · Sash: 97 mm
- Stulp: 67 mm · Flügel: 97 mm
- Montante mobile: 67 mm · Anta: 97 mm
- Verplaatsbare stijl: 67 mm · Vleugel: 97 mm

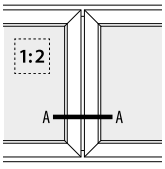


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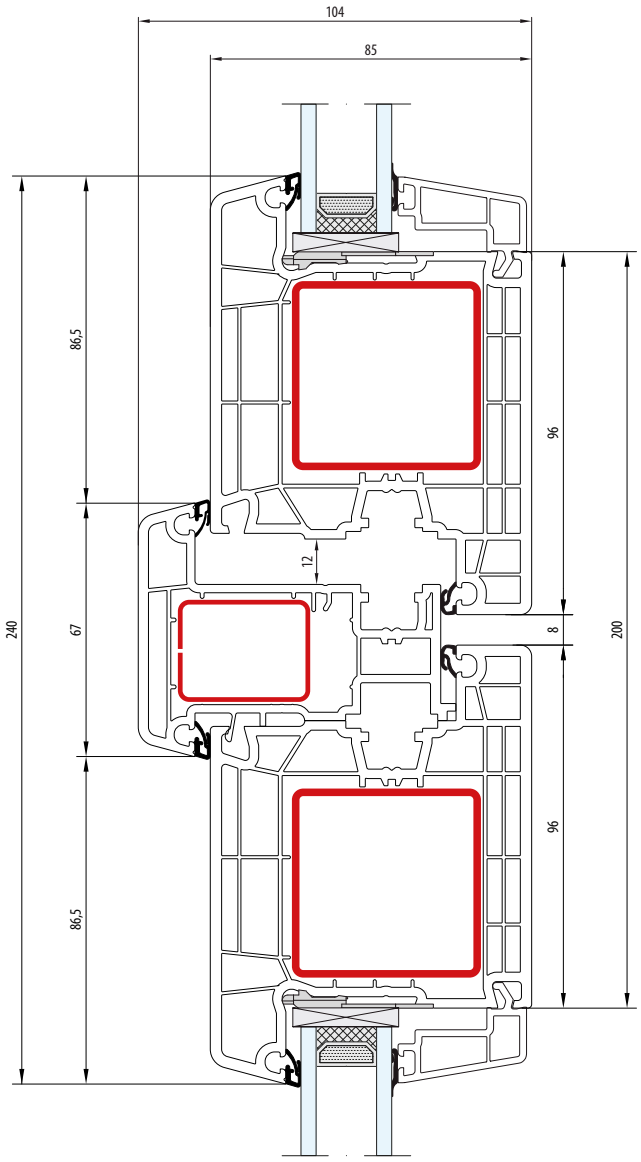


Słupek ruchomy: 67 mm · Skrzydło: 97 mm
Meneau mobile: 67 mm · Vantail: 97 mm
Movable post: 67 mm · Sash: 97 mm
Stulp: 67 mm · Flügel: 97 mm
Montante mobile: 67 mm · Anta: 97 mm
Verplaatsbare stijl: 67 mm · Vleugel: 97 mm

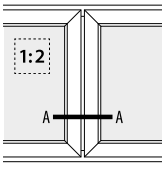


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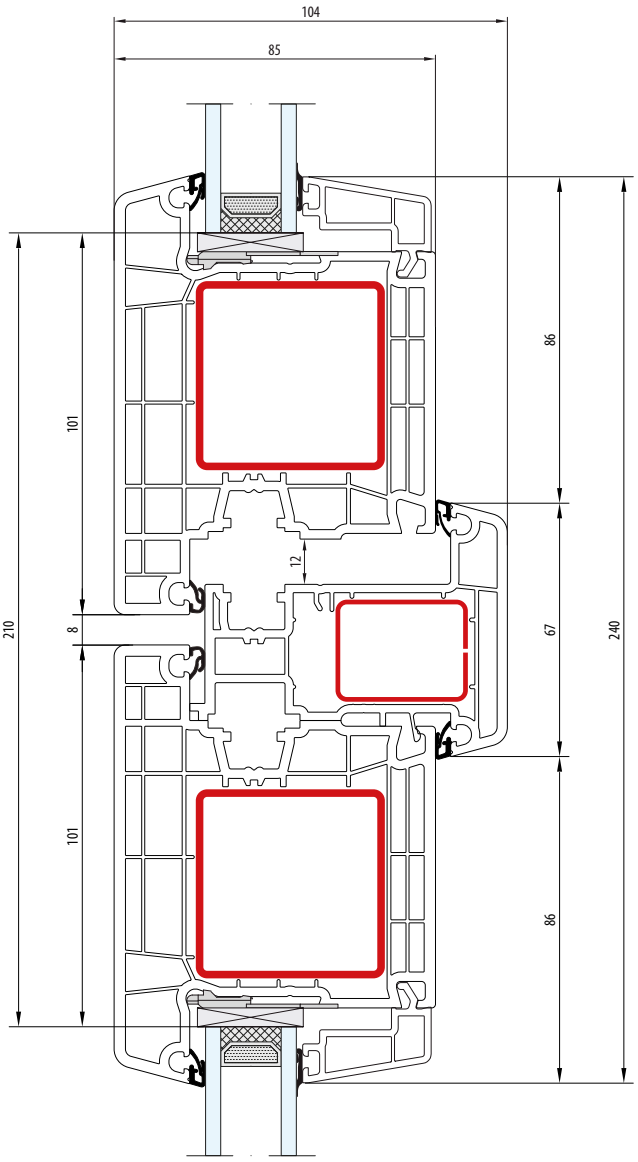


- Słupek ruchomy: 67 mm · Skrzydło: 116 mm
- Meneau mobile: 67 mm · Vantail: 116 mm
- Movable post: 67 mm · Sash: 116 mm
- Stulp: 67 mm · Flügel: 116 mm
- Montante mobile: 67 mm · Anta: 116 mm
- Verplaatsbare stijl: 67 mm · Vleugel: 116 mm

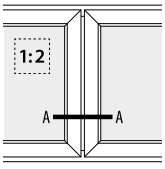


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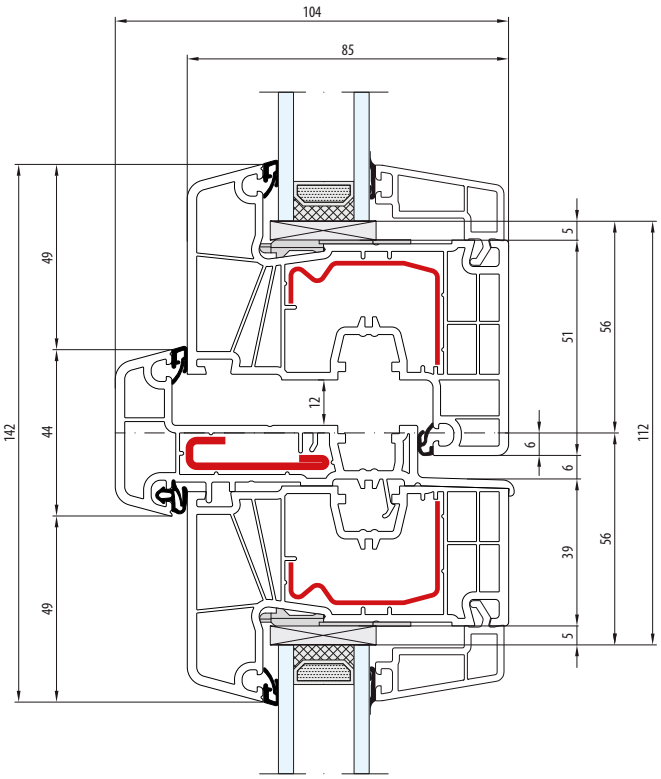


- Słupek ruchomy: 67 mm · Skrzydło: 116 mm
- Meneau mobile: 67 mm · Vantail: 116 mm
- Movable post: 67 mm · Sash: 116 mm
- Stulp: 67 mm · Flügel: 116 mm
- Montante mobile: 67 mm · Anta: 116 mm
- Verplaatsbare stijl: 67 mm · Vleugel: 116 mm

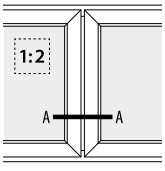


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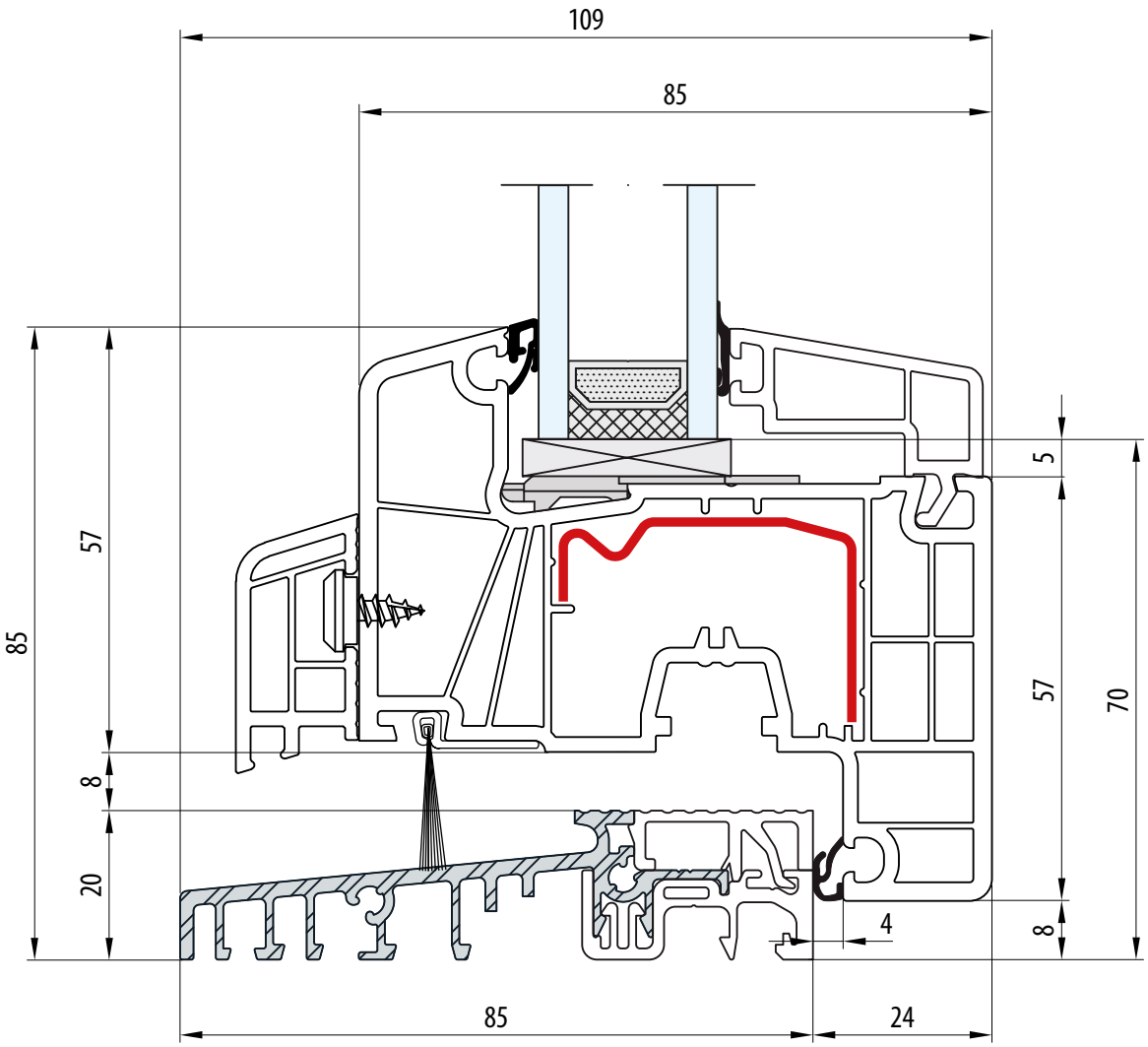


- Słupek ruchomy: 44 mm · Skrzydło: 77 mm
- Meneau mobile: 44 mm · Vantail: 77 mm
- Movable post: 44 mm · Sash: 77 mm
- Stulp: 44 mm · Flügel: 77 mm
- Montante mobile: 44 mm · Anta: 77 mm
- Verplaatsbare stijl: 44 mm · Vleugel: 77 mm

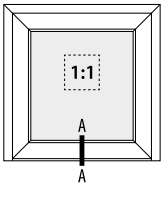


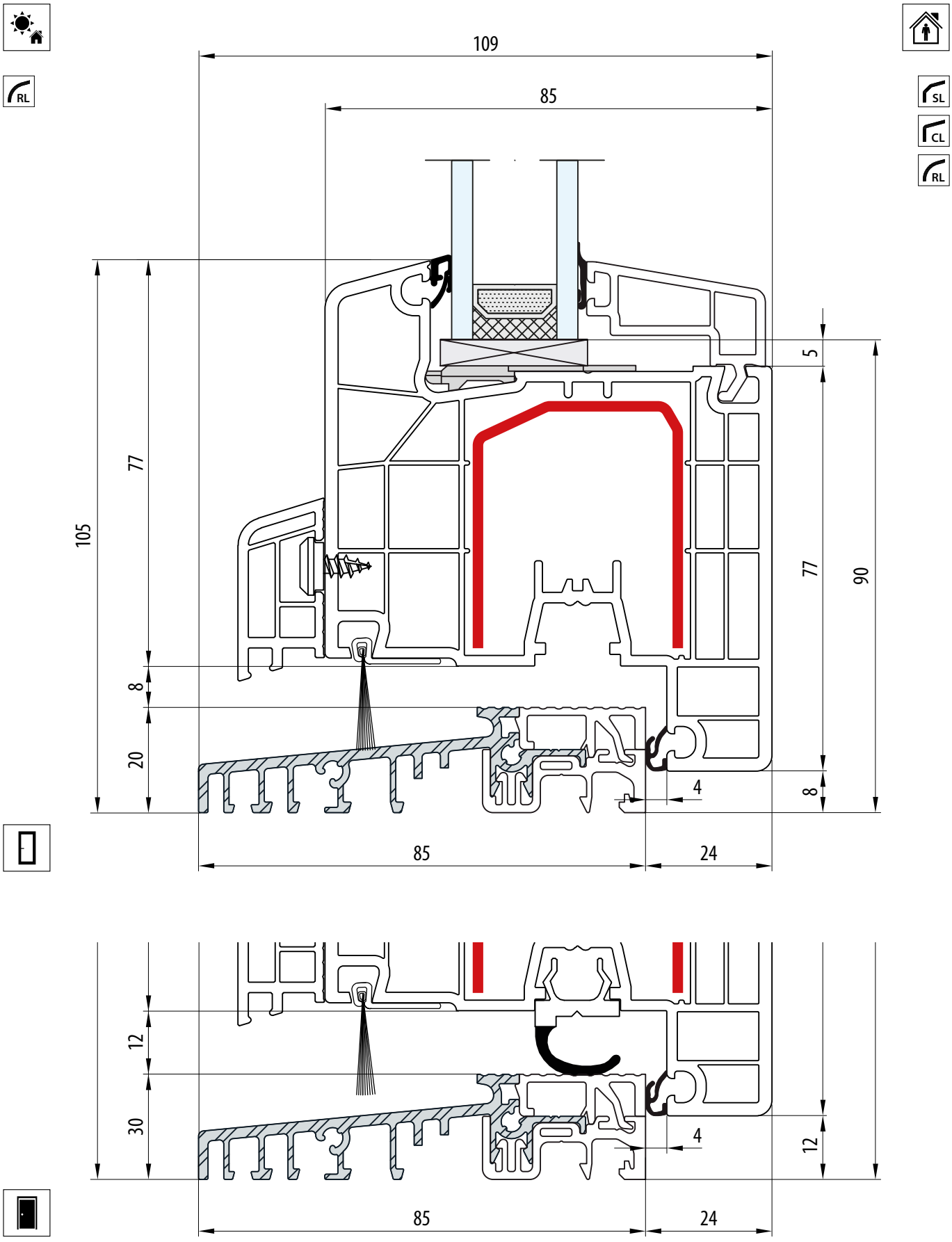
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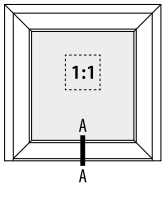


Próg: 20 mm · Skrzydło: 77 mm
Seuil: 20 mm · Vantail: 77 mm
Threshold: 20 mm · Sash: 77 mm
Schwelle: 20 mm · Flügel: 77 mm
Soglia: 20 mm · Anta: 77 mm
Dorpel: 20 mm · Vleugel: 77 mm



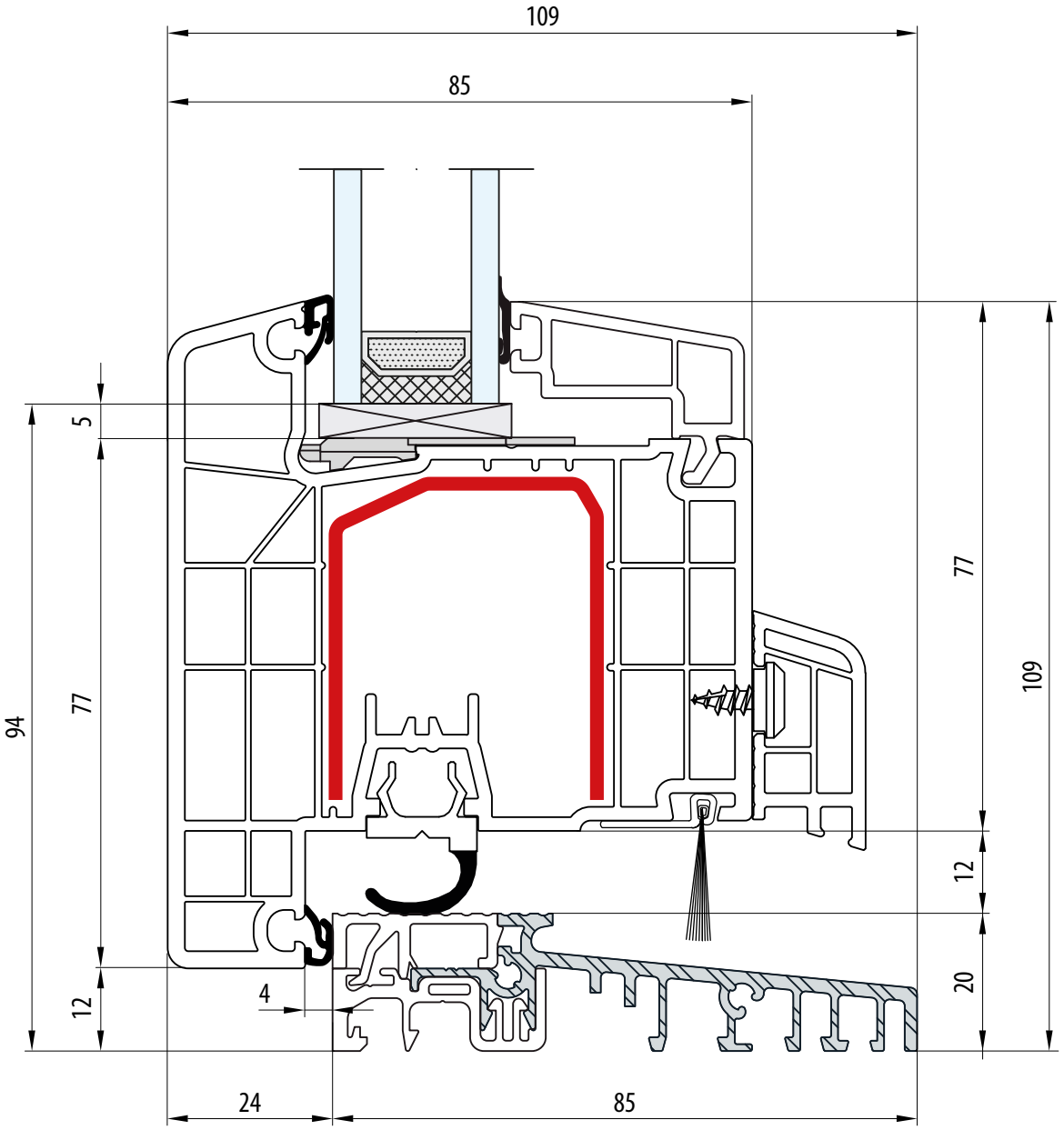


Próg: 20 mm · Skrzydło: 97 mm
Seuil: 20 mm · Vantail: 97 mm
Threshold: 20 mm · Sash: 97 mm
Schwelle: 20 mm · Flügel: 97 mm
Soglia: 20 mm · Anta: 97 mm
Dorpel: 20 mm · Vleugel: 97 mm

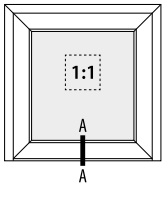


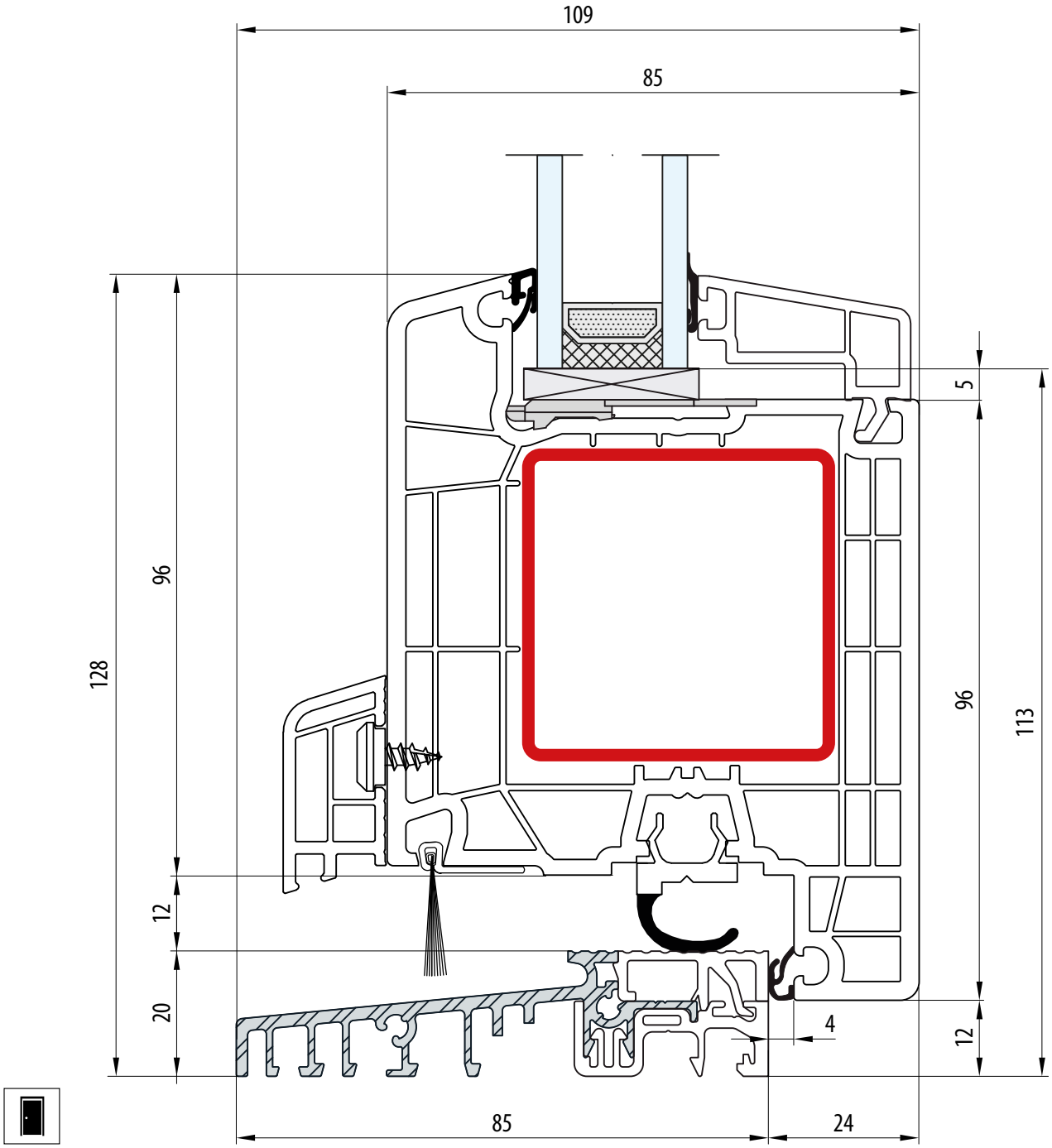
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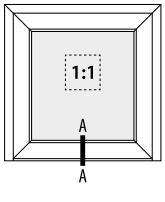


Próg: 20 mm · Skrzydło: 97 mm
Seuil: 20 mm · Vantail: 97 mm
Threshold: 20 mm · Sash: 97 mm
Schwelle: 20 mm · Flügel: 97 mm
Soglia: 20 mm · Anta: 97 mm
Dorpel: 20 mm · Vleugel: 97 mm



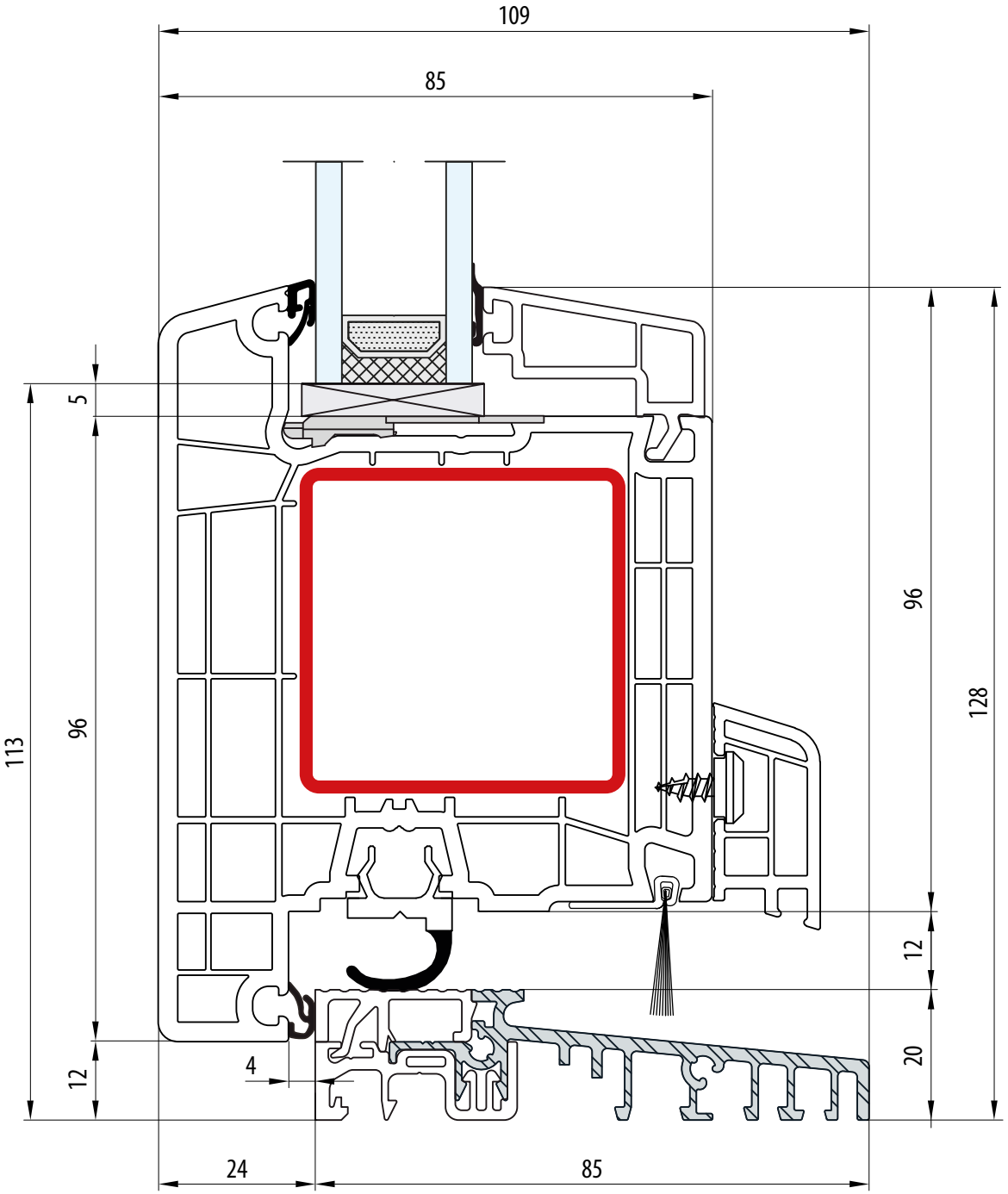


Próg: 20 mm · Skrzydło: 116 mm
Seuil: 20 mm · Vantail: 116 mm
Threshold: 20 mm · Sash: 116 mm
Schwelle: 20 mm · Flügel: 116 mm
Soglia: 20 mm · Anta: 116 mm
Dorpel: 20 mm · Vleugel: 116 mm

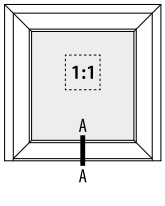


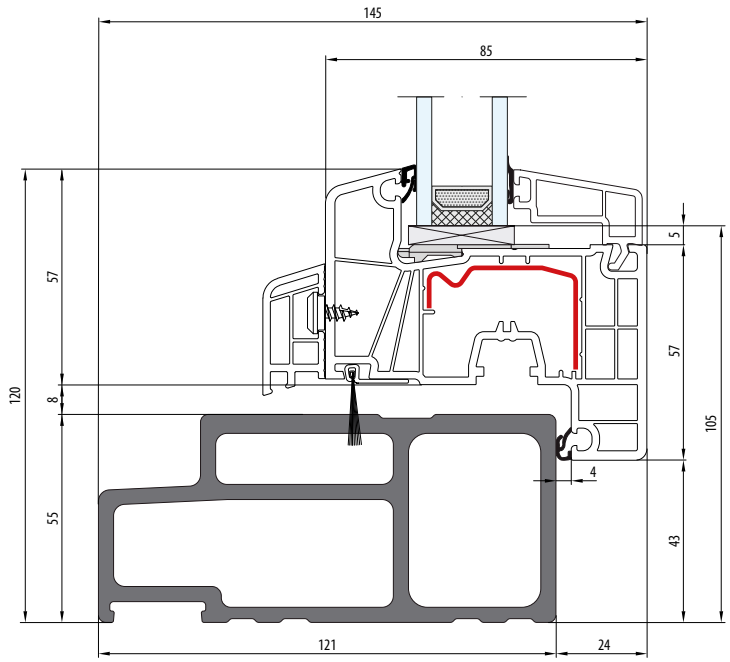
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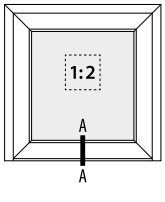


Próg: 20 mm · Skrzydło: 116 mm
Seuil: 20 mm · Vantail: 116 mm
Threshold: 20 mm · Sash: 116 mm
Schwelle: 20 mm · Flügel: 116 mm
Soglia: 20 mm · Anta: 116 mm
Dorpel: 20 mm · Vleugel: 116 mm



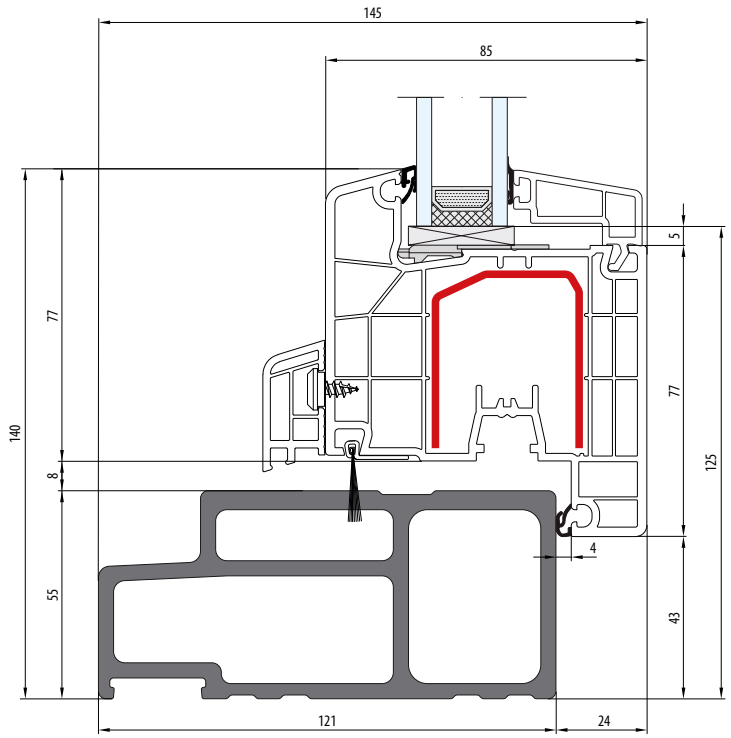


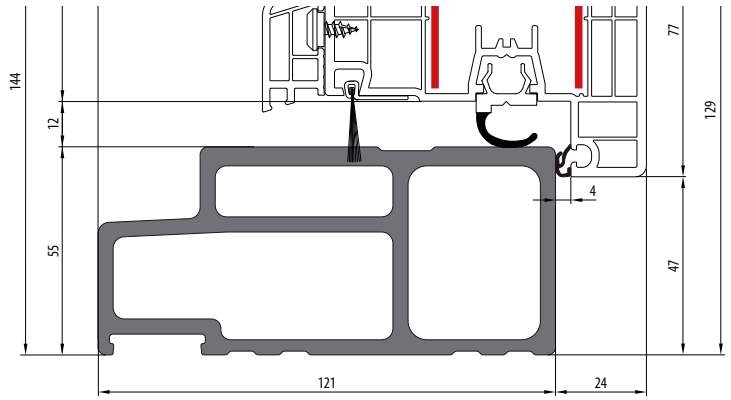
- Próg: 55 mm · Skrzydło: 77 mm
- Seuil: 55 mm · Vantail: 77 mm
- Threshold: 55 mm · Sash: 77 mm
- Schwelle: 55 mm · Flügel: 77 mm
- Soglia: 55 mm · Anta: 77 mm
- Dorpel: 55 mm · Vleugel: 77 mm



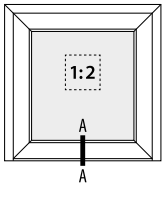
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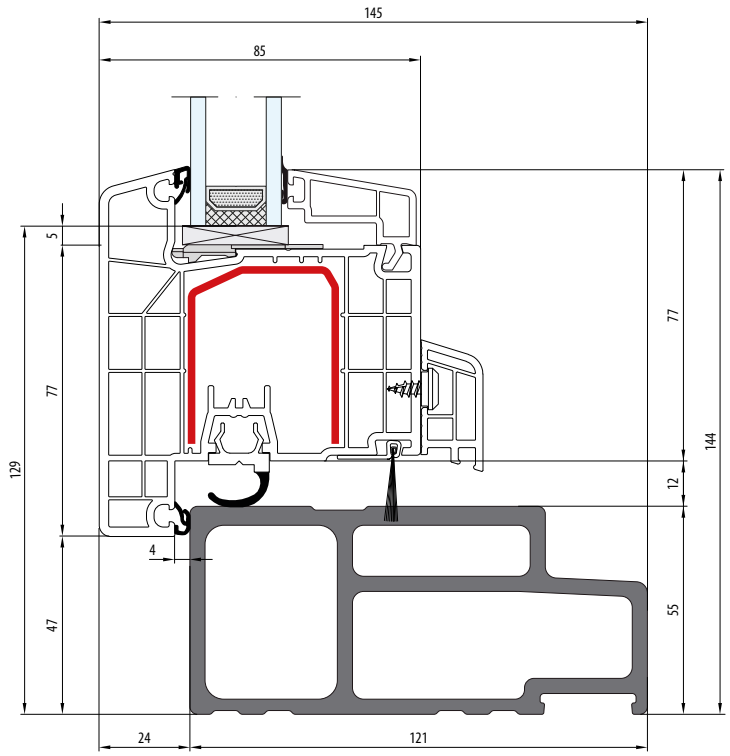
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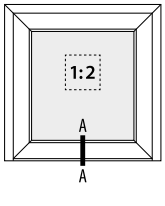


Próg: 55 mm · Skrzydło: 97 mm
Seuil: 55 mm · Vantail: 97 mm
Threshold: 55 mm · Sash: 97 mm
Schwelle: 55 mm · Flügel: 97 mm
Soglia: 55 mm · Anta: 97 mm
Dorpel: 55 mm · Vleugel: 97 mm



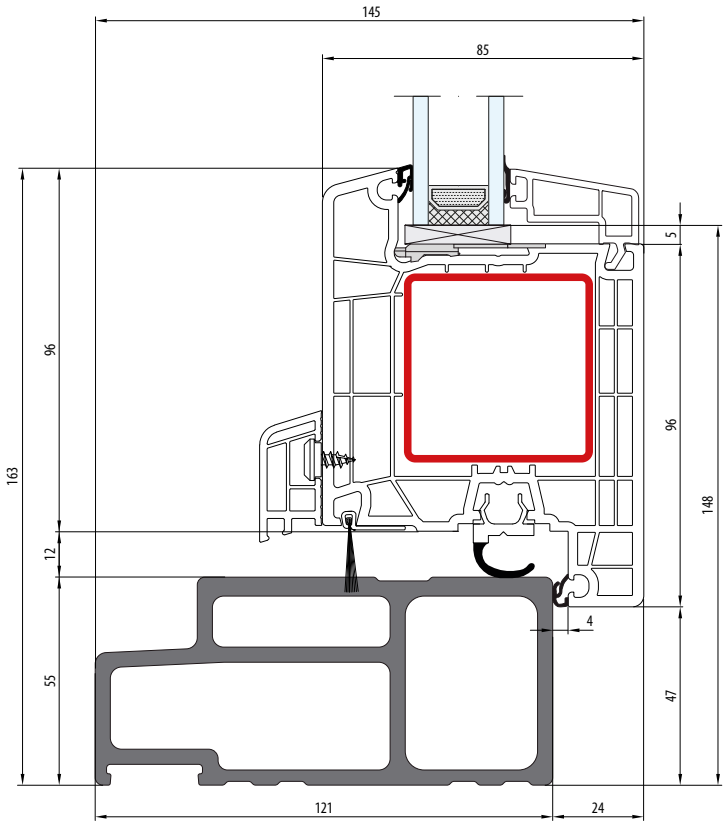


- Próg: 55 mm · Skrzydło: 97 mm
- Seuil: 55 mm · Vantail: 97 mm
- Threshold: 55 mm · Sash: 97 mm
- Schwelle: 55 mm · Flügel: 97 mm
- Soglia: 55 mm · Anta: 97 mm
- Dorpel: 55 mm · Vleugel: 97 mm

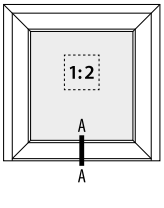


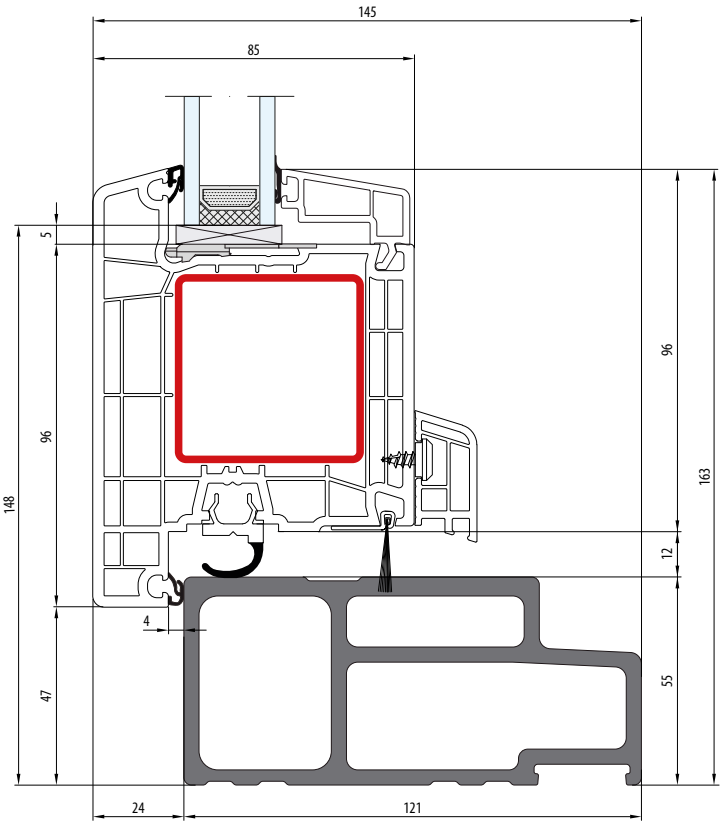
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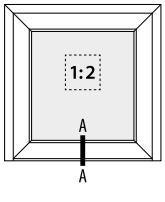


- Próg: 55 mm · Skrzydło: 116 mm
- Seuil: 55 mm · Vantail: 116 mm
- Threshold: 55 mm · Sash: 116 mm
- Schwelle: 55 mm · Flügel: 116 mm
- Soglia: 55 mm · Anta: 116 mm
- Dorpel: 55 mm · Vleugel: 116 mm



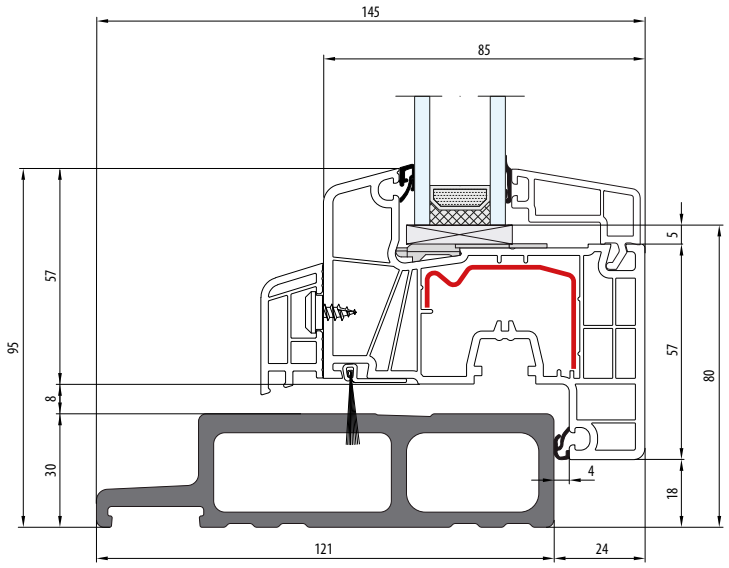


Próg: 55 mm · Skrzydło: 116 mm
Seuil: 55 mm · Vantail: 116 mm
Threshold: 55 mm · Sash: 116 mm
Schwelle: 55 mm · Flügel: 116 mm
Soglia: 55 mm · Anta: 116 mm
Dorpel: 55 mm · Vleugel: 116 mm

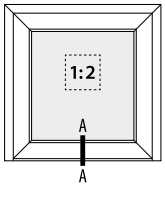


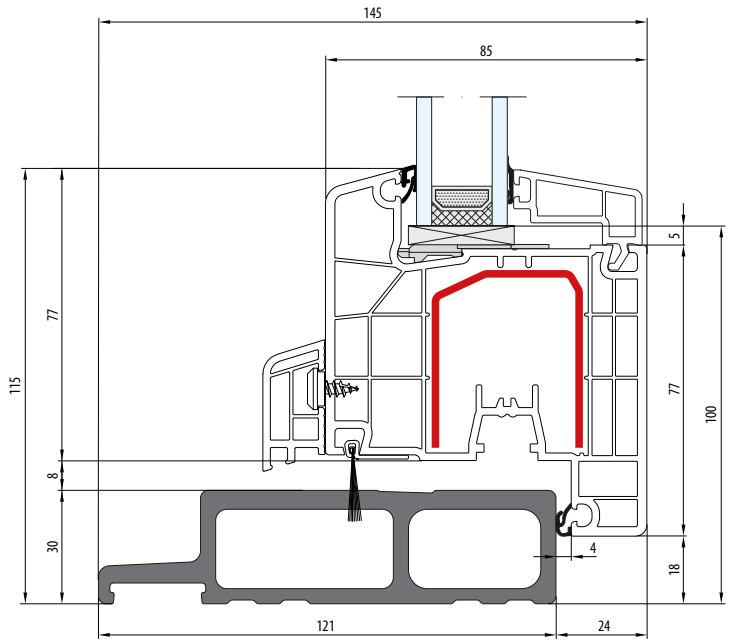
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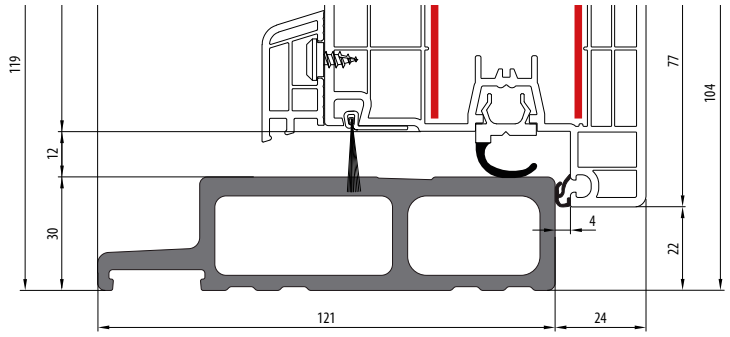
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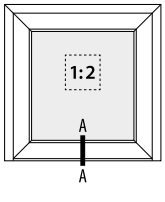
Próg: 30 mm · Skrzydło: 77 mm
Seuil: 30 mm · Vantail: 77 mm
Threshold: 30 mm · Sash: 77 mm
Schwelle: 30 mm · Flügel: 77 mm
Soglia: 30 mm · Anta: 77 mm
Dorpel: 30 mm · Vleugel: 77 mm





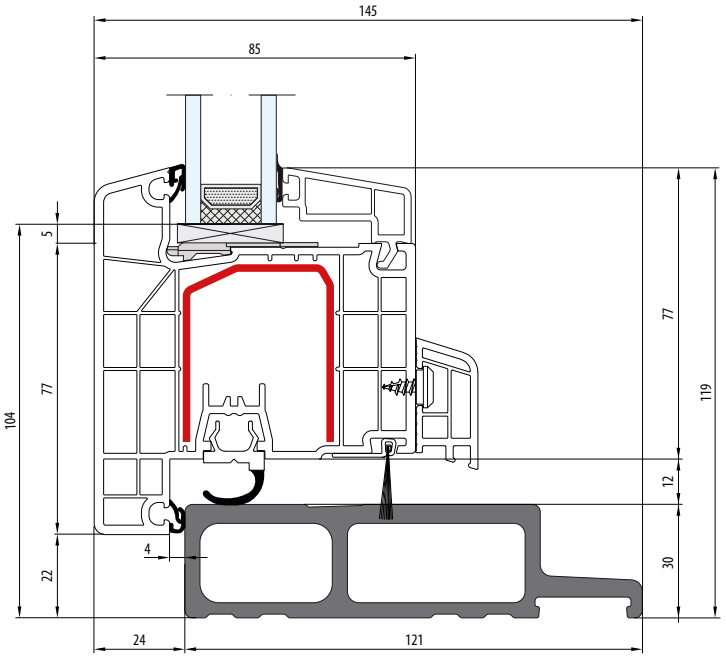


- Próg: 30 mm · Skrzydło: 97 mm
- Seuil: 30 mm · Vantail: 97 mm
- Threshold: 30 mm · Sash: 97 mm
- Schwelle: 30 mm · Flügel: 97 mm
- Soglia: 30 mm · Anta: 97 mm
- Dorpel: 30 mm · Vleugel: 97 mm

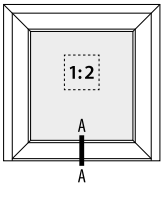


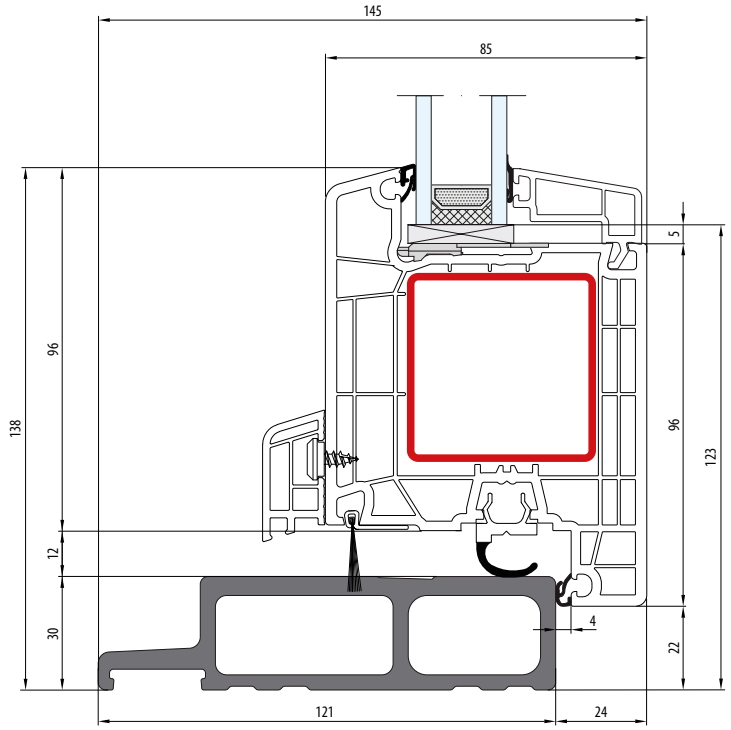
CL

SL
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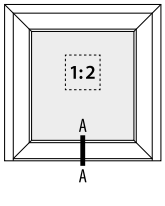


- Próg: 30 mm · Skrzydło: 97 mm
- Seuil: 30 mm · Vantail: 97 mm
- Threshold: 30 mm · Sash: 97 mm
- Schwelle: 30 mm · Flügel: 97 mm
- Soglia: 30 mm · Anta: 97 mm
- Dorpel: 30 mm · Vleugel: 97 mm



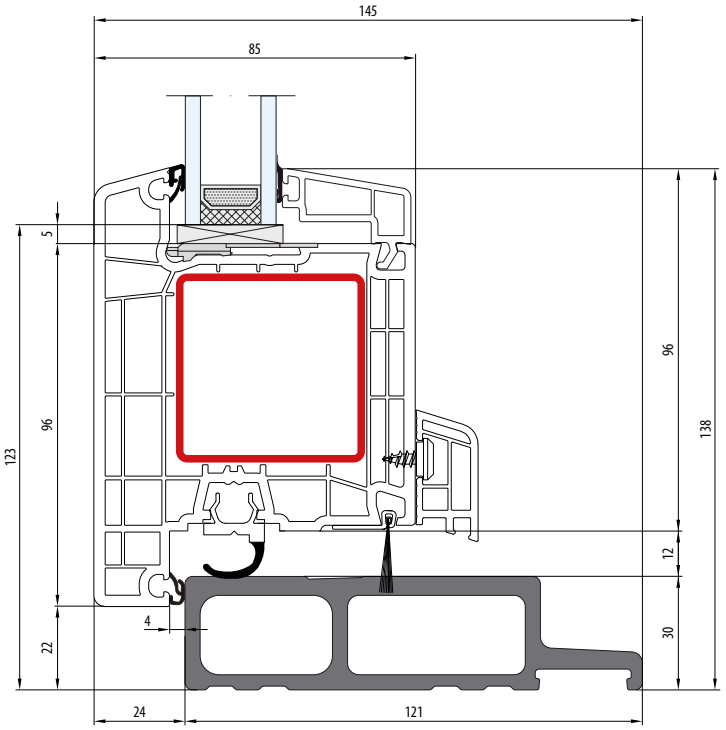


- Próg: 30 mm · Skrzydło: 116 mm
- Seuil: 30 mm · Vantail: 116 mm
- Threshold: 30 mm · Sash: 116 mm
- Schwelle: 30 mm · Flügel: 116 mm
- Soglia: 30 mm · Anta: 116 mm
- Dorpel: 30 mm · Vleugel: 116 mm

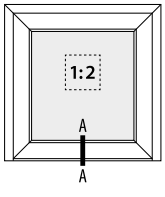


CL

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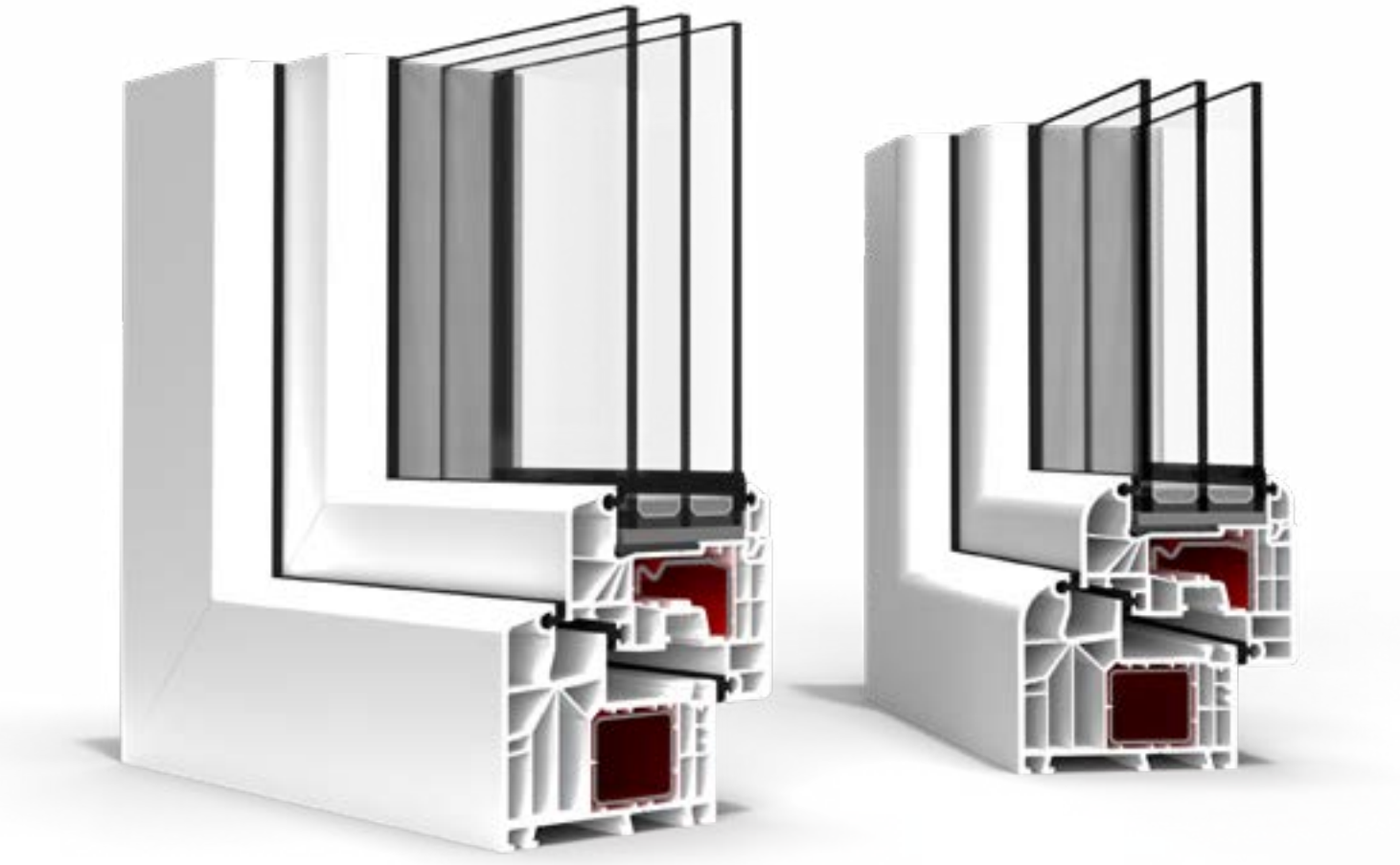
- Próg: 30 mm · Skrzydło: 116 mm
- Seuil: 30 mm · Vantail: 116 mm
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- Schwelle: 30 mm · Flügel: 116 mm
- Soglia: 30 mm · Anta: 116 mm
- Dorpel: 30 mm · Vleugel: 116 mm

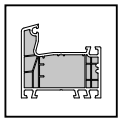




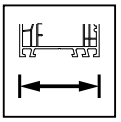


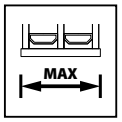
IDEAL 8000



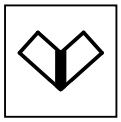

6


3


85



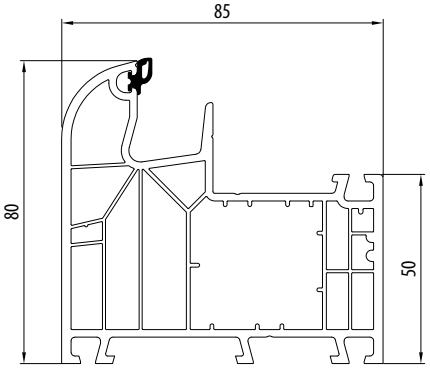
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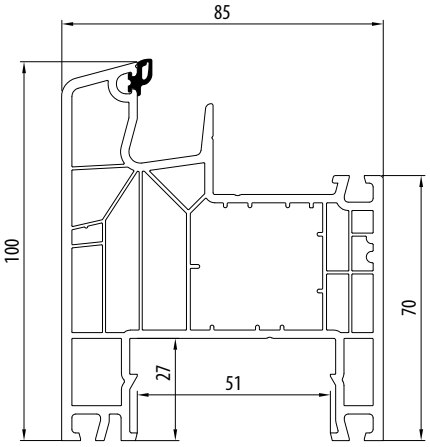


ALU

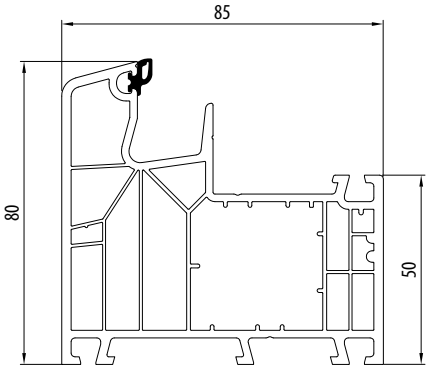




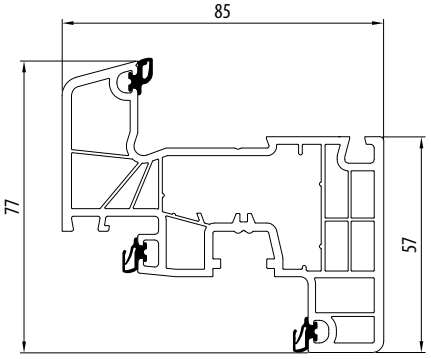
RL 180x03



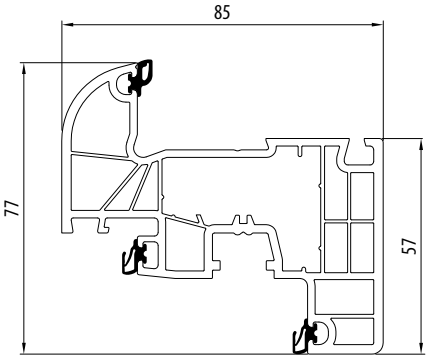
CL ALU 180x04



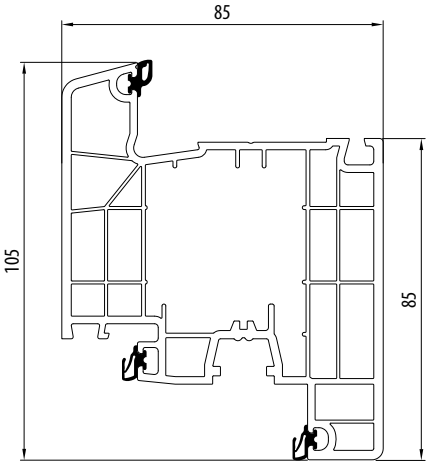
CL ALU 180x05



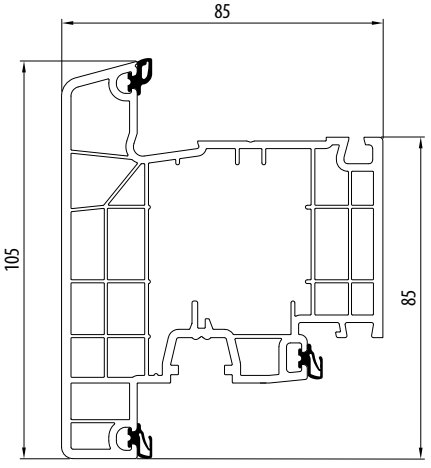
CL 180x20



RL 180x22

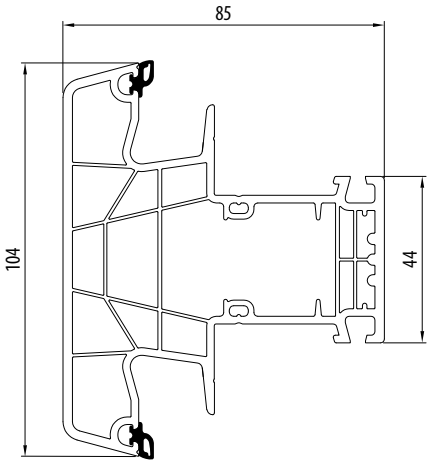


CL ALU 180x30

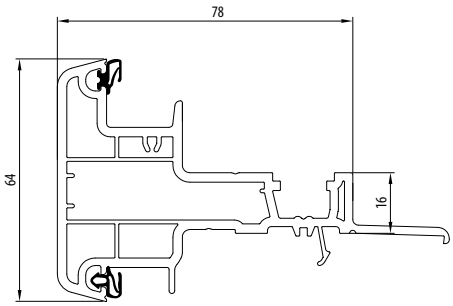


CL 180x31

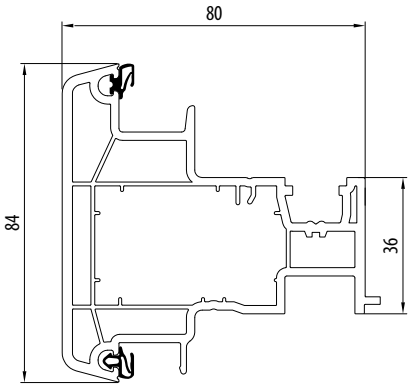
1:2



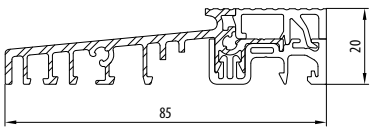
180x44



180x64



180x66

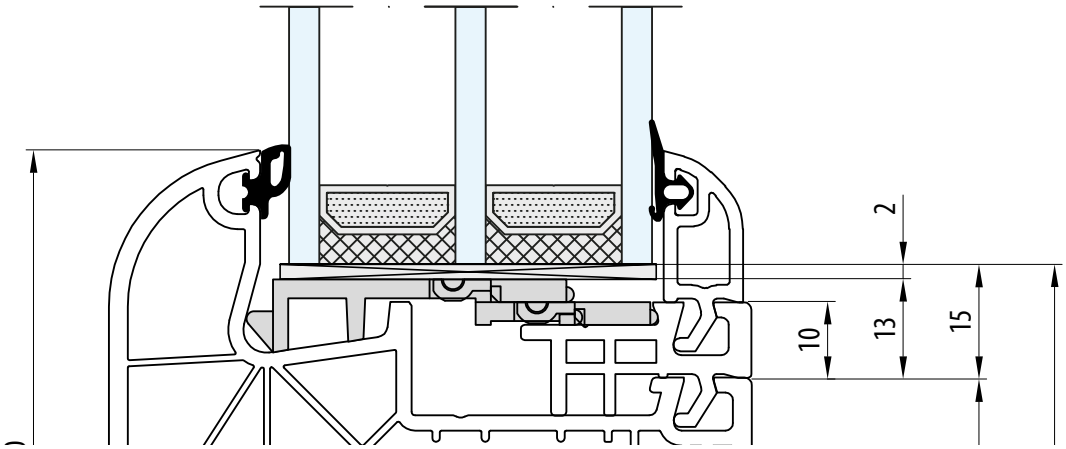


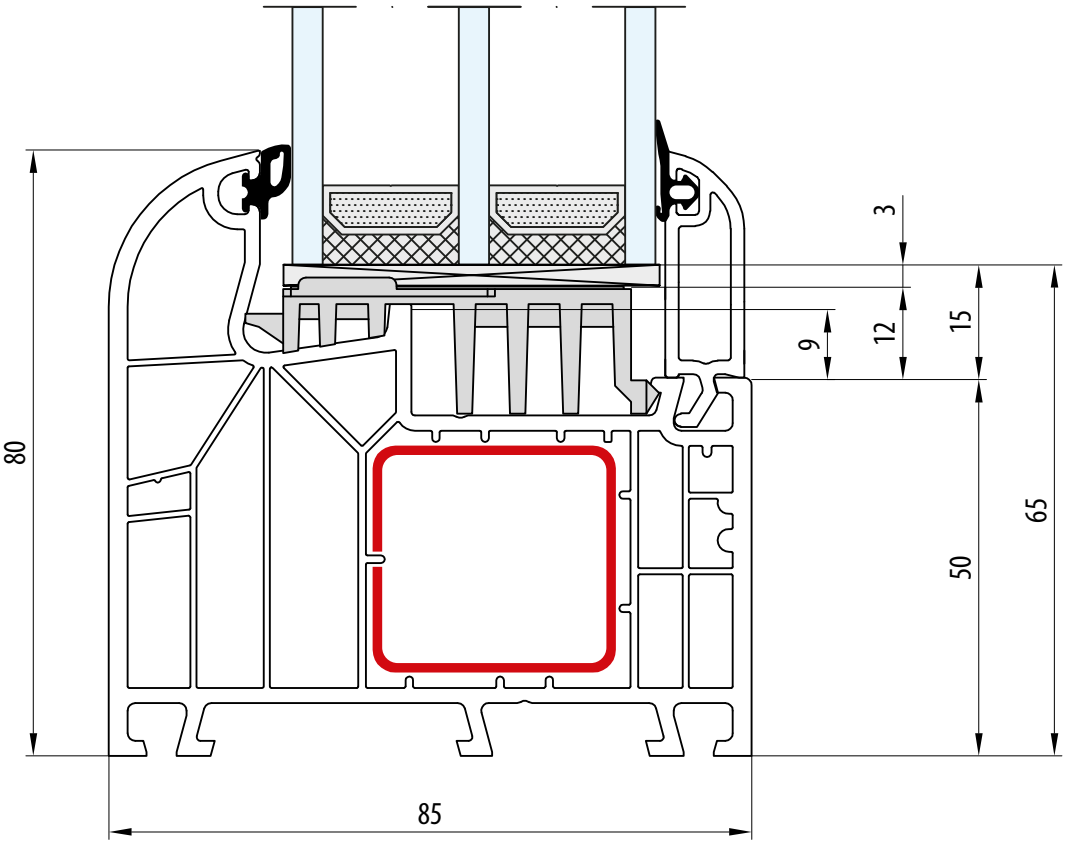
alu - 20 mm

1:2

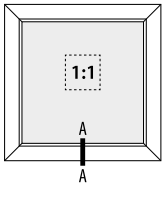
RL

SL
CL
RL



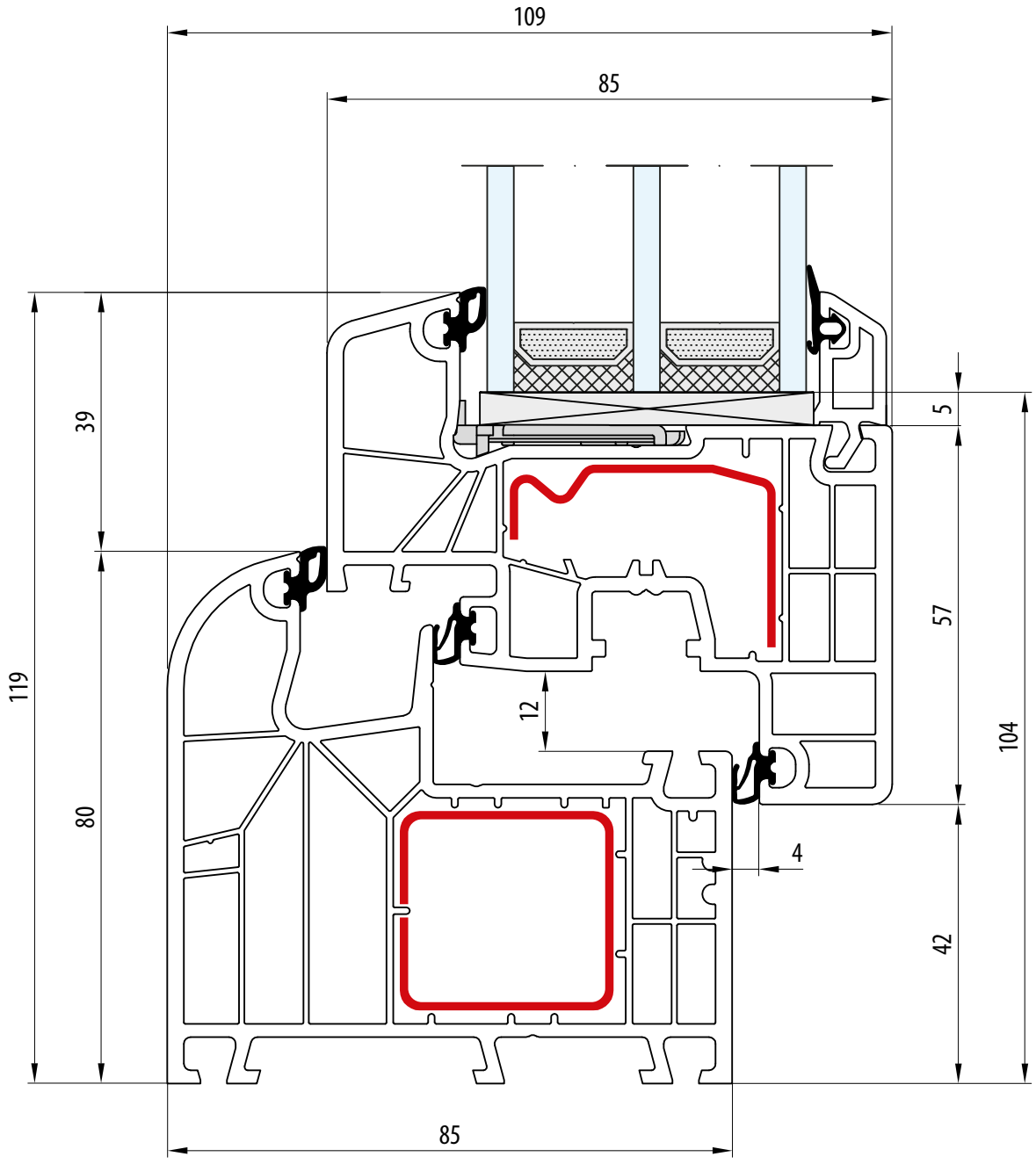


Rama: 80 mm
Dormant: 80 mm
Frame: 80 mm
Rahmen: 80 mm
Telaio: 80 mm
Kader : 80 mm

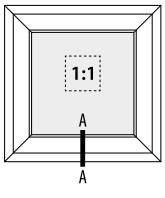


CL

SL CL RL

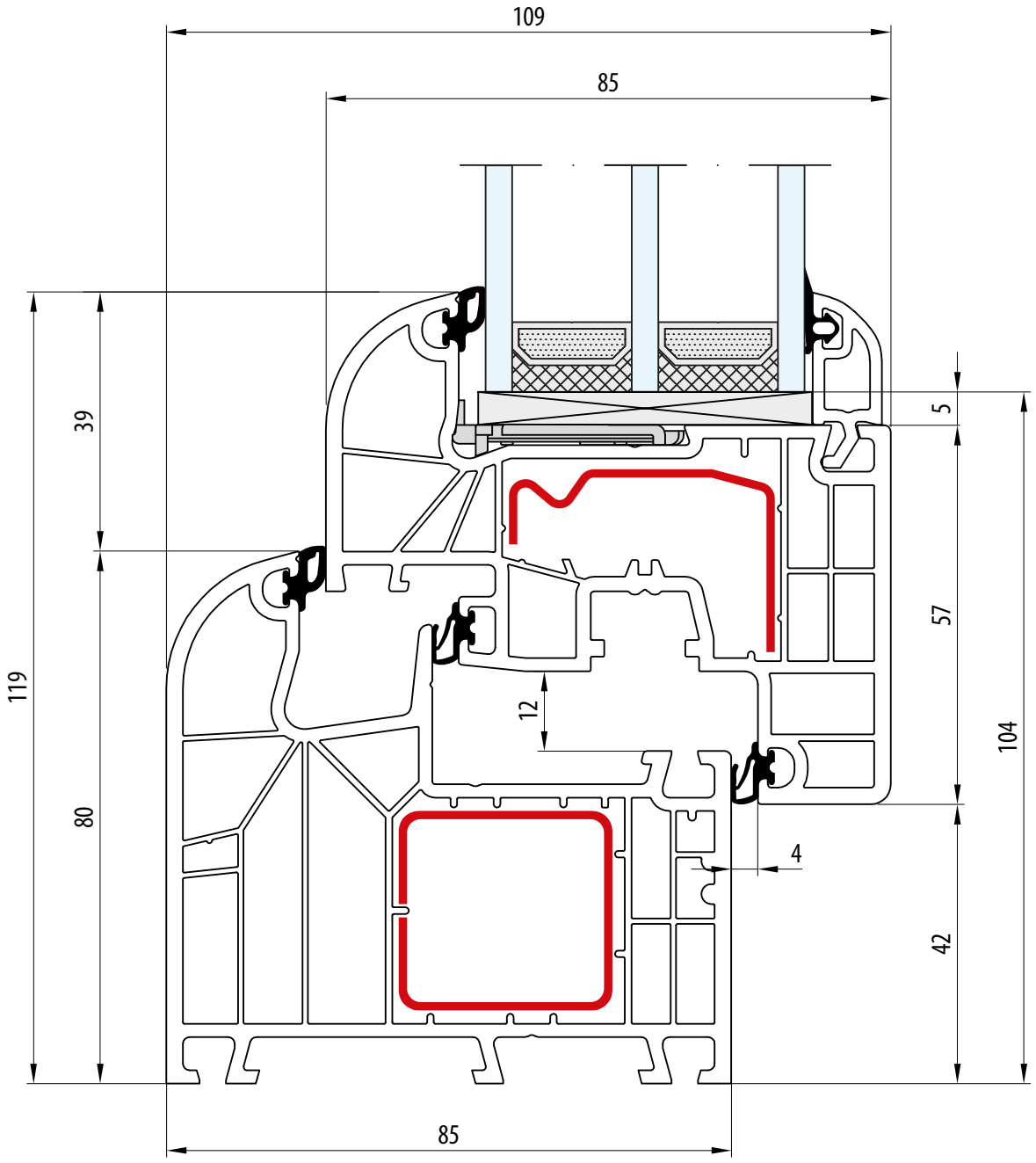


Rama: 80 mm · Skrzydło: 77 mm
Dormant: 80 mm · Vantail: 77 mm
Frame: 80 mm · Sash: 77 mm
Rahmen: 80 mm · Flügel: 77 mm
Telaio: 80 mm · Anta: 77 mm
Kader: 80 mm · Vleugel: 77 mm

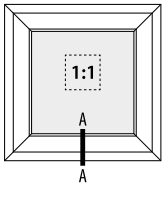


RL

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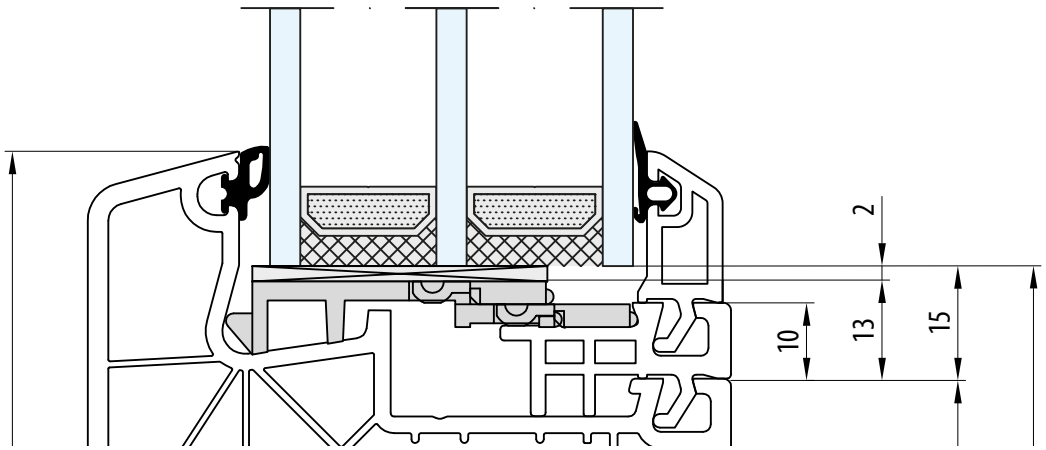


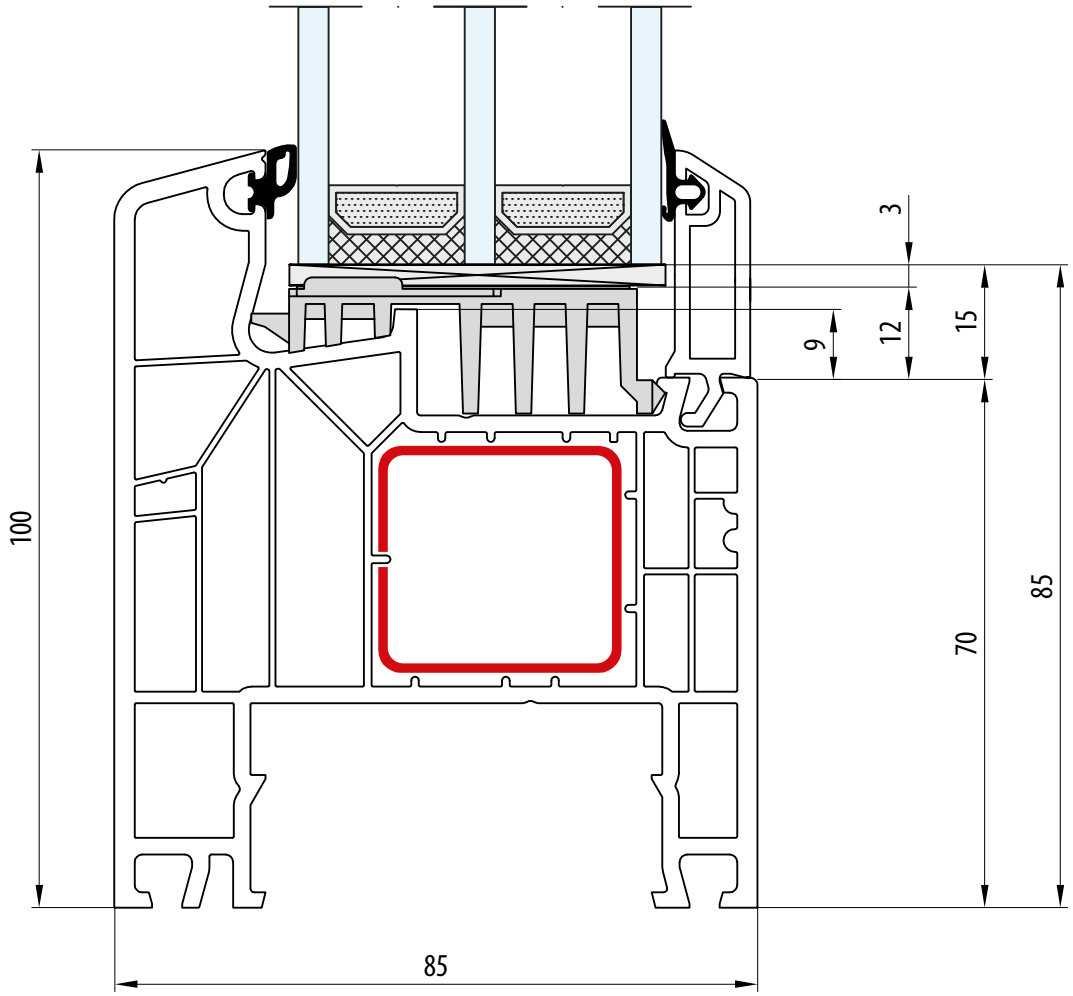
- Rama: 80 mm · Skrzydło: 77 mm
- Dormant: 80 mm · Vantail: 77 mm
- Frame: 80 mm · Sash: 77 mm
- Rahmen: 80 mm · Flügel: 77 mm
- Telaio: 80 mm · Anta: 77 mm
- Kader: 80 mm · Vleugel: 77 mm



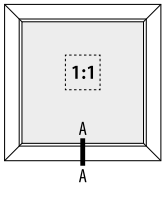
CL

SL
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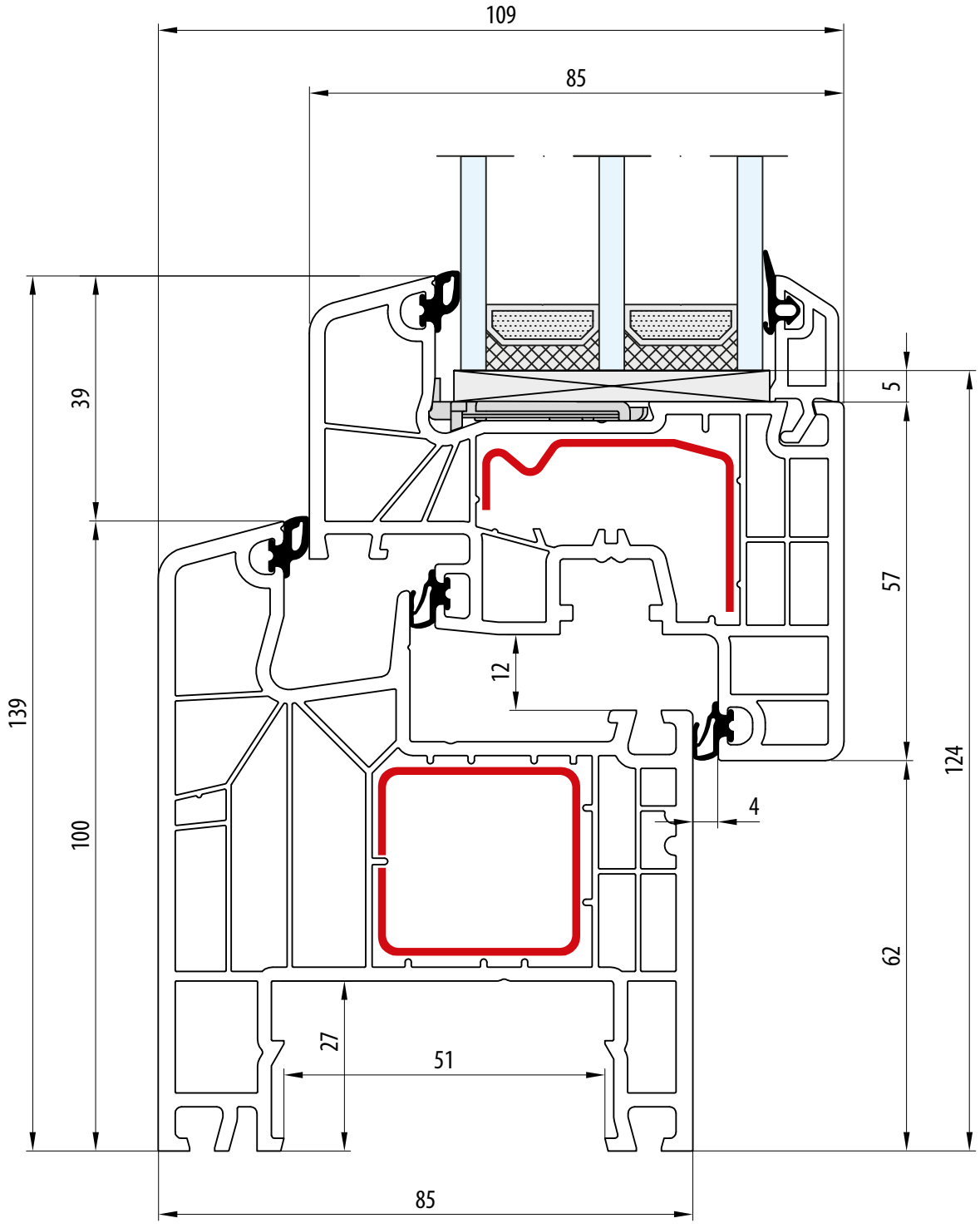


- Rama: 100 mm
- Dormant: 100 mm
- Frame: 100 mm
- Rahmen: 100 mm
- Telaio: 100 mm
- Kader: 100 mm

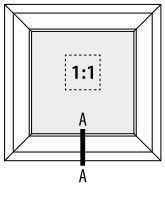


CL

SL
CL
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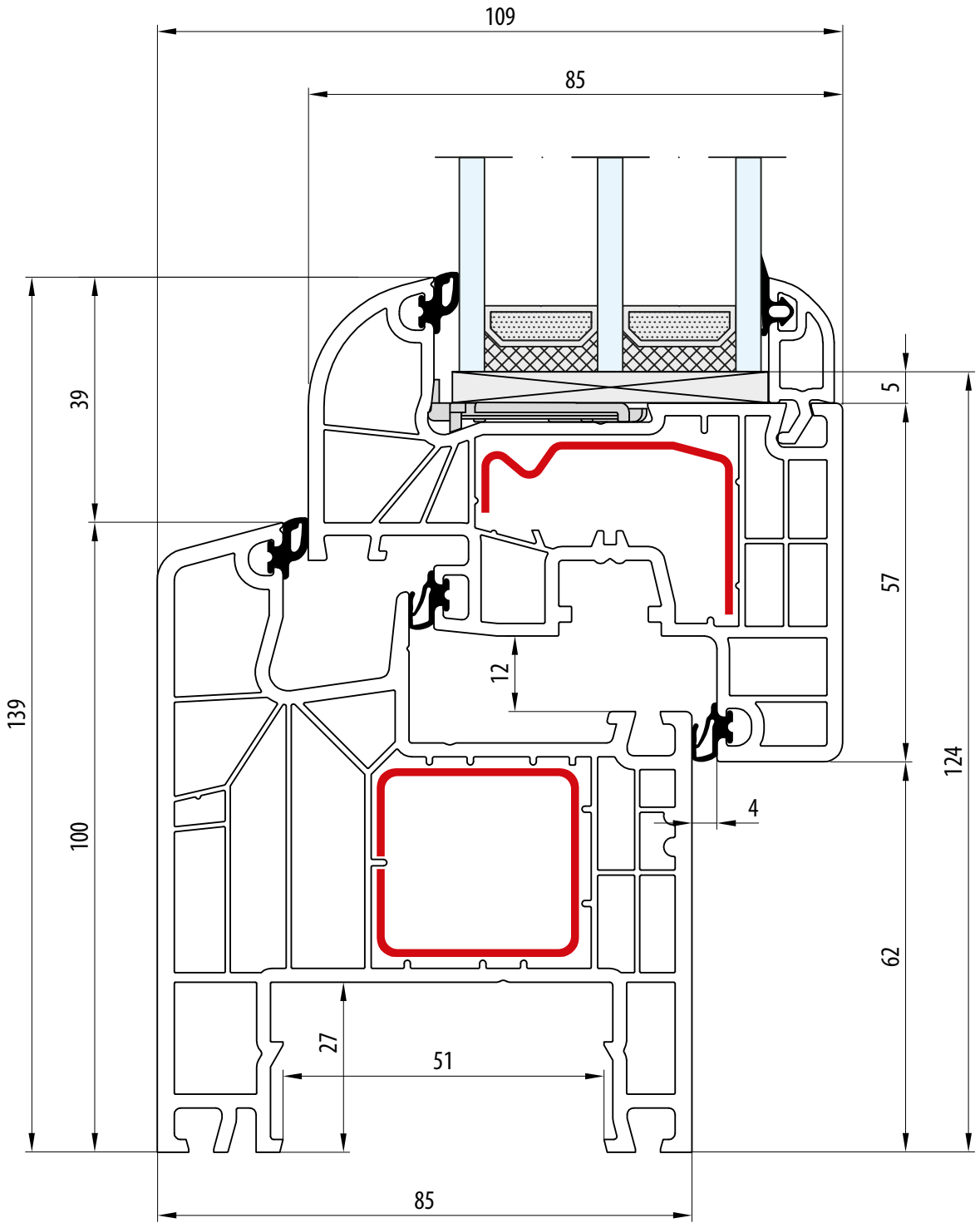


Rama: 100 mm · Skrzydło: 77 mm
Dormant: 100 mm · Vantail: 77 mm
Frame: 100 mm · Sash: 77 mm
Rahmen: 100 mm · Flügel: 77 mm
Telaio: 100 mm · Anta: 77 mm
Kader: 100 mm · Vleugel: 77 mm

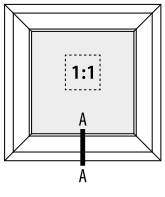


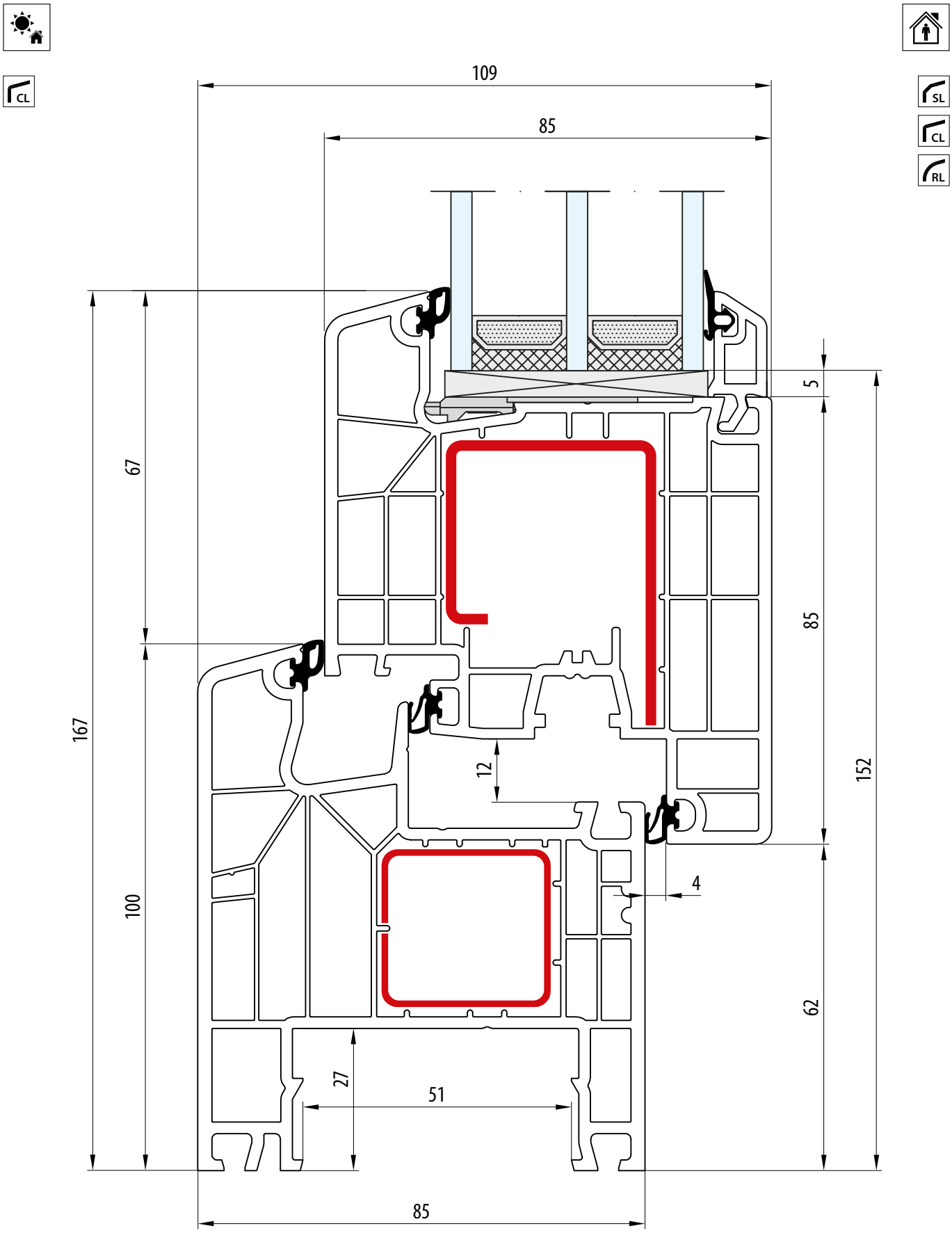
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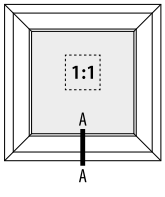


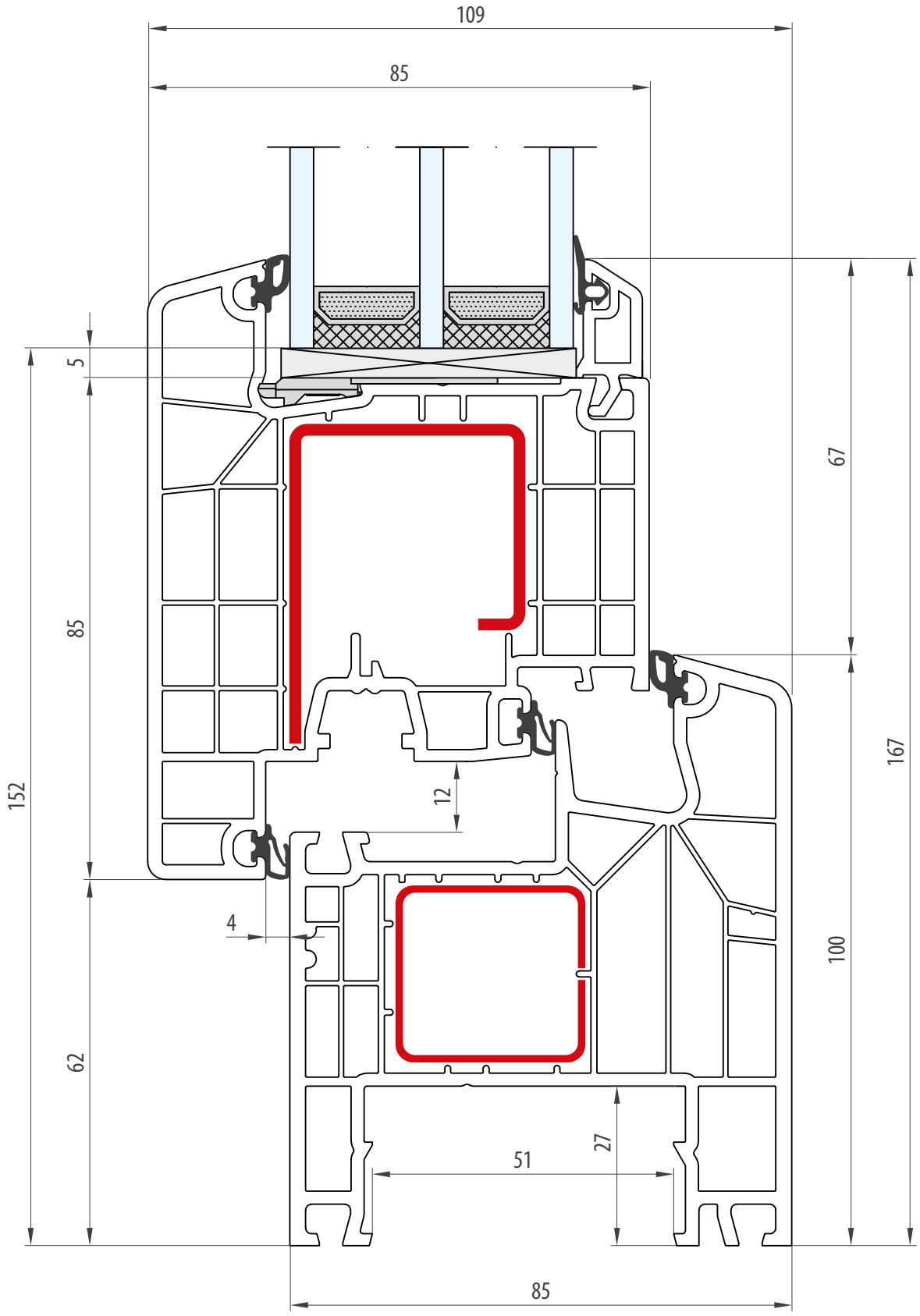
- Rama: 100 mm · Skrzydło: 77 mm
- Dormant: 100 mm · Vantail: 77 mm
- Frame: 100 mm · Sash: 77 mm
- Rahmen: 100 mm · Flügel: 77 mm
- Telaio: 100 mm · Anta: 77 mm
- Kader: 100 mm · Vleugel: 77 mm



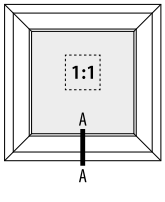


Rama: 100 mm · Skrzydło: 105 mm
Dormant: 100 mm · Vantail: 105 mm
Frame: 100 mm · Sash: 105 mm
Rahmen: 100 mm · Flügel: 105 mm
Telaio: 100 mm · Anta: 105 mm
Kader: 100 mm · Vleugel: 105 mm



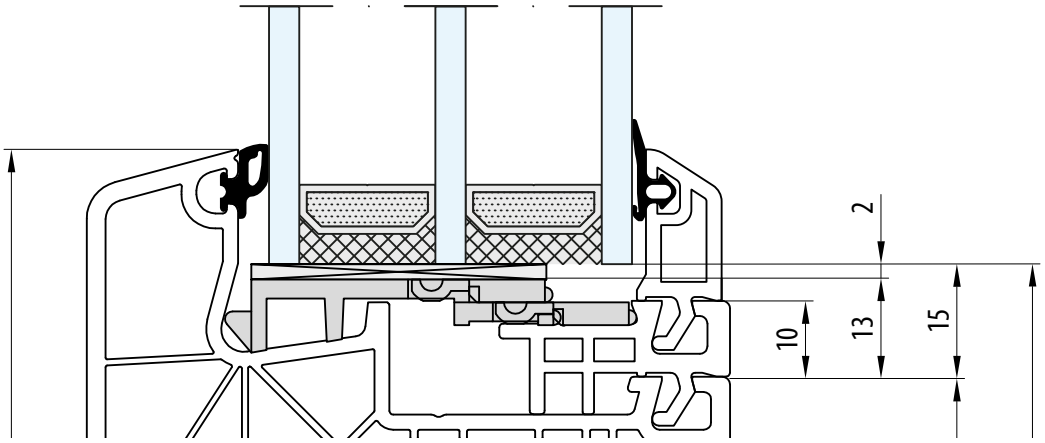


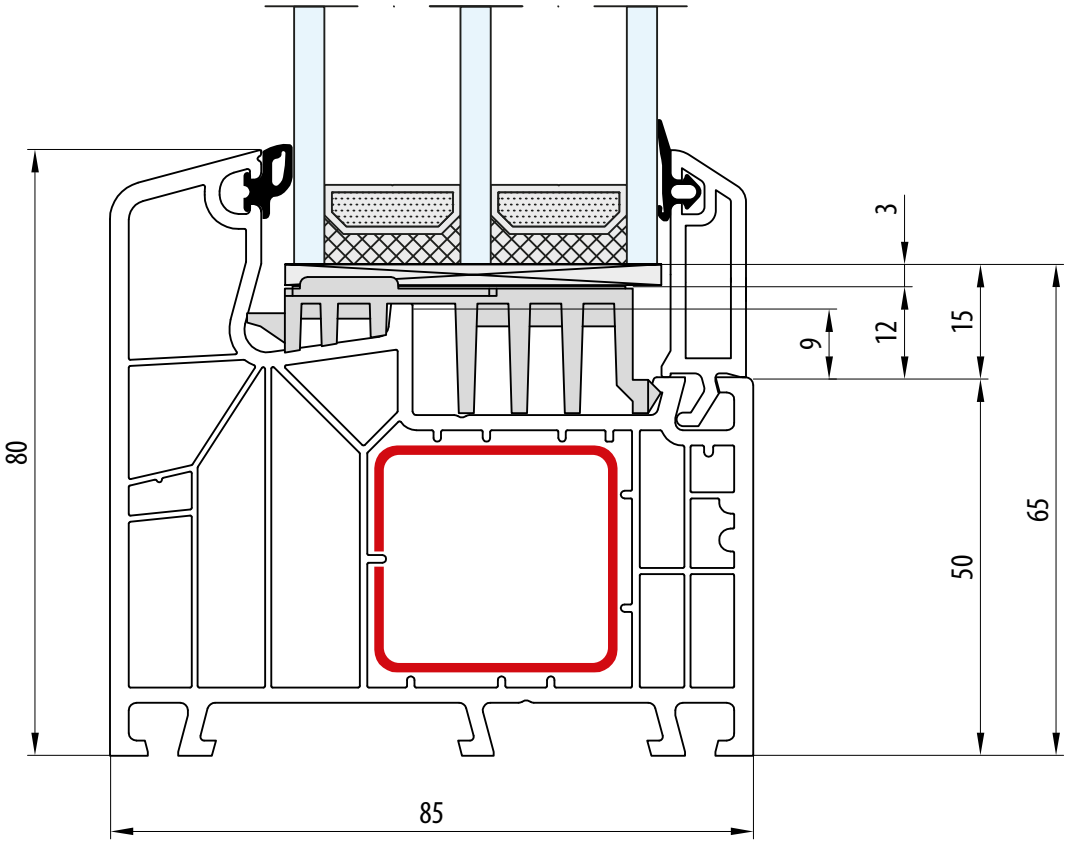
- Rama: 100 mm · Skrzydło: 105 mm
- Dormant: 100 mm · Vantail: 105 mm
- Frame: 100 mm · Sash: 105 mm
- Rahmen: 100 mm · Flügel: 105 mm
- Telaio: 100 mm · Anta: 105 mm
- Kader: 100 mm · Vleugel: 105 mm



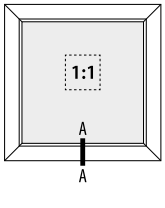
CL

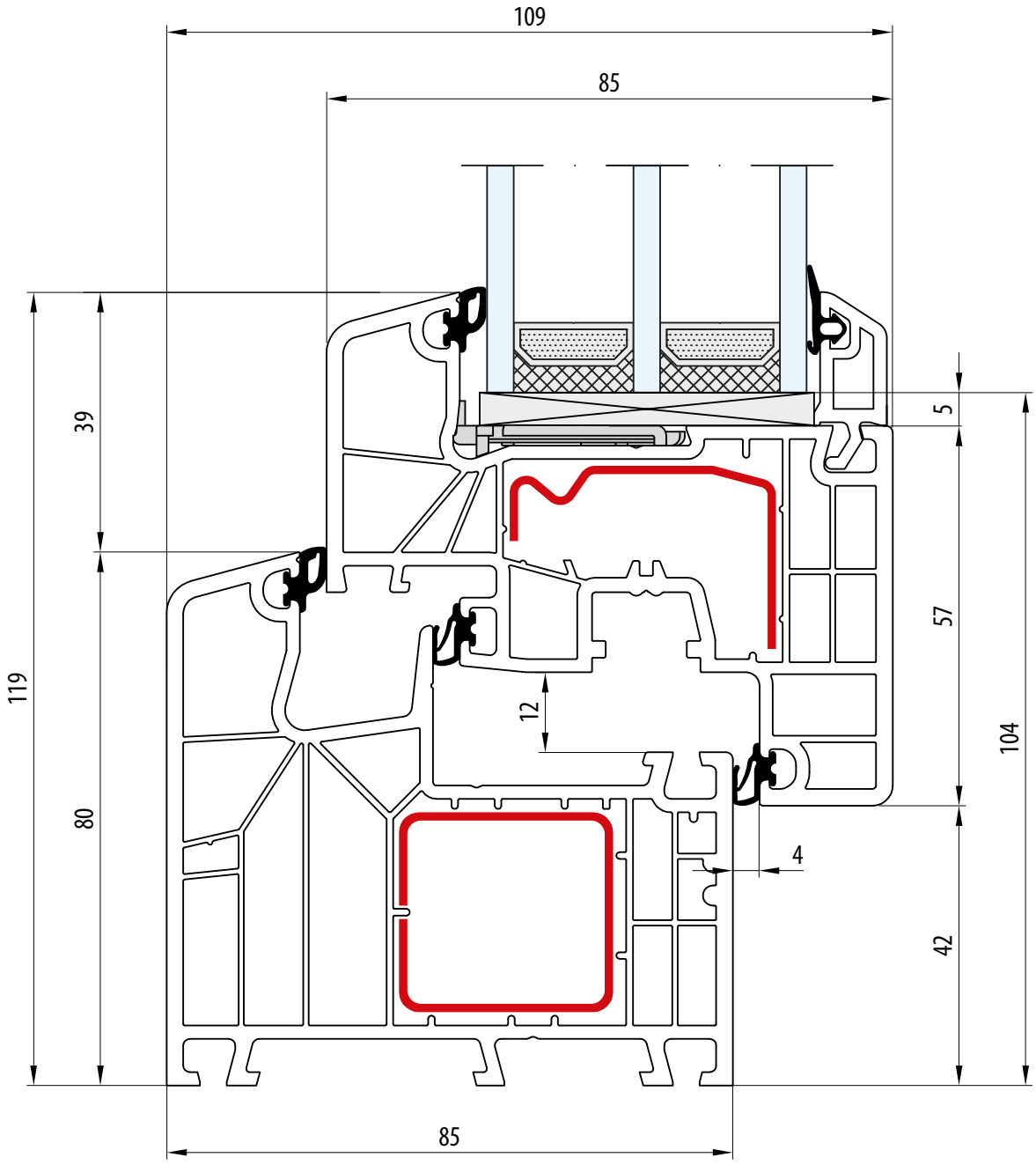
SL
CL
RL



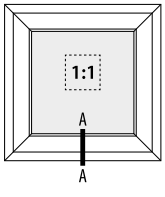


- Rama: 80 mm
- Dormant: 80 mm
- Frame: 80 mm
- Rahmen: 80 mm
- Telaio: 80 mm
- Kader: 80 mm



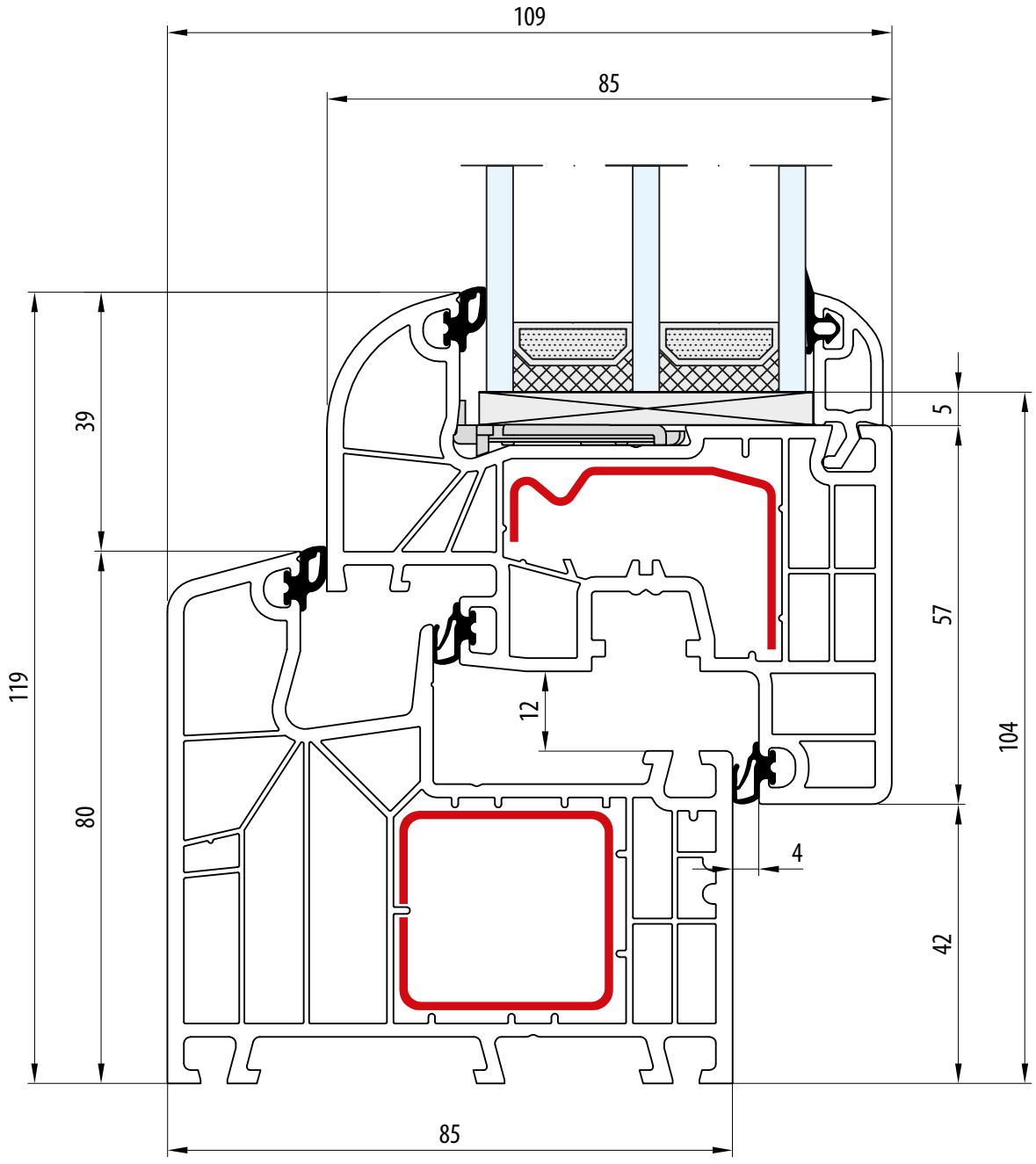


- Rama: 80 mm · Skrzydło: 77 mm
- Dormant: 80 mm · Vantail: 77 mm
- Frame: 80 mm · Sash: 77 mm
- Rahmen: 80 mm · Flügel: 77 mm
- Telaio: 80 mm · Anta: 77 mm
- Kader: 80 mm · Vleugel: 77 mm

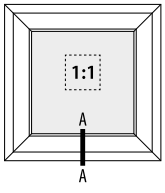


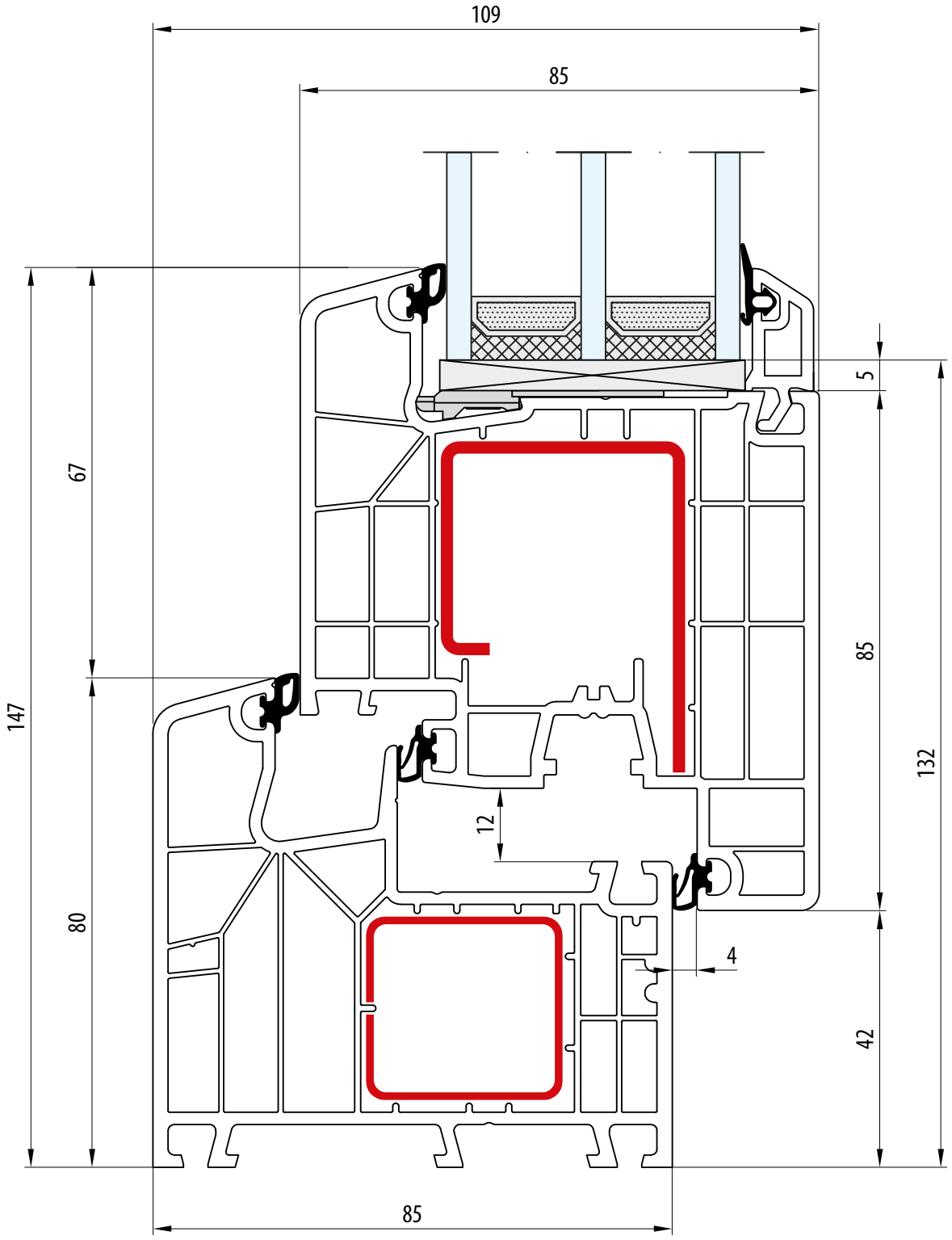
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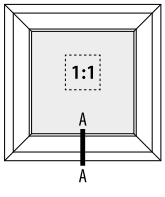


Rama: 80 mm · Skrzydło: 77 mm
Dormant: 80 mm · Vantail: 77 mm
Frame: 80 mm · Sash: 77 mm
Rahmen: 80 mm · Flügel: 77 mm
Telaio: 80 mm · Anta: 77 mm
Kader: 80 mm · Vleugel: 77 mm



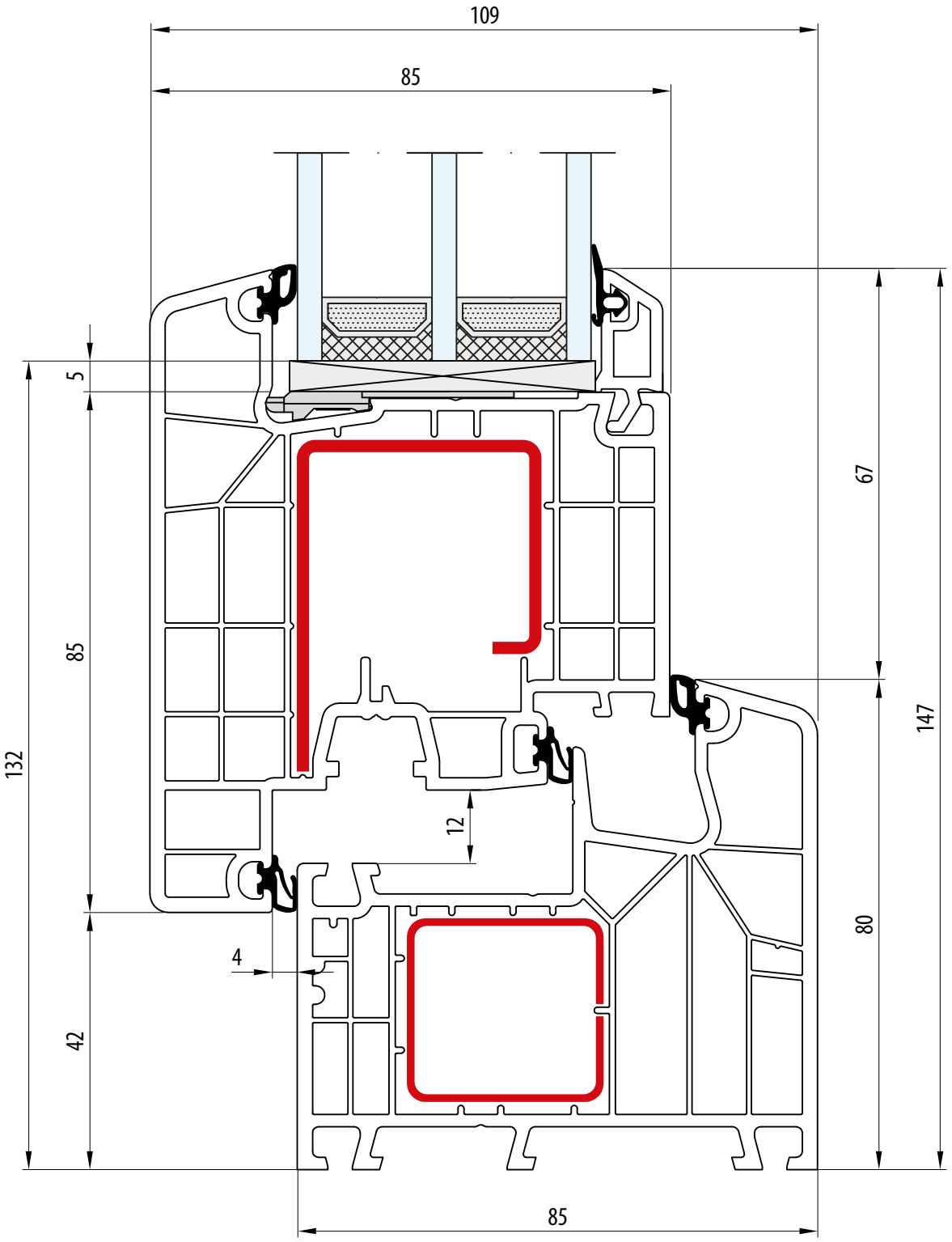


- Rama: 80 mm · Skrzydło: 105 mm
- Dormant: 80 mm · Vantail: 105 mm
- Frame: 80 mm · Sash: 105 mm
- Rahmen: 80 mm · Flügel: 105 mm
- Telaio: 80 mm · Anta: 105 mm
- Kader: 80 mm · Vleugel: 105 mm

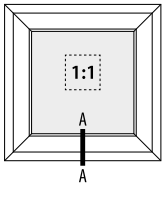


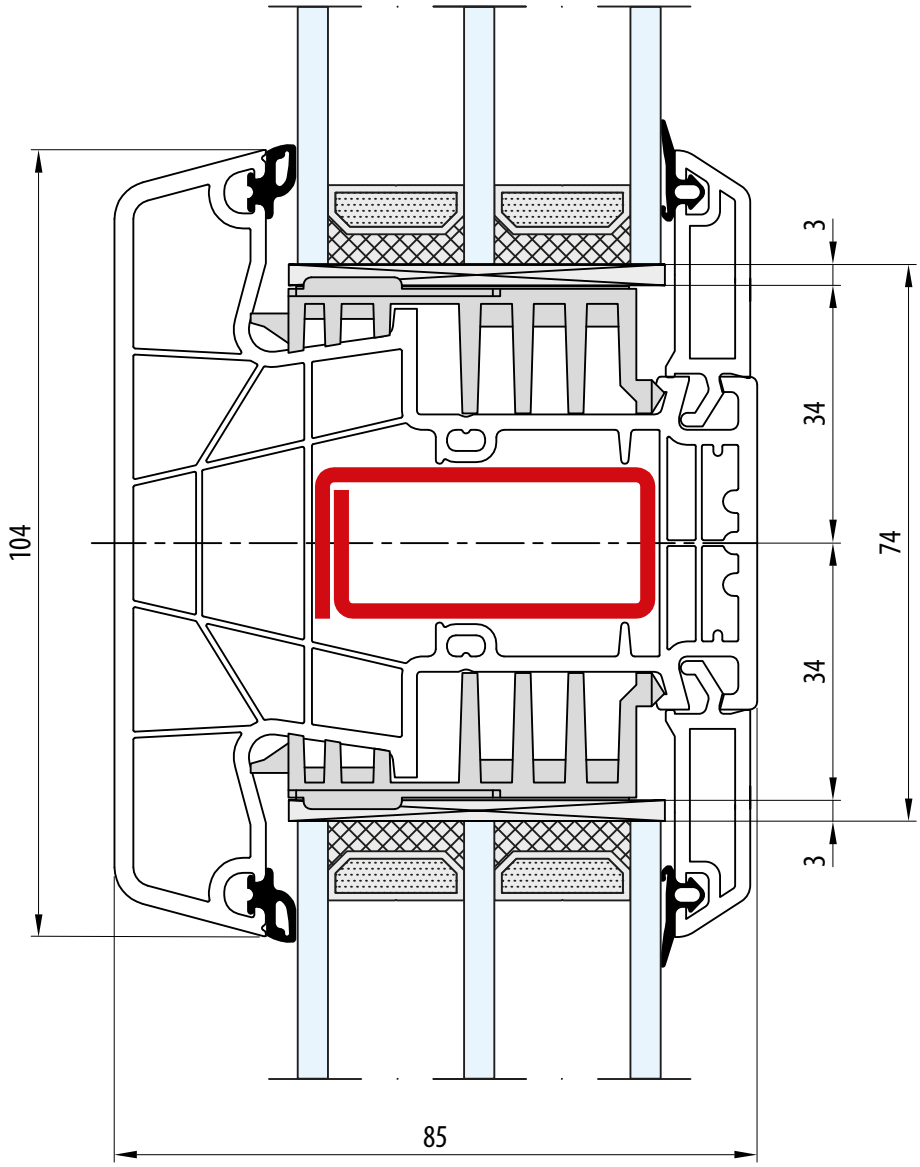
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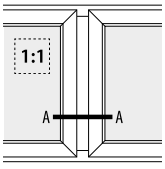


Rama: 80 mm · Skrzydło: 105 mm
Dormant: 80 mm · Vantail: 105 mm
Frame: 80 mm · Sash: 105 mm
Rahmen: 80 mm · Flügel: 105 mm
Telaio: 80 mm · Anta: 105 mm
Kader: 80 mm · Vleugel: 105 mm



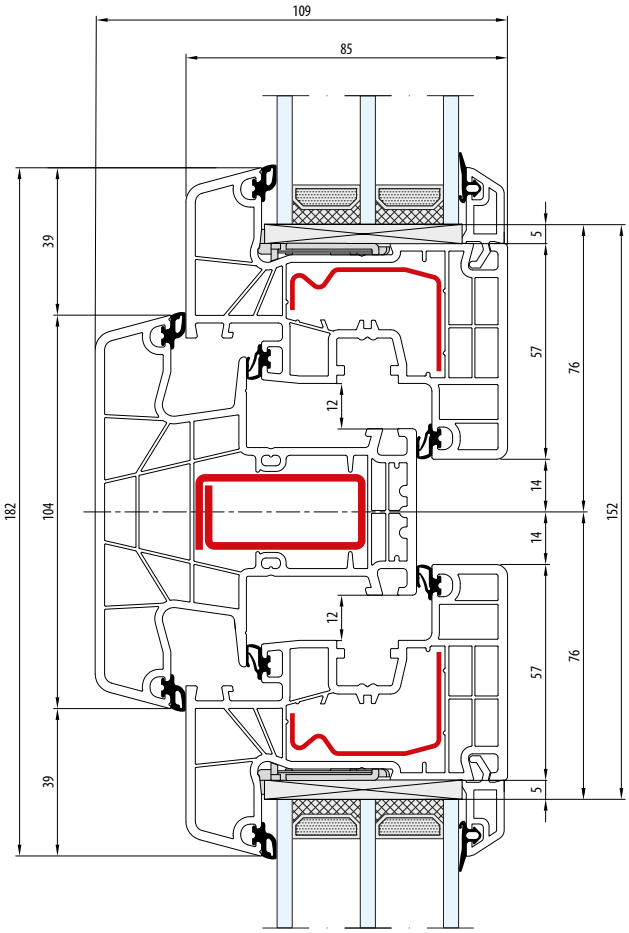


- Słupek stały: 104 mm
- Meneau fixe: 104 mm
- Fix post: 104 mm
- Festem Pfahl: 104 mm
- Montante fisso: 104 mm
- Vaste stijl: 104 mm

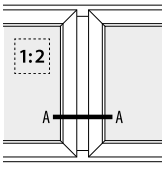


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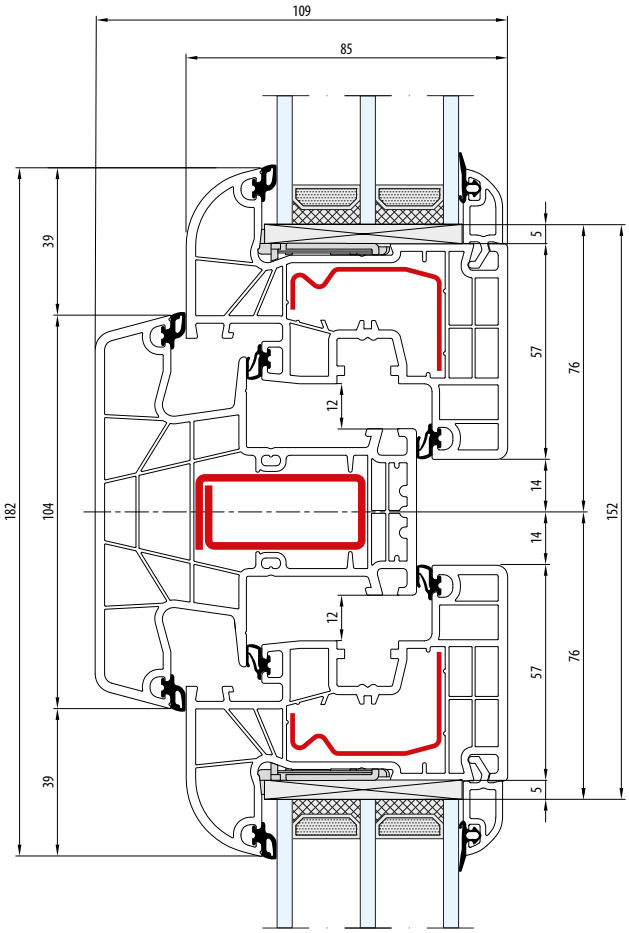


Słupek stały: 104 mm · Skrzydło: 77 mm
Meneau fixe: 104 mm · Vantail: 77 mm
Fix post: 104 mm · Sash: 77 mm
Festem Pfahl: 104 mm · Flügel: 77 mm
Montante fisso: 104 mm · Anta: 77 mm
Vaste stijl: 104 mm · Vleugel: 77 mm

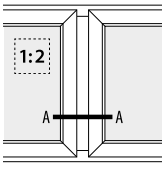


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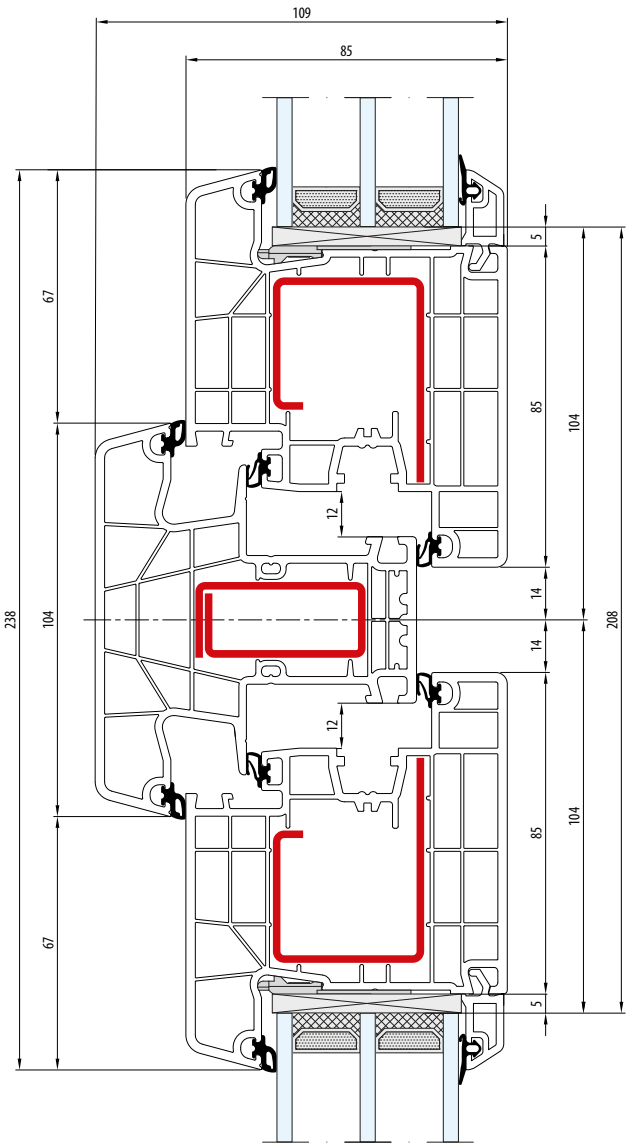


- Słupek stały: 104 mm · Skrzydło: 77 mm
- Meneau fixe: 104 mm · Vantail: 77 mm
- Fix post: 104 mm · Sash: 77 mm
- Festem Pfahl: 104 mm · Flügel: 77 mm
- Montante fisso: 104 mm · Anta: 77 mm
- Vaste stijl: 104 mm · Vleugel: 77 mm

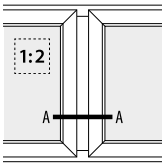


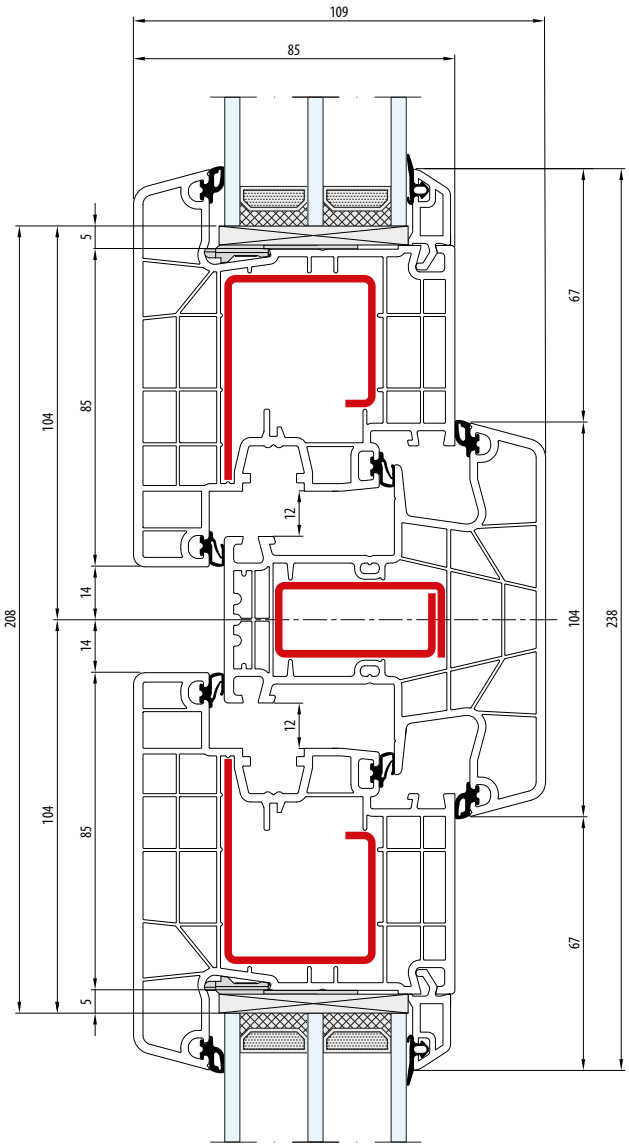
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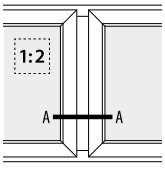


- Słupek stały: 104 mm · Skrzydło: 105 mm
- Meneau fixe: 104 mm · Vantail: 105 mm
- Fix post: 104 mm · Sash: 105 mm
- Festem Pfahl: 104 mm · Flügel: 105 mm
- Montante fisso: 104 mm · Anta: 105 mm
- Vaste stijl: 104 mm · Vleugel: 105 mm



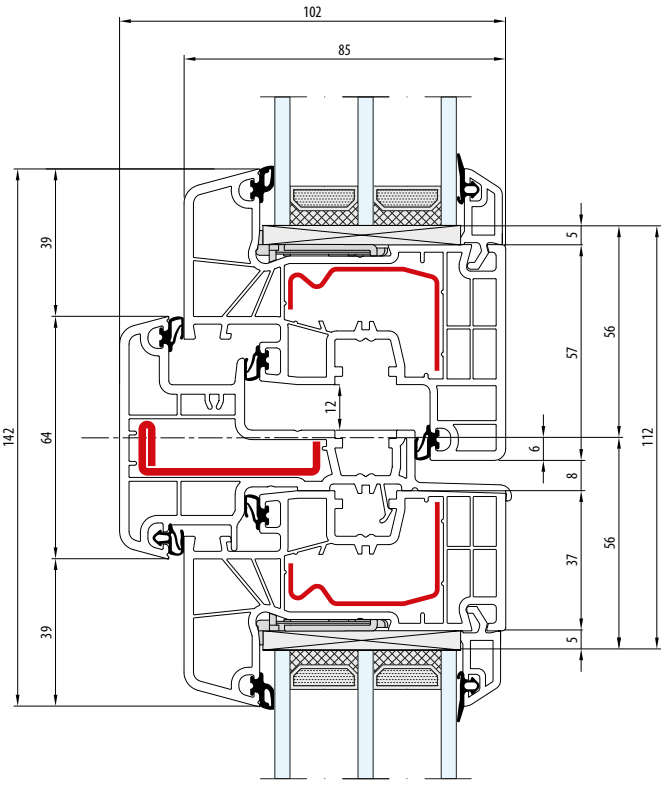


- Słupek stały: 104 mm · Skrzydło:105 mm
- Meneau fixe: 104 mm · Vantail: 105 mm
- Fix post: 104 mm · Sash: 105 mm
- Festem Pfahl: 104 mm · Flügel: 105 mm
- Montante fisso: 104 mm · Anta: 105 mm
- Vaste stijl: 104 mm · Vleugel: 105 mm

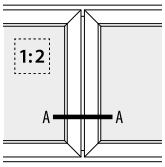


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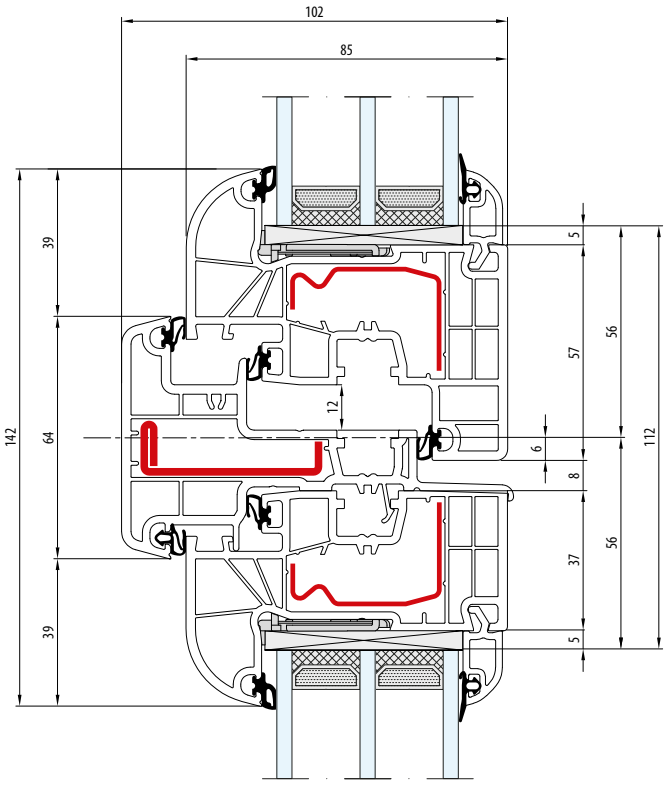


- Słupek ruchomy: 64 mm · Skrzydło: 77 mm / 57 mm
- Meneau mobile: 64 mm · Vantail: 77 mm / 57 mm
- Movable post: 64 mm · Sash: 77 mm / 57 mm
- Stulp: 64 mm · Flügel: 77 mm / 57 mm
- Montante mobile: 64 mm · Anta: 77 mm / 57 mm
- Verplaatsbare stijl: 64 mm · Vleugel: 77 mm / 57 mm

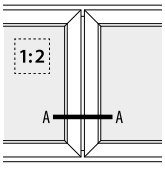


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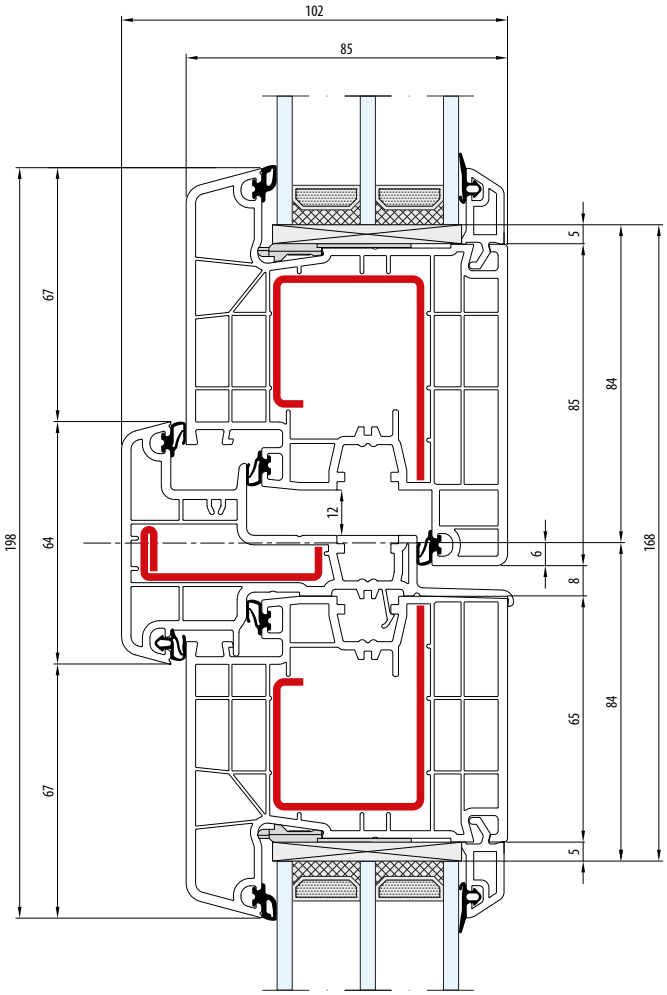


- Słupek ruchomy: 64 mm · Skrzydło: 77 mm / 57 mm
- Meneau mobile: 64 mm · Vantail: 77 mm / 57 mm
- Movable post: 64 mm · Sash: 77 mm / 57 mm
- Stulp: 64 mm · Flügel: 77 mm / 57 mm
- Montante mobile: 64 mm · Anta: 77 mm / 57 mm
- Verplaatsbare stijl: 64 mm · Vleugel: 77 mm / 57 mm

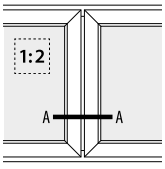


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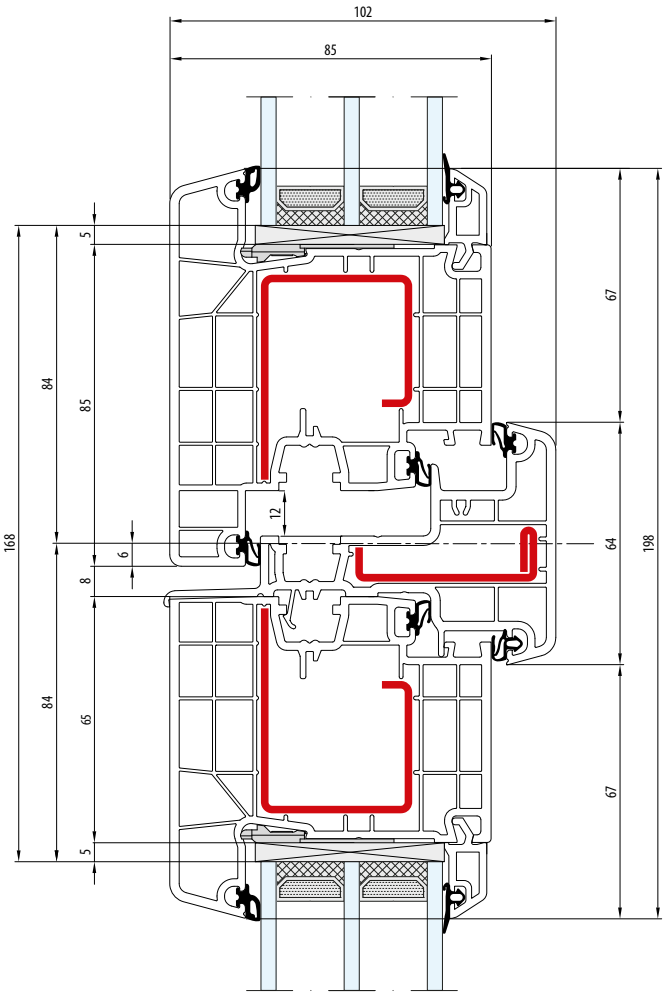


Słupek ruchomy: 64 mm · Skrzydło: 105 mm / 85 mm
Meneau mobile: 64 mm · Vantail: 105 mm / 85 mm
Movable post: 64 mm · Sash: 105 mm / 85 mm
Stulp: 64 mm · Flügel: 105 mm / 85 mm
Montante mobile: 64 mm · Anta: 105 mm / 85 mm
Verplaatsbare stijl: 64 mm · Vleugel: 105 mm / 85 mm

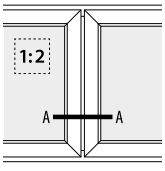


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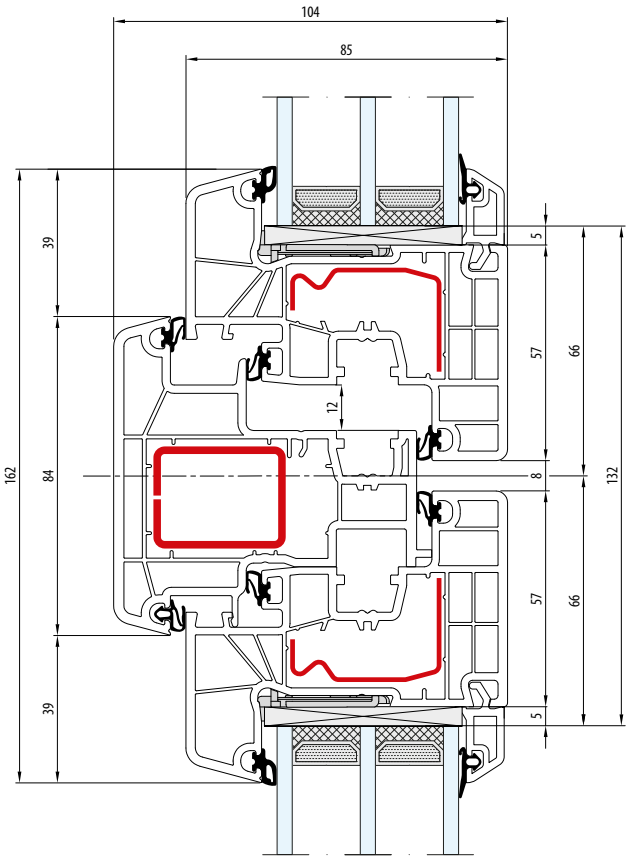


- Słupek ruchomy: 64 mm · Skrzydło: 105 mm / 85 mm
- Meneau mobile: 64 mm · Vantail: 105 mm / 85 mm
- Movable post: 64 mm · Sash: 105 mm / 85 mm
- Stulp: 64 mm · Flügel: 105 mm / 85 mm
- Montante mobile: 64 mm · Anta: 105 mm / 85 mm
- Verplaatsbare stijl: 64 mm · Vleugel: 105 mm / 85 mm

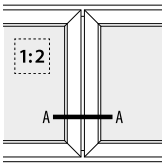


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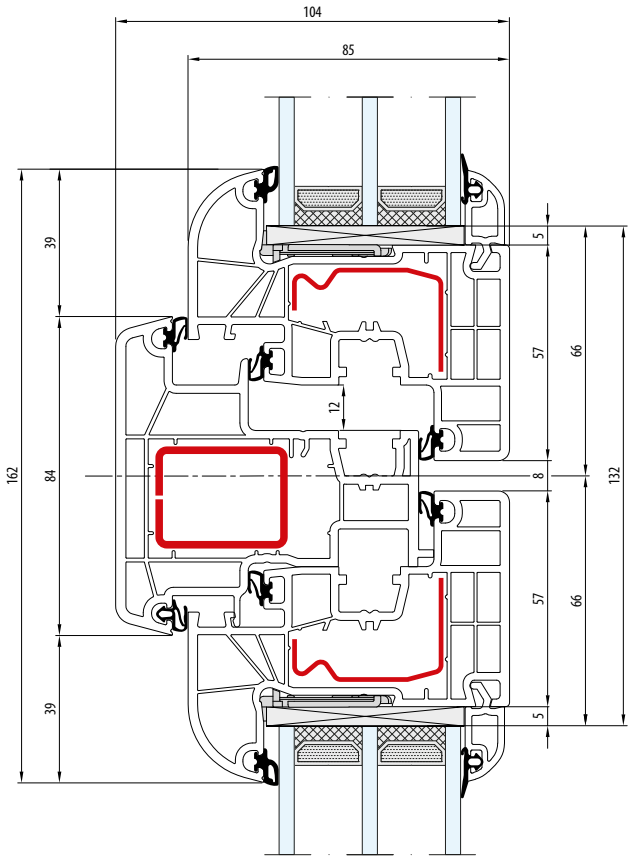


- Słupek ruchomy: 84 mm · Skrzydło: 77 mm
- Meneau mobile: 84 mm · Vantail: 77 mm
- Movable post: 84 mm · Sash: 77 mm
- Stulp: 84 mm · Flügel: 77 mm
- Montante mobile: 84 mm · Anta: 77 mm
- Verplaatsbare stijl: 84 mm · Vleugel: 77 mm

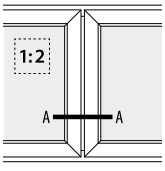


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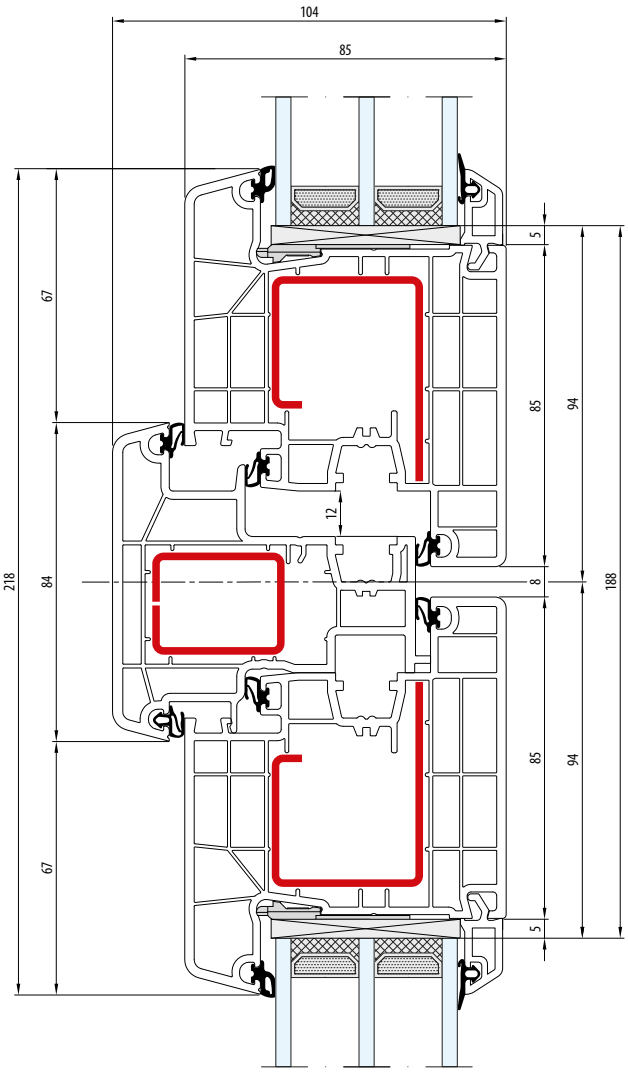


- Słupek ruchomy: 84 mm · Skrzydło: 77 mm
- Meneau mobile: 84 mm · Vantail: 77 mm
- Movable post: 84 mm · Sash: 77 mm
- Stulp: 84 mm · Flügel: 77 mm
- Montante mobile: 84 mm · Anta: 77 mm
- Verplaatsbare stijl: 84 mm · Vleugel: 77 mm

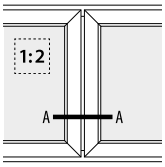


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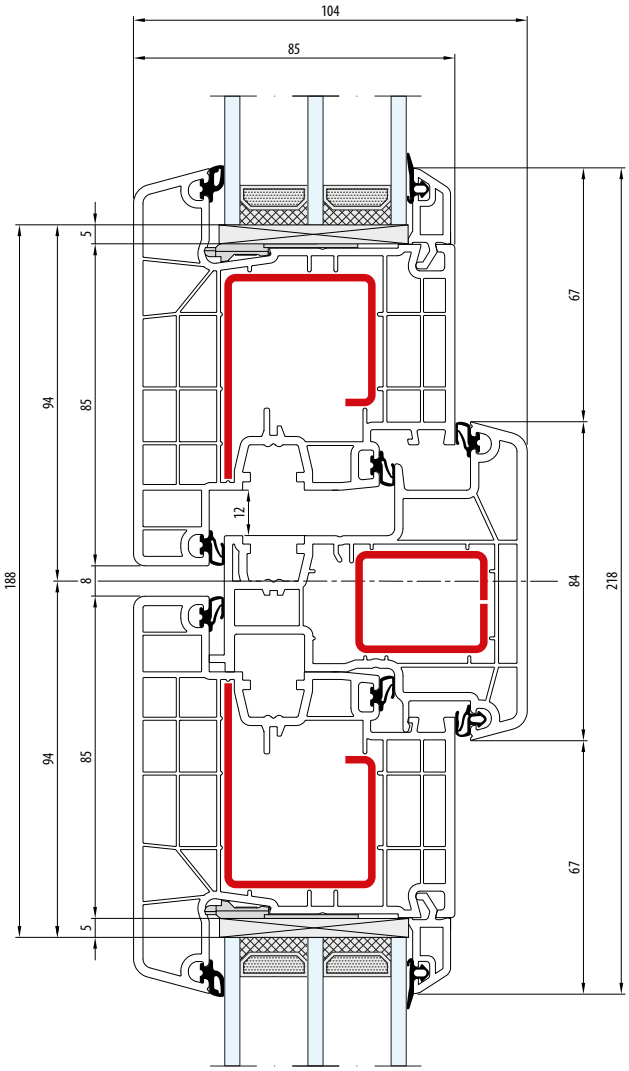


- Słupek ruchomy: 84 mm · Skrzydło: 105 mm
- Meneau mobile: 84 mm · Vantail: 105 mm
- Movable post: 84 mm · Sash: 105 mm
- Stulp: 84 mm · Flügel: 105 mm
- Montante mobile: 84 mm · Anta: 105 mm
- Verplaatsbare stijl: 84 mm · Vleugel: 105 mm

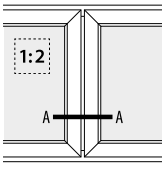


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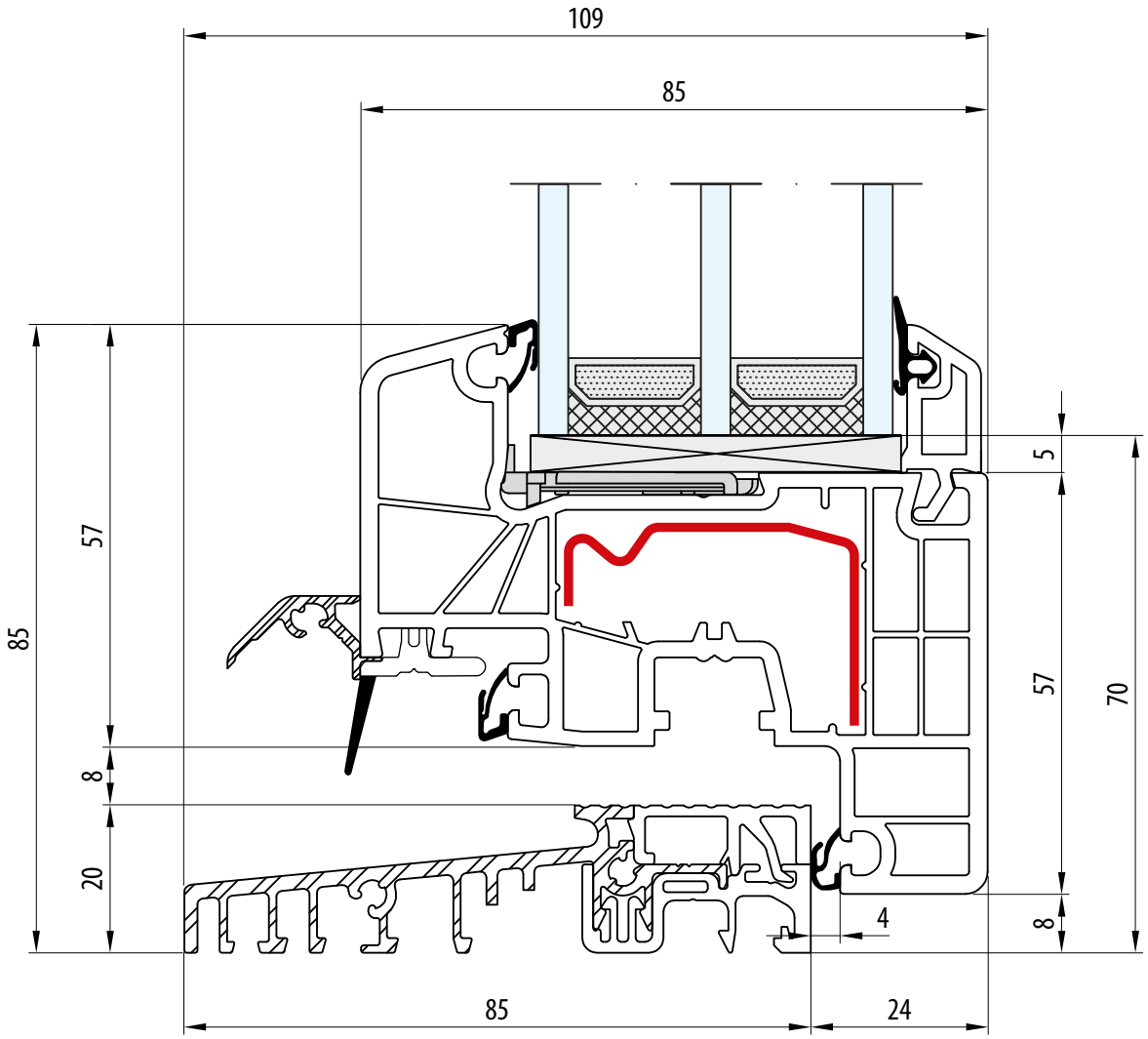


- Słupek ruchomy: 84 mm · Skrzydło: 105 mm
- Meneau mobile: 84 mm · Vantail: 105 mm
- Movable post: 84 mm · Sash: 105 mm
- Stulp: 84 mm · Flügel: 105 mm
- Montante mobile: 84 mm · Anta: 105 mm
- Verplaatsbare stijl: 84 mm · Vleugel: 105 mm

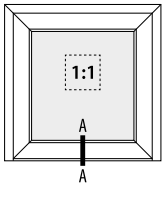


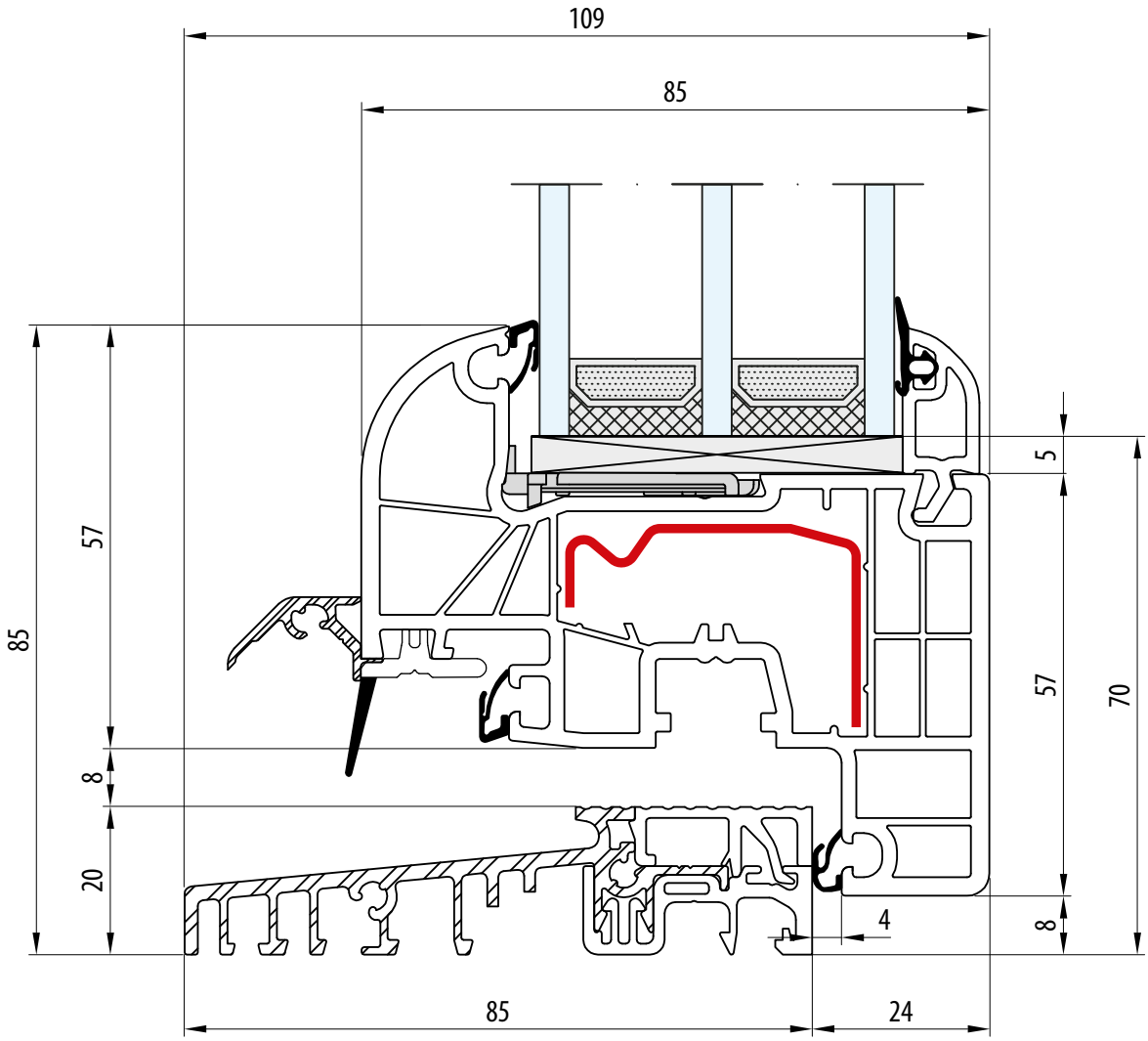
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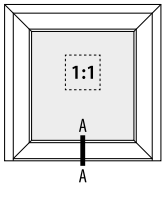


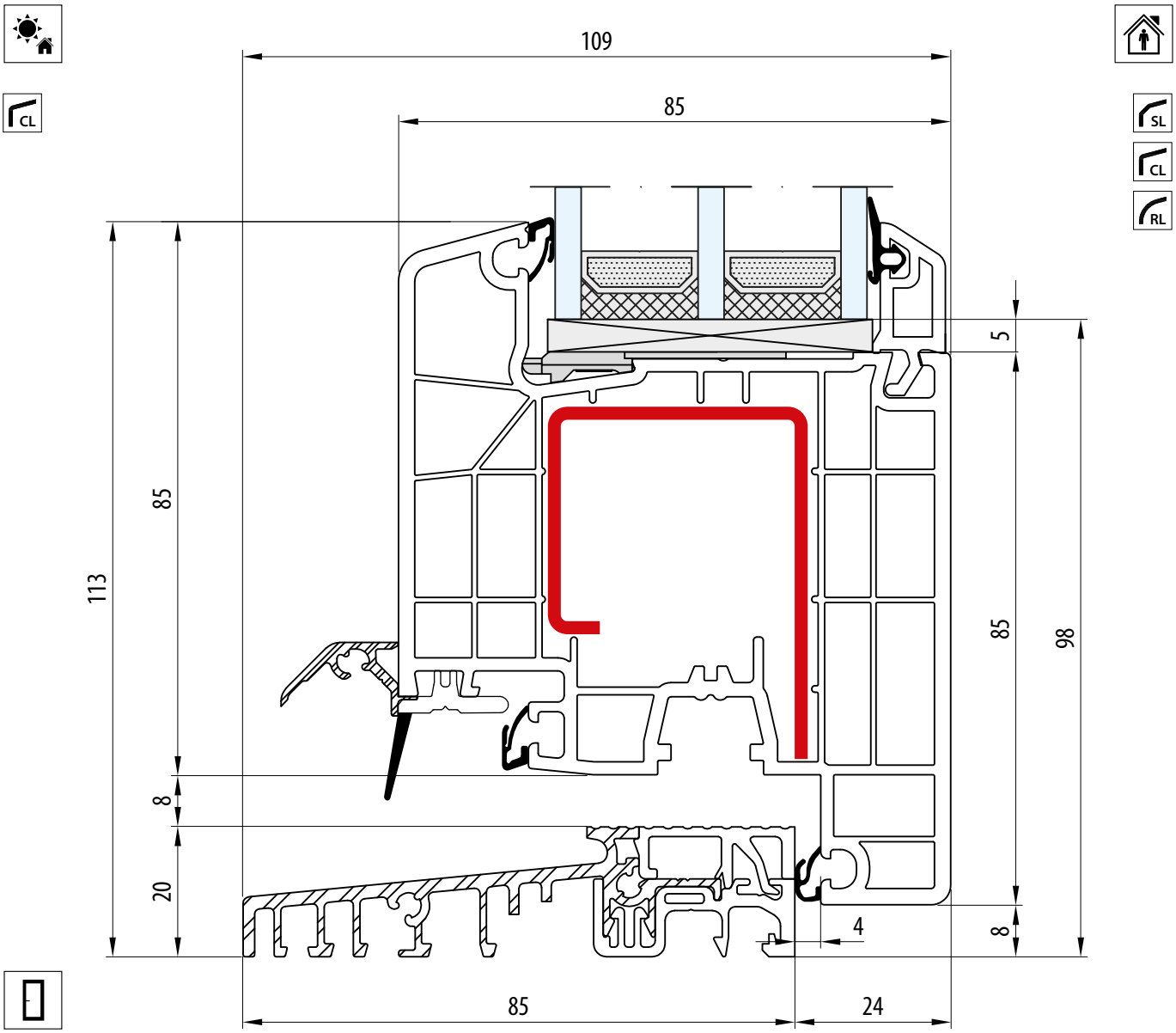
Próg: 20 mm · Skrzydło: 77 mm
Seuil: 20 mm · Vantail: 77 mm
Threshold: 20 mm · Sash: 77 mm
Schwelle: 20 mm · Flügel: 77 mm
Soglia: 20 mm · Anta: 77 mm
Dorpel: 20 mm · Vleugel: 77 mm

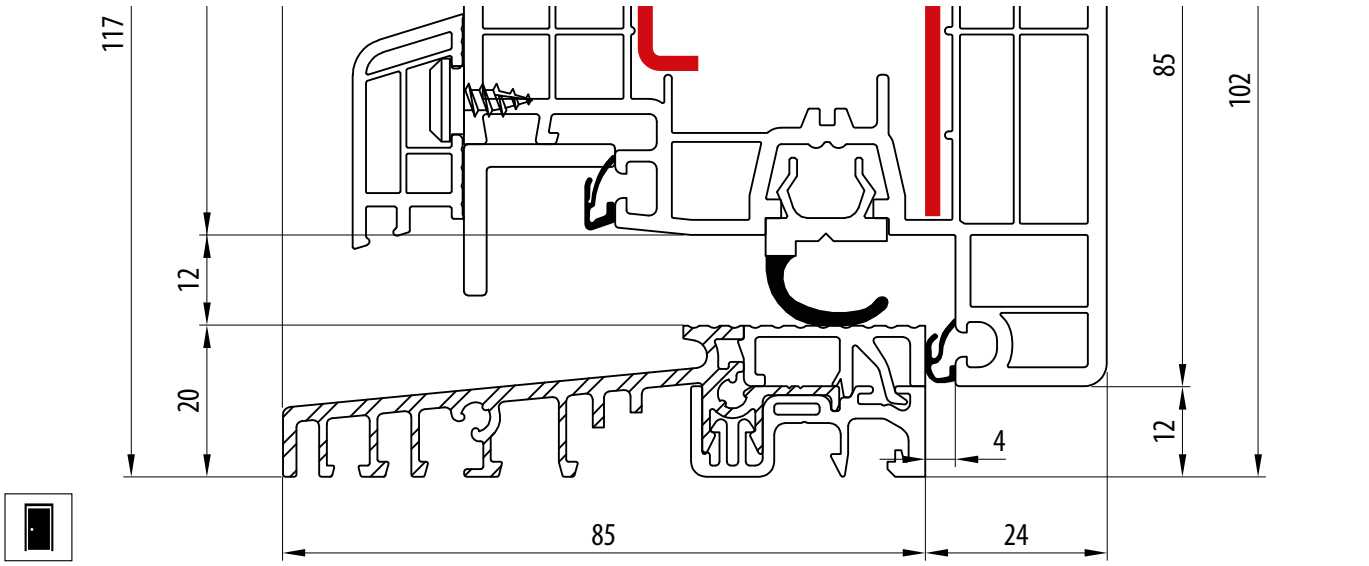




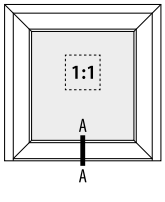
- Próg: 20 mm · Skrzydło: 77 mm
- Seuil: 20 mm · Vantail: 77 mm
- Threshold: 20 mm · Sash: 77 mm
- Schwelle: 20 mm · Flügel: 77 mm
- Soglia: 20 mm · Anta: 77 mm
- Dorpel: 20 mm · Vleugel: 77 mm

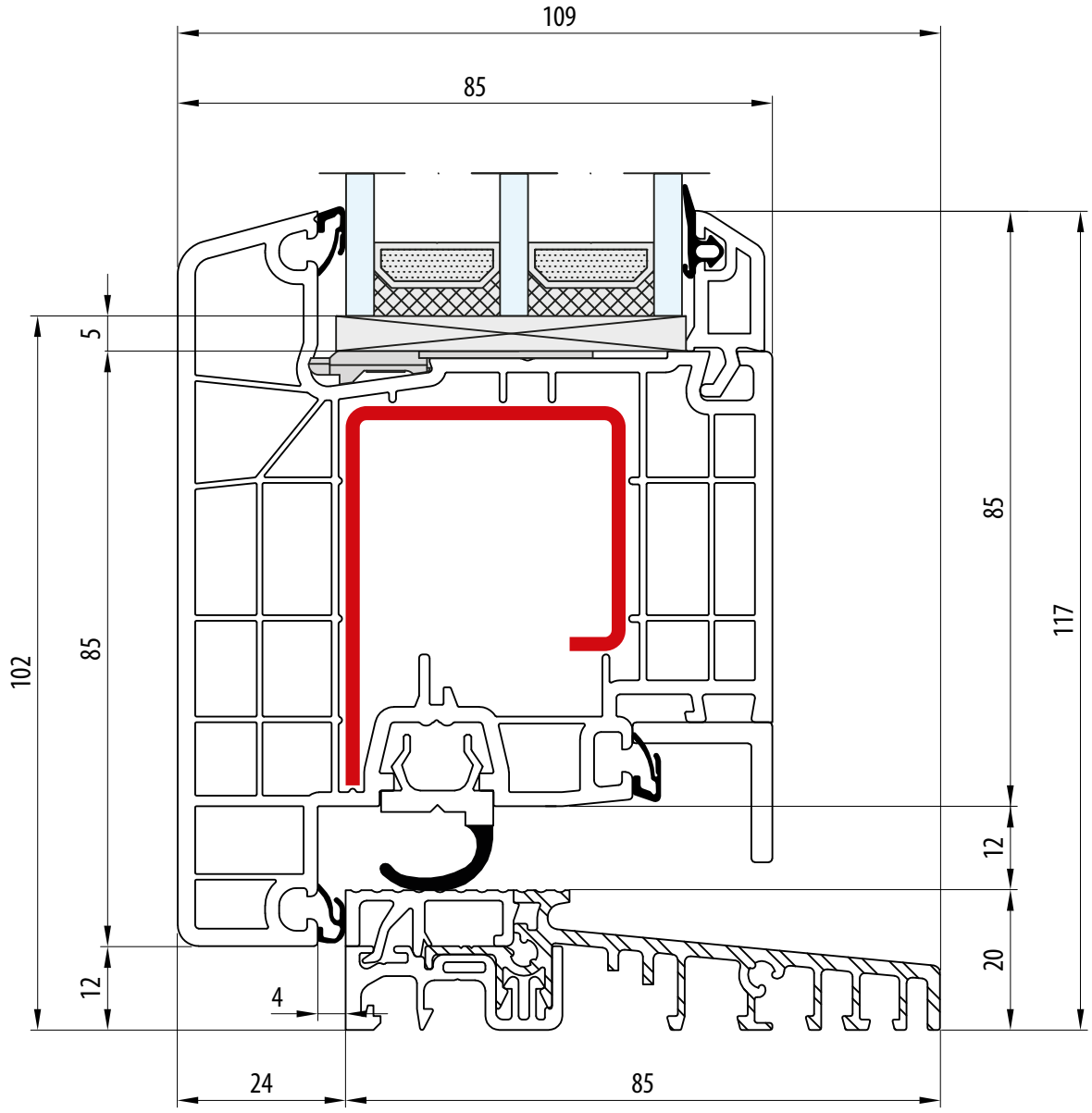




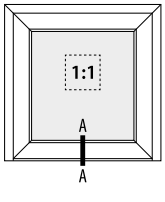


Próg: 20 mm · Skrzydło: 105 mm
Seuil: 20 mm · Vantail: 105 mm
Threshold: 20 mm · Sash: 105 mm
Schwelle: 20 mm · Flügel: 105 mm
Soglia: 20 mm · Anta: 105 mm
Dorpel: 20 mm · Vleugel: 105 mm

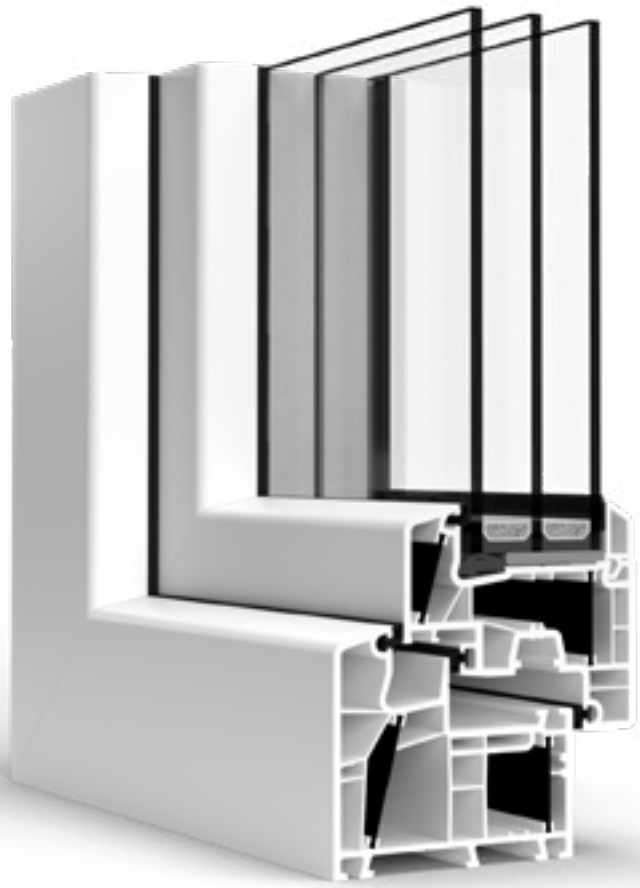


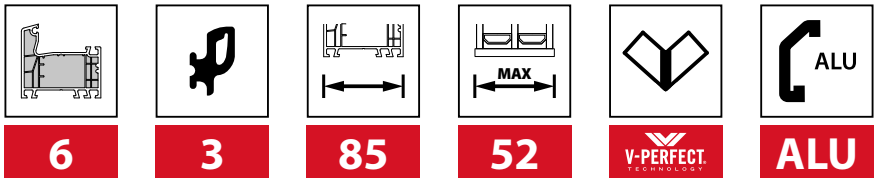


- Próg: 20 mm · Skrzydło: 105 mm
- Seuil: 20 mm · Vantail: 105 mm
- Threshold: 20 mm · Sash: 105 mm
- Schwelle: 20 mm · Flügel: 105 mm
- Soglia: 20 mm · Anta: 105 mm
- Dorpel: 20 mm · Vleugel: 105 mm

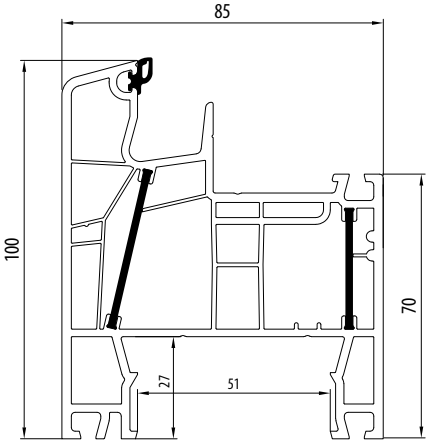


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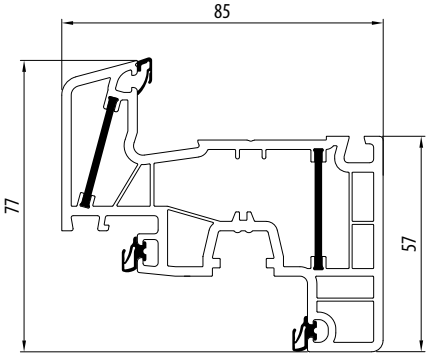




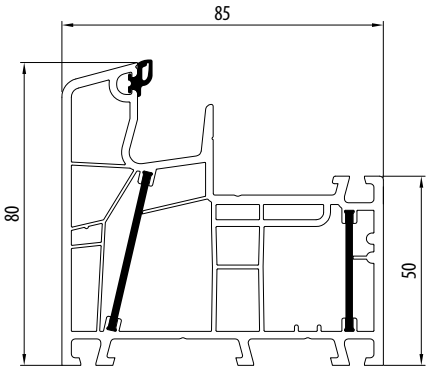




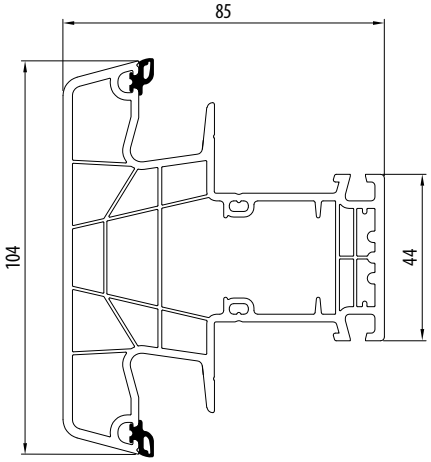
CL ALU 080x04



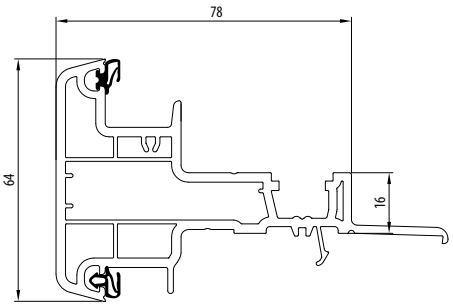
CL ALU 080x20



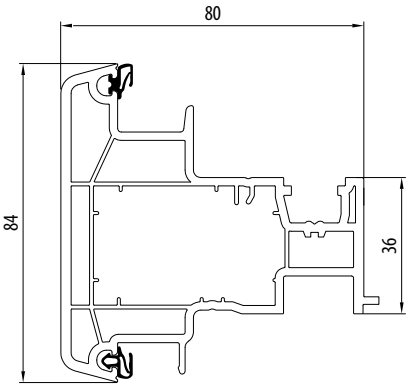
CL ALU 080x05



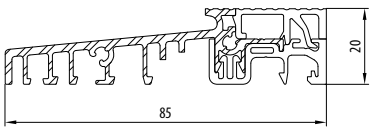
CL ALU 180x44



CL 180x64



CL 180x66

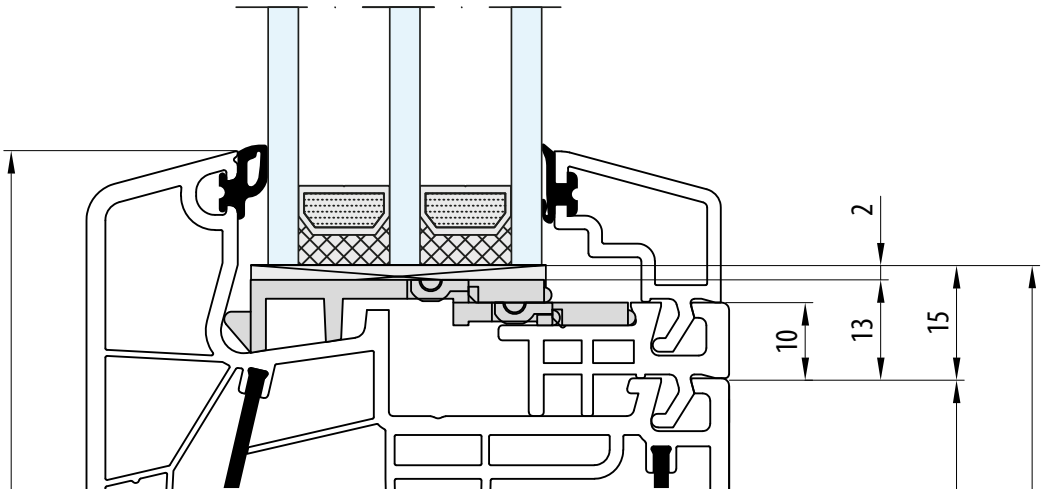


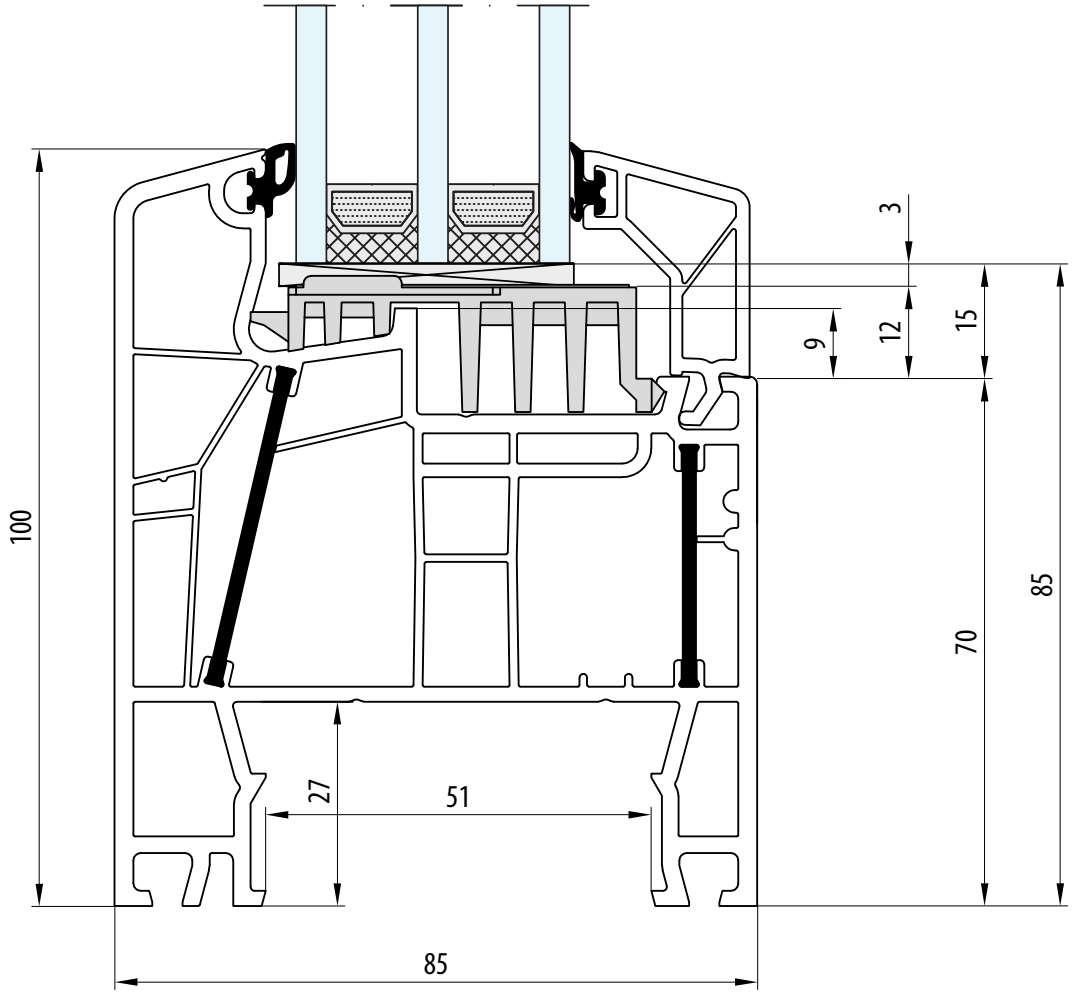
alu - 20 mm

1:2

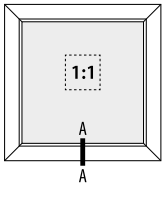
CL

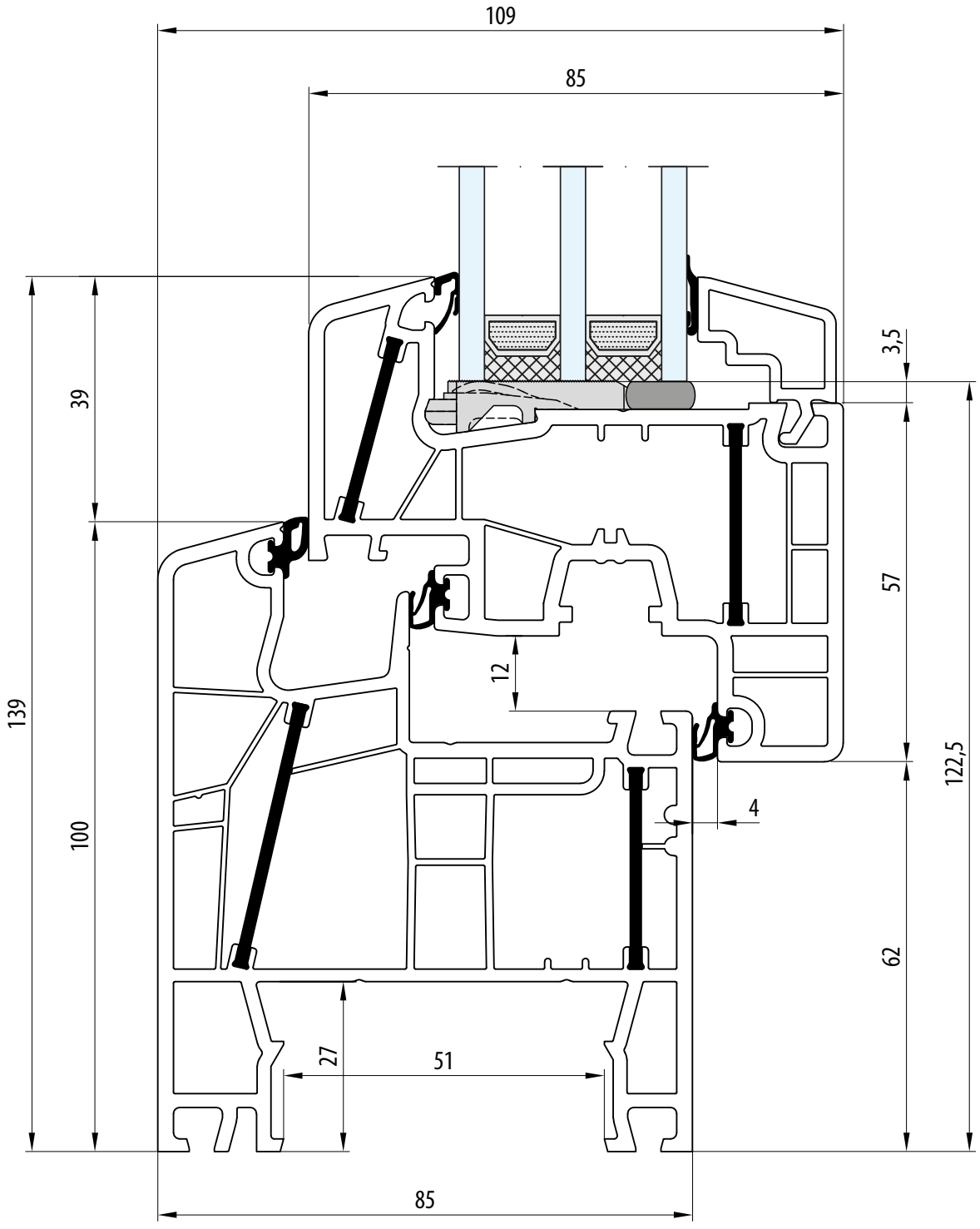
SL
CL
RL



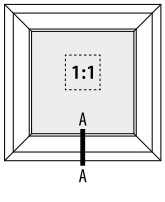


- Rama: 100 mm
- Dormant: 100 mm
- Frame: 100 mm
- Rahmen: 100 mm
- Telaio: 100 mm
- Kader: 100 mm



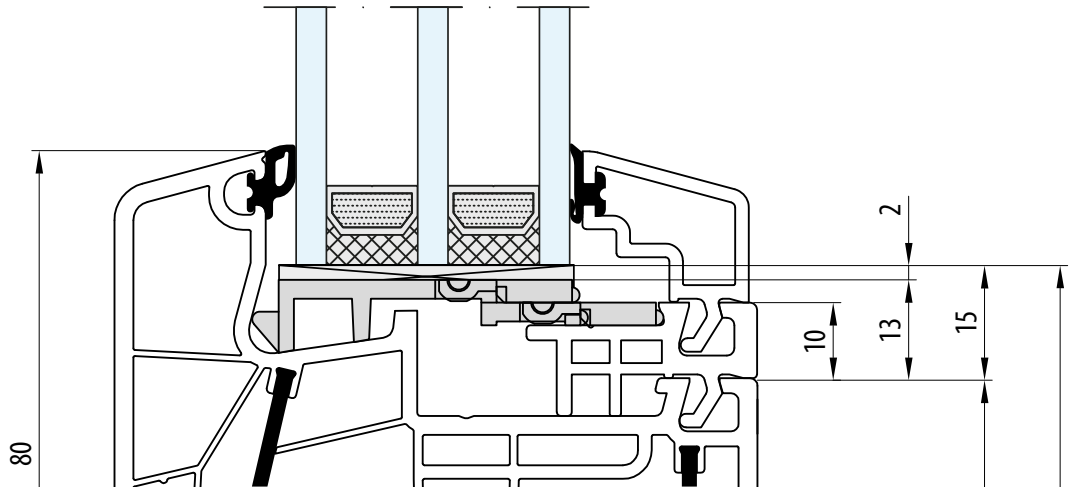


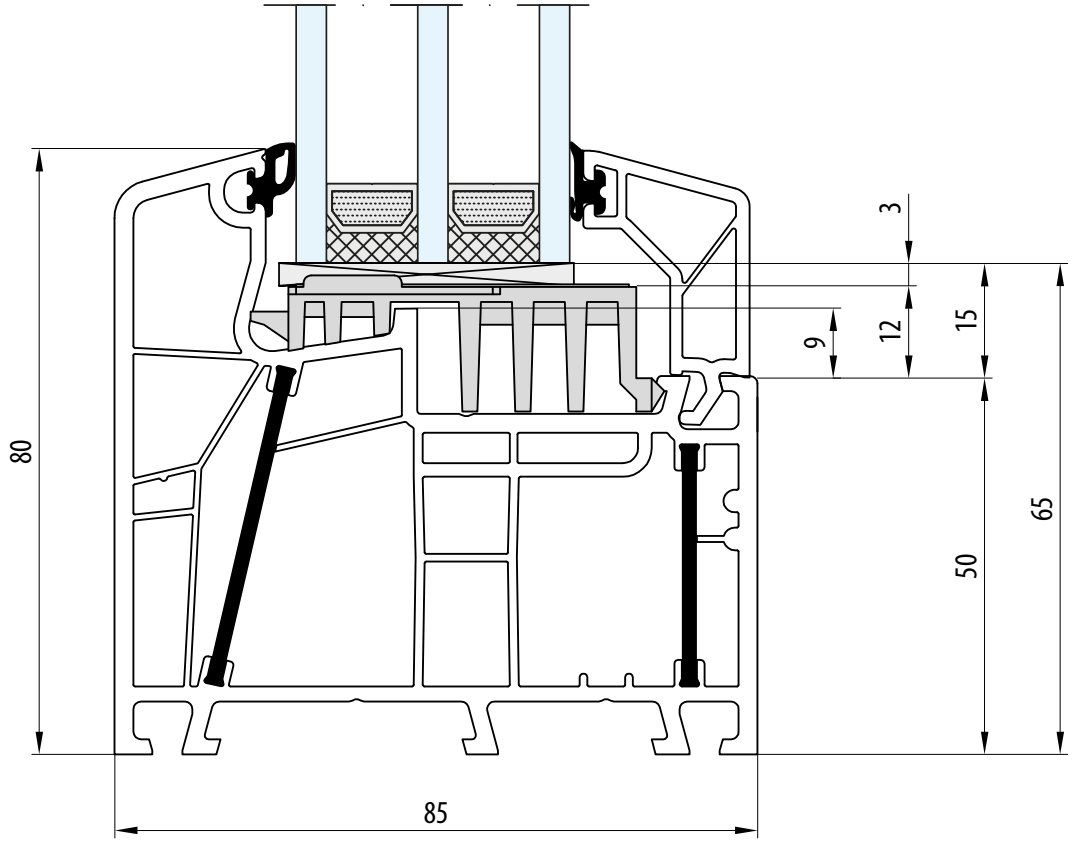
- Rama: 100 mm · Skrzydło: 77 mm
- Dormant: 100 mm · Vantail: 77 mm
- Frame: 100 mm · Sash: 77 mm
- Rahmen: 100 mm · Flügel: 77 mm
- Telaio: 100 mm · Anta: 77 mm
- Kader: 100 mm · Vleugel: 77 mm



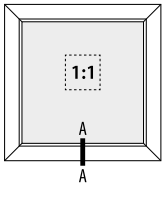
CL

SL
CL
RL



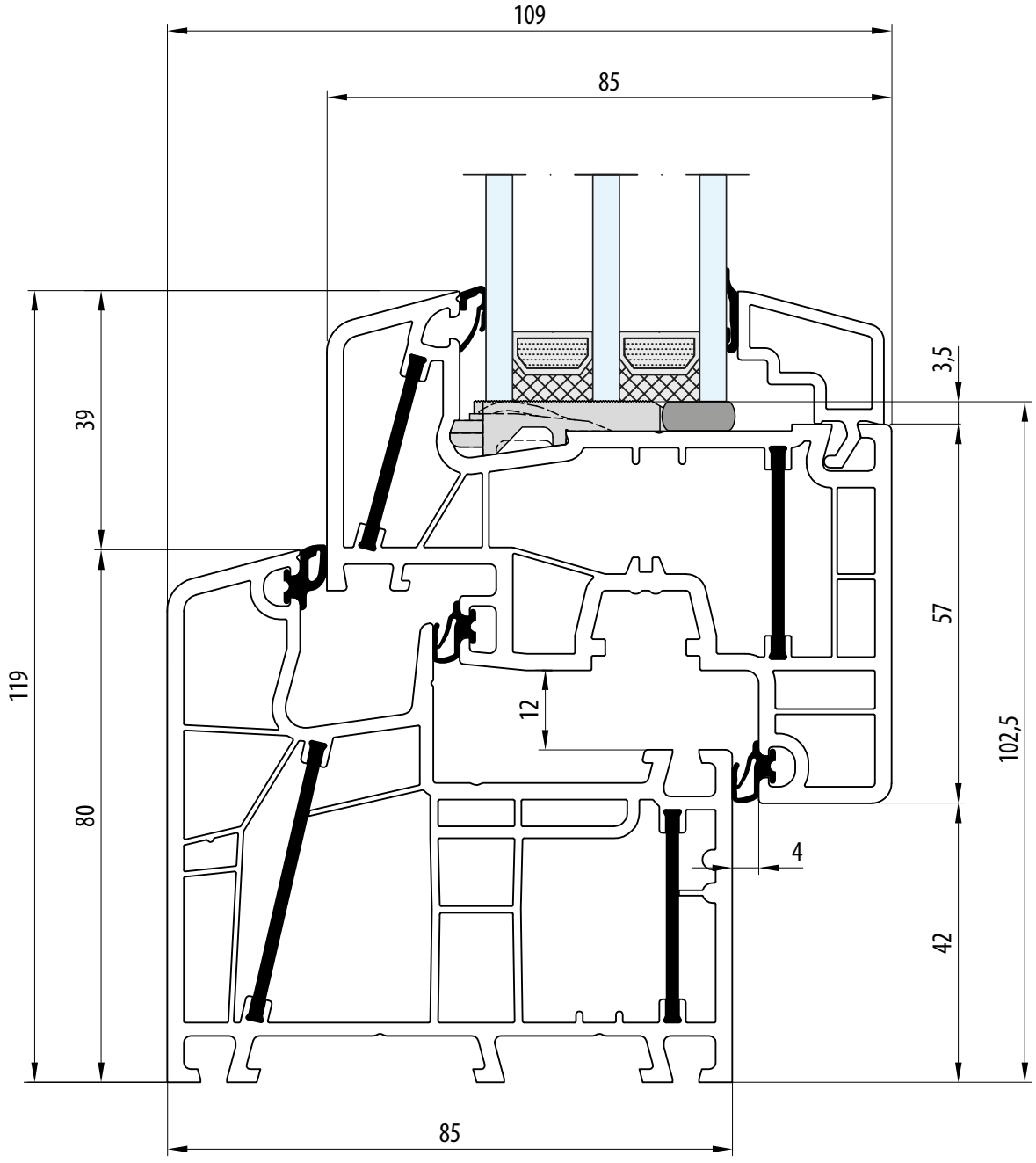


- Rama: 80 mm
- Dormant: 80 mm
- Frame: 80 mm
- Rahmen: 80 mm
- Telaio: 80 mm
- Kader: 80 mm

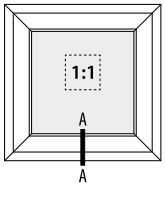


CL

SL CL RL

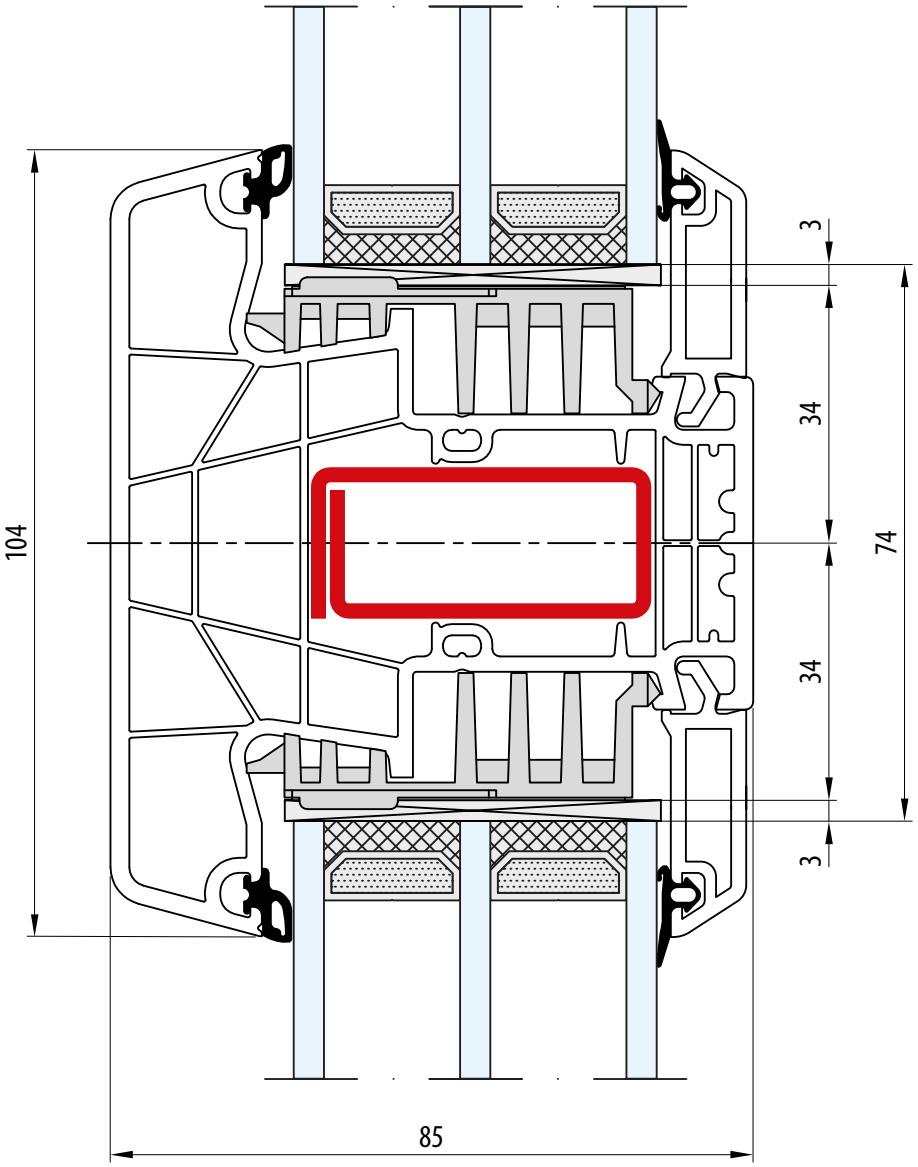


- Rama: 80 mm · Skrzydło: 77 mm
- Dormant: 80 mm · Vantail: 77 mm
- Frame: 80 mm · Sash: 77 mm
- Rahmen: 80 mm · Flügel: 77 mm
- Telaio: 80 mm · Anta: 77 mm
- Kader: 80 mm · Vleugel: 77 mm

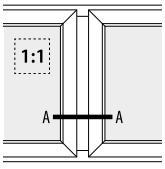


CL

SL
CL
RL

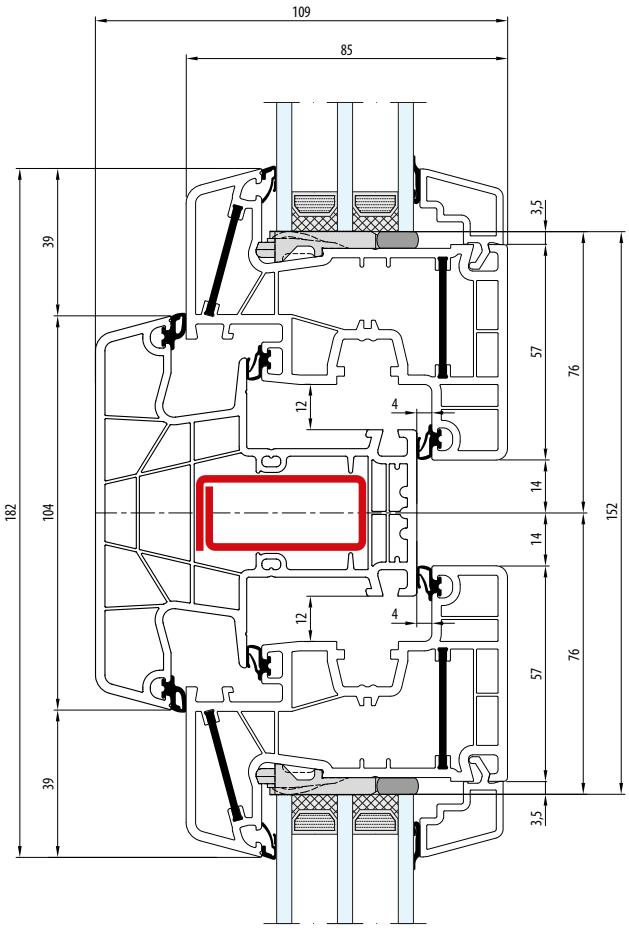


- Słupek stały: 104 mm
- Meneau fixe: 104 mm
- Fix post: 104 mm
- Festem Pfahl: 104 mm
- Montante fisso: 104 mm
- Vaste stijl: 104 mm

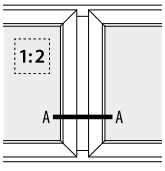


CL

SL
CL
RL

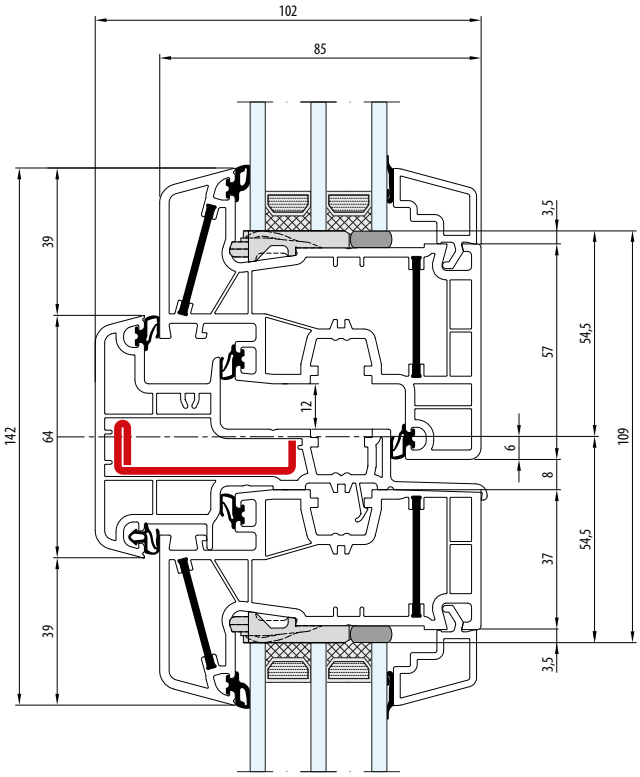


- Słupek stały: 104 mm · Skrzydło: 77 mm
- Meneau fixe: 104 mm · Vantail: 77 mm
- Fix post: 104 mm · Sash: 77 mm
- Festem Pfahl: 104 mm · Flügel: 77 mm
- Montante fisso: 104 mm · Anta: 77 mm
- Vaste stijl: 104 mm · Vleugel: 77 mm

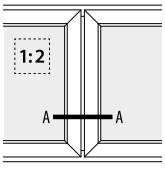


CL

SL
CL
RL

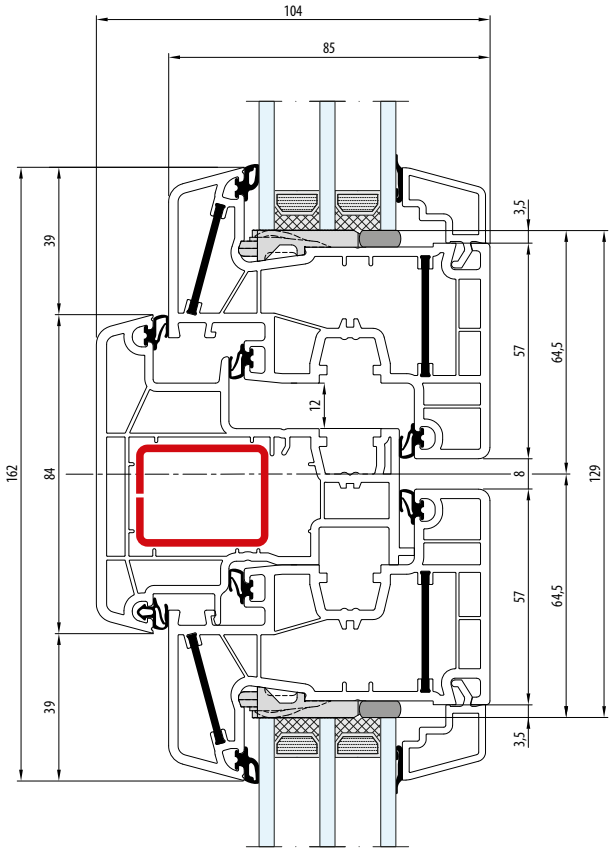


- Słupek ruchomy: 64 mm · Skrzydło: 77 mm / 57 mm
- Meneau mobile: 64 mm · Vantail: 77 mm / 57 mm
- Movable post: 64 mm · Sash: 77 mm / 57 mm
- Stulp: 64 mm · Flügel: 77 mm / 57 mm
- Montante mobile: 64 mm · Anta: 77 mm / 57 mm
- Verplaatsbare stijl: 64 mm · Vleugel: 77 mm / 57 mm

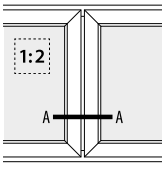


CL

SL
CL
RL

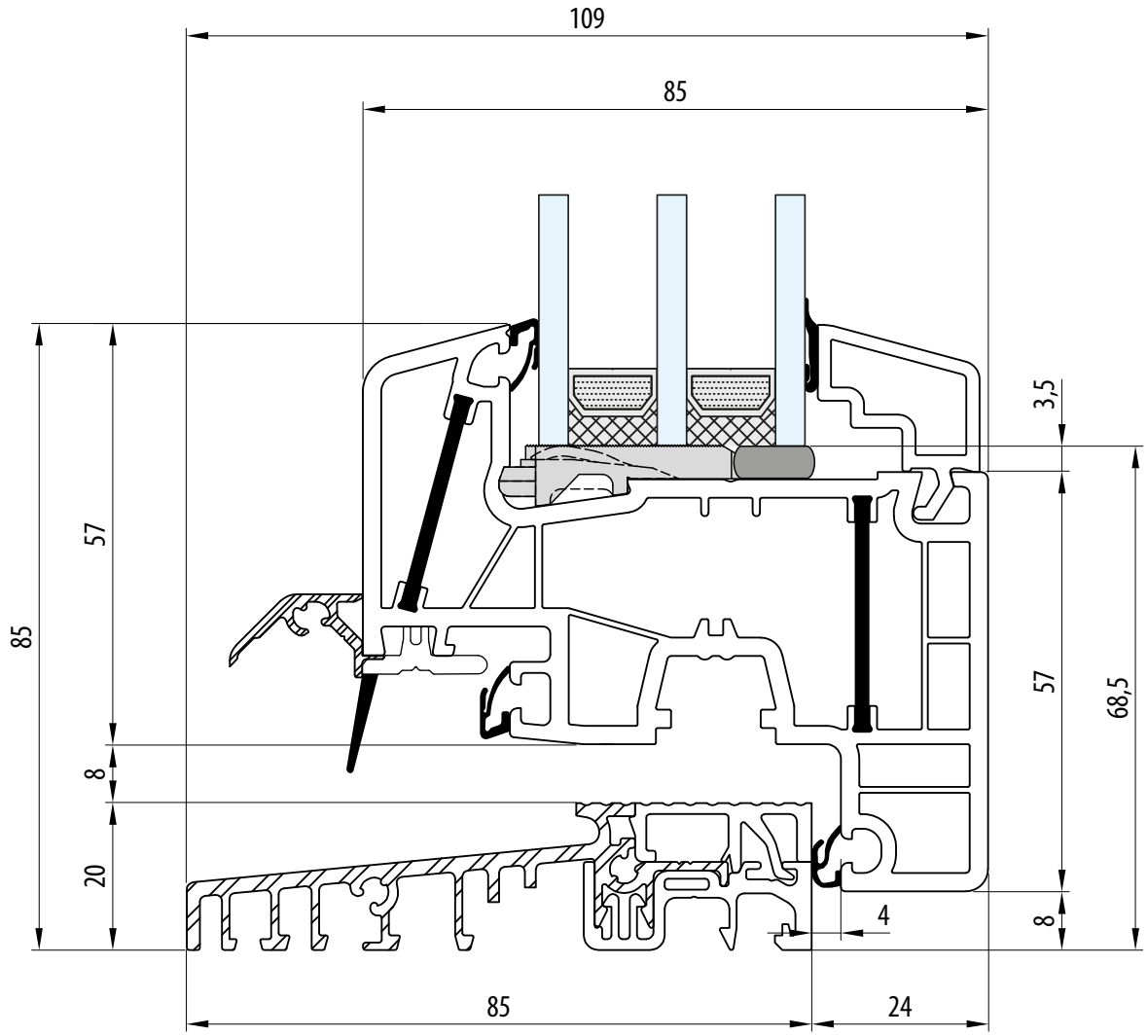


- Słupek ruchomy: 84 mm · Skrzydło: 77 mm
- Meneau mobile: 84 mm · Vantail: 77 mm
- Movable post: 84 mm · Sash: 77 mm
- Stulp: 84 mm · Flügel: 77 mm
- Montante mobile: 84 mm · Anta: 77 mm
- Verplaatsbare stijl: 84 mm · Vleugel: 77 mm

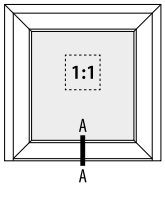


CL

SL
CL
RL

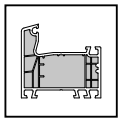


- Próg: 20 mm · Skrzydło: 77 mm
- Seuil: 20 mm · Vantail: 77 mm
- Threshold: 20 mm · Sash: 77 mm
- Schwelle: 20 mm · Flügel: 77 mm
- Soglia: 20 mm · Anta: 77 mm
- Dorpel: 20 mm · Vleugel: 77 mm

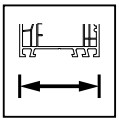


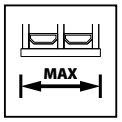
IDEAL NEO AD / MD



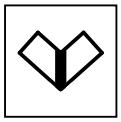

5/6


2/3


76



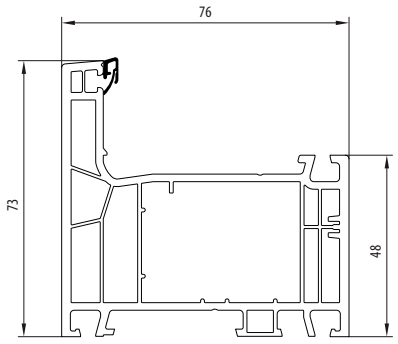
54



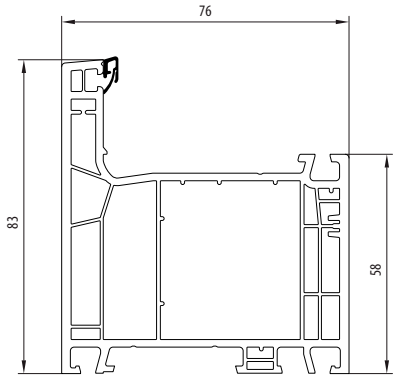


ALU

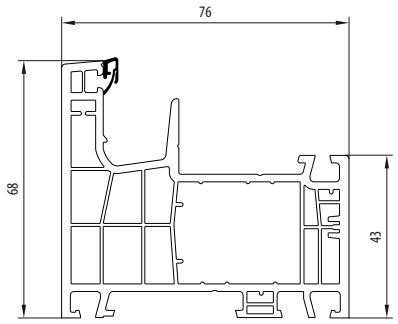




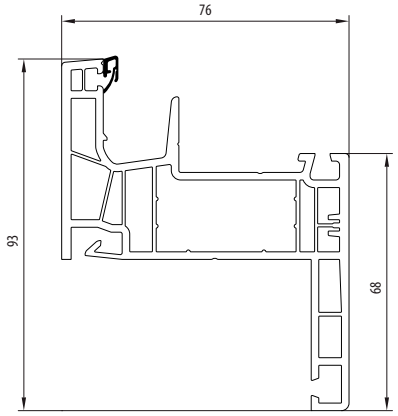
CL ALU 160x01



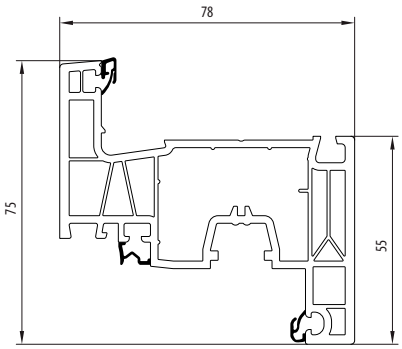
CL ALU 160x02



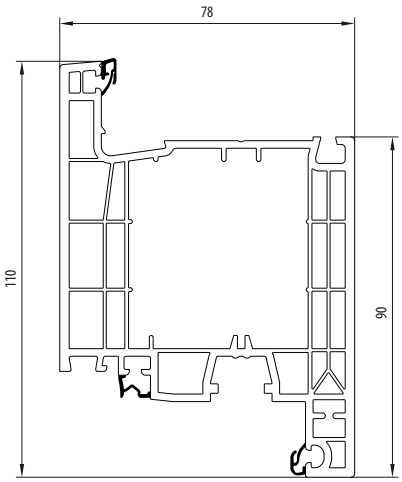
CL ALU 160x07



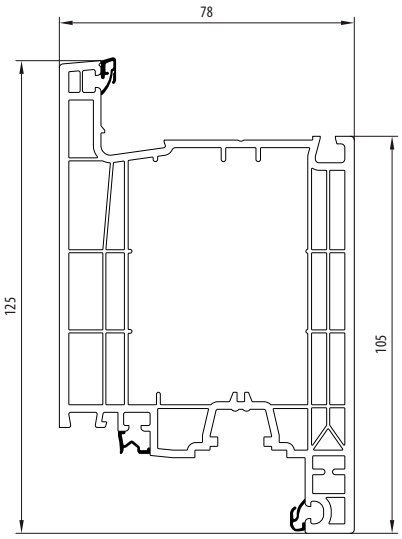
CL 160x15



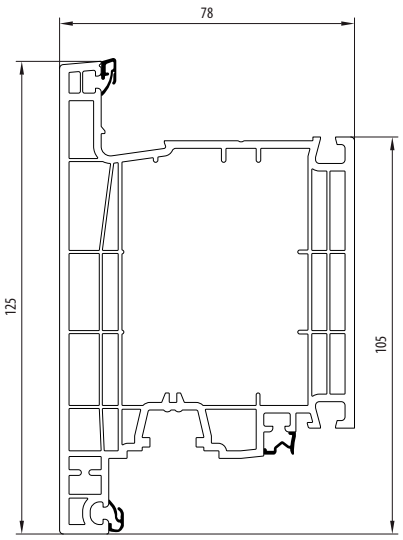
CL ALU 160x20



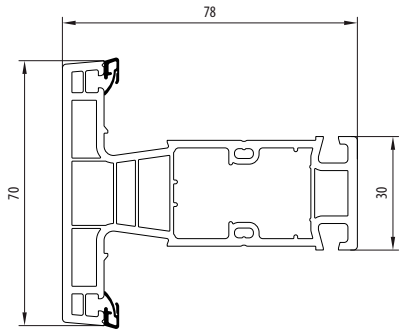
CL ALU 160x30



CL ALU 160x33

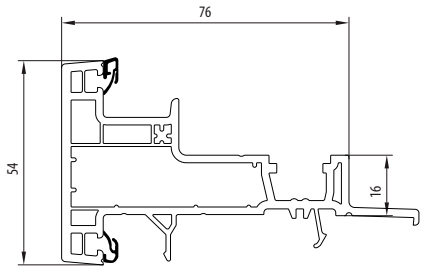


CL 160x35

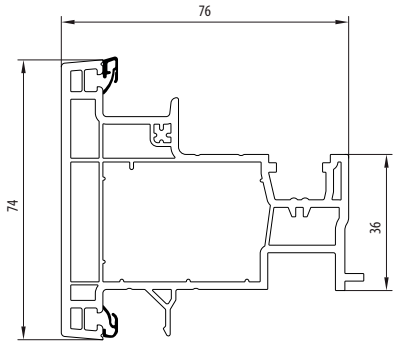


CL ALU 160x48

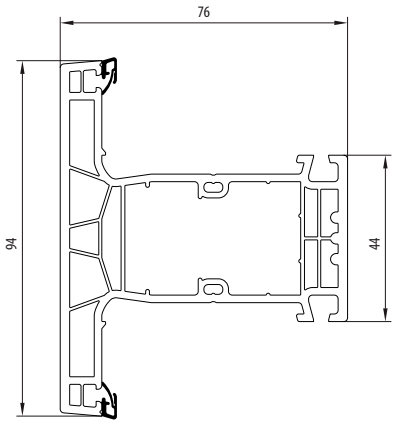
1:2



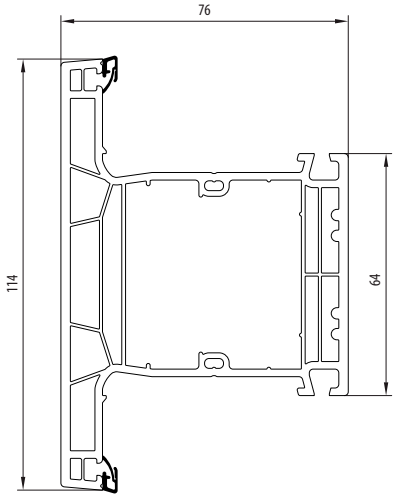
160x64



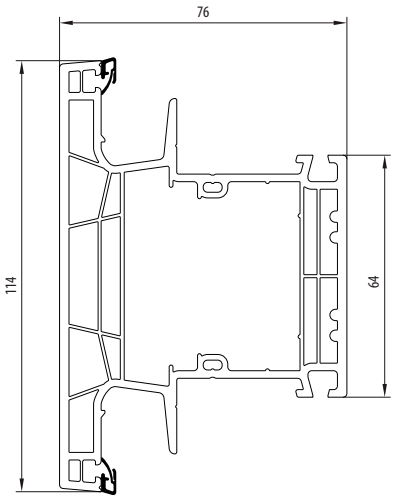
160x66



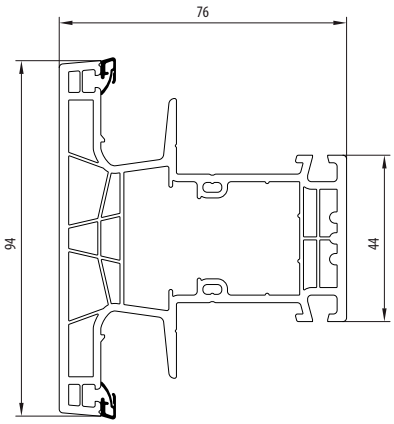
160x41



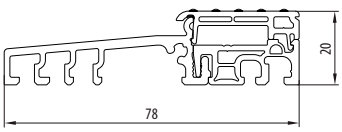
160x43



160x45



160x46

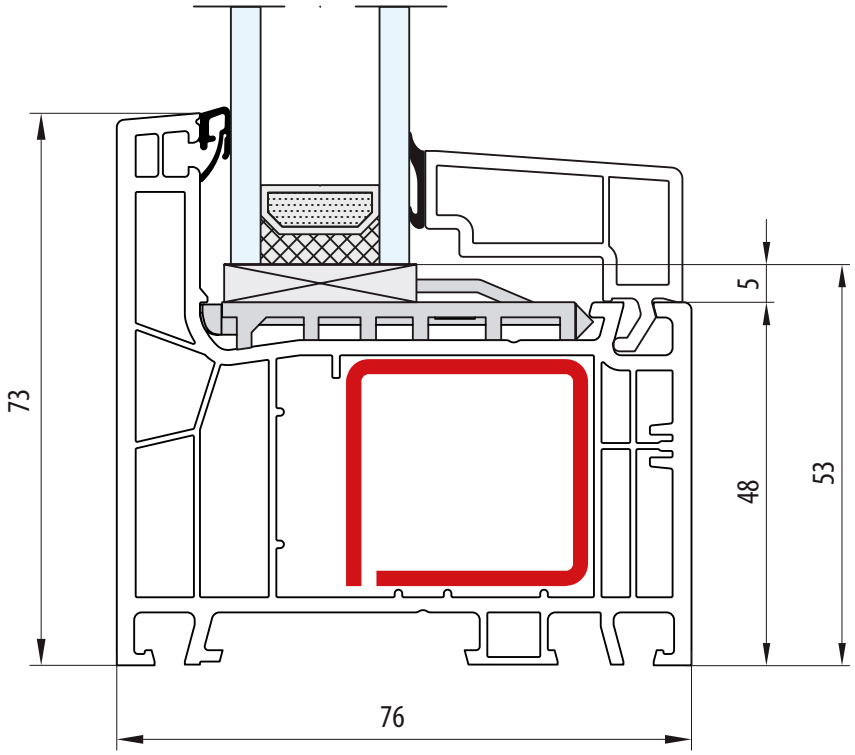


alu - 20 mm

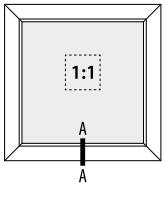
1:2

RL

SL
CL
RL

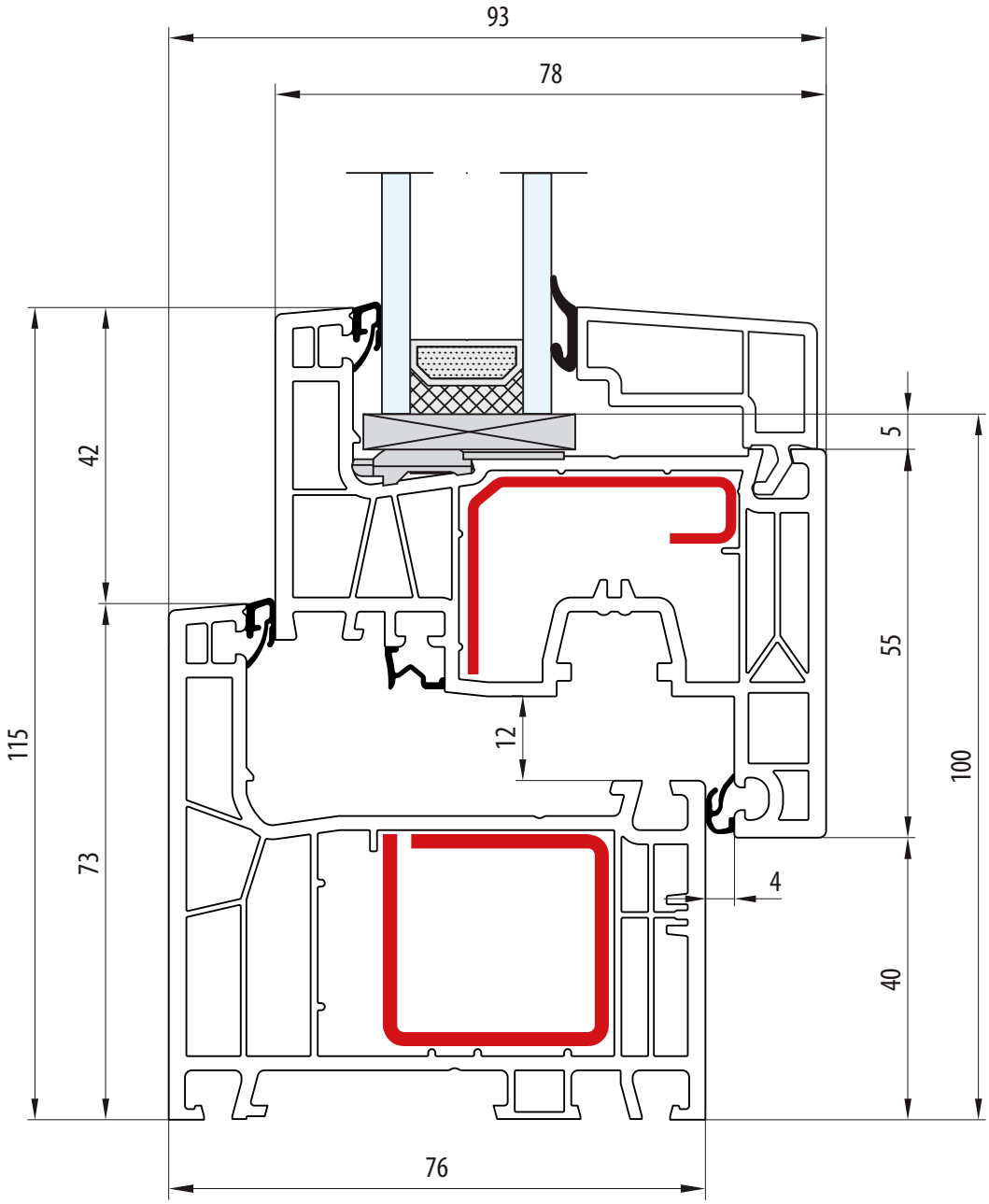


Rama: 73 mm
Dormant: 73 mm
Frame: 73 mm
Rahmen: 73 mm
Telaio: 73 mm
Kader: 73 mm

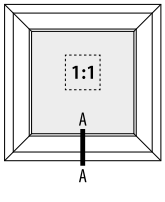


CL

SL CL RL

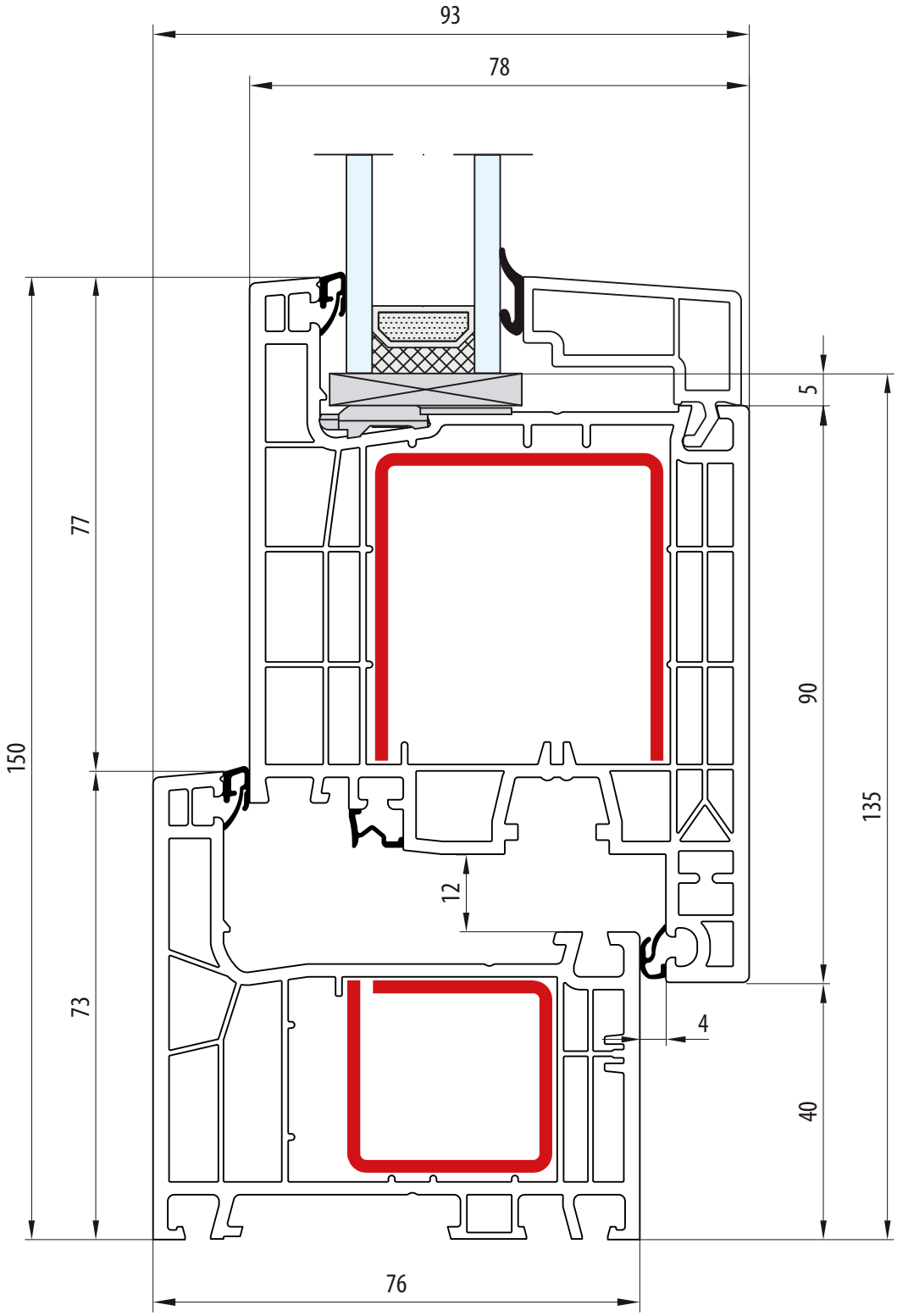


- Rama: 73 mm · Skrzydło: 75 mm
- Dormant: 73 mm · Vantail: 75 mm
- Frame: 73 mm · Sash: 75 mm
- Rahmen: 73 mm · Flügel: 75 mm
- Telaio: 73 mm · Anta: 75 mm
- Kader: 73 mm · Vleugel: 75 mm

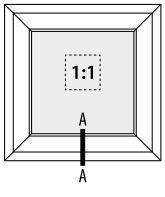


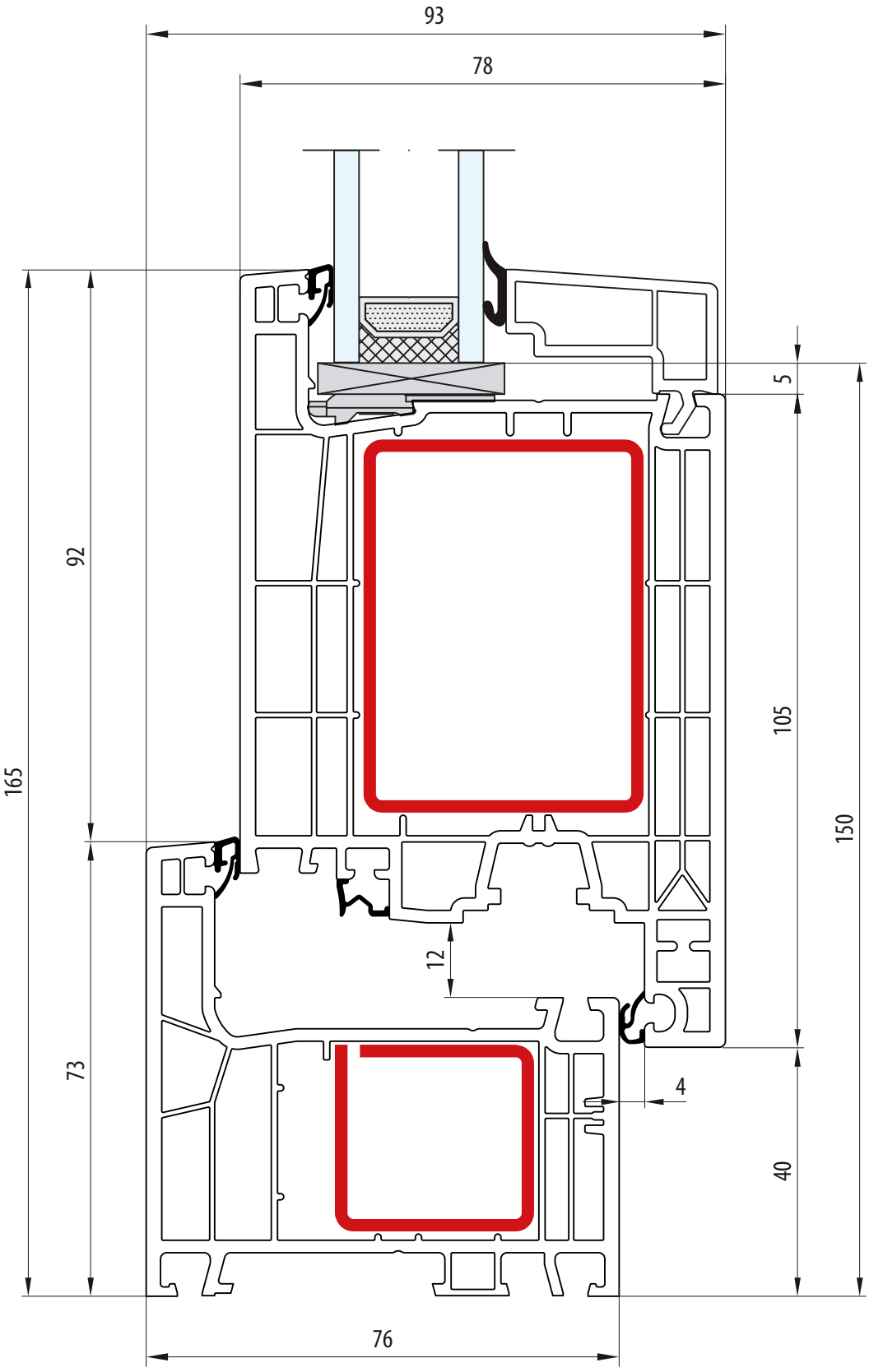
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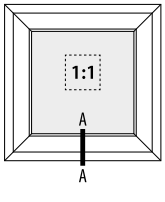


- Rama: 73 mm · Skrzydło: 110 mm
- Dormant: 73 mm · Vantail: 110 mm
- Frame: 73 mm · Sash: 110 mm
- Rahmen: 73 mm · Flügel: 110 mm
- Telaio: 73 mm · Anta: 110 mm
- Kader: 73 mm · Vleugel: 110 mm



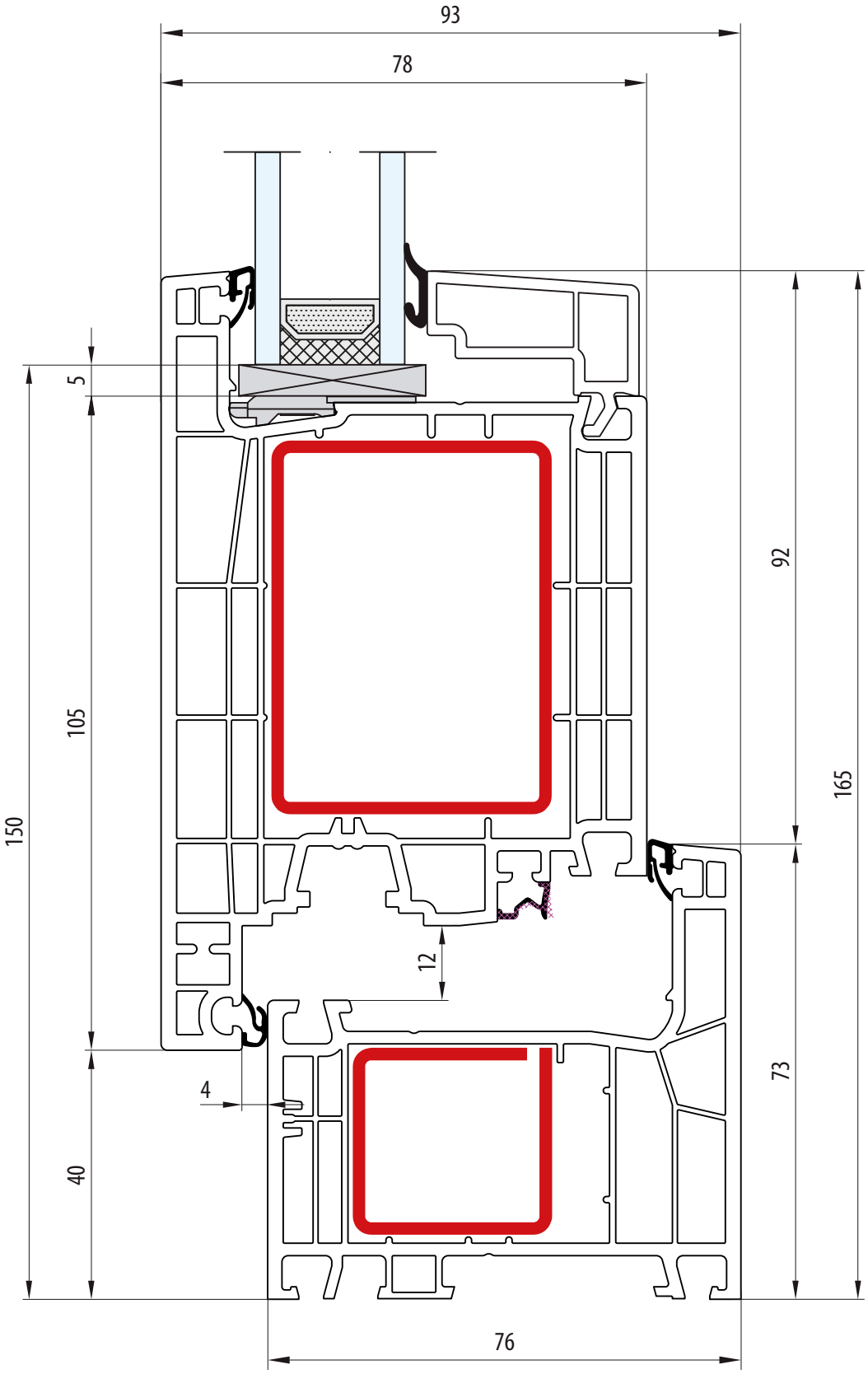


- Rama: 73 mm · Skrzydło: 125 mm
- Dormant: 73 mm · Vantail: 125 mm
- Frame: 73 mm · Sash: 125 mm
- Rahmen: 73 mm · Flügel: 125 mm
- Telaio: 73 mm · Anta: 125 mm
- Kader: 73 mm · Vleugel: 125 mm

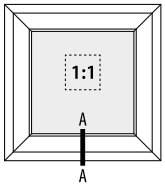


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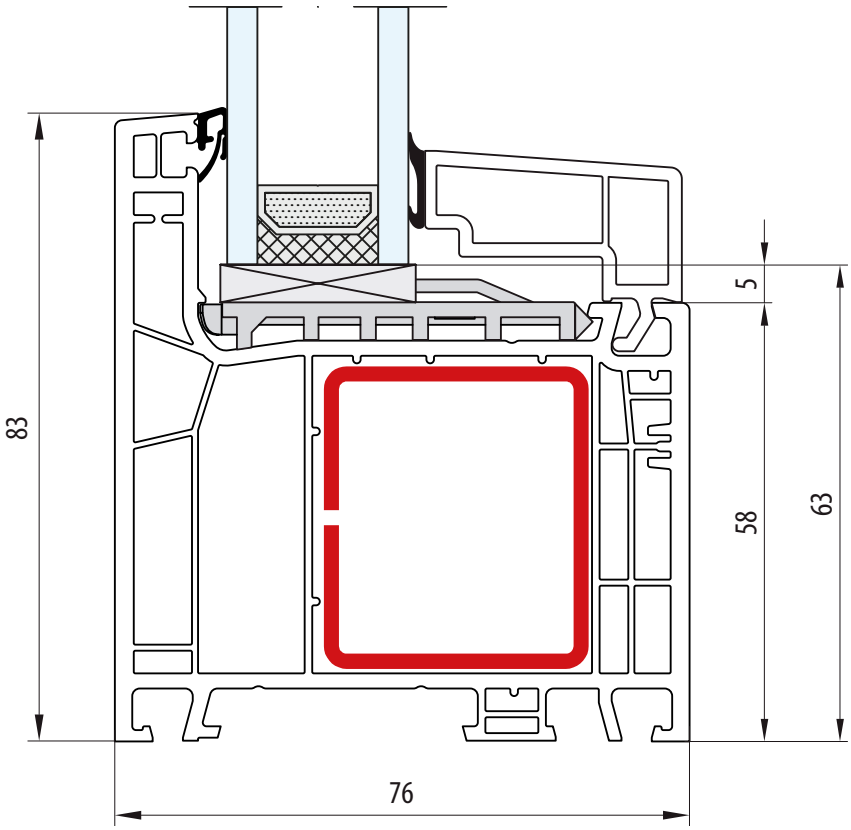


- Rama: 73 mm · Skrzydło: 125 mm
- Dormant: 73 mm · Vantail: 125 mm
- Frame: 73 mm · Sash: 125 mm
- Rahmen: 73 mm · Flügel: 125 mm
- Telaio: 73 mm · Anta: 125 mm
- Kader: 73 mm · Vleugel: 125 mm

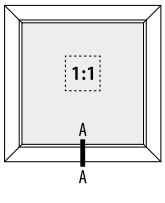


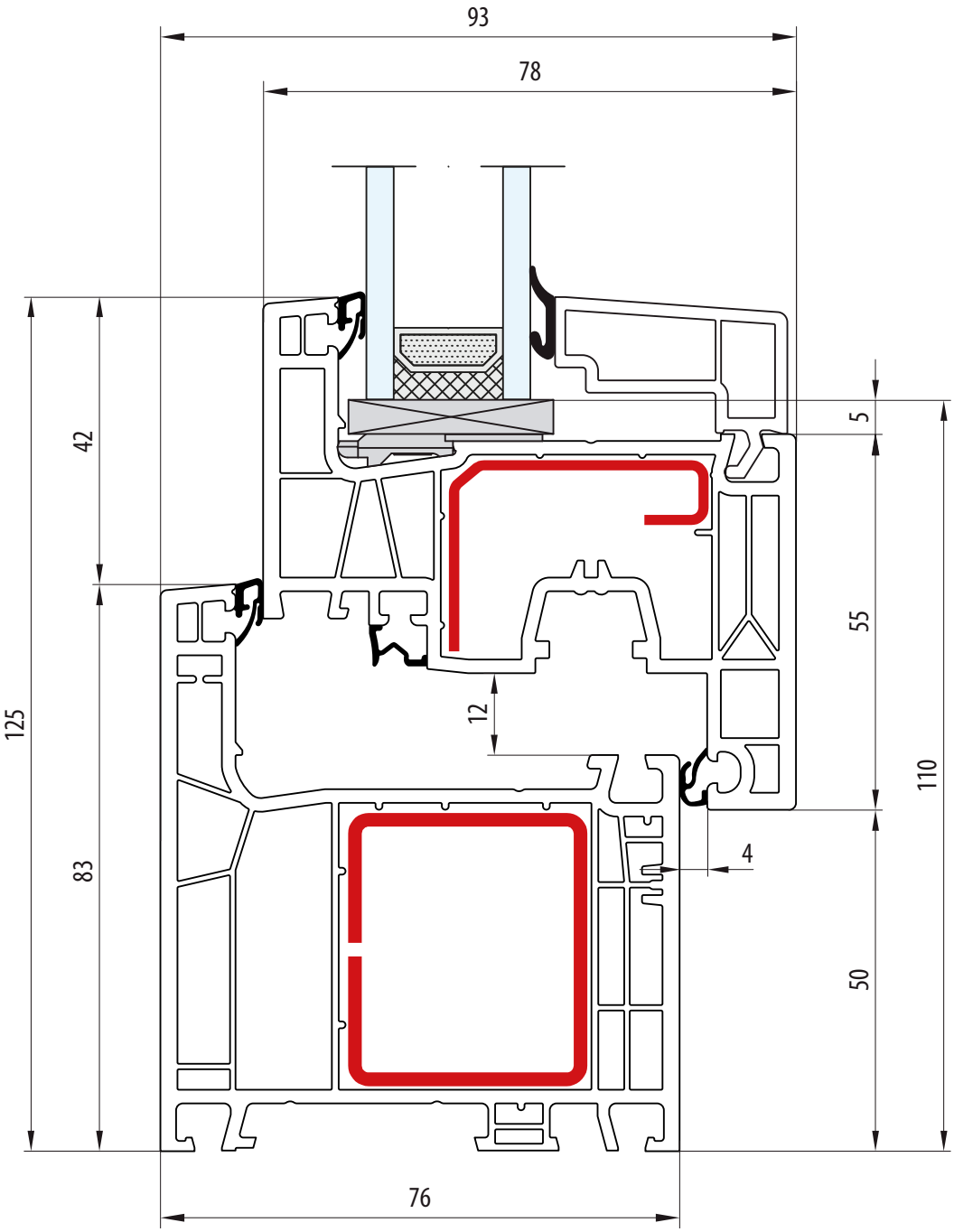
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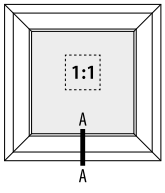


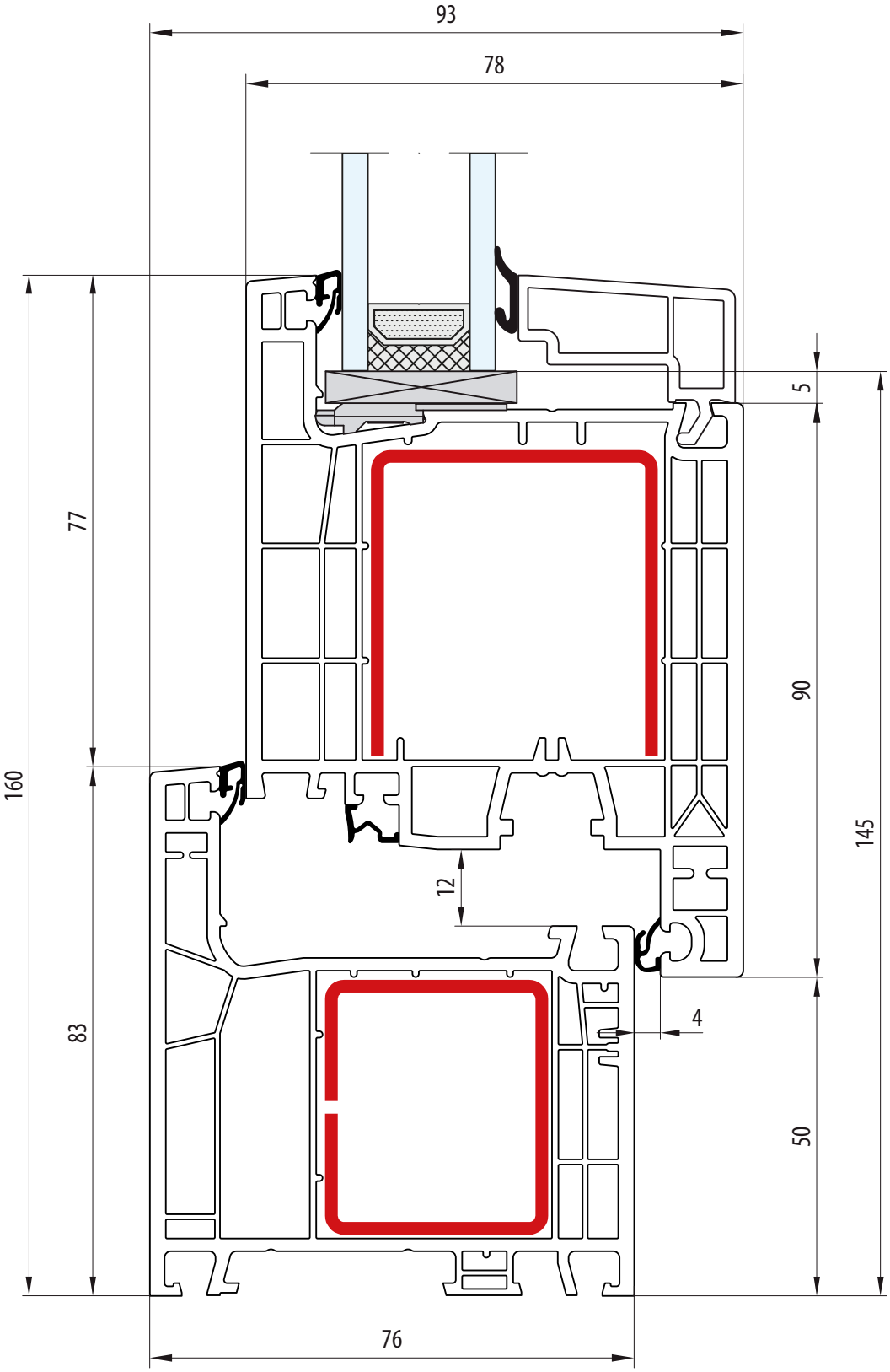
Rama: 83 mm
Dormant: 83 mm
Frame: 83 mm
Rahmen: 83 mm
Telaio: 83 mm
Kader: 83 mm



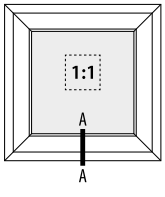


Rama: 83 mm · Skrzydło: 75 mm
Dormant: 83 mm · Vantail: 75 mm
Frame: 83 mm · Sash: 75 mm
Rahmen: 83 mm · Flügel: 75 mm
Telaio: 83 mm · Anta: 75 mm
Kader: 83 mm · Vleugel: 75 mm



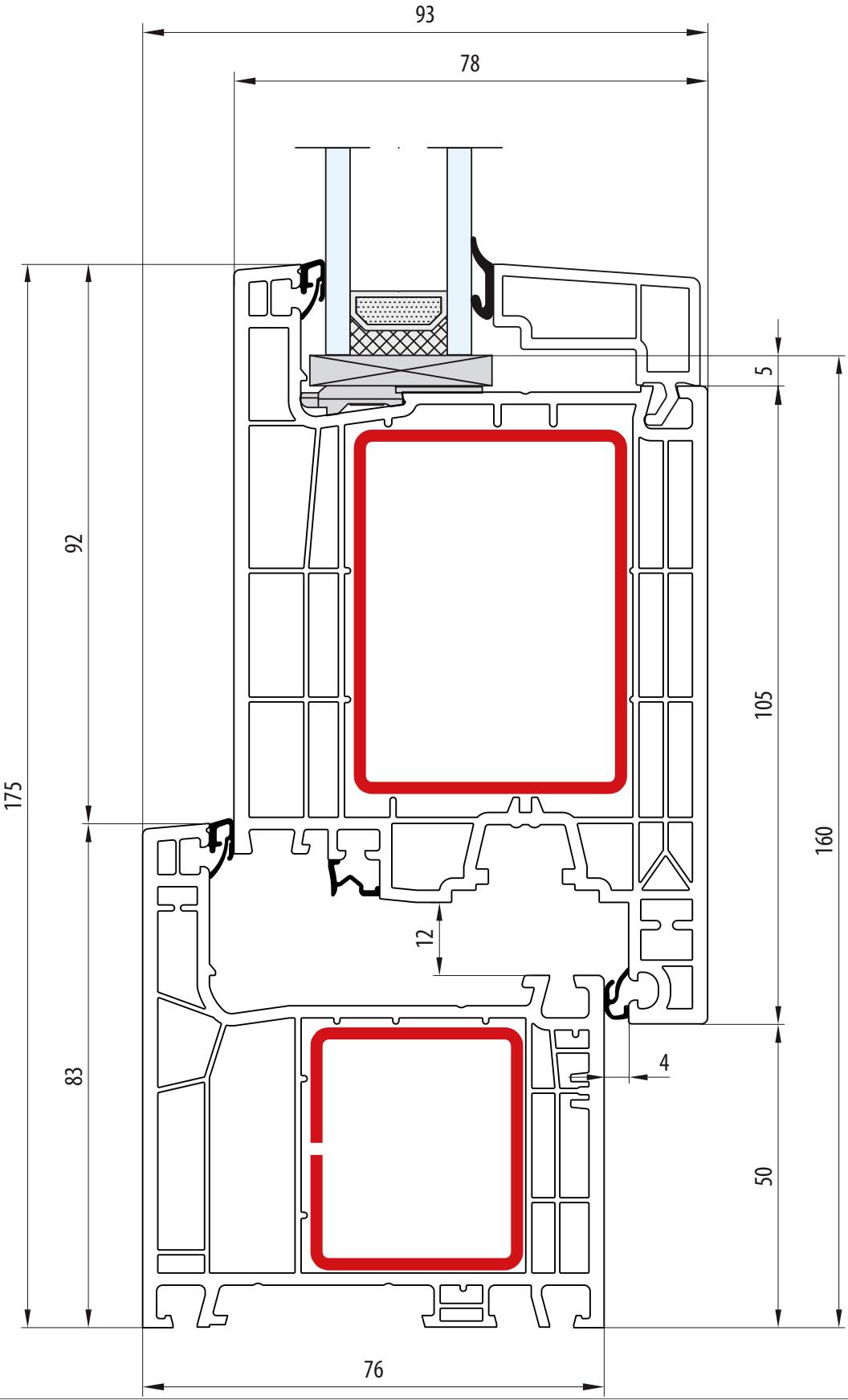


Rama: 83 mm · Skrzydło: 110 mm
Dormant: 83 mm · Vantail: 110 mm
Frame: 83 mm · Sash: 110 mm
Rahmen: 83 mm · Flügel: 110 mm
Telaio: 83 mm · Anta: 110 mm
Kader: 83 mm · Vleugel: 110 mm

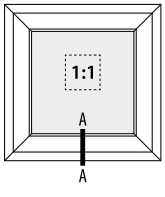


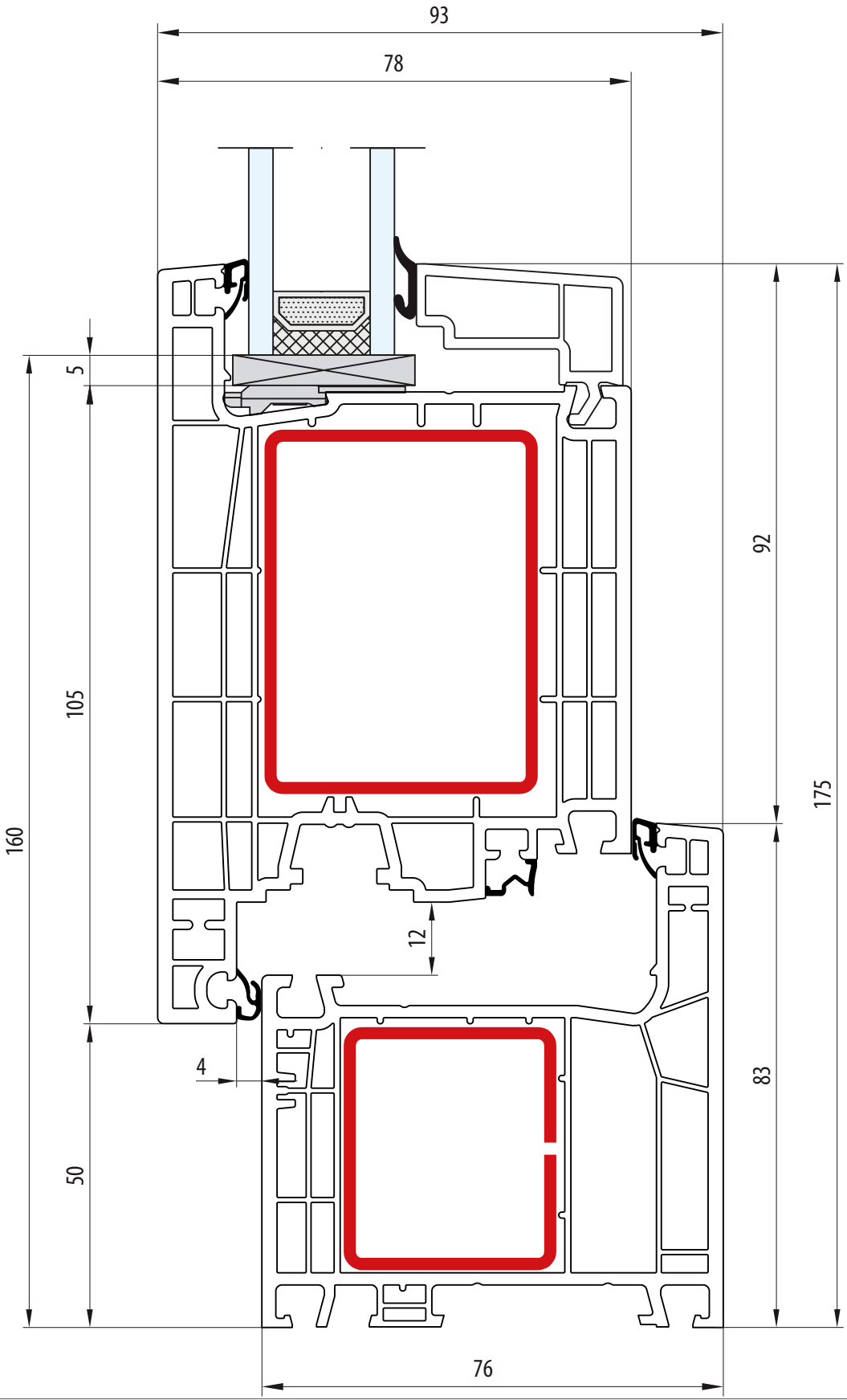
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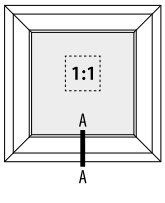


- Rama: 83 mm · Skrzydło: 125 mm
- Dormant: 83 mm · Vantail: 125 mm
- Frame: 83 mm · Sash: 125 mm
- Rahmen: 83 mm · Flügel: 125 mm
- Telaio: 83 mm · Anta: 125 mm
- Kader: 83 mm · Vleugel: 125 mm



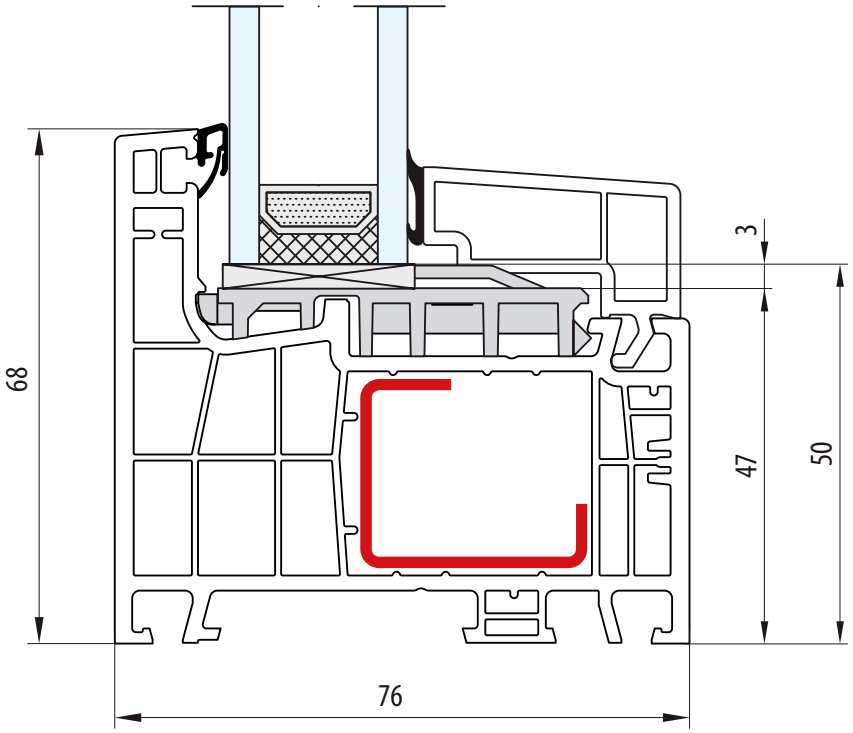


- Rama: 83 mm · Skrzydło: 125 mm
- Dormant: 83 mm · Vantail: 125 mm
- Frame: 83 mm · Sash: 125 mm
- Rahmen: 83 mm · Flügel: 125 mm
- Telaio: 83 mm · Anta: 125 mm
- Kader: 83 mm · Vleugel: 125 mm

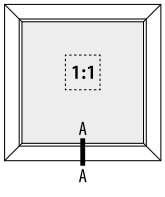


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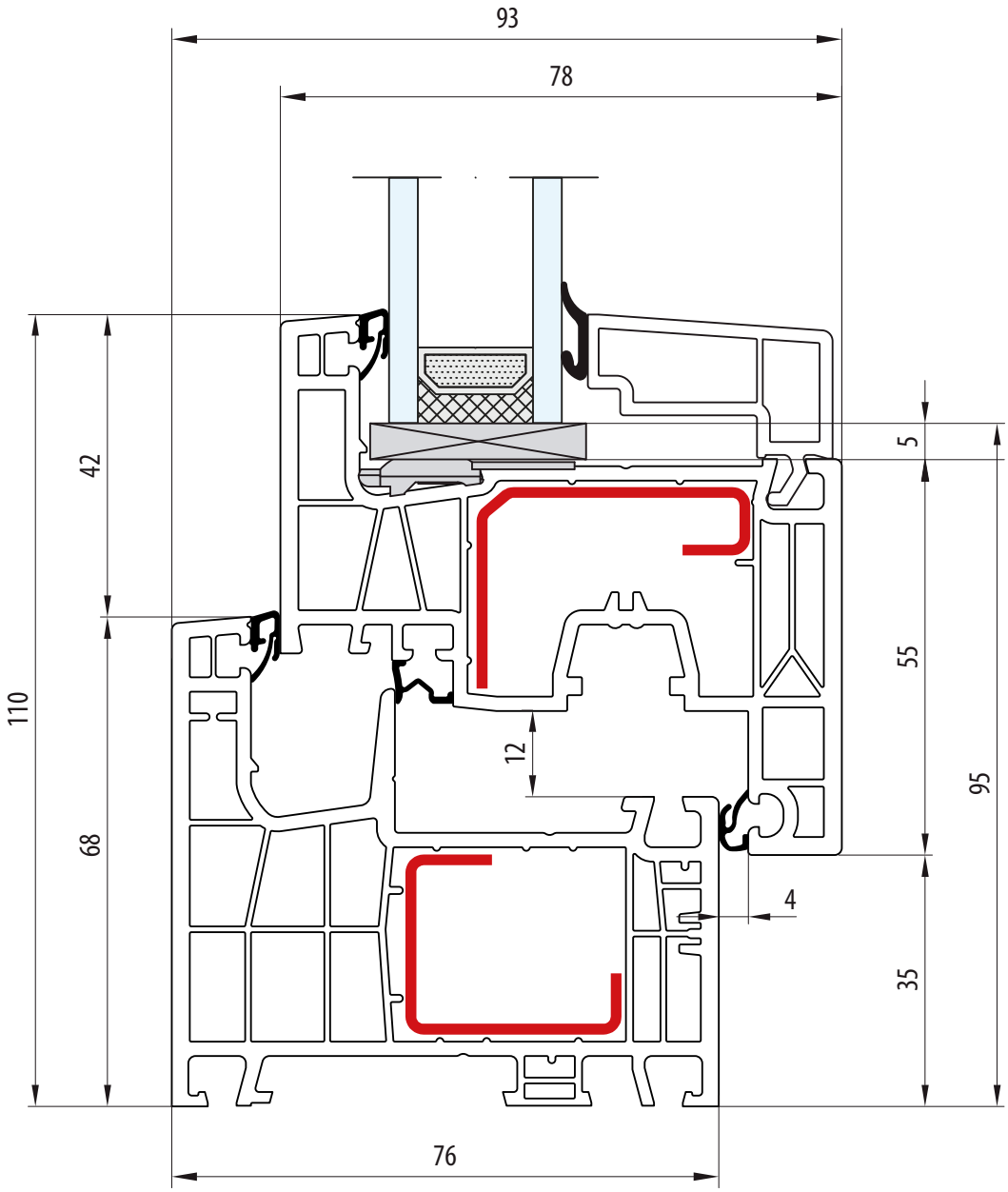


- Rama: 68 mm
- Dormant: 68 mm
- Frame: 68 mm
- Rahmen: 68 mm
- Telaio: 68 mm
- Kader: 68 mm

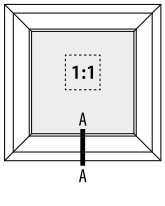


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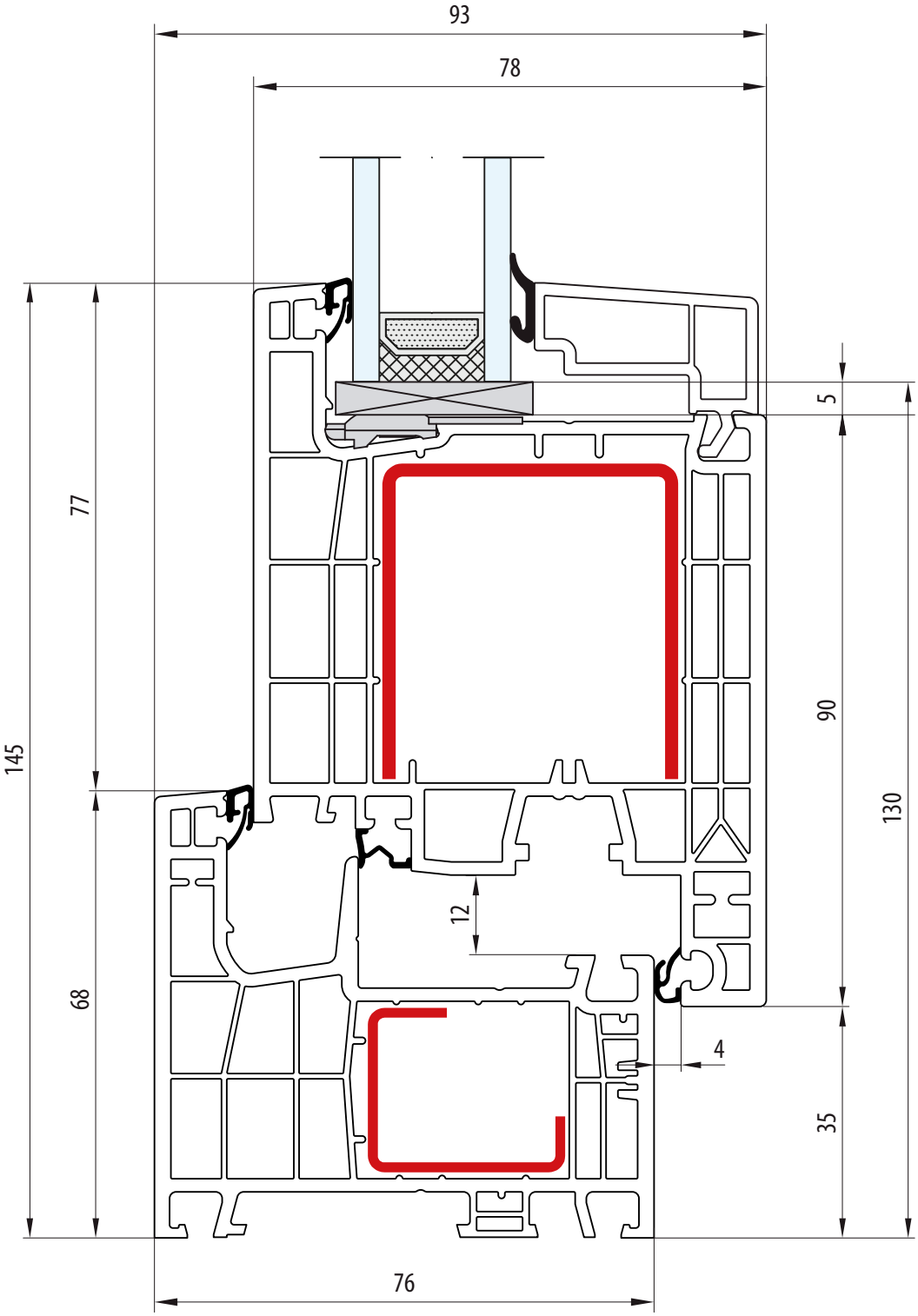


- Rama: 68 mm · Skrzydło: 75 mm
- Dormant: 68 mm · Vantail: 75 mm
- Frame: 68 mm · Sash: 75 mm
- Rahmen: 68 mm · Flügel: 75 mm
- Telaio: 68 mm · Anta: 75 mm
- Kader: 68 mm · Vleugel: 75 mm

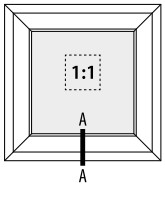


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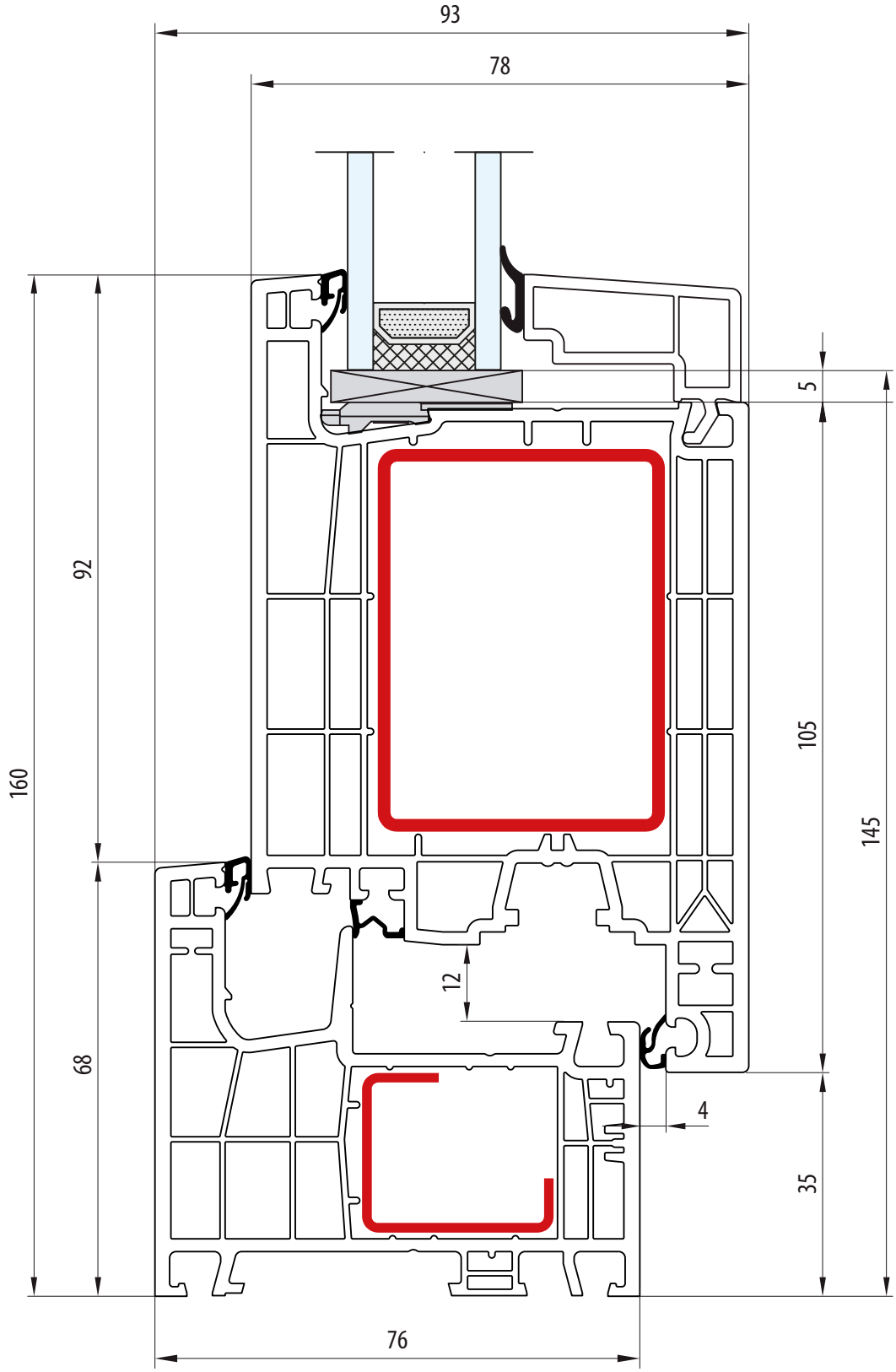
Rama: 68 mm · Skrzydło: 110 mm
Dormant: 68 mm · Vantail: 110 mm
Frame: 68 mm · Sash: 110 mm
Rahmen: 68 mm · Flügel: 110 mm
Telaio: 68 mm · Anta: 110 mm
Kader: 68 mm · Vleugel: 110 mm



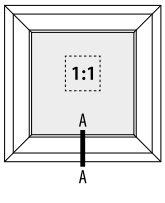






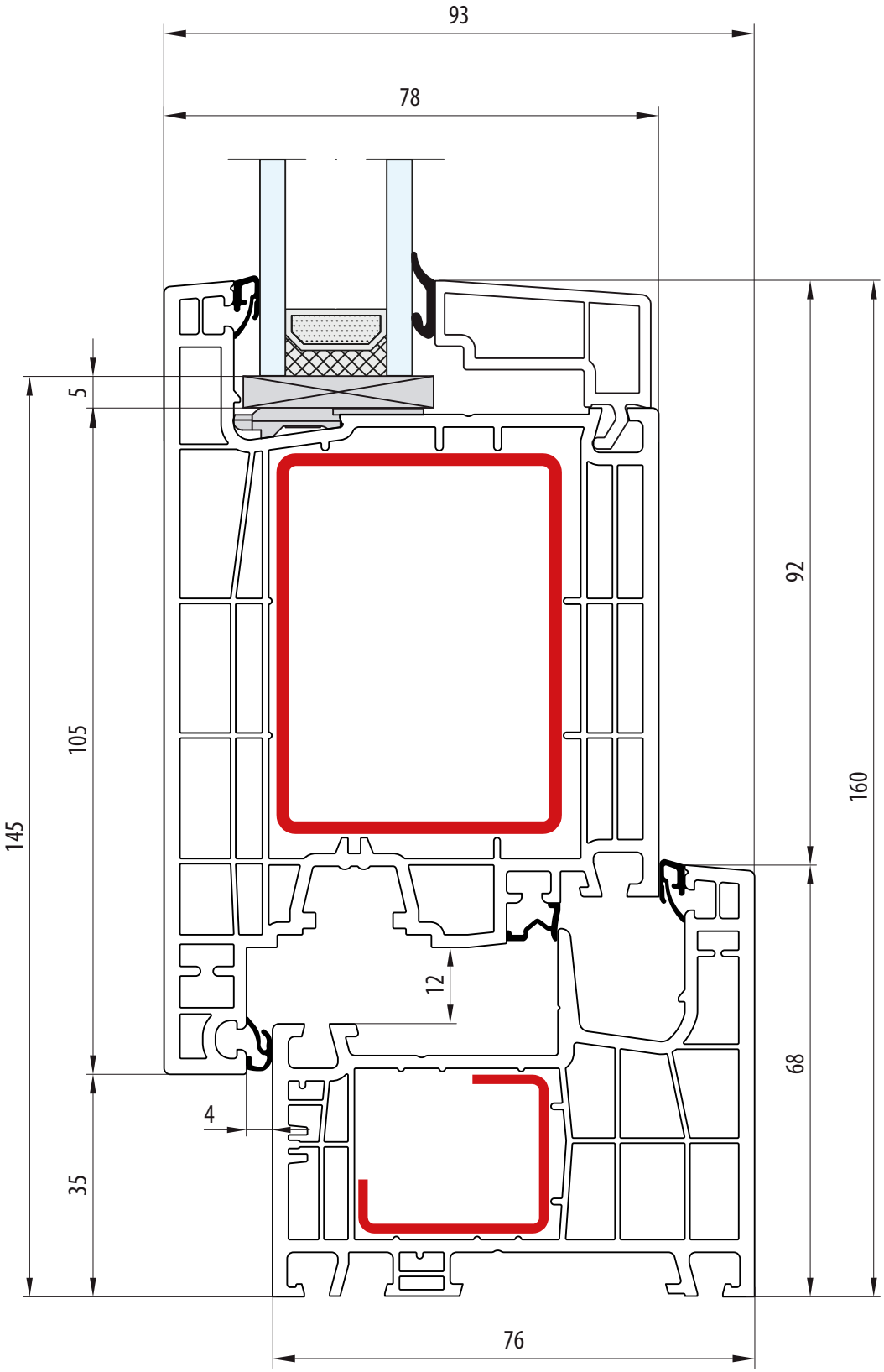



- Rama: 68 mm · Skrzydło: 125 mm
- Dormant: 68 mm · Vantail: 125 mm
- Frame: 68 mm · Sash: 125 mm
- Rahmen: 68 mm · Flügel: 125 mm
- Telaio: 68 mm · Anta: 125 mm
- Kader: 68 mm · Vleugel: 125 mm

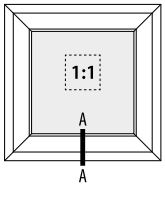


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Rama: 68 mm · Skrzydło: 125 mm
Dormant: 68 mm · Vantail: 125 mm
Frame: 68 mm · Sash: 125 mm
Rahmen: 68 mm · Flügel: 125 mm
Telaio: 68 mm · Anta: 125 mm
Kader: 68 mm · Vleugel: 125 mm

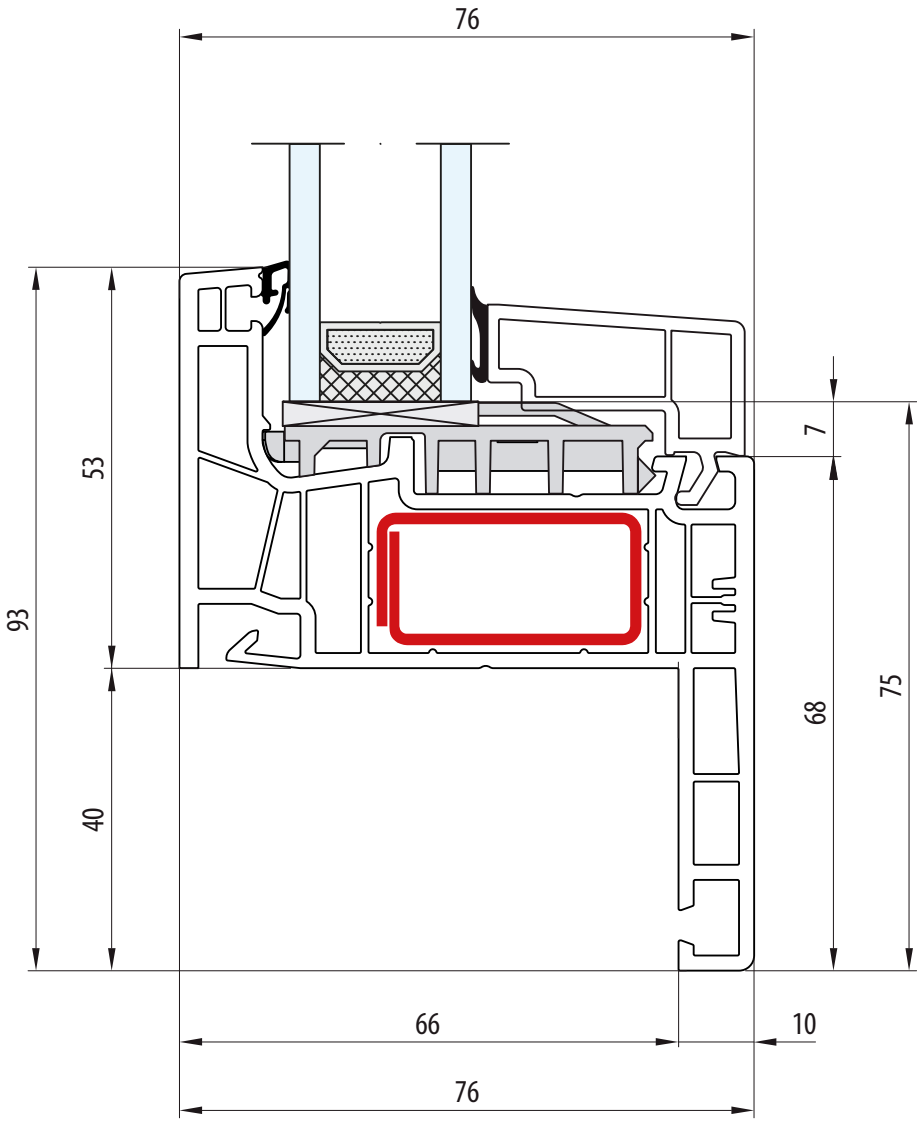




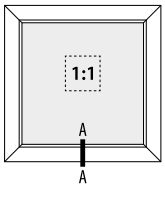






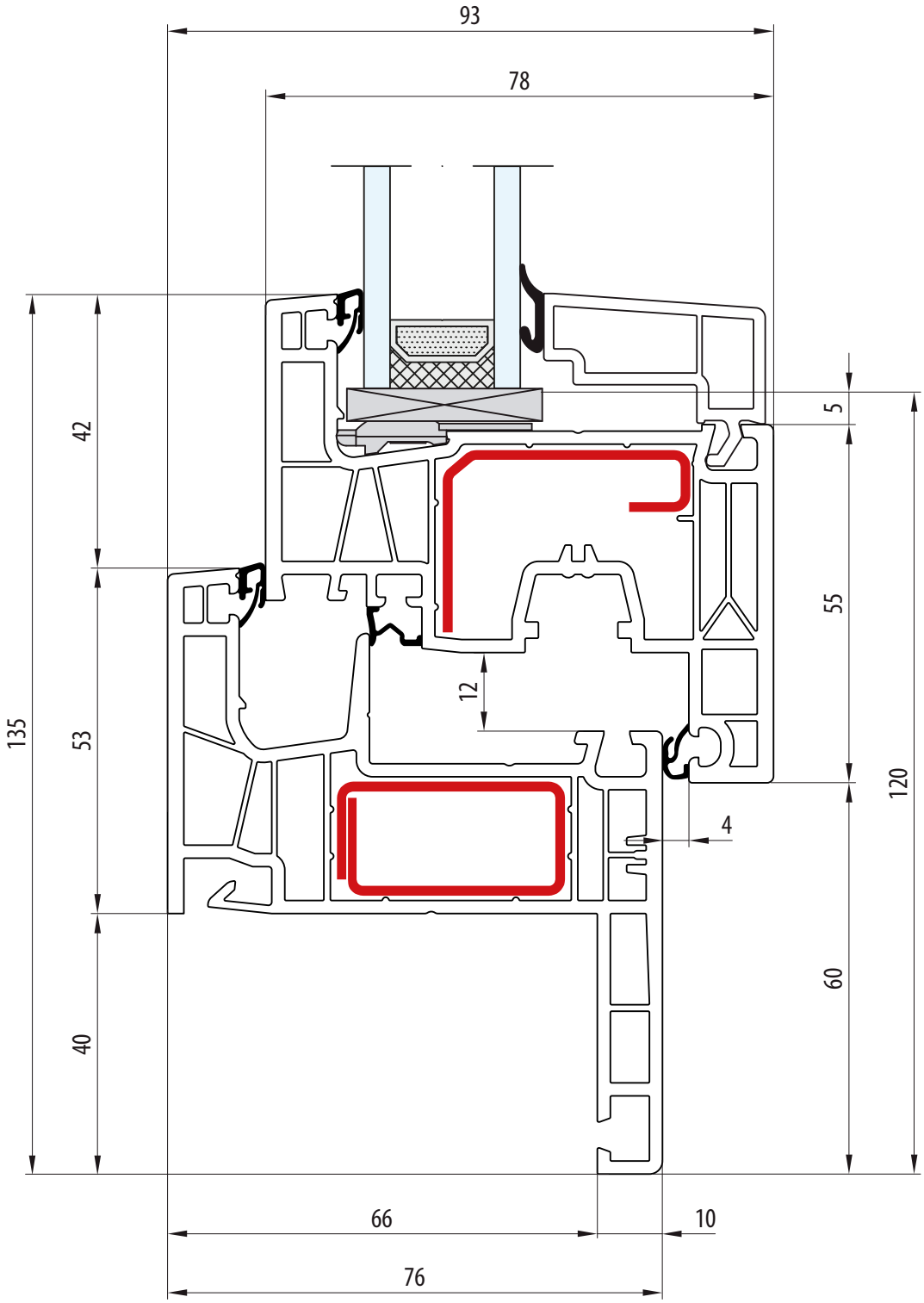


- Rama: 93 mm
- Dormant: 93 mm
- Frame: 93 mm
- Rahmen: 93 mm
- Telaio: 93 mm
- Kader: 93 mm

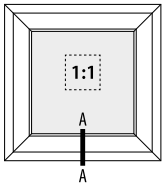


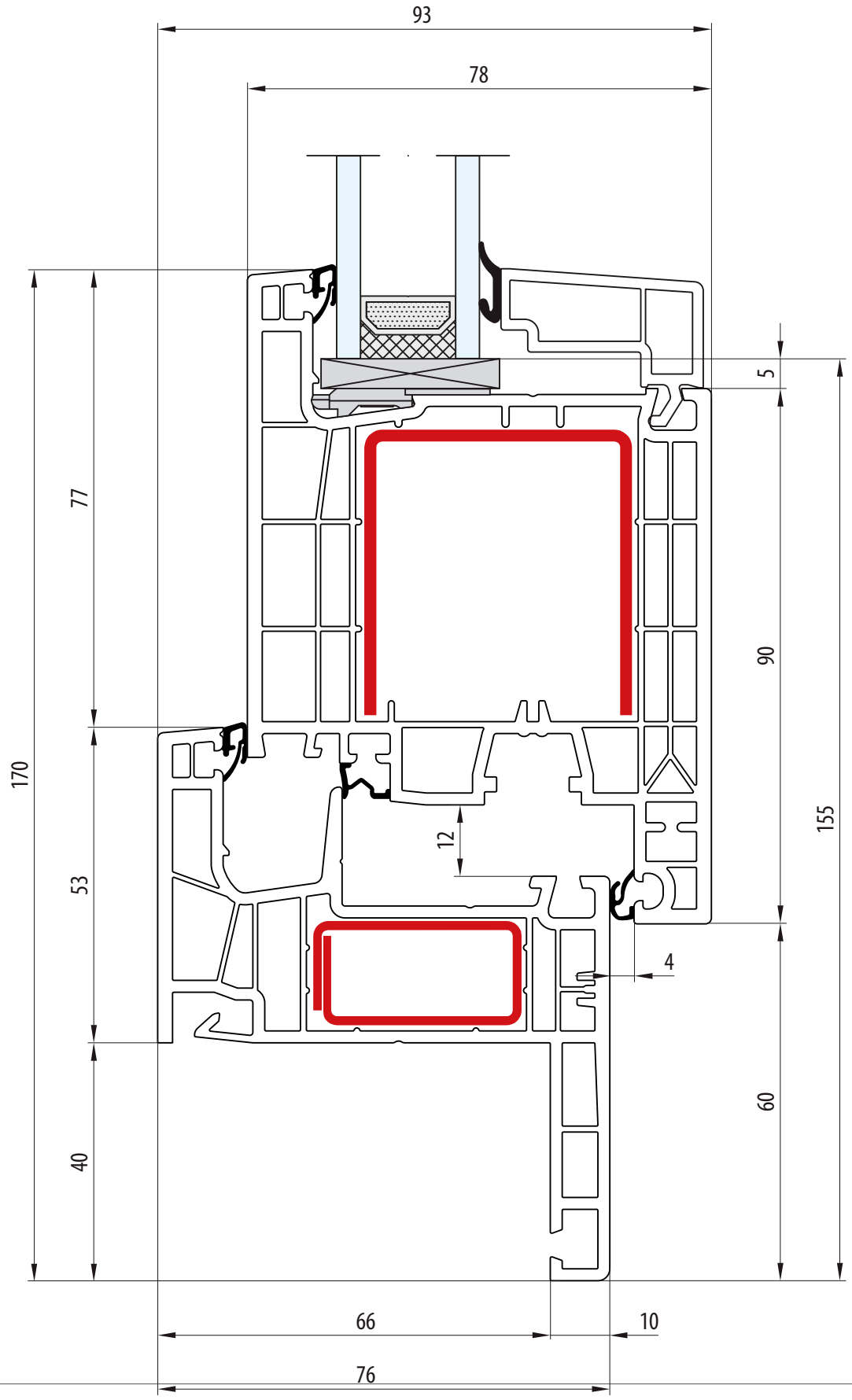
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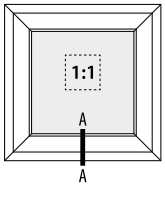


Rama: 93 mm · Skrzydło: 75 mm
Dormant: 93 mm · Vantail: 75 mm
Frame: 93 mm · Sash: 75 mm
Rahmen: 93 mm · Flügel: 75 mm
Telaio: 93 mm · Anta: 75 mm
Kader: 93 mm · Vleugel: 75 mm



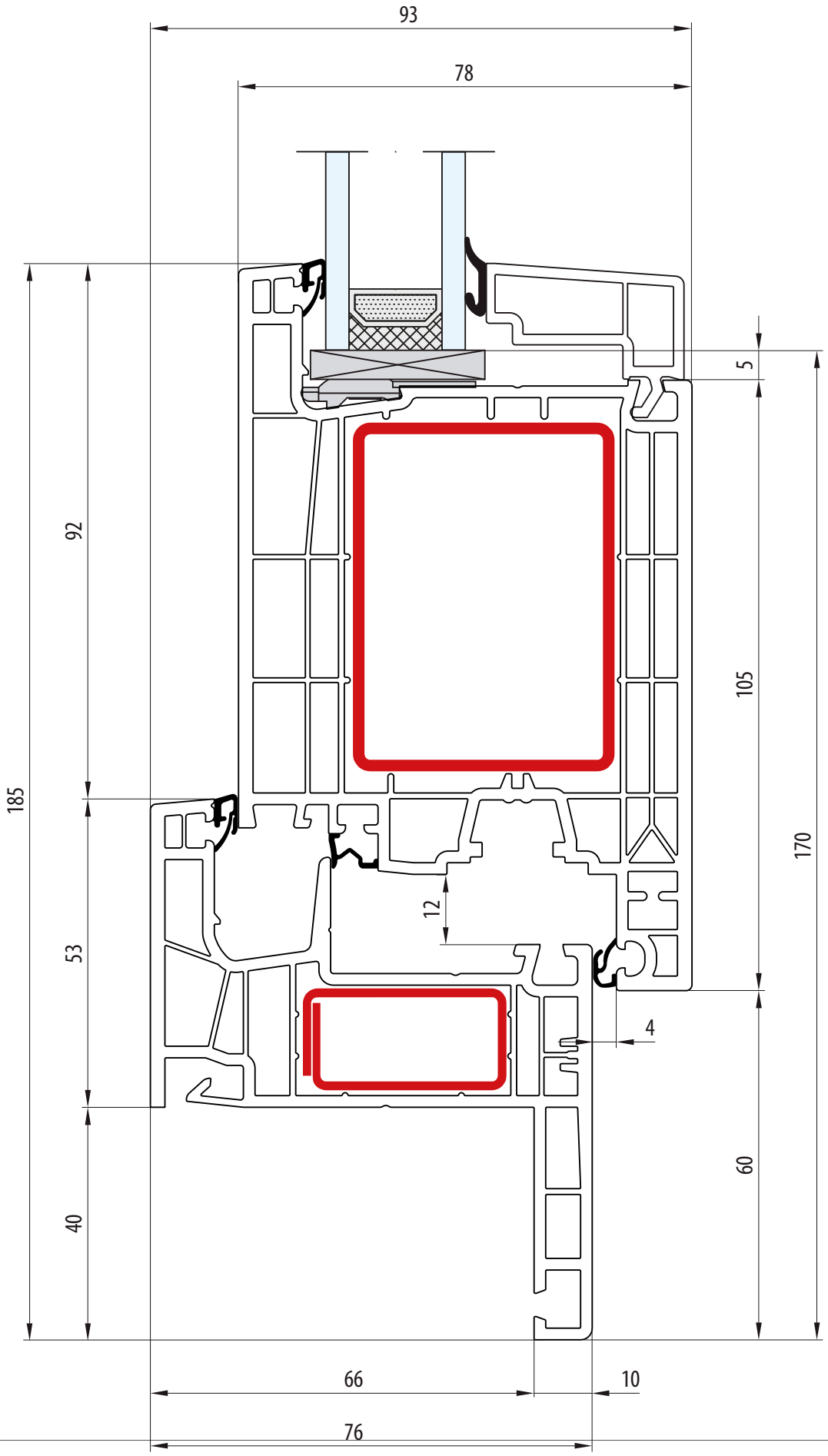


- Rama: 93 mm · Skrzydło: 110 mm
- Dormant: 93 mm · Vantail: 110 mm
- Frame: 93 mm · Sash: 110 mm
- Rahmen: 93 mm · Flügel: 110 mm
- Telaio: 93 mm · Anta: 110 mm
- Kader: 93 mm · Vleugel: 110 mm

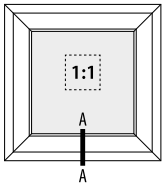


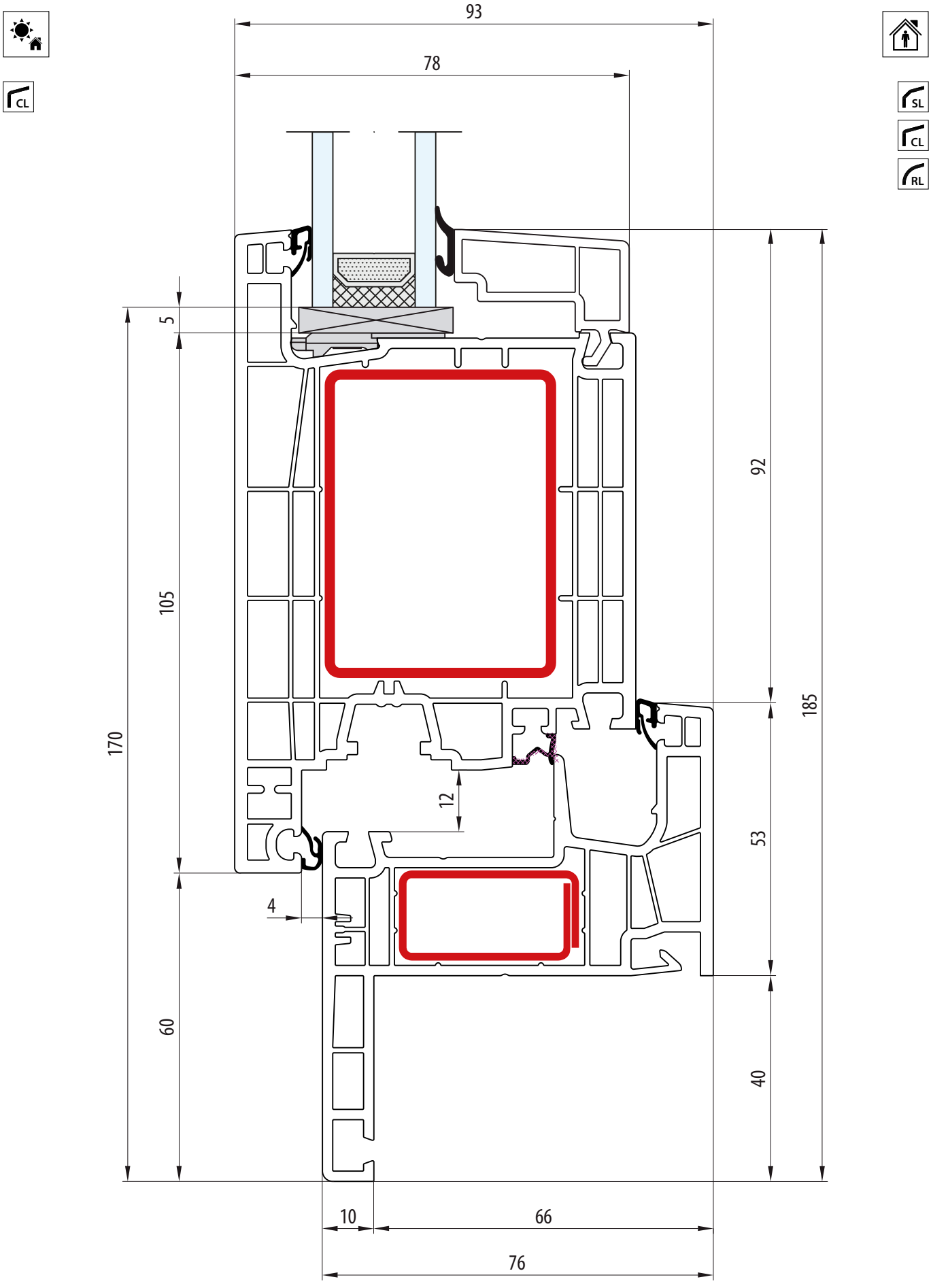
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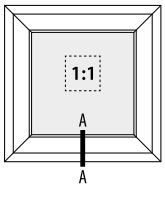


Rama: 93 mm · Skrzydło: 125 mm
Dormant: 93 mm · Vantail: 125 mm
Frame: 93 mm · Sash: 125 mm
Rahmen: 93 mm · Flügel: 125 mm
Telaio: 93 mm · Anta: 125 mm
Kader: 93 mm · Vleugel: 125 mm



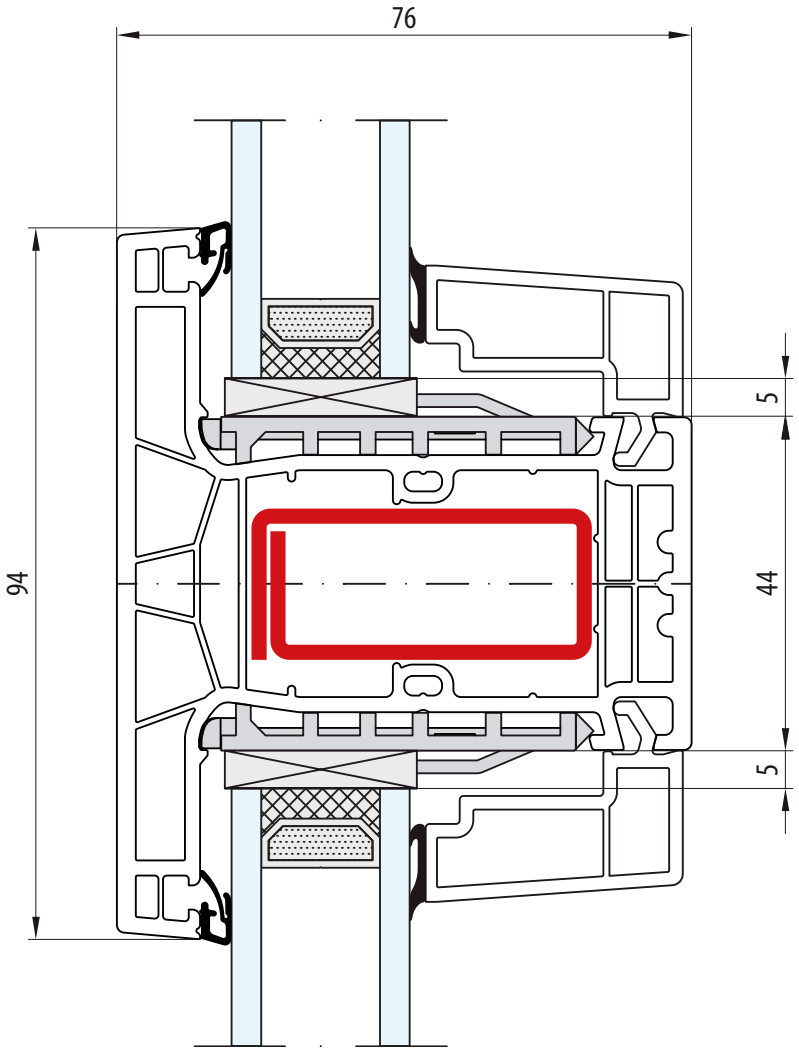


- Rama: 93 mm · Skrzydło: 125 mm
- Dormant: 93 mm · Vantail: 125 mm
- Frame: 93 mm · Sash: 125 mm
- Rahmen: 93 mm · Flügel: 125 mm
- Telaio: 93 mm · Anta: 125 mm
- Kader: 93 mm · Vleugel: 125 mm

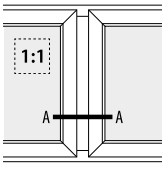


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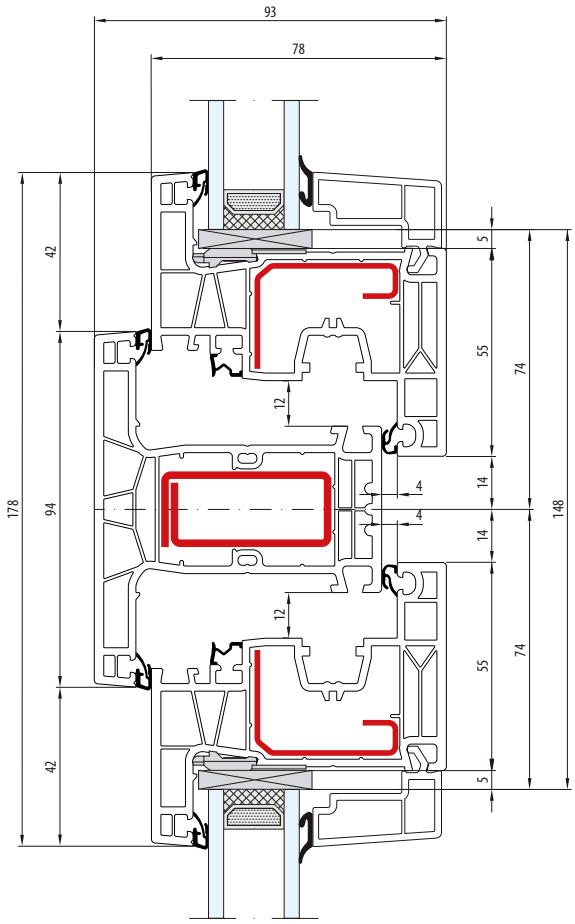


- Słupek stały: 94 mm
- Meneau fixe: 94 mm
- Fix post: 94 mm
- Festem Pfahl: 94 mm
- Montante fisso: 94 mm
- Vaste stijl: 94 mm

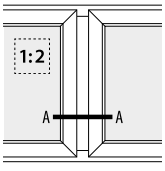


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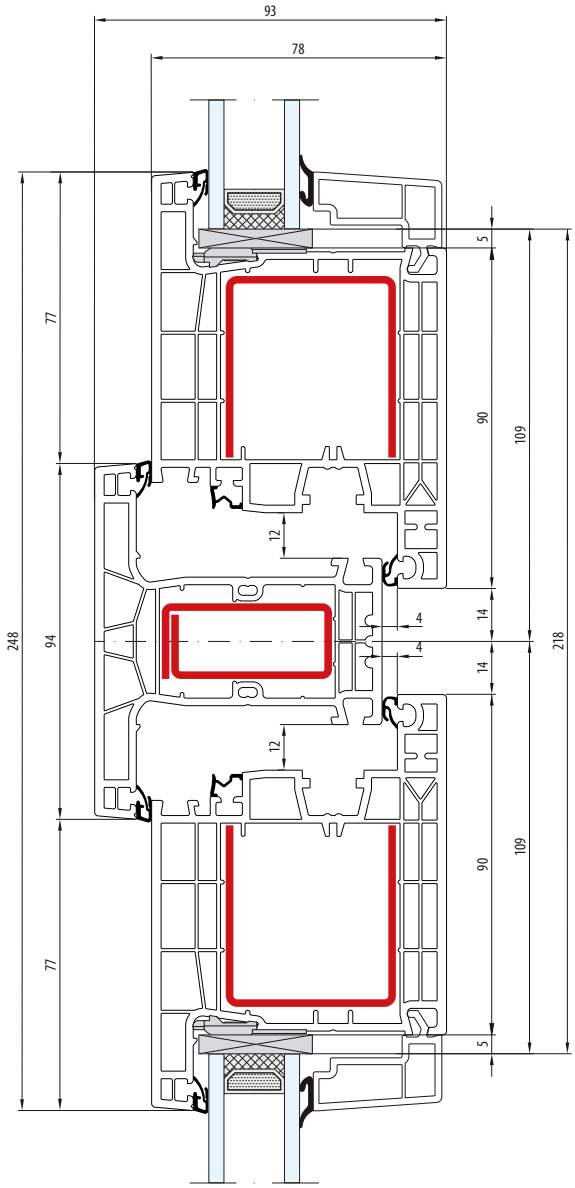


- Słupek stały: 94 mm · Skrzydło: 75 mm
- Meneau fixe: 94 mm · Vantail: 75 mm
- Fix post: 94 mm · Sash: 75 mm
- Festem Pfahl: 94 mm · Flügel: 75 mm
- Montante fisso: 94 mm · Anta: 75 mm
- Vaste stijl: 94 mm · Vleugel: 75 mm

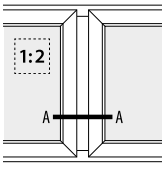


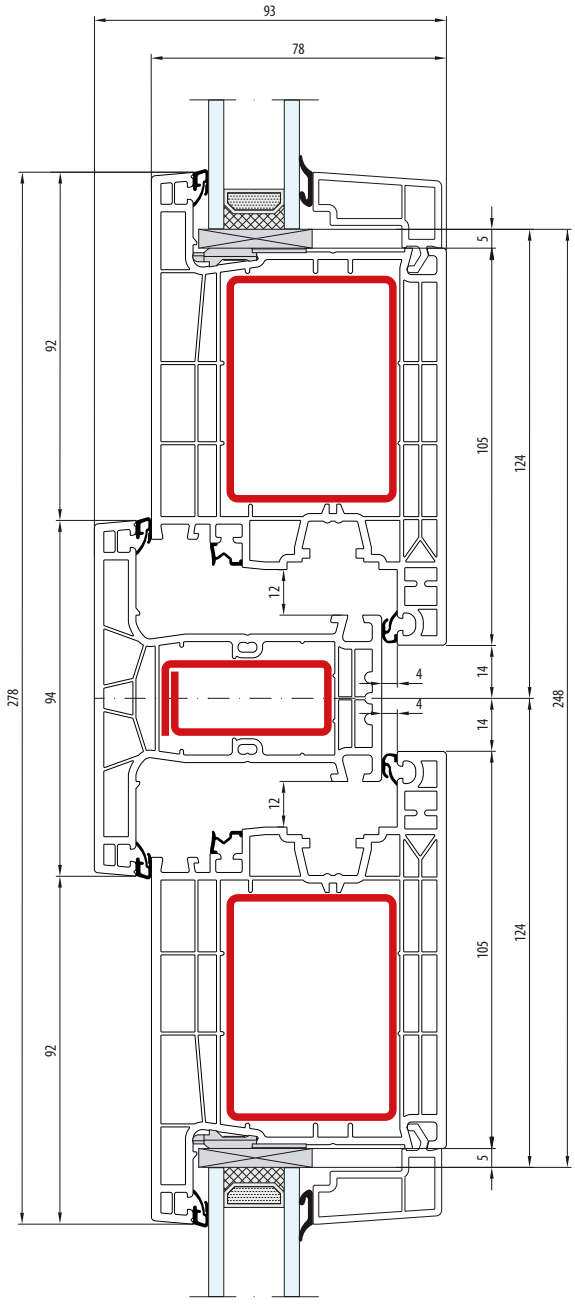
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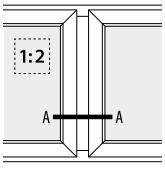


Słupek stały: 94 mm · Skrzydło: 110 mm
Meneau fixe: 94 mm · Vantail: 110 mm
Fix post: 94 mm · Sash: 110 mm
Festem Pfahl: 94 mm · Flügel: 110 mm
Montante fisso: 94 mm · Anta: 110 mm
Vaste stijl: 94 mm · Vleugel: 110 mm



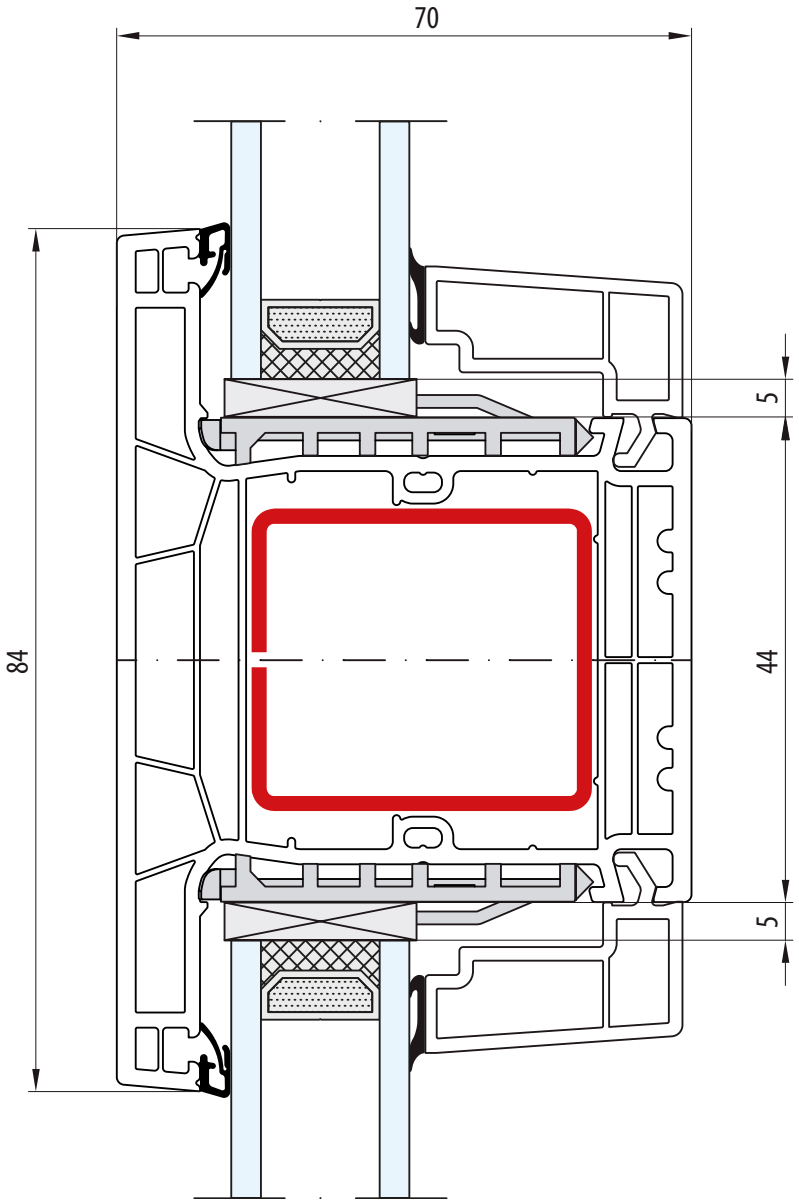


- Słupek stały: 94 mm · Skrzydło:125 mm
- Meneau fixe: 94 mm · Vantail: 125 mm
- Fix post: 94 mm · Sash: 125 mm
- Festem Pfahl: 94 mm · Flügel: 125 mm
- Montante fisso: 94 mm · Anta: 125 mm
- Vaste stijl: 94 mm · Vleugel: 125 mm

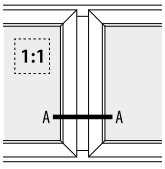


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- Słupek stały: 114 mm
- Meneau fixe: 114 mm
- Fix post: 114 mm
- Festem Pfahl: 114 mm
- Montante fisso: 114 mm
- Vaste stijl: 114 mm





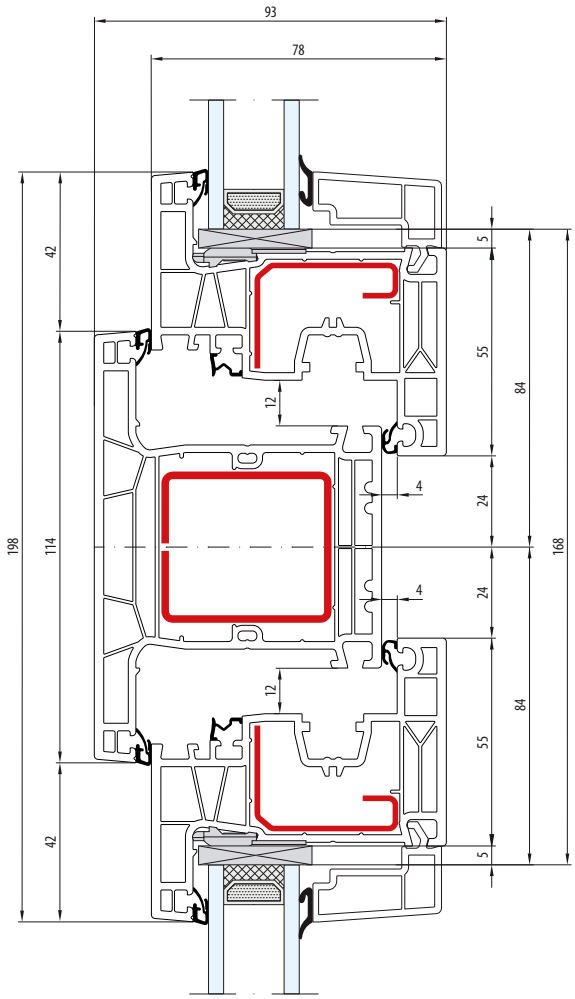




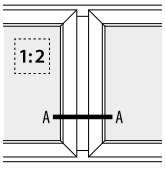






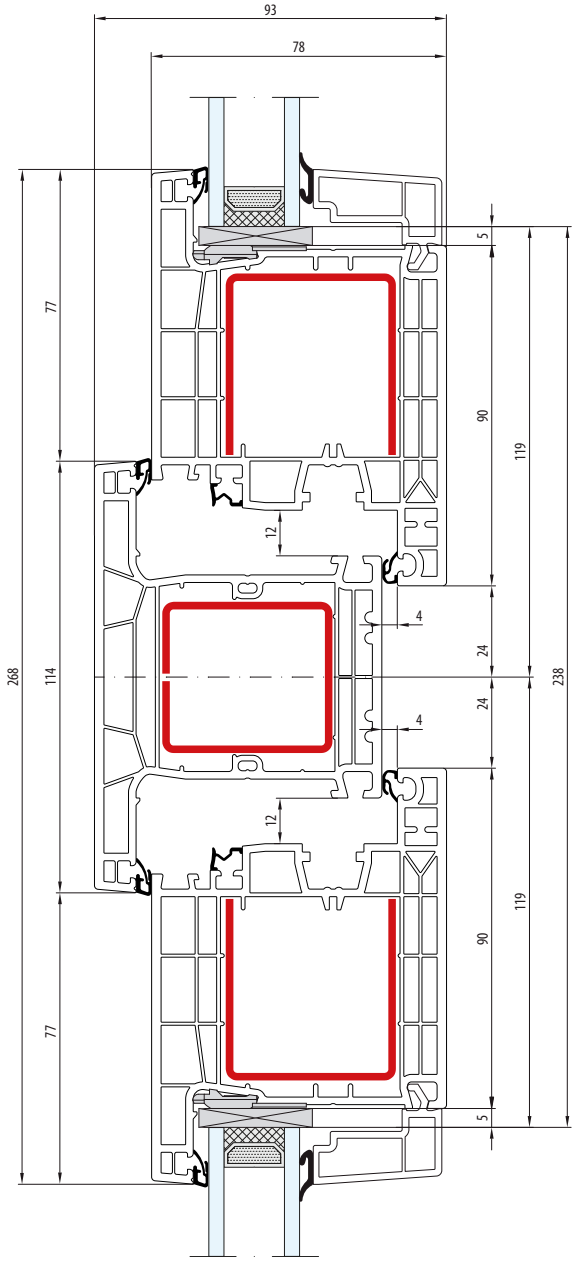


- Słupek stały: 114 mm · Skrzydło: 75 mm
- Meneau fixe: 114 mm · Vantail: 75 mm
- Fix post: 114 mm · Sash: 75 mm
- Festem Pfahl: 114 mm · Flügel: 75 mm
- Montante fisso: 114 mm · Anta: 75 mm
- Vaste stijl: 114 mm · Vleugel: 75 mm

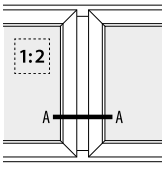


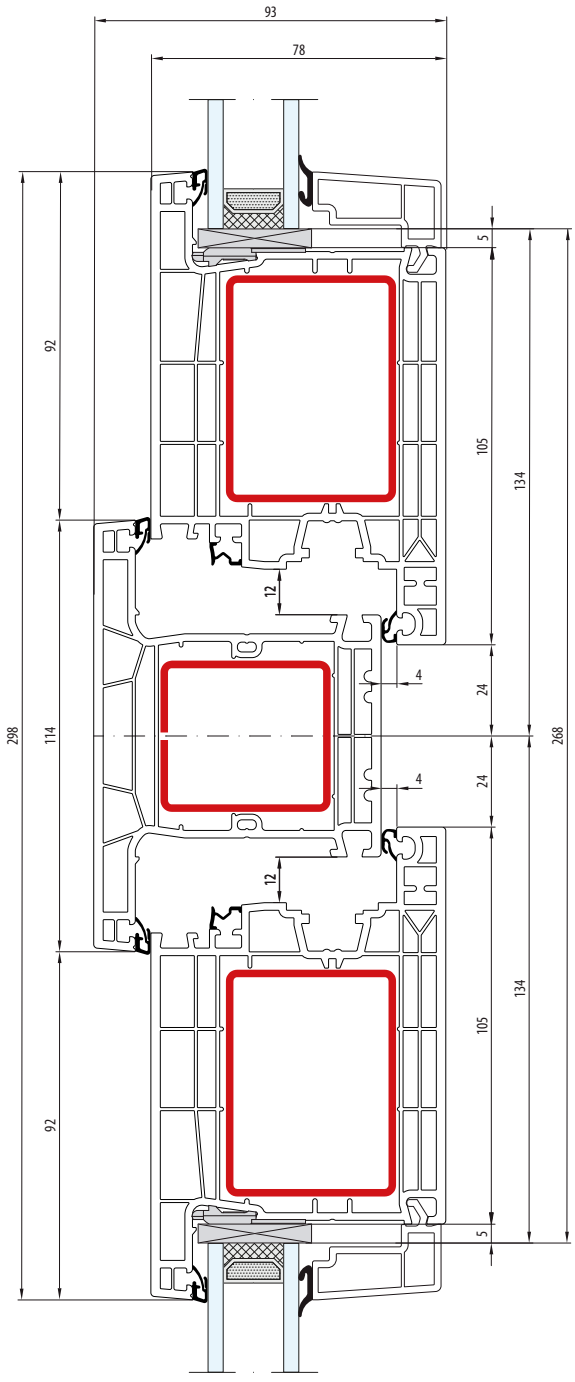
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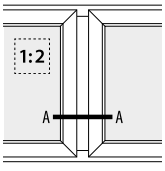


- Słupek stały: 114 mm · Skrzydło: 110 mm
- Meneau fixe: 114 mm · Vantail: 110 mm
- Fix post: 114 mm · Sash: 110 mm
- Festem Pfahl: 114 mm · Flügel: 110 mm
- Montante fisso: 114 mm · Anta: 110 mm
- Vaste stijl: 114 mm · Vleugel: 110 mm



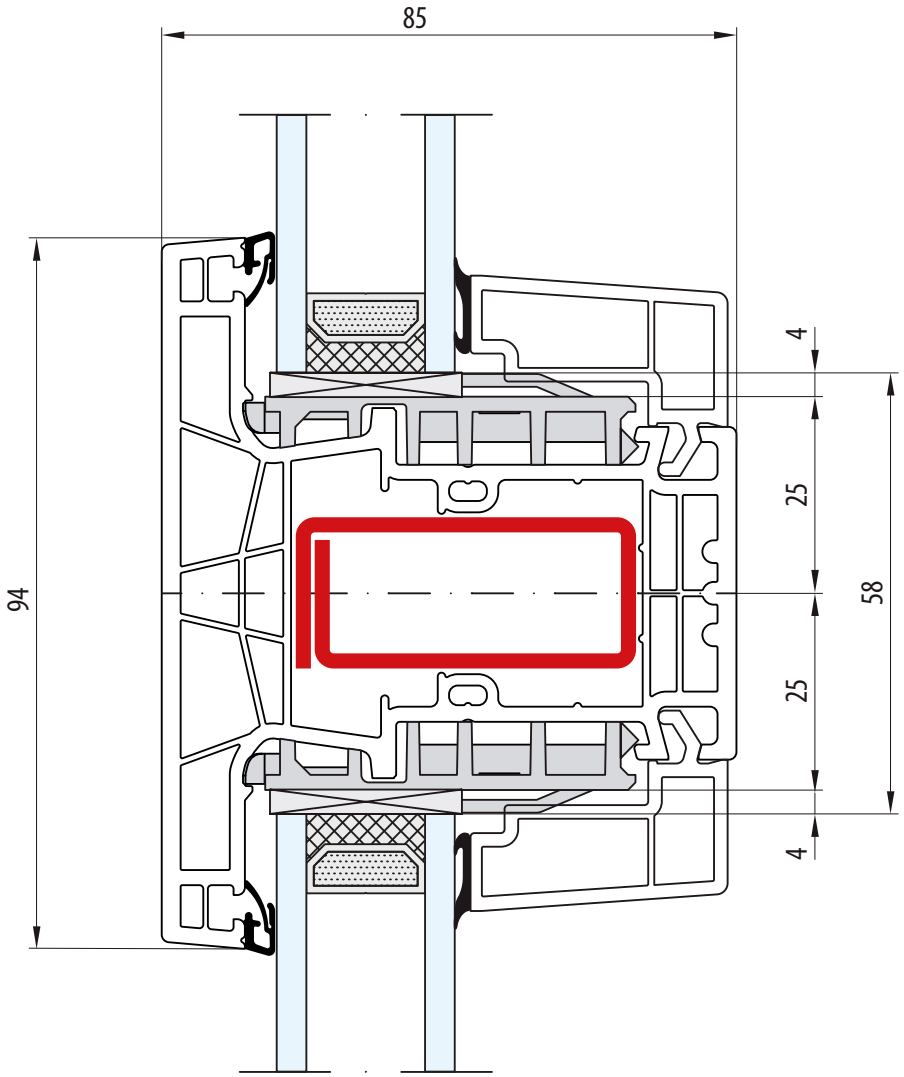


- Słupek stały: 114 mm · Skrzydło:125 mm
- Meneau fixe: 114 mm · Vantail: 125 mm
- Fix post: 114 mm · Sash: 125 mm
- Festem Pfahl: 114 mm · Flügel: 125 mm
- Montante fisso: 114 mm · Anta: 125 mm
- Vaste stijl: 114 mm · Vleugel: 125 mm

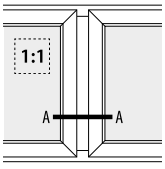


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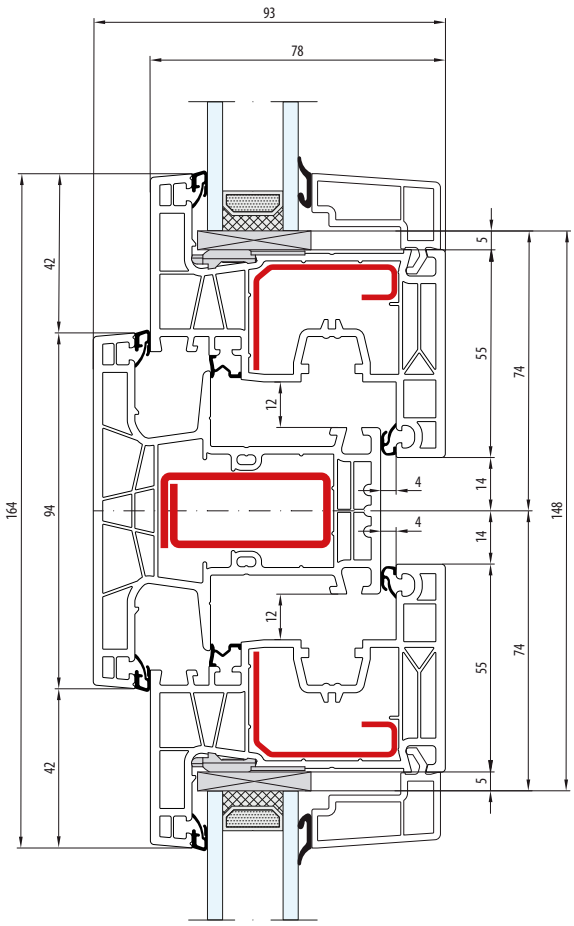


- Słupek stały: 94 mm
- Meneau fixe: 94 mm
- Fix post: 94 mm
- Festem Pfahl: 94 mm
- Montante fisso: 94 mm
- Vaste stijl: 94 mm

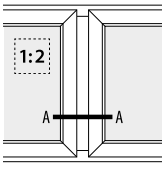


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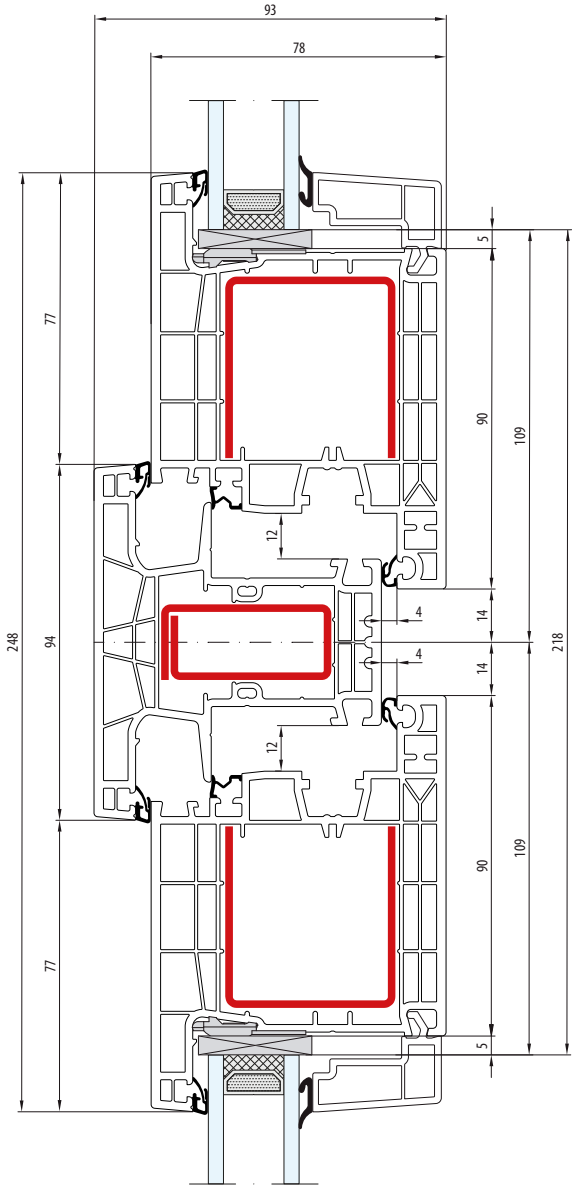


- Słupek stały: 94 mm · Skrzydło: 75 mm
- Meneau fixe: 94 mm · Vantail: 75 mm
- Fix post: 94 mm · Sash: 75 mm
- Festem Pfahl: 94 mm · Flügel: 75 mm
- Montante fisso: 94 mm · Anta: 75 mm
- Vaste stijl: 94 mm · Vleugel: 75 mm

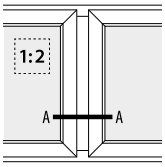


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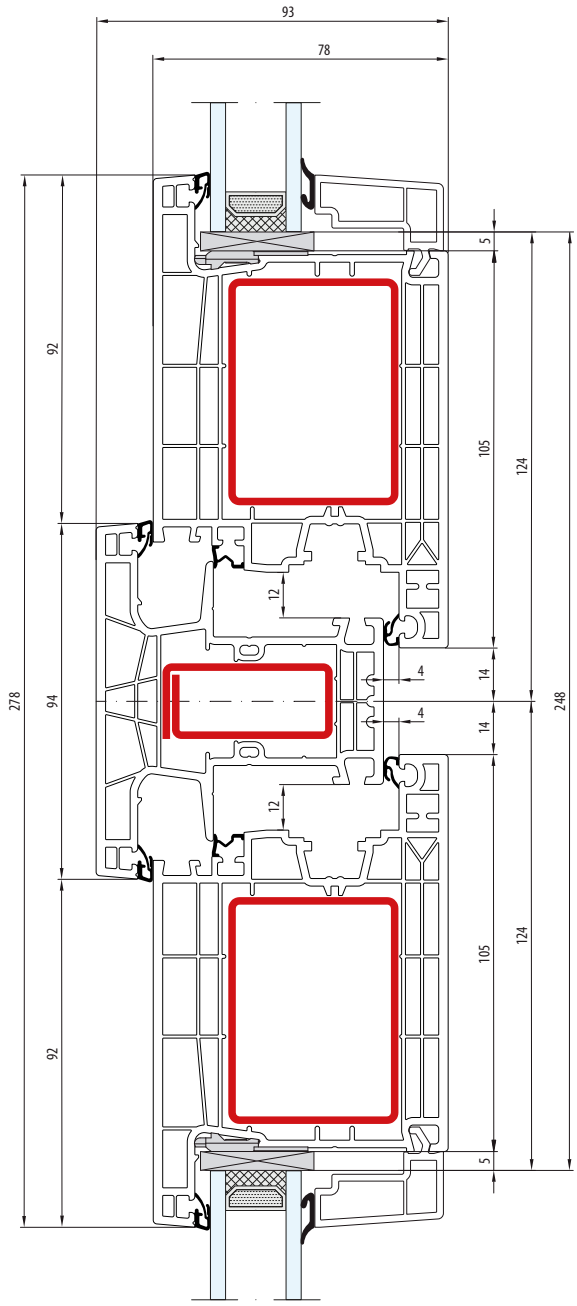


- Słupek stały: 94 mm · Skrzydło: 110 mm
- Meneau fixe: 94 mm · Vantail: 110 mm
- Fix post: 94 mm · Sash: 110 mm
- Festem Pfahl: 94 mm · Flügel: 110 mm
- Montante fisso: 94 mm · Anta: 110 mm
- Vaste stijl: 94 mm · Vleugel: 110 mm

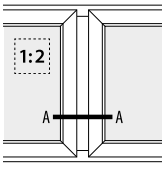


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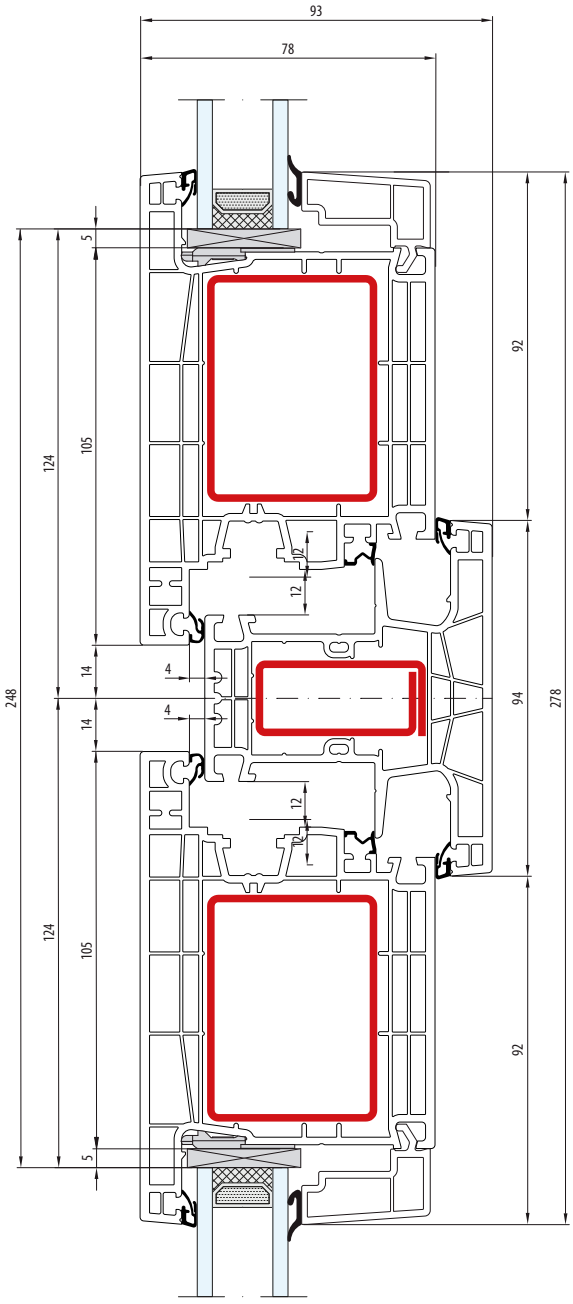


- Słupek stały: 94 mm · Skrzydło:125 mm
- Meneau fixe: 94 mm · Vantail: 125 mm
- Fix post: 94 mm · Sash: 125 mm
- Festem Pfahl: 94 mm · Flügel: 125 mm
- Montante fisso: 94 mm · Anta: 125 mm
- Vaste stijl: 94 mm · Vleugel: 125 mm

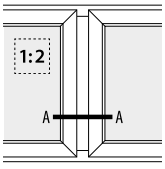


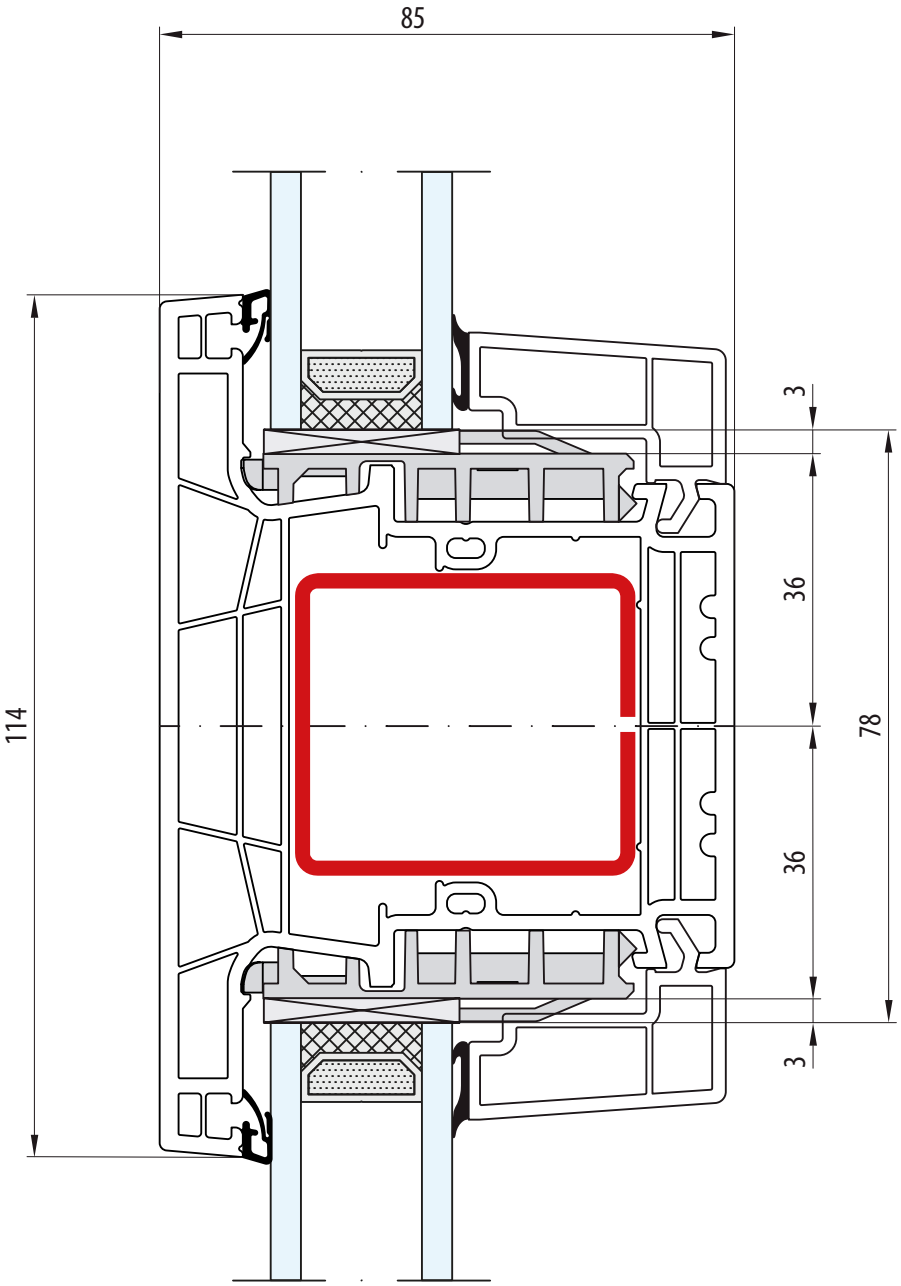
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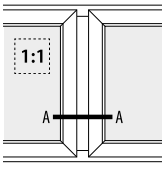


- Słupek stały: 94 mm · Skrzydło: 125 mm
- Meneau fixe: 94 mm · Vantail: 125 mm
- Fix post: 94 mm · Sash: 125 mm
- Festem Pfahl: 94 mm · Flügel: 125 mm
- Montante fisso: 94 mm · Anta: 125 mm
- Vaste stijl: 94 mm · Vleugel: 125 mm



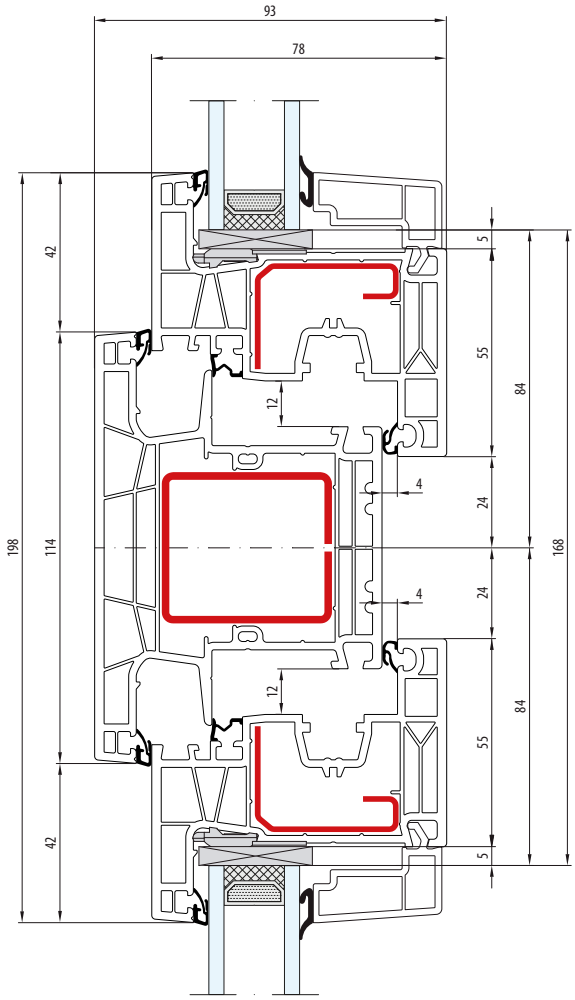


- Słupek stały: 114 mm
- Meneau fixe: 114 mm
- Fix post: 114 mm
- Festem Pfahl: 114 mm
- Montante fisso: 114 mm
- Vaste stijl: 114 mm

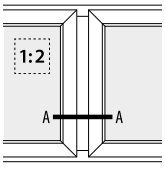


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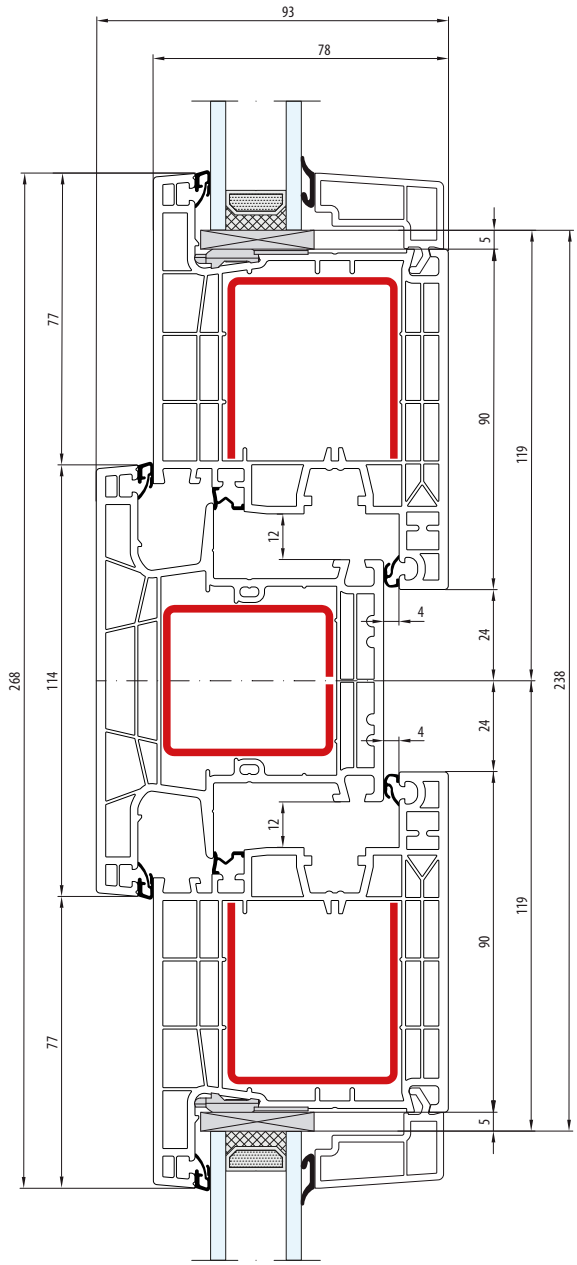


- Słupek stały: 114 mm · Skrzydło: 75 mm
- Meneau fixe: 114 mm · Vantail: 75 mm
- Fix post: 114 mm · Sash: 75 mm
- Festem Pfahl: 114 mm · Flügel: 75 mm
- Montante fisso: 114 mm · Anta: 75 mm
- Vaste stijl: 114 mm · Vleugel: 75 mm

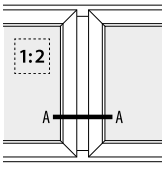


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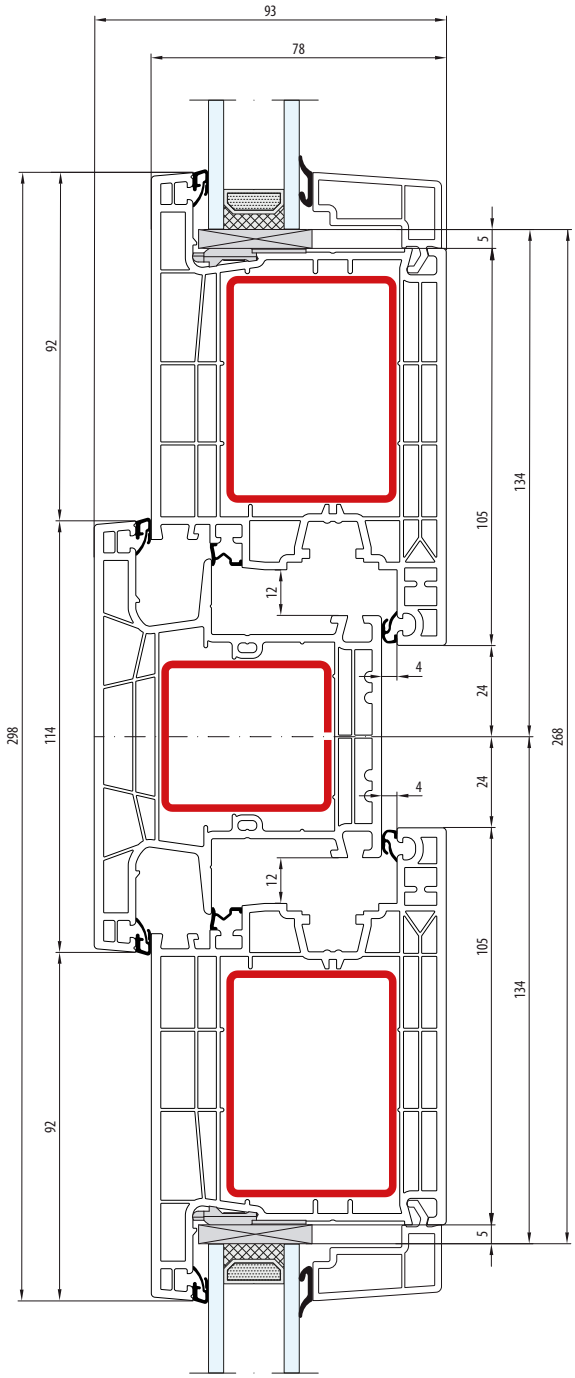


- Słupek stały: 114 mm · Skrzydło:110 mm
- Meneau fixe: 114 mm · Vantail: 110 mm
- Fix post: 114 mm · Sash: 110 mm
- Festem Pfahl: 114 mm · Flügel: 110 mm
- Montante fisso: 114 mm · Anta: 110 mm
- Vaste stijl: 114 mm · Vleugel: 110 mm

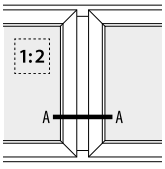


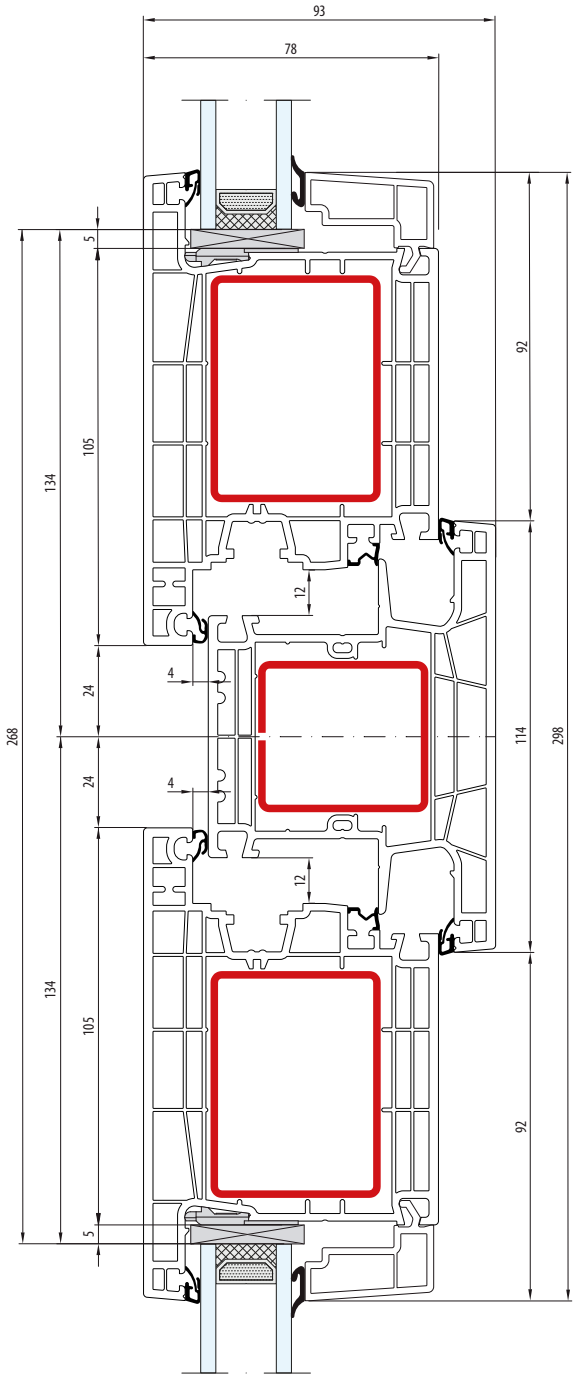
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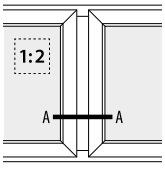


- Słupek stały: 114 mm · Skrzydło: 125 mm
- Meneau fixe: 104 mm · Vantail: 77 mm
- Fix post: 104 mm · Sash: 77 mm
- Festem Pfahl: 104 mm · Flügel: 77 mm
- Montante fisso: 104 mm · Anta: 77 mm
- Vaste stijl: 104 mm · Vleugel: 77 mm



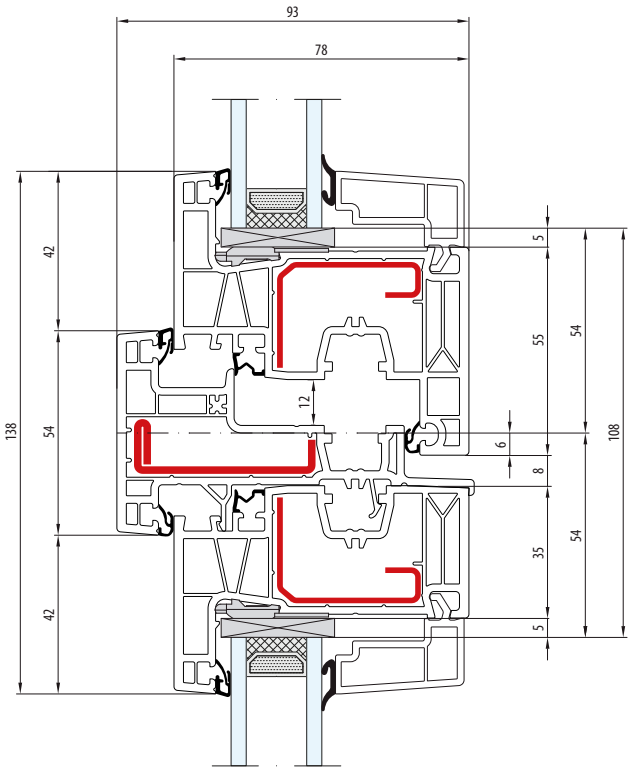


- Słupek stały: 114 mm · Skrzydło: 125 mm
- Meneau fixe: 104 mm · Vantail: 77 mm
- Fix post: 104 mm · Sash: 77 mm
- Festem Pfahl: 104 mm · Flügel: 77 mm
- Montante fisso: 104 mm · Anta: 77 mm
- Vaste stijl: 104 mm · Vleugel: 77 mm

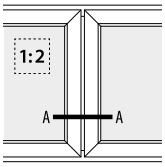


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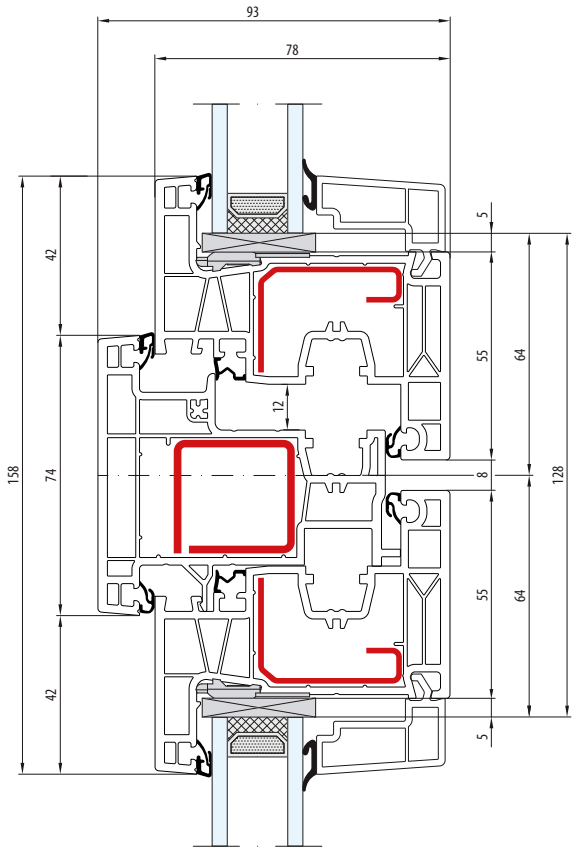


- Słupek ruchomy: 54 mm · Skrzydło: 75 mm
- Meneau mobile: 54 mm · Vantail: 75 mm
- Movable post: 54 mm · Sash: 75 mm
- Stulp: 54 mm · Flügel: 75 mm
- Montante mobile: 54 mm · Anta: 75 mm
- Verplaatsbare stijl: 54 mm · Vleugel: 75 mm

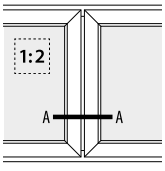


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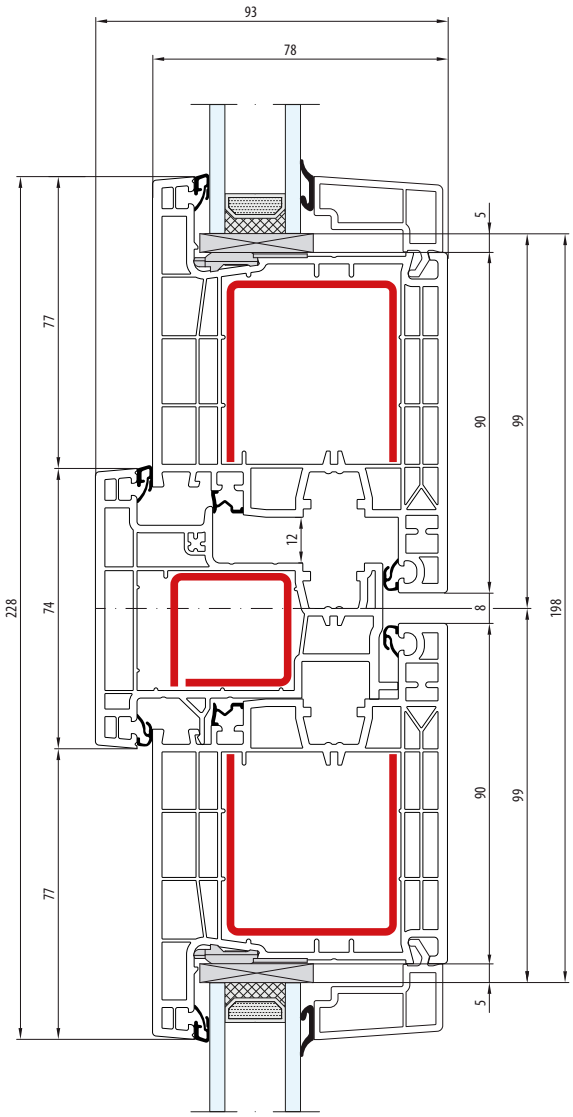


- Słupek ruchomy: 74 mm · Skrzydło: 75 mm
- Meneau mobile: 74 mm · Vantail: 75 mm
- Movable post: 74 mm · Sash: 75 mm
- Stulp: 74 mm · Flügel: 75 mm
- Montante mobile: 74 mm · Anta: 75 mm
- Verplaatsbare stijl: 74 mm · Vleugel: 75 mm

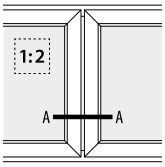


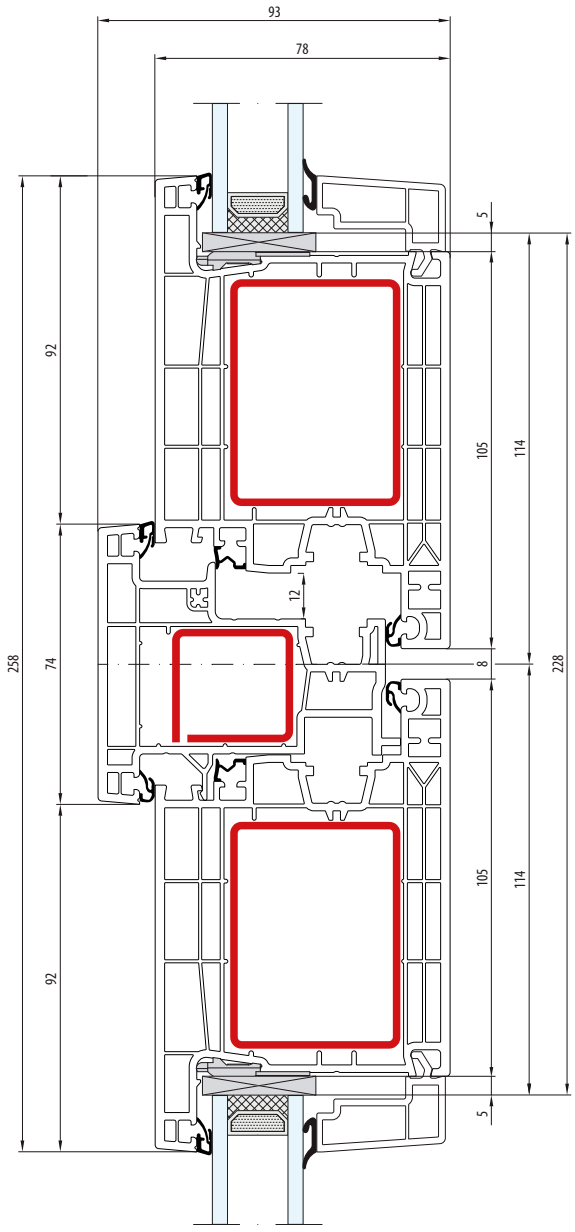
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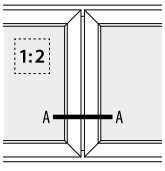


- Słupek ruchomy: 74 mm · Skrzydło: 110 mm
- Meneau mobile: 74 mm · Vantail: 110 mm
- Movable post: 74 mm · Sash: 110 mm
- Stulp: 74 mm · Flügel: 110 mm
- Montante mobile: 74 mm · Anta: 110 mm
- Verplaatsbare stijl: 74 mm · Vleugel: 110 mm



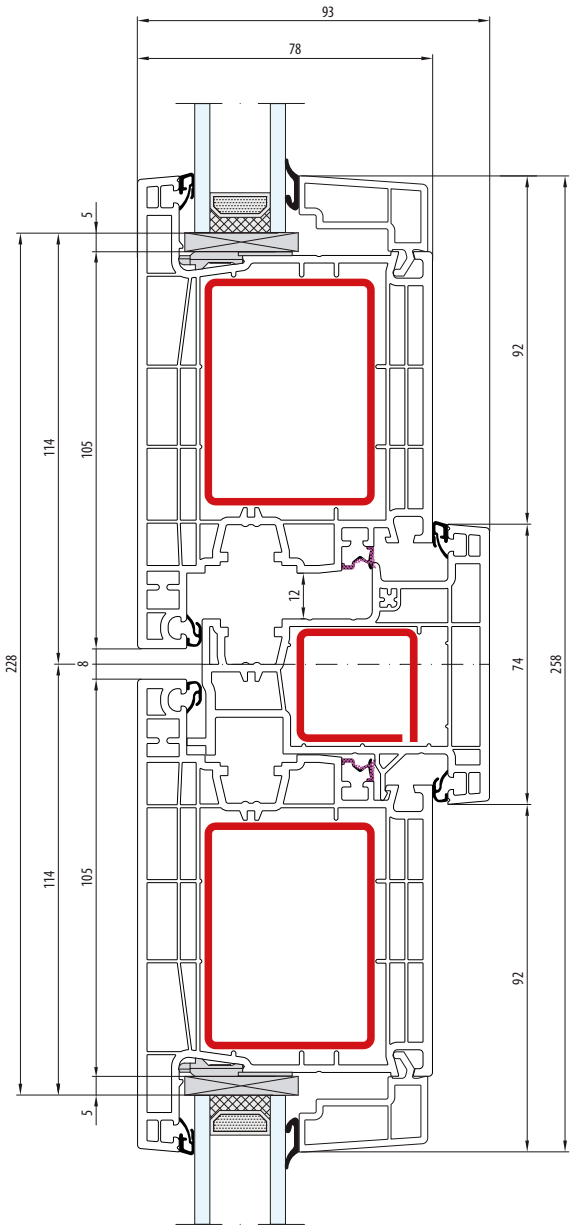


- Słupek ruchomy: 74 mm · Skrzydło: 125 mm
- Meneau mobile: 74 mm · Vantail: 125 mm
- Movable post: 74 mm · Sash: 125 mm
- Stulp: 74 mm · Flügel: 125 mm
- Montante mobile: 74 mm · Anta: 125 mm
- Verplaatsbare stijl: 74 mm · Vleugel: 125 mm

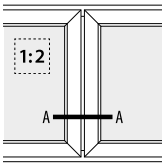


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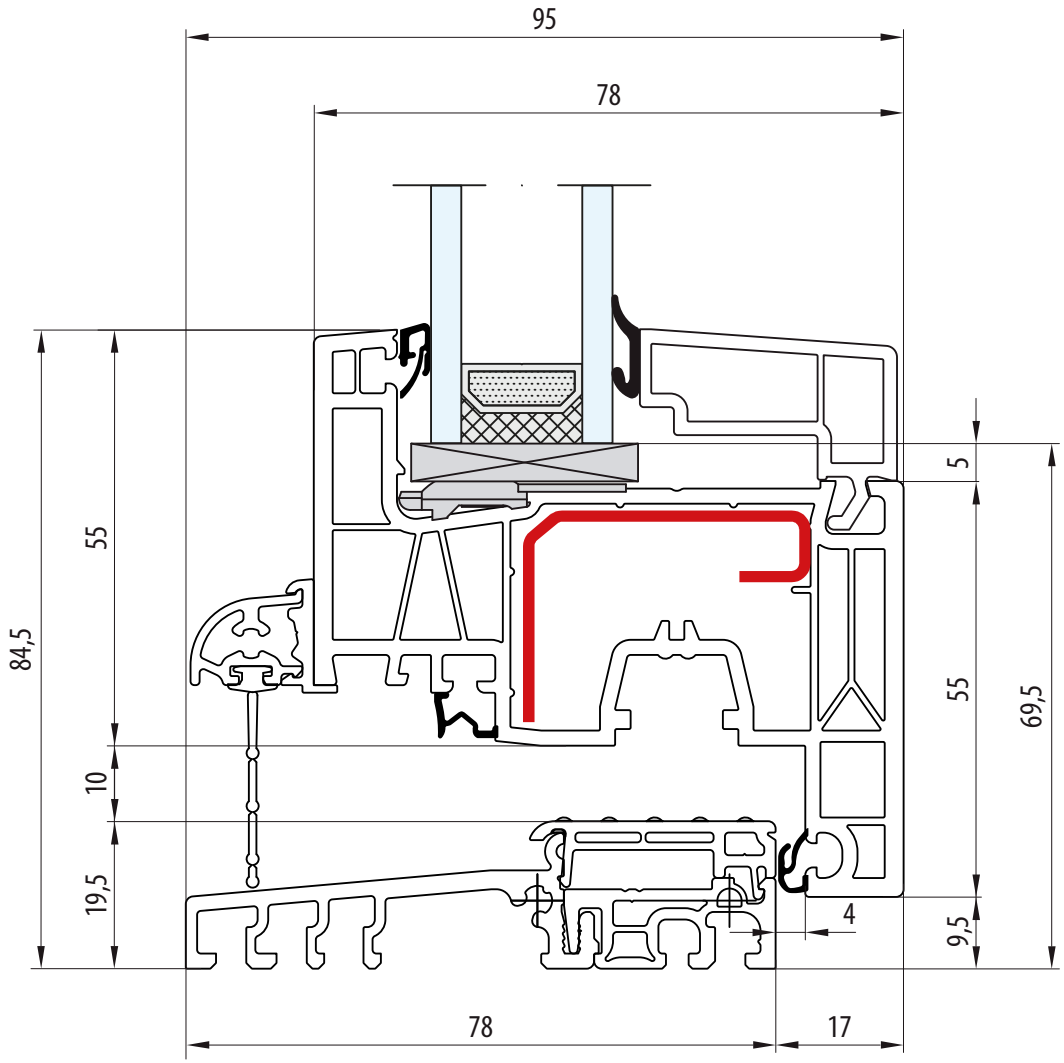


- Słupek ruchomy: 74 mm · Skrzydło: 125 mm
- Meneau mobile: 74 mm · Vantail: 125 mm
- Movable post: 74 mm · Sash: 125 mm
- Stulp: 64 mm · Flügel: 125 mm
- Montante mobile: 74 mm · Anta: 125 mm
- Verplaatsbare stijl: 74 mm · Vleugel: 125 mm

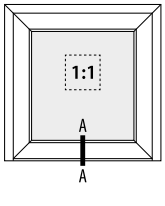


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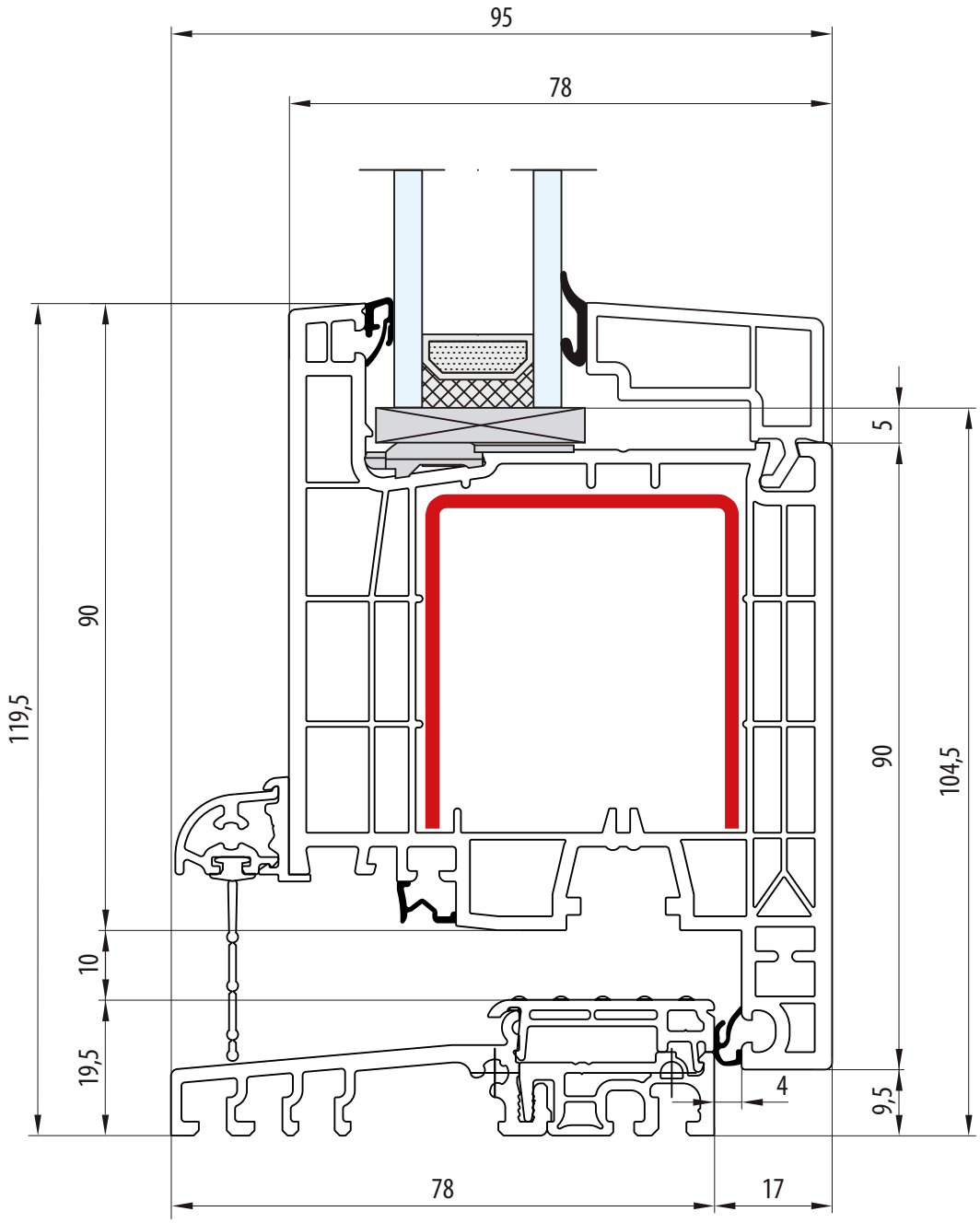


- Próg: 20 mm · Skrzydło: 75 mm
- Seuil: 20 mm · Vantail: 75 mm
- Threshold: 20 mm · Sash: 75 mm
- Schwelle: 20 mm · Flügel: 75 mm
- Soglia: 20 mm · Anta: 75 mm
- Dorpel: 20 mm · Vleugel: 75 mm

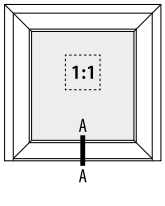


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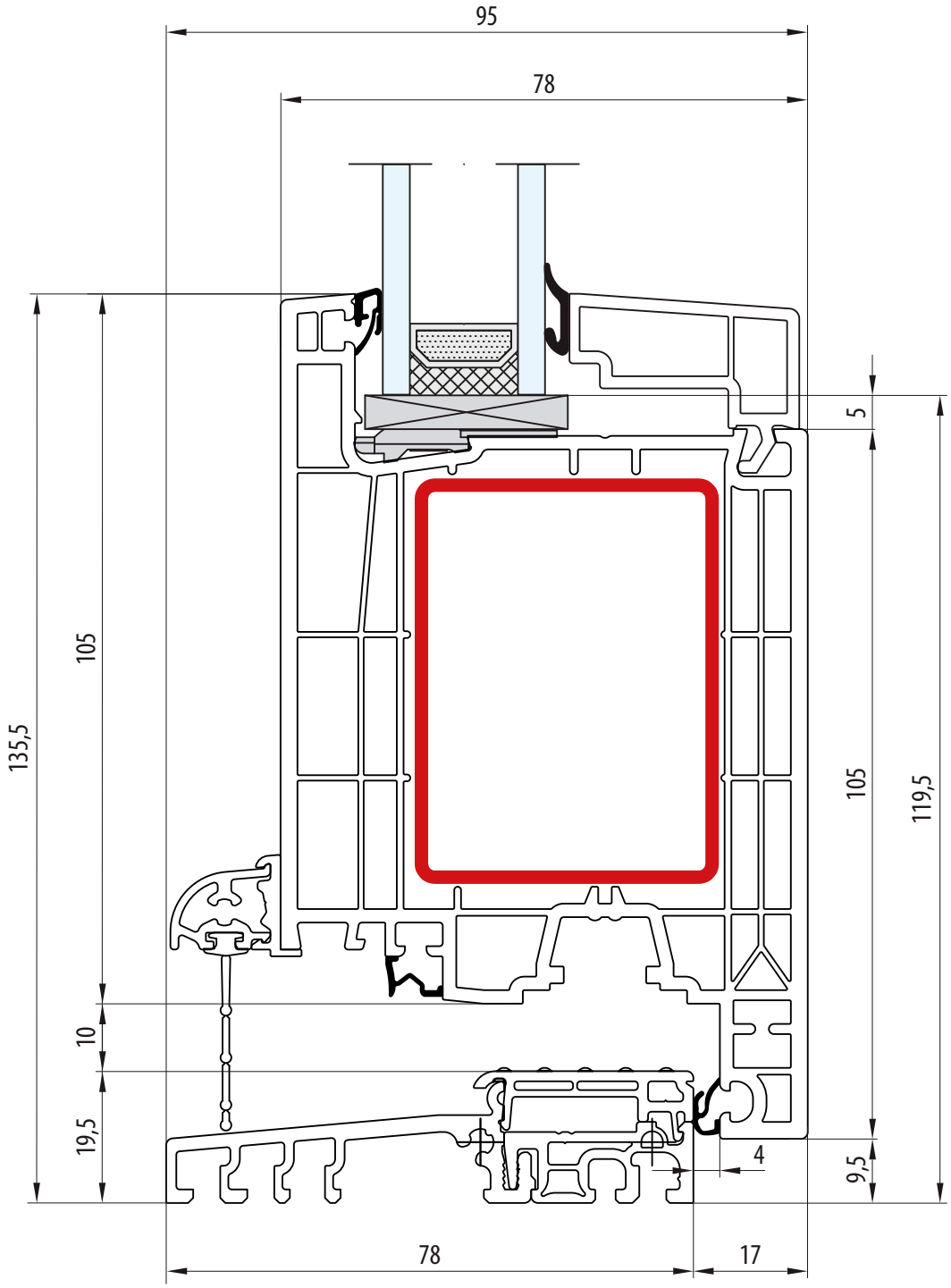


Próg: 20 mm · Skrzydło: 110 mm
Seuil: 20 mm · Vantail: 110 mm
Threshold: 20 mm · Sash: 110 mm
Schwelle: 20 mm · Flügel: 110 mm
Soglia: 20 mm · Anta: 110 mm
Dorpel: 20 mm · Vleugel: 110 mm

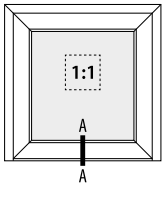


CL

SL
CL
RL

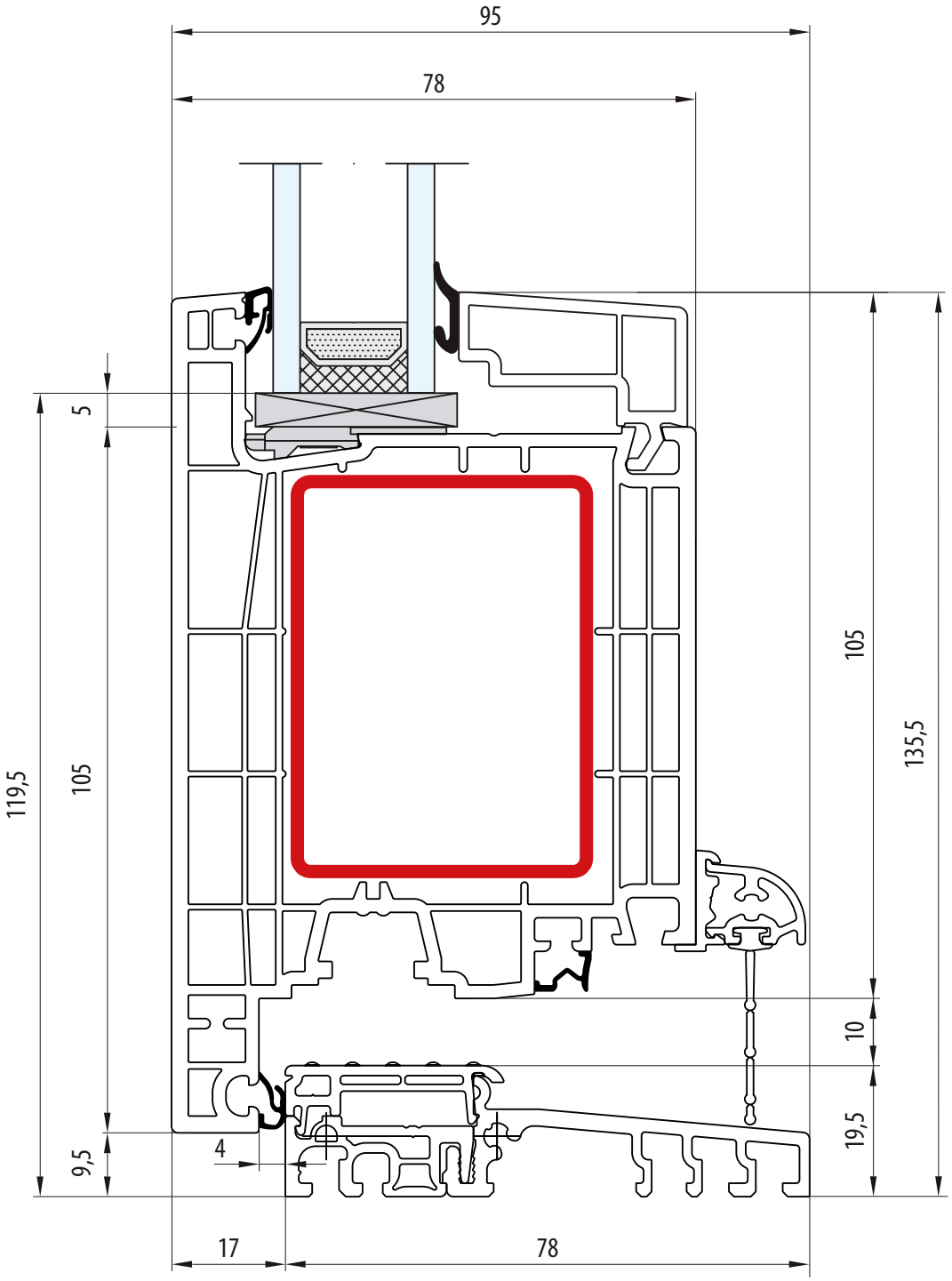


- Próg: 20 mm · Skrzydło: 125 mm
- Seuil: 20 mm · Vantail: 125 mm
- Threshold: 20 mm · Sash: 125 mm
- Schwelle: 20 mm · Flügel: 125 mm
- Soglia: 20 mm · Anta: 125 mm
- Dorpel: 20 mm · Vleugel: 125 mm

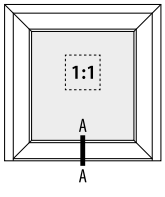


RL

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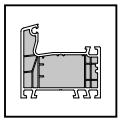


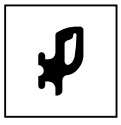
Próg: 20 mm · Skrzydło: 125 mm
Seuil: 20 mm · Vantail: 125 mm
Threshold: 20 mm · Sash: 125 mm
Schwelle: 20 mm · Flügel: 125 mm
Soglia: 20 mm · Anta: 125 mm
Dorpel: 20 mm · Vleugel: 125 mm

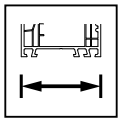


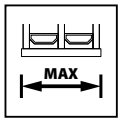
ENERGETO NEO



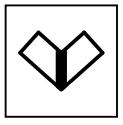

6


3

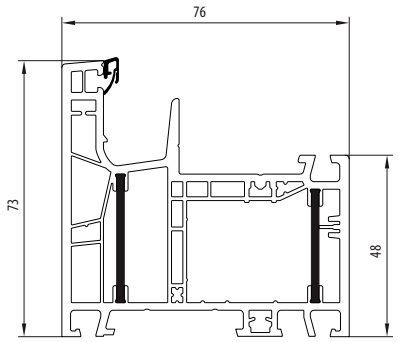

76



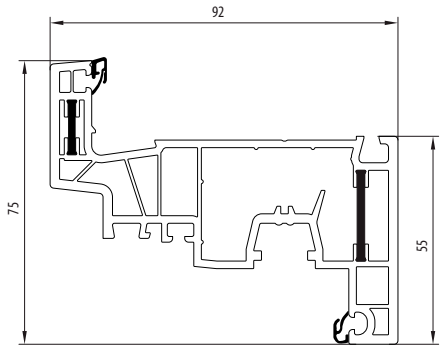
68



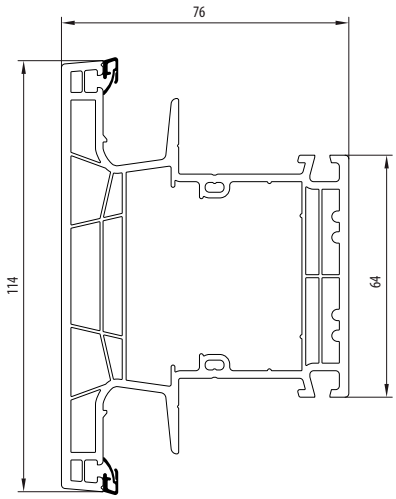




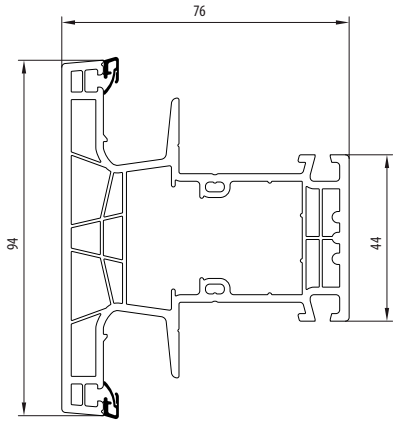
CL 060x05



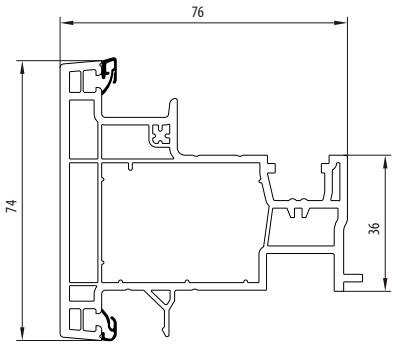
CL 060x27



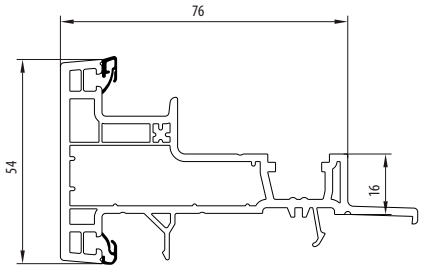
160x46



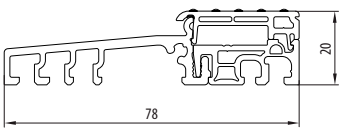
160x45



160x66



160x64

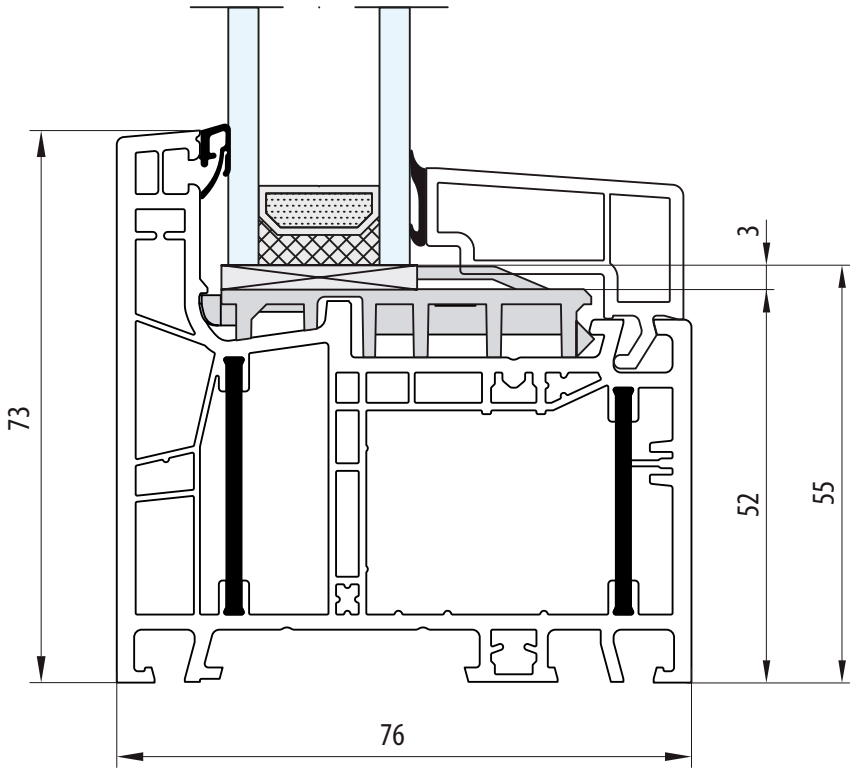


alu - 19,5 mm

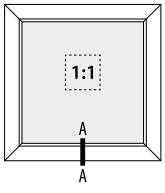
1:2

RL

SL
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RL

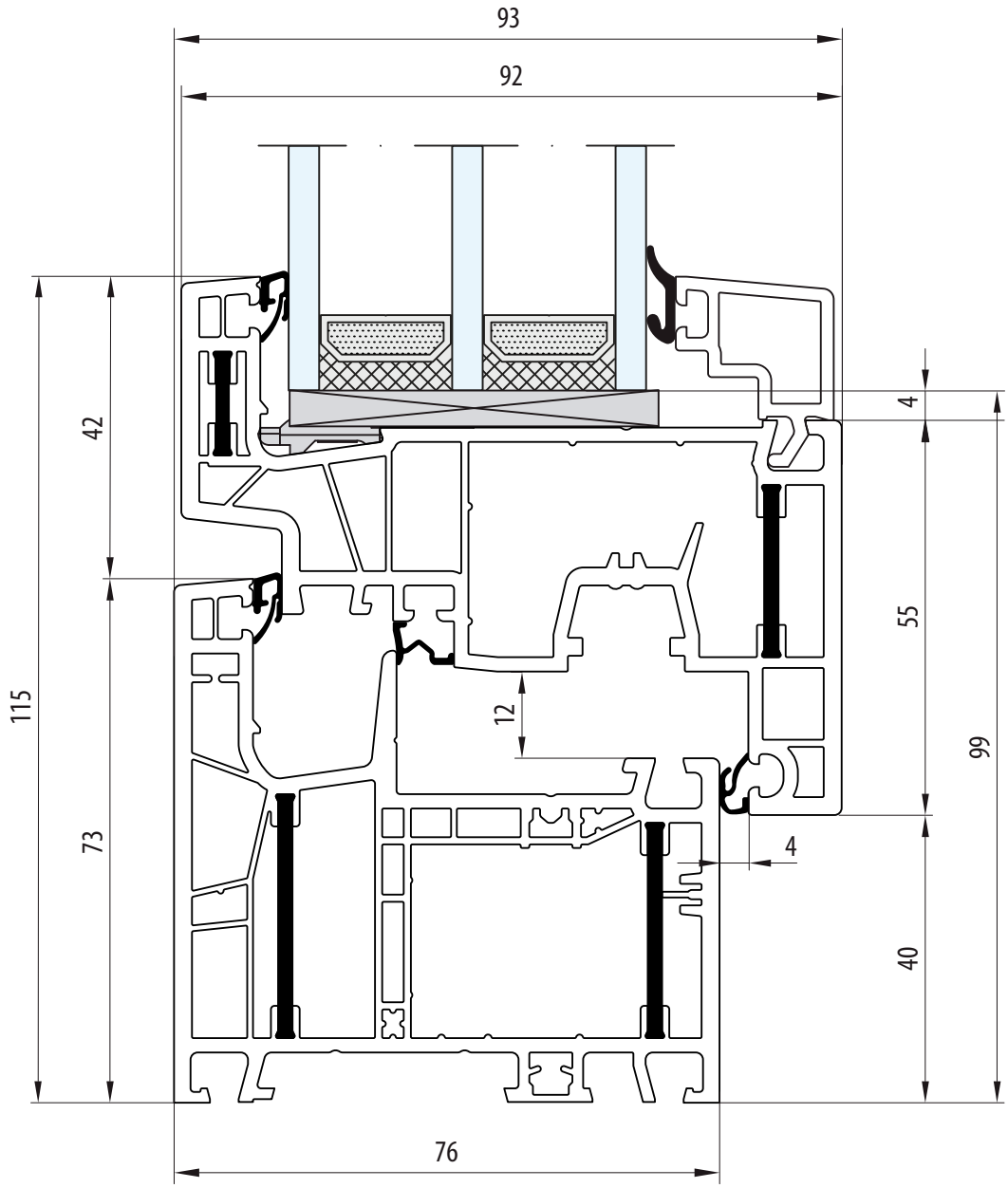


Rama: 73 mm
Dormant: 73 mm
Frame: 73 mm
Rahmen: 73 mm
Telaio: 73 mm
Kader: 73 mm

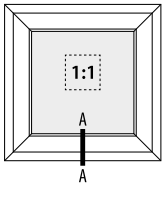


CL

SL
CL
RL

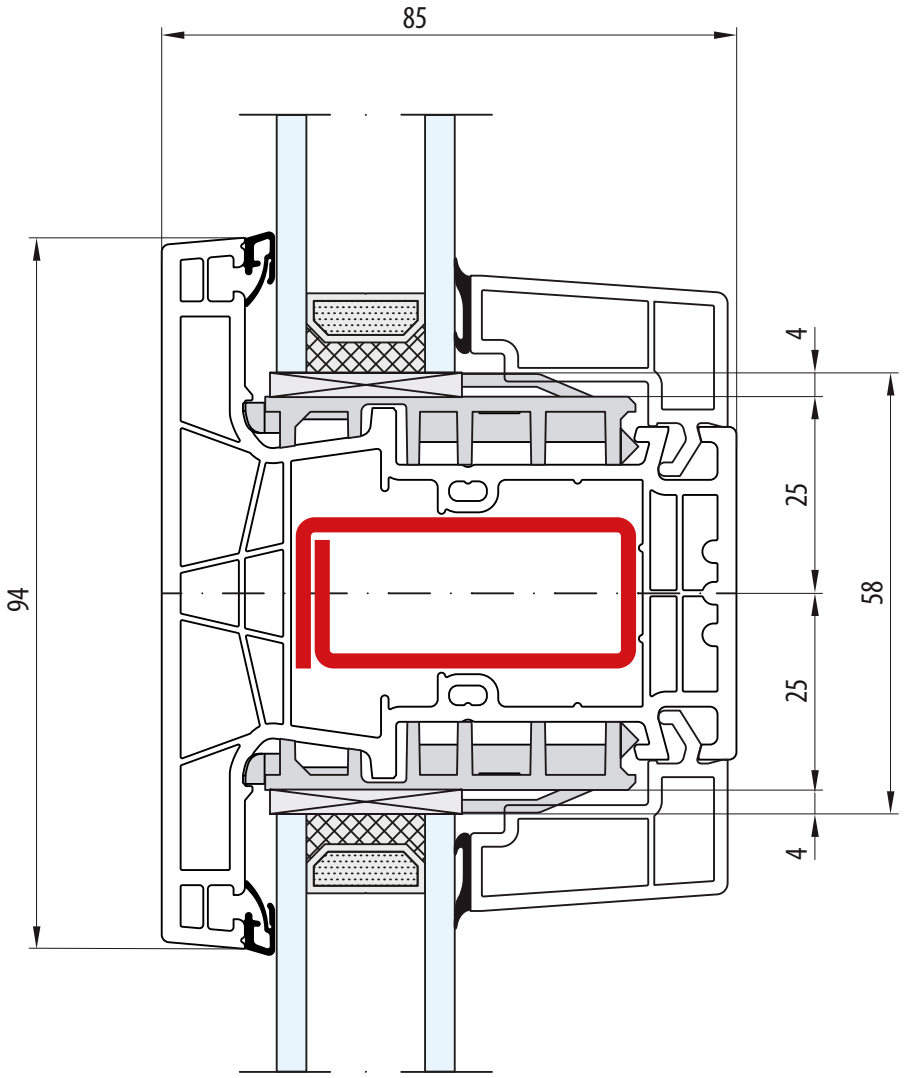


- Rama: 73 mm · Skrzydło: 75 mm
- Dormant: 73 mm · Vantail: 75 mm
- Frame: 73 mm · Sash: 75 mm
- Rahmen: 73 mm · Flügel: 75 mm
- Telaio: 73 mm · Anta: 75 mm
- Kader: 73 mm · Vleugel: 75 mm

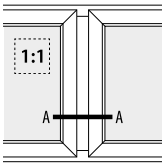


RL

SL
CL
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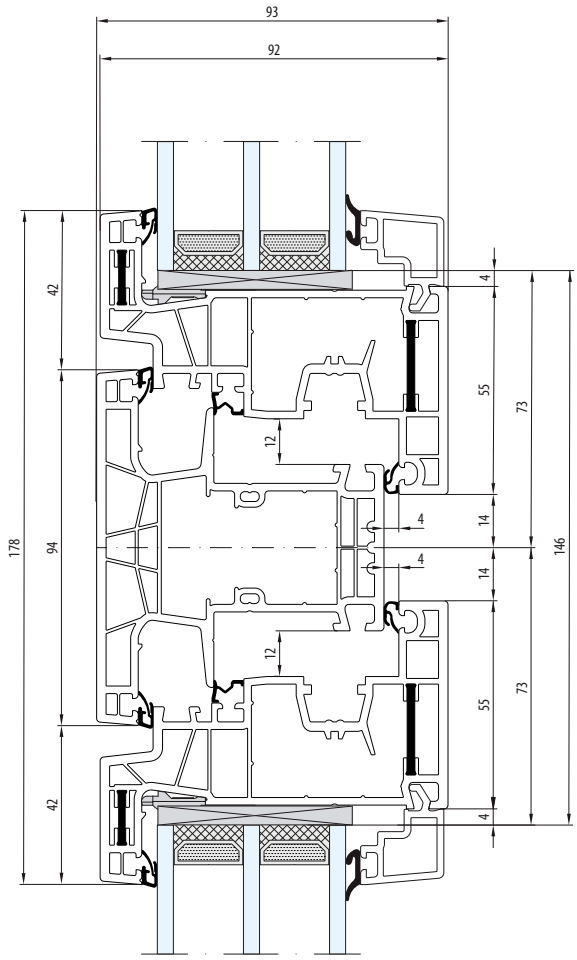


- Słupek stały: 94 mm
- Meneau fixe: 94 mm
- Fix post: 94 mm
- Festem Pfahl: 94 mm
- Montante fisso: 94 mm
- Vaste stijl: 94 mm

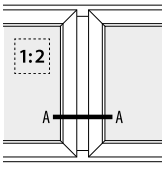


CL

SL CL RL

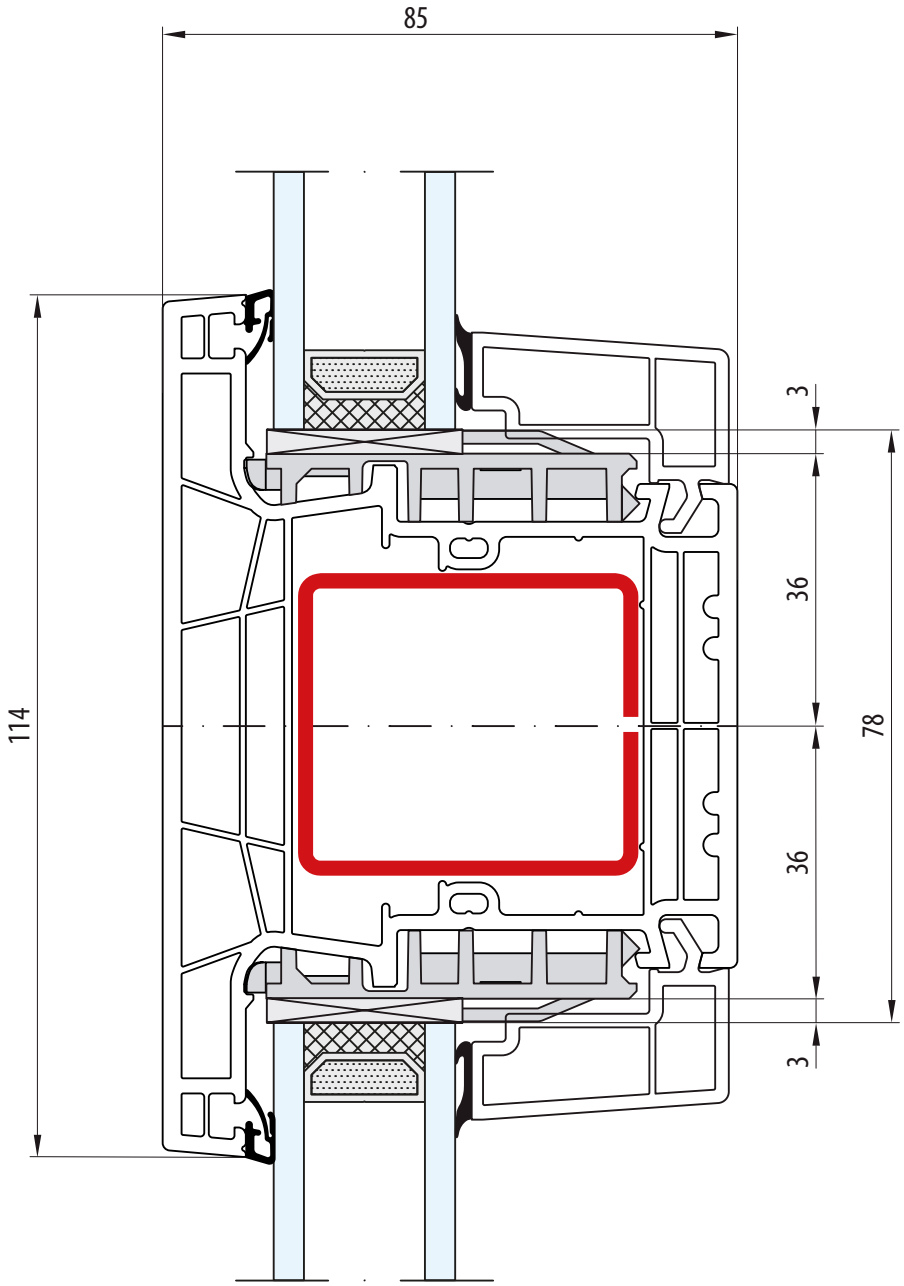


- Słupek stały: 94 mm · Skrzydło: 75 mm
- Meneau fixe: 94 mm · Vantail: 75 mm
- Fix post: 94 mm · Sash: 75 mm
- Festem Pfahl: 94 mm · Flügel: 75 mm
- Montante fisso: 94 mm · Anta: 75 mm
- Vaste stijl: 94 mm · Vleugel: 75 mm

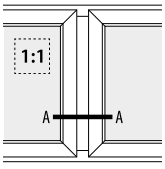


RL

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RL



- Słupek stały: 114 mm
- Meneau fixe: 114 mm
- Fix post: 114 mm
- Festem Pfahl: 114 mm
- Montante fisso: 114 mm
- Vaste stijl: 114 mm





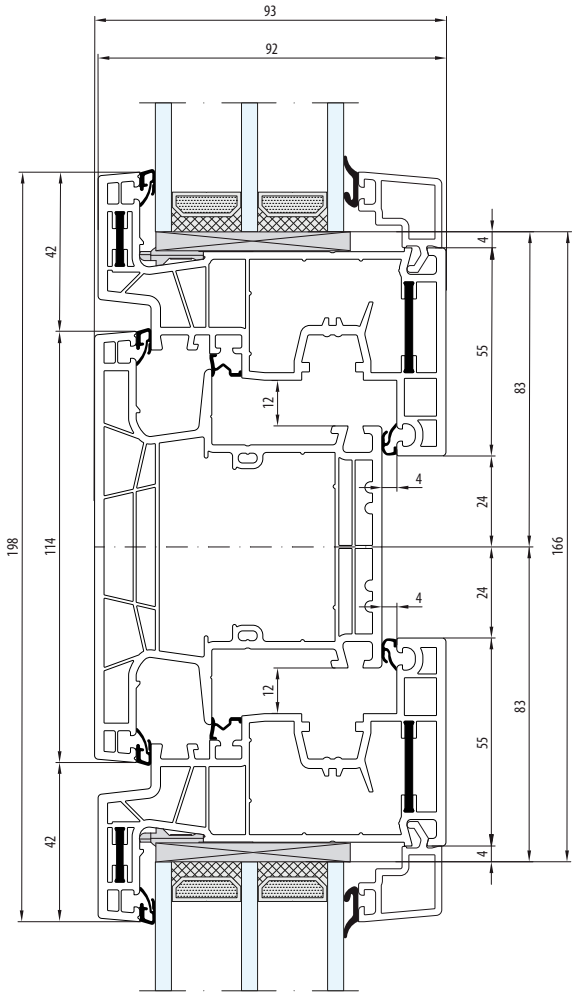




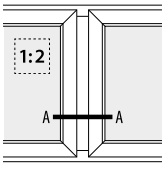






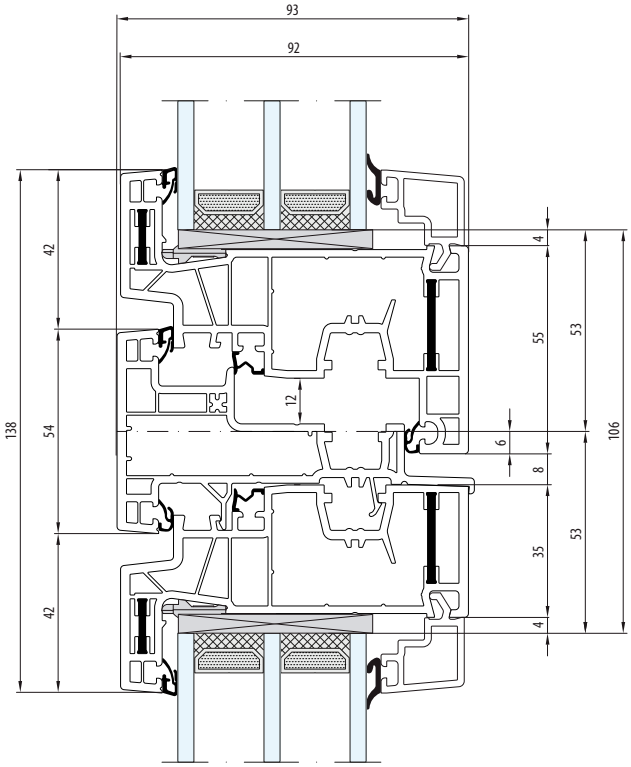


- Słupek stały: 114 mm · Skrzydło: 75 mm
- Meneau fixe: 114 mm · Vantail: 75 mm
- Fix post: 114 mm · Sash: 75 mm
- Festem Pfahl: 114 mm · Flügel: 75 mm
- Montante fisso: 114 mm · Anta: 75 mm
- Vaste stijl: 114 mm · Vleugel: 75 mm

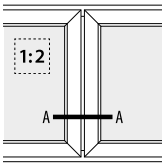


RL

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RL



- Słupek ruchomy: 54 mm · Skrzydło: 75 mm
- Meneau mobile: 54 mm · Vantail: 75 mm
- Movable post: 54 mm · Sash: 75 mm
- Stulp: 54 mm · Flügel: 75 mm
- Montante mobile: 54 mm · Anta: 75 mm
- Verplaatsbare stijl: 54 mm · Vleugel: 75 mm

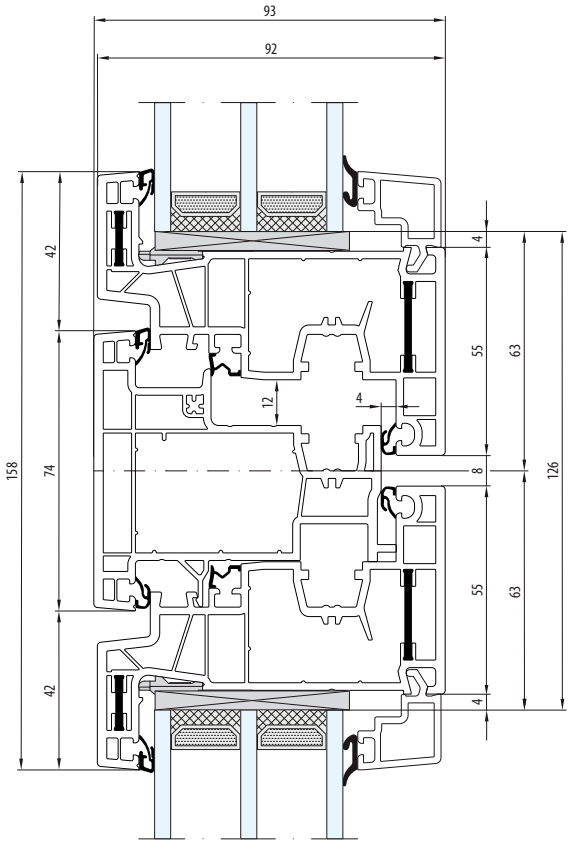




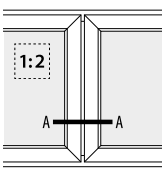






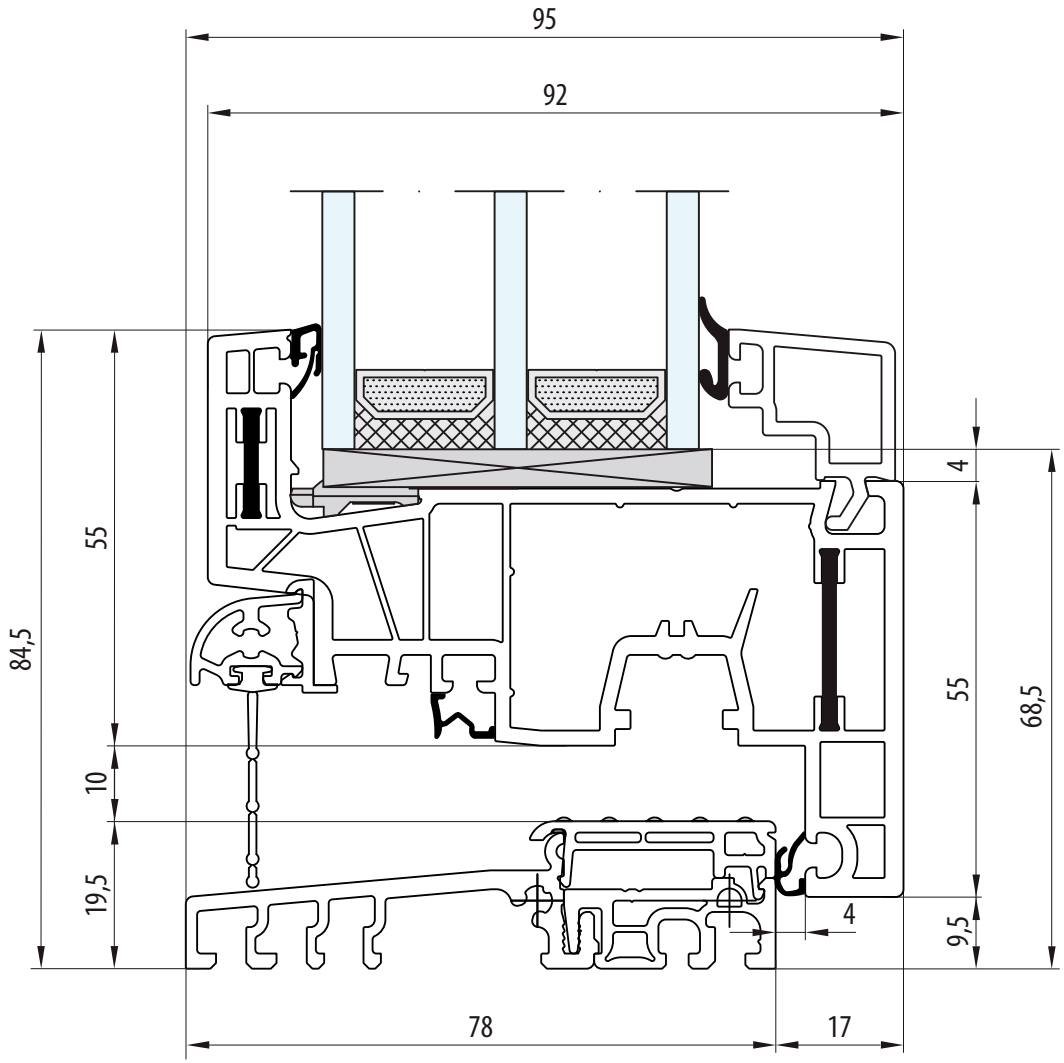


- Słupek ruchomy: 74 mm · Skrzydło: 75 mm
- Meneau mobile: 74 mm · Vantail: 75 mm
- Movable post: 74 mm · Sash: 75 mm
- Stulp: 74 mm · Flügel: 75 mm
- Montante mobile: 74 mm · Anta: 75 mm
- Verplaatsbare stijl: 74 mm · Vleugel: 75 mm

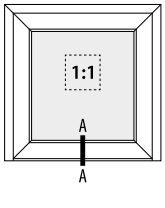


RL

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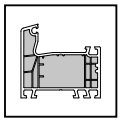


Próg: 20 mm · Skrzydło: 75 mm
Seuil: 20 mm · Vantail: 75 mm
Threshold: 20 mm · Sash: 75 mm
Schwelle: 20 mm · Flügel: 75 mm
Soglia: 20 mm · Anta: 75 mm
Dorpel: 20 mm · Vleugel: 75 mm



MONOBLOCK

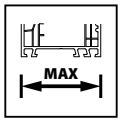




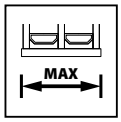
5



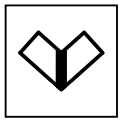
2



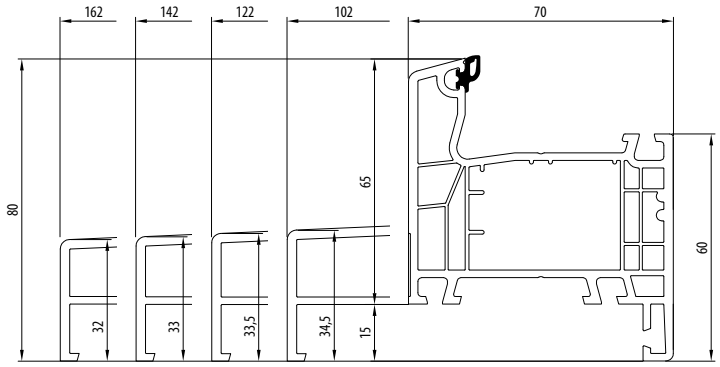
162



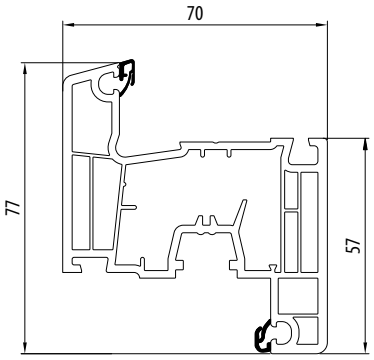
42



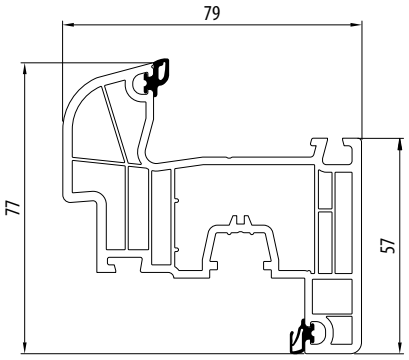




CL 140x19 | 140x18 | 140x16 | 140x14 | 140x12

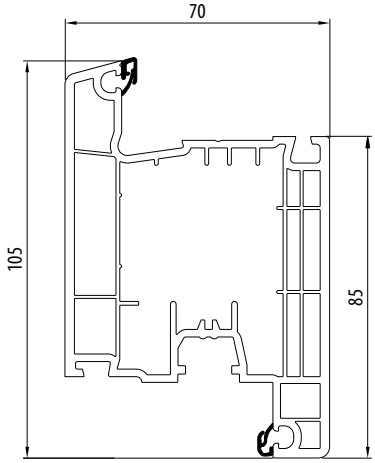


CL ALU 140x20

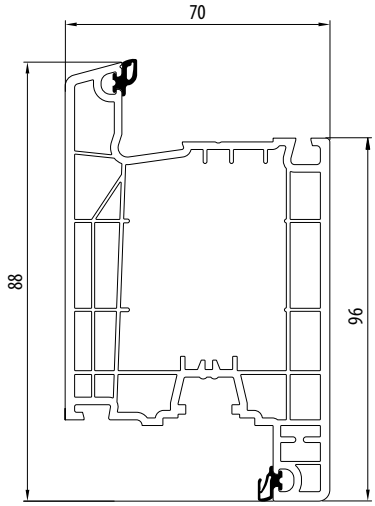


RL 140x22

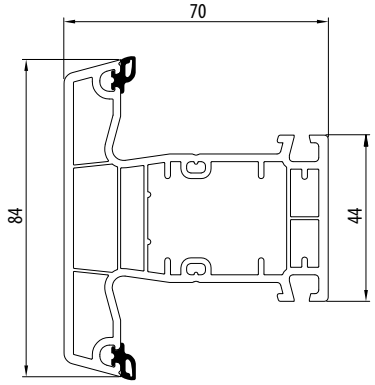
1:2



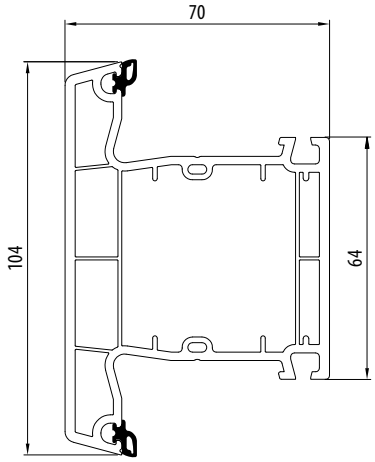
CL ALU 140x30



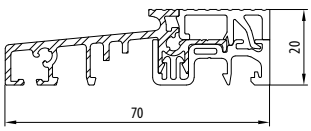
CL ALU 140x33



CL 140x41



CL 140x45

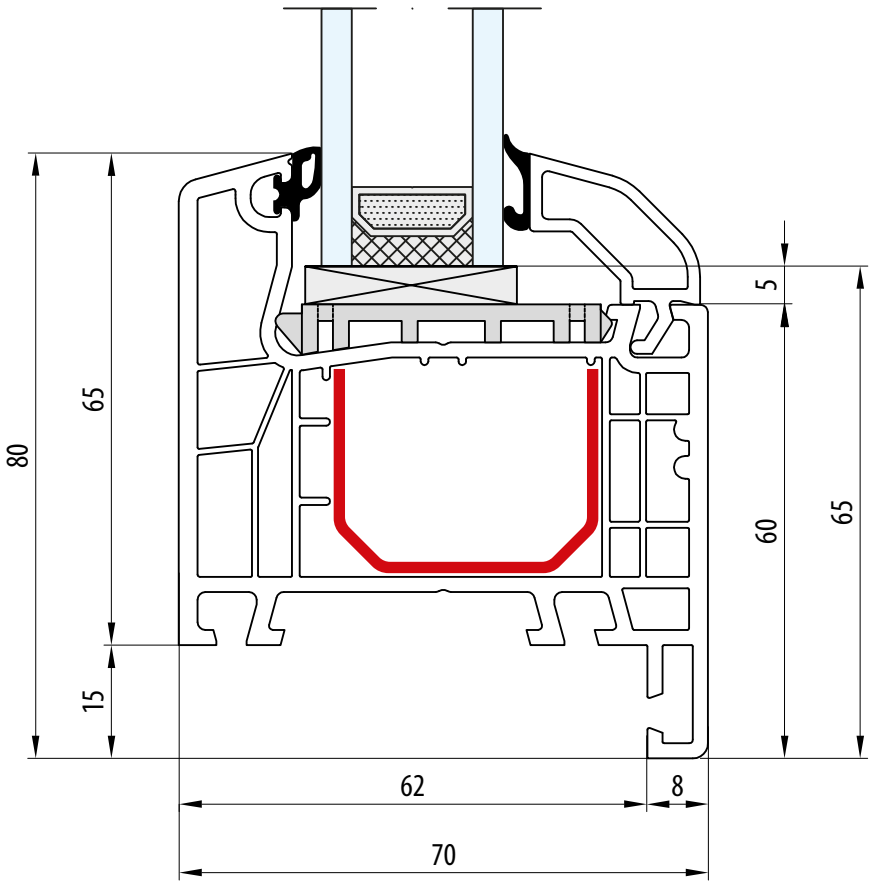


alu - 20 mm

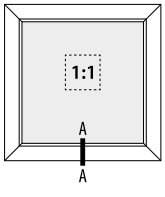
1:2

CL

SL
CL
RL

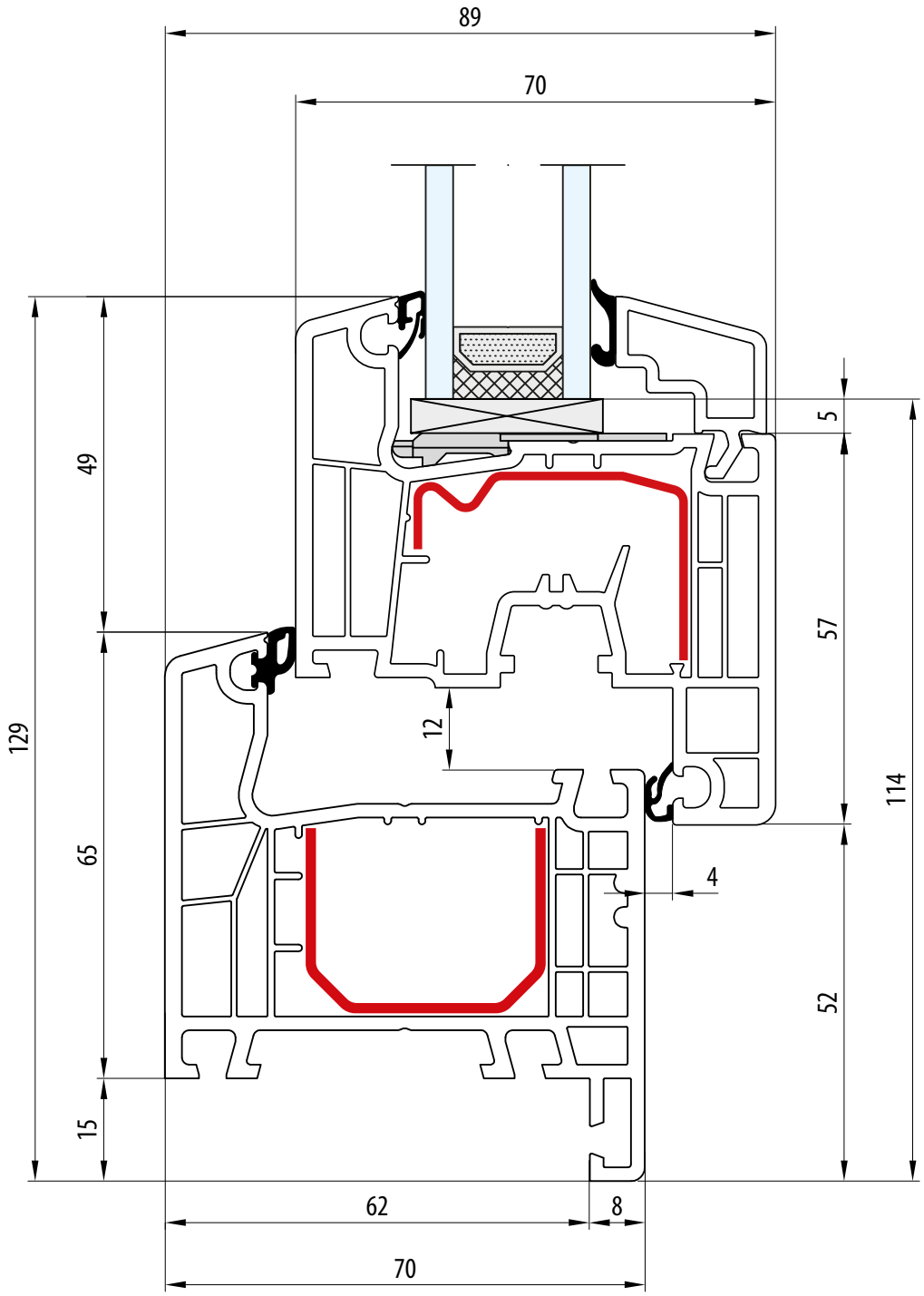


- MONOBLOCK - 70 mm · Rama: 80 mm
- MONOBLOC - 70 mm · Dormant: 80 mm
- MONOBLOK - 70 mm · Frame: 80 mm
- MONOBLOCK - 70 mm · Rahmen: 80 mm
- MONOBLOCK - 70 mm · Telaio: 80 mm
- MONOBLOCK - 70 mm · Kader: 80 mm

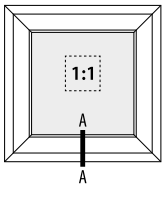


SL
CL

SL
CL
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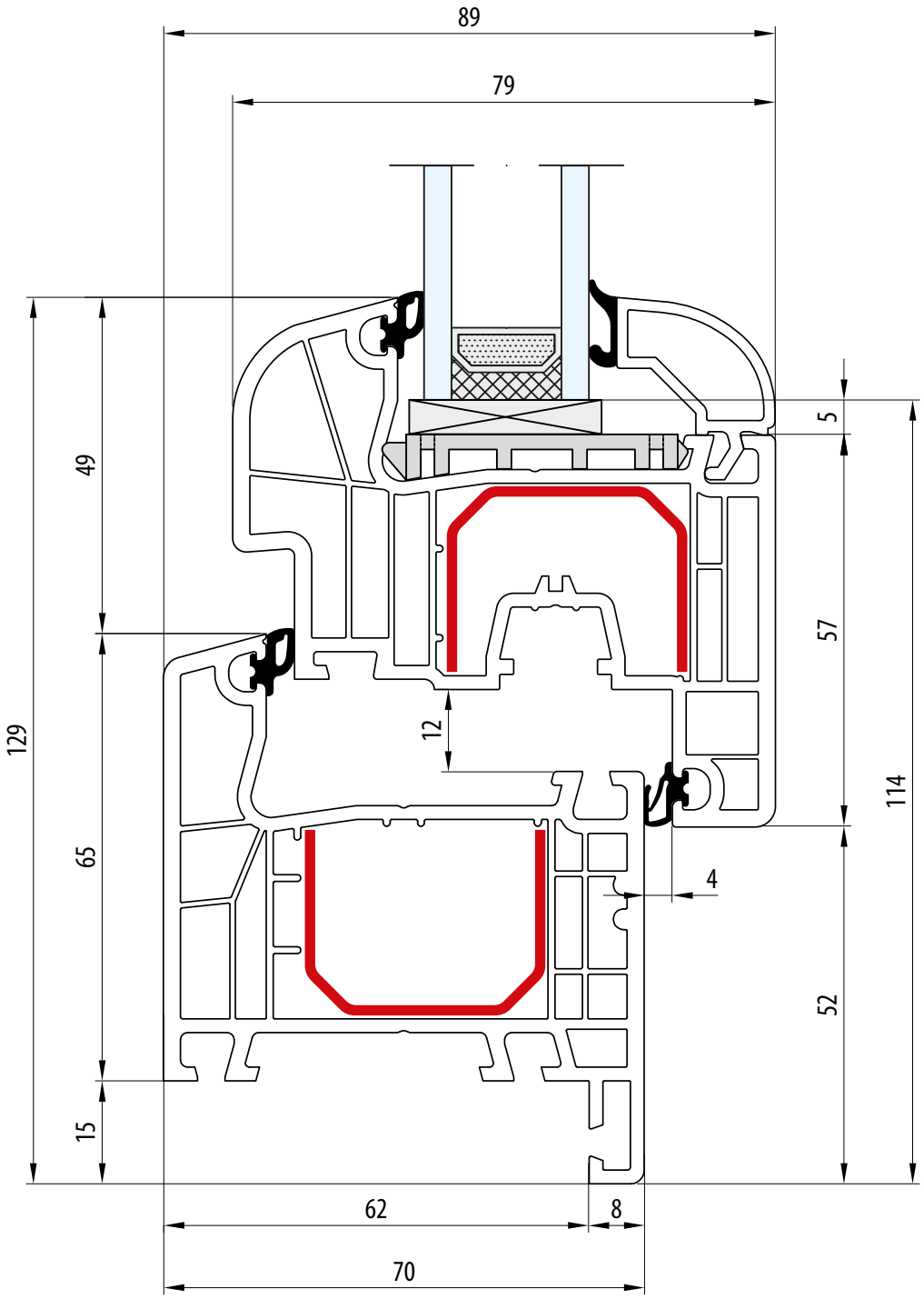


MONOBLOCK - 70 mm · Rama: 80 mm · Skrzydło: 77 mm
MONOBLOC -70 mm · Dormant: 80 mm · Vantail: 77 mm
MONOBLOK - 70 mm · Frame: 80 mm · Sash: 77 mm
MONOBLOCK - 70 mm · Rahmen: 80 mm · Flügel: 77 mm
MONOBLOCK - 70 mm · Telaio: 80 mm · Anta: 77 mm
MONOBLOCK - 70 mm · Kader: 80 mm · Vleugel: 77 mm

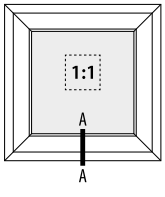


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- MONOBLOCK - 70 mm · Rama: 80 mm · Skrzydło: 77 mm
- MONOBLOC -70 mm · Dormant: 80 mm · Vantail: 77 mm
- MONOBLOK - 70 mm · Frame: 80 mm · Sash: 77 mm
- MONOBLOCK - 70 mm · Rahmen: 80 mm · Flügel: 77 mm
- MONOBLOCK - 70 mm · Telaio: 80 mm · Anta: 77 mm
- MONOBLOCK - 70 mm · Kader: 80 mm · Vleugel: 77 mm

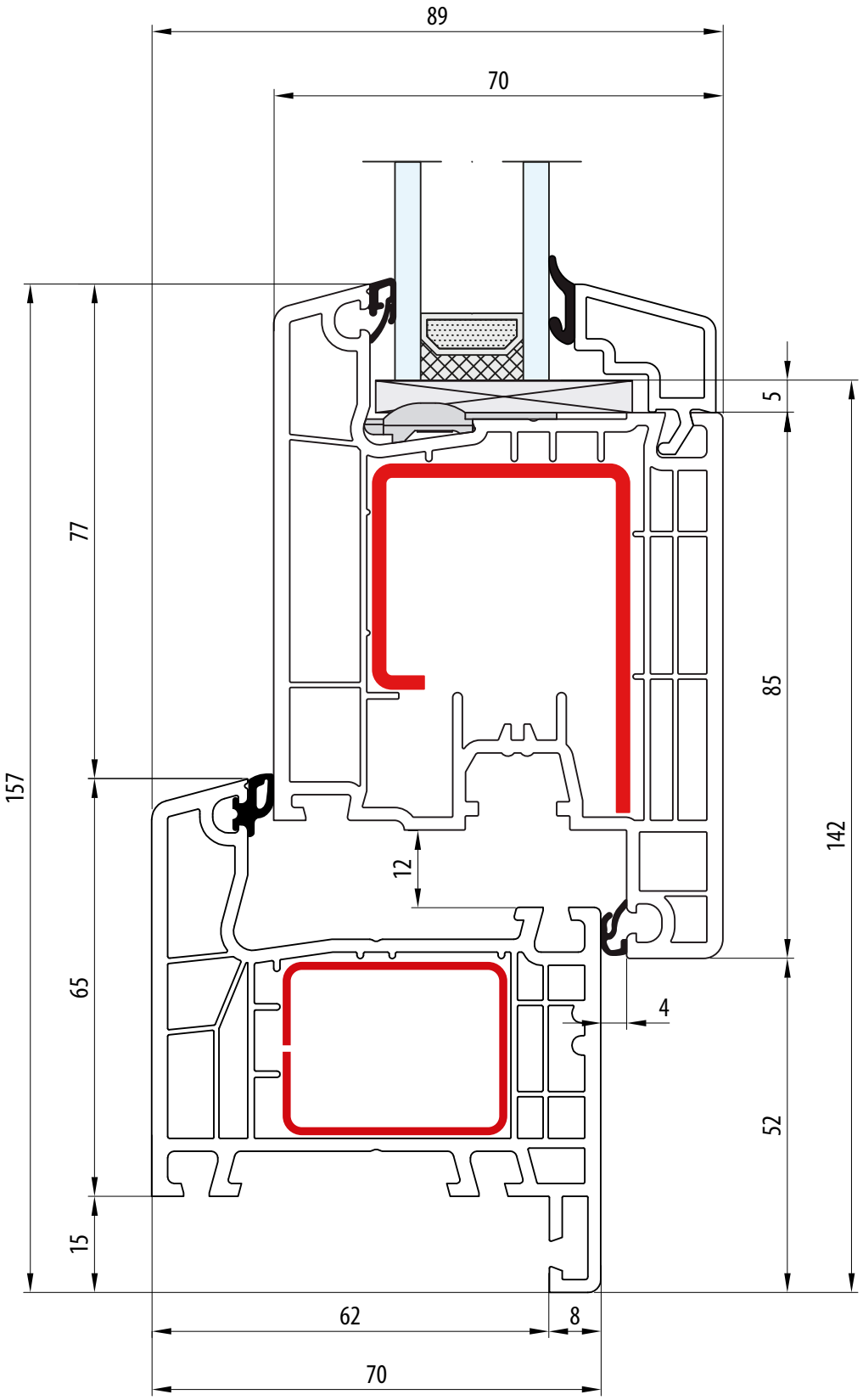




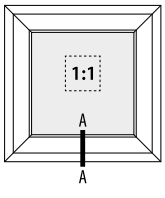


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- MONOBLOCK - 70 mm · Rama: 80 mm · Skrzydło: 105 mm
- MONOBLOC -70 mm · Dormant: 80 mm · Vantail: 105 mm
- MONOBLOK - 70 mm · Frame: 80 mm · Sash: 105 mm
- MONOBLOCK - 70 mm · Rahmen: 80 mm · Flügel: 105 mm
- MONOBLOCK - 70 mm · Telaio: 80 mm · Anta: 105 mm
- MONOBLOCK - 70 mm · Kader: 80 mm · Vleugel: 105 mm

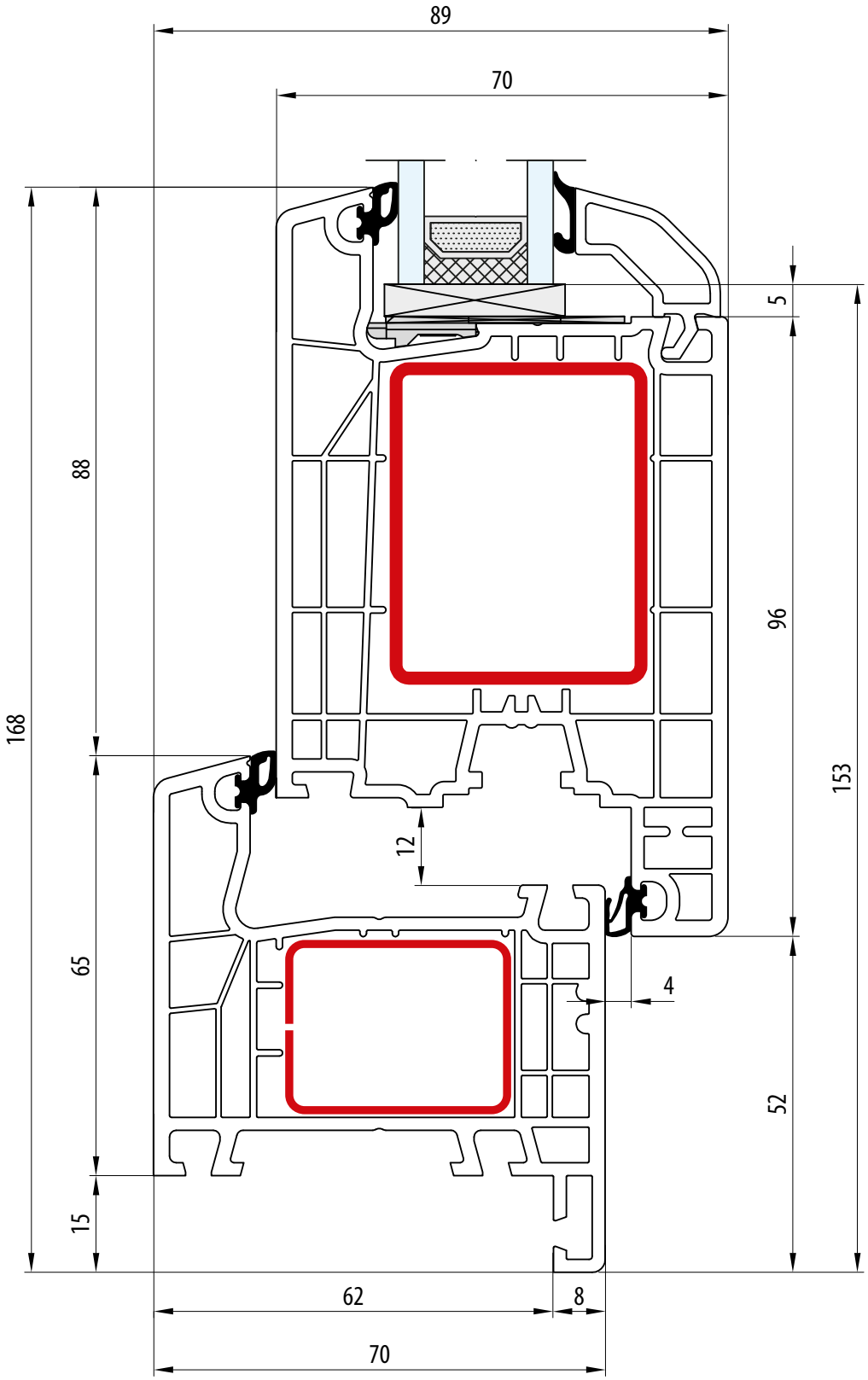




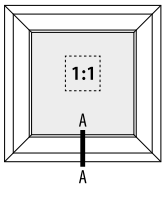






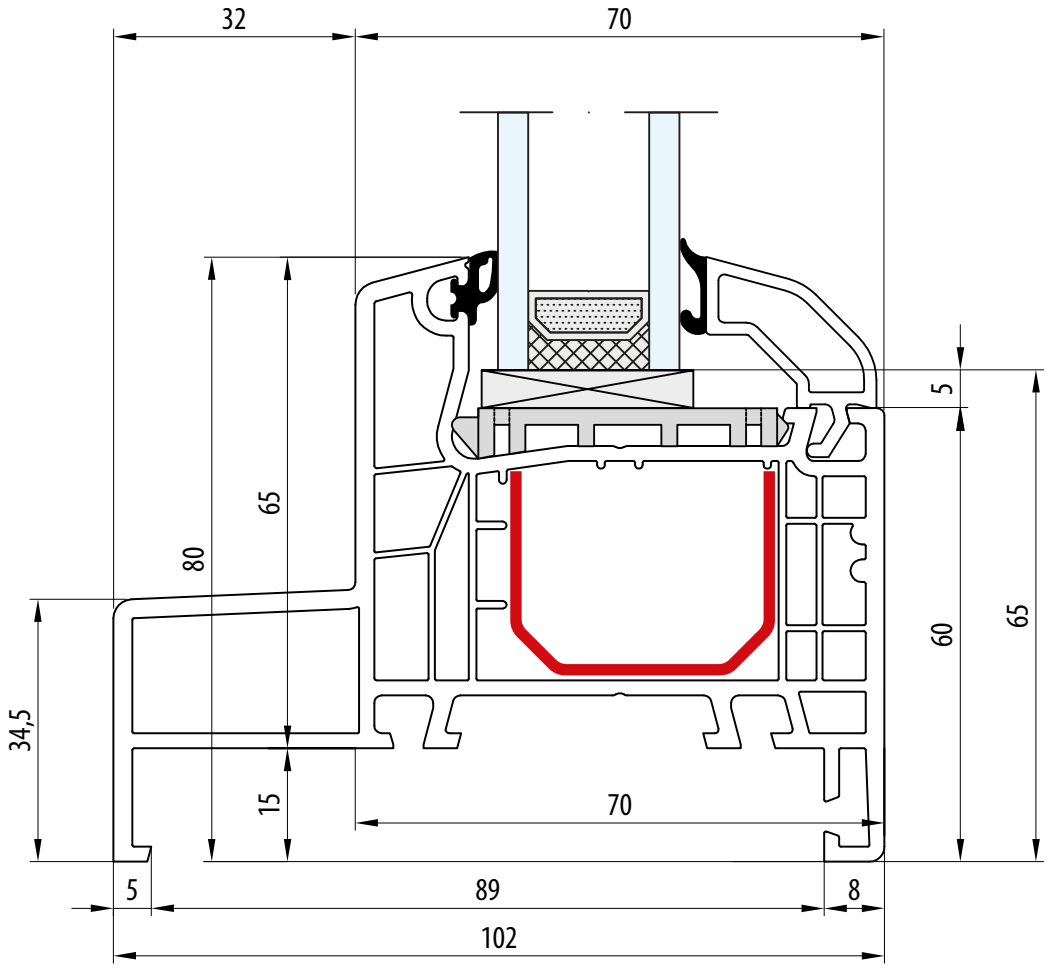


- MONOBLOCK - 70 mm · Rama: 80 mm · Skrzydło: 116 mm
- MONOBLOC -70 mm · Dormant: 80 mm · Vantail: 116 mm
- MONOBLOK - 70 mm · Frame: 80 mm · Sash: 116 mm
- MONOBLOCK - 70 mm · Rahmen: 80 mm · Flügel: 116 mm
- MONOBLOCK - 70 mm · Telaio: 80 mm · Anta: 116 mm
- MONOBLOCK - 70 mm · Kader: 80 mm · Vleugel: 116 mm

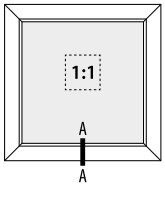


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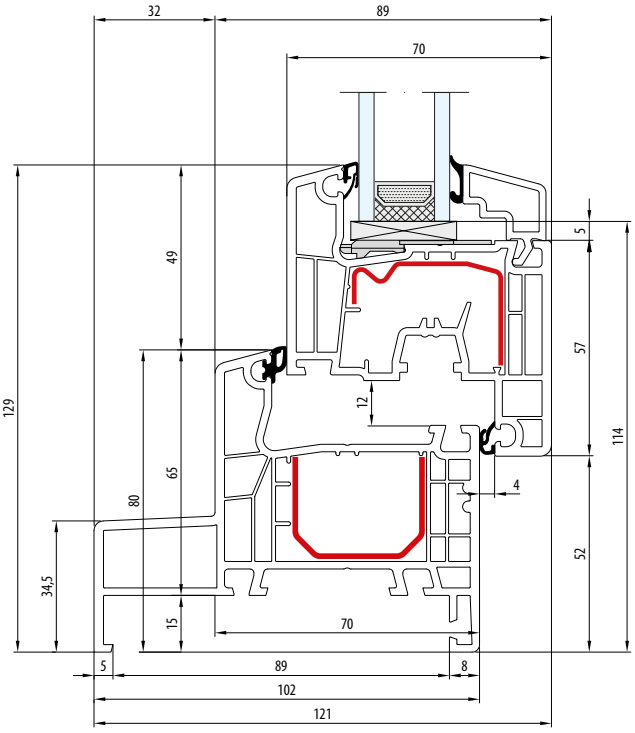


- MONOBLOCK - 100 mm · Rama: 80 mm
- MONOBLOC - 100 mm · Dormant: 80 mm
- MONOBLOK - 100 mm · Frame: 80 mm
- MONOBLOCK - 100 mm · Rahmen: 80 mm
- MONOBLOCK - 100 mm · Telaio: 80 mm
- MONOBLOCK - 100 mm · Kader: 80 mm

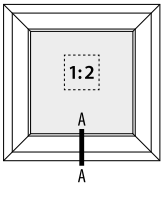


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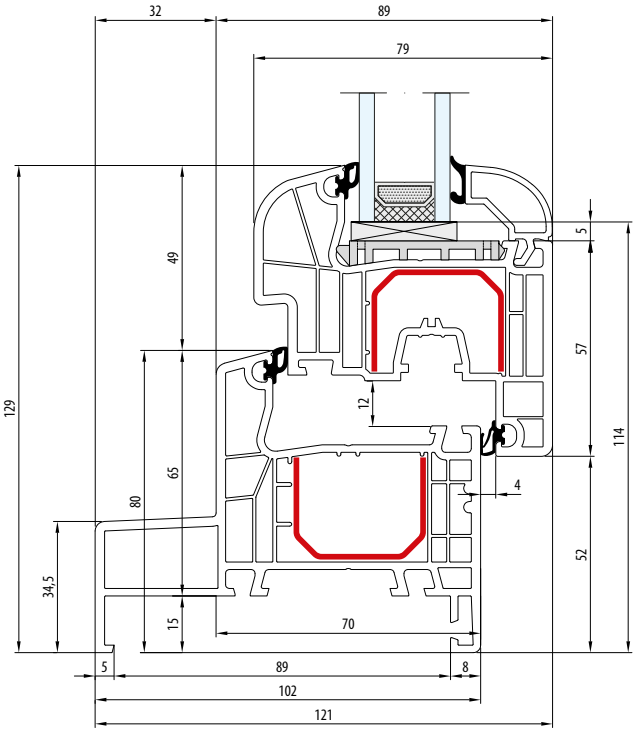


MONOBLOCK - 100 mm · Rama: 80 mm · Skrzydło: 77 mm
MONOBLOC -100 mm · Dormant: 80 mm · Vantail: 77 mm
MONOBLOK - 100 mm · Frame: 80 mm · Sash: 77 mm
MONOBLOCK - 100 mm · Rahmen: 80 mm · Flügel: 77 mm
MONOBLOCK - 100 mm · Telaio: 80 mm · Anta: 77 mm
MONOBLOCK - 100 mm · Kader: 80 mm · Vleugel: 77 mm

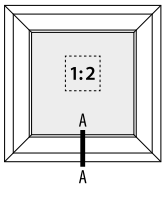


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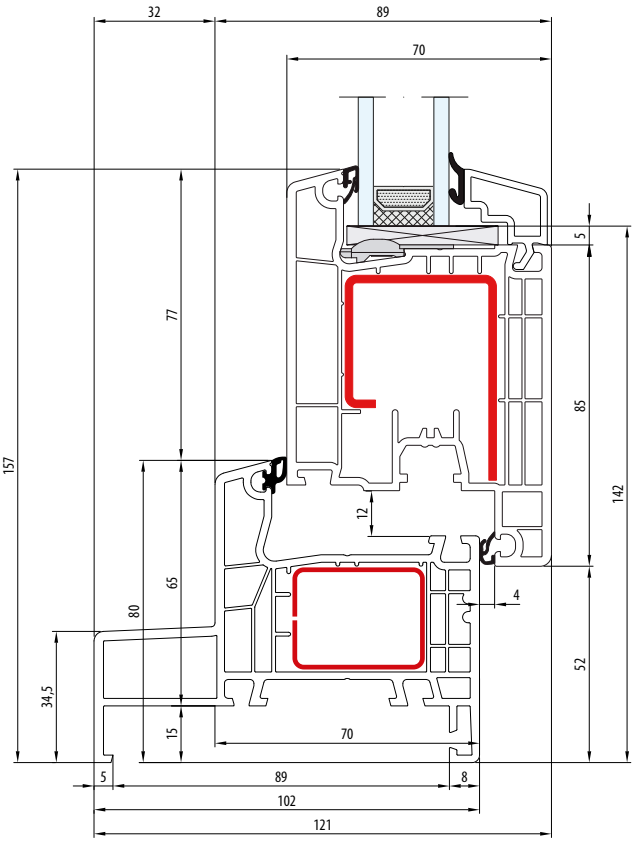


- MONOBLOCK - 100 mm · Rama: 80 mm · Skrzydło: 77 mm
- MONOBLOC -100 mm · Dormant: 80 mm · Vantail: 77 mm
- MONOBLOK - 100 mm · Frame: 80 mm · Sash: 77 mm
- MONOBLOCK - 100 mm · Rahmen: 80 mm · Flügel: 77 mm
- MONOBLOCK - 100 mm · Telaio: 80 mm · Anta: 77 mm
- MONOBLOCK - 100 mm · Kader: 80 mm · Vleugel: 77 mm

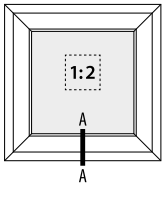


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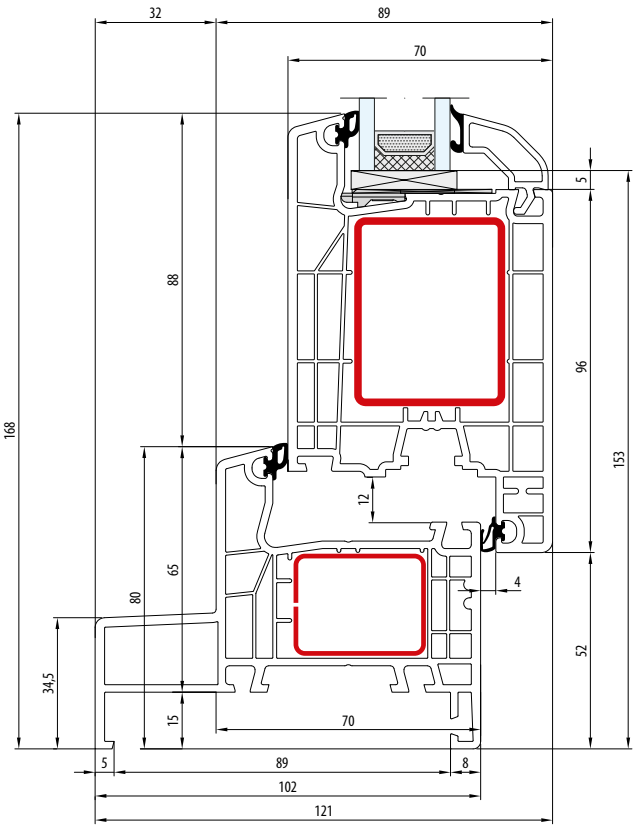


MONOBLOCK - 100 mm · Rama: 80 mm · Skrzydło: 105 mm
MONOBLOC -100 mm · Dormant: 80 mm · Vantail: 105 mm
MONOBLOK - 100 mm · Frame: 80 mm · Sash: 105 mm
MONOBLOCK - 100 mm · Rahmen: 80 mm · Flügel: 105 mm
MONOBLOCK - 100 mm · Telaio: 80 mm · Anta: 105 mm
MONOBLOCK - 100 mm · Kader: 80 mm · Vleugel: 105 mm

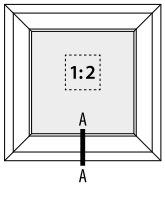


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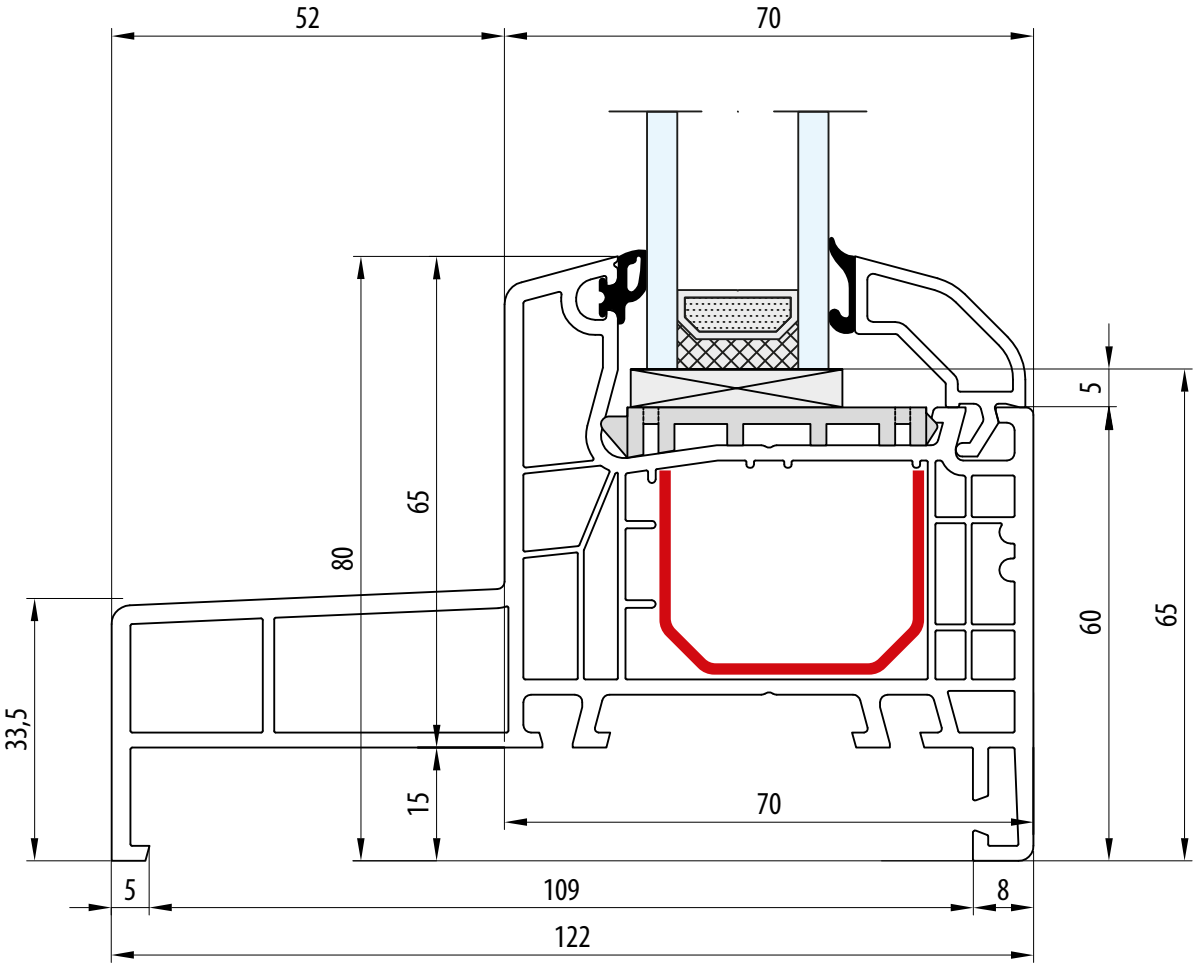


- MONOBLOCK - 100 mm · Rama: 80 mm · Skrzydło: 116 mm
- MONOBLOC -100 mm · Dormant: 80 mm · Vantail: 116 mm
- MONOBLOK - 100 mm · Frame: 80 mm · Sash: 116 mm
- MONOBLOCK - 100 mm · Rahmen: 80 mm · Flügel: 116 mm
- MONOBLOCK - 100 mm · Telaio: 80 mm · Anta: 116 mm
- MONOBLOCK - 100 mm · Kader: 80 mm · Vleugel: 116 mm

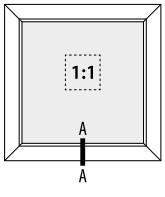


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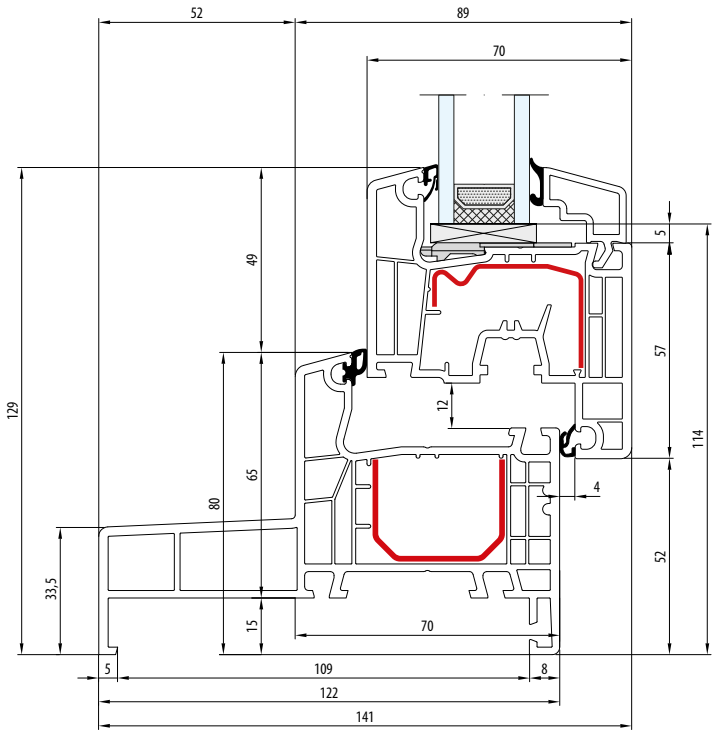


MONOBLOCK - 120 mm · Rama: 80 mm
MONOBLOC - 120 mm · Dormant: 80 mm
MONOBLOK - 120 mm · Frame: 80 mm
MONOBLOCK - 120 mm · Rahmen: 80 mm
MONOBLOCK - 120 mm · Telaio: 80 mm
MONOBLOCK - 120 mm · Kader: 80 mm

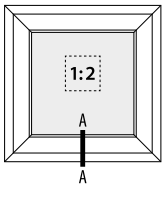


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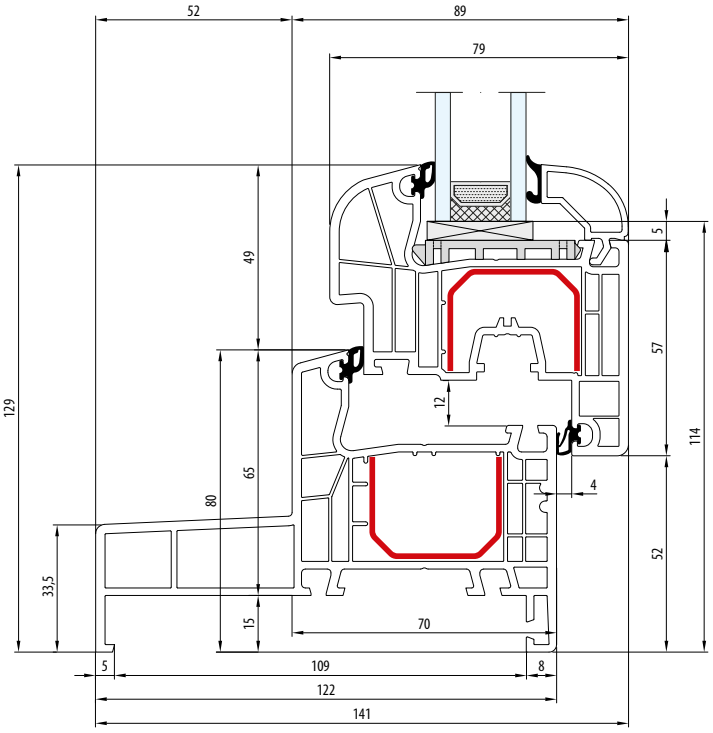


MONOBLOCK - 120 mm · Rama: 80 mm · Skrzydło: 77 mm
MONOBLOC -120 mm · Dormant: 80 mm · Vantail: 77 mm
MONOBLOK - 120 mm · Frame: 80 mm · Sash: 77 mm
MONOBLOCK - 120 mm · Rahmen: 80 mm · Flügel: 77 mm
MONOBLOCK - 120 mm · Telaio: 80 mm · Anta: 77 mm
MONOBLOCK - 120 mm · Kader: 80 mm · Vleugel: 77 mm

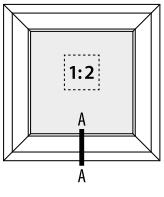


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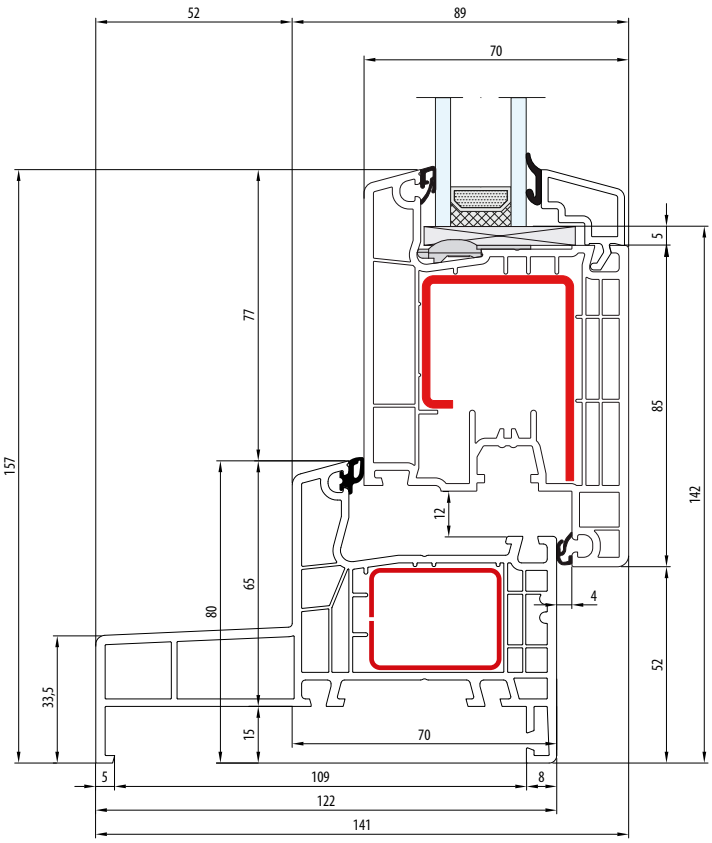


MONOBLOCK - 120 mm · Rama: 80 mm · Skrzydło: 77 mm
MONOBLOC -120 mm · Dormant: 80 mm · Vantail: 77 mm
MONOBLOK - 120 mm · Frame: 80 mm · Sash: 77 mm
MONOBLOCK - 120 mm · Rahmen: 80 mm · Flügel: 77 mm
MONOBLOCK - 120 mm · Telaio: 80 mm · Anta: 77 mm
MONOBLOCK - 120 mm · Kader: 80 mm · Vleugel: 77 mm

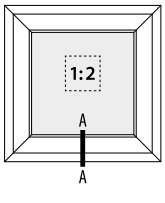


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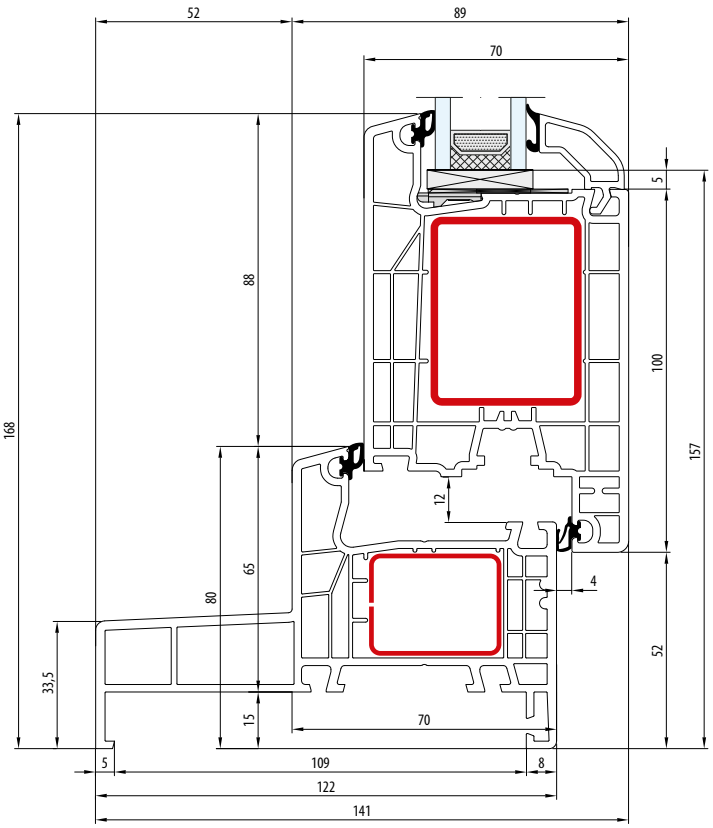


MONOBLOCK - 120 mm · Rama: 80 mm · Skrzydło: 105 mm
MONOBLOC -120 mm · Dormant: 80 mm · Vantail: 105 mm
MONOBLOK - 120 mm · Frame: 80 mm · Sash: 105 mm
MONOBLOCK - 120 mm · Rahmen: 80 mm · Flügel: 105 mm
MONOBLOCK - 120 mm · Telaio: 80 mm · Anta: 105 mm
MONOBLOCK - 120 mm · Kader: 80 mm · Vleugel: 105 mm

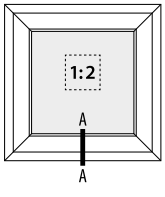


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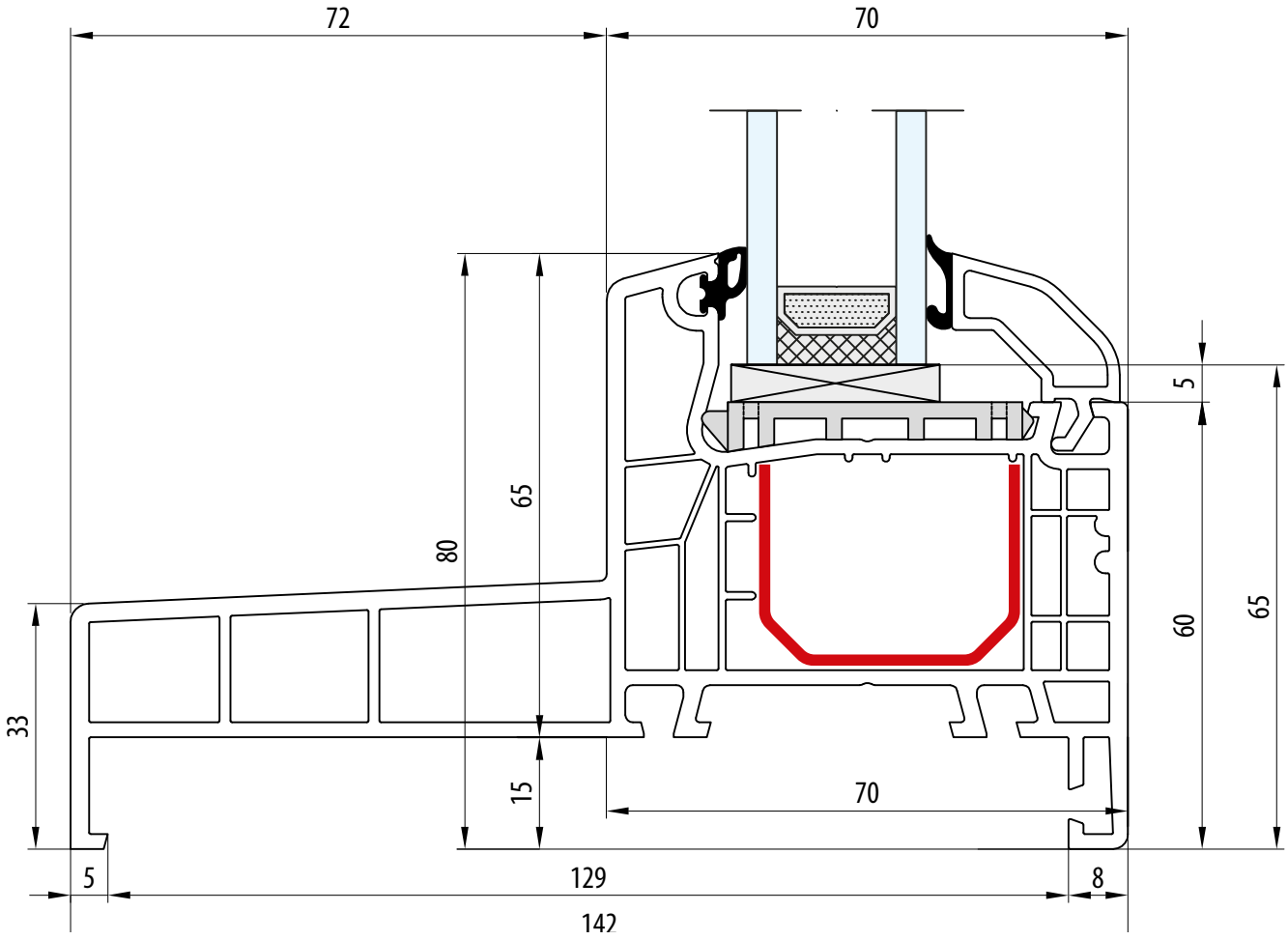


- MONOBLOCK - 120 mm · Rama: 80 mm · Skrzydło: 116 mm
- MONOBLOC -120 mm · Dormant: 80 mm · Vantail: 116 mm
- MONOBLOK - 120 mm · Frame: 80 mm · Sash: 116 mm
- MONOBLOCK - 120 mm · Rahmen: 80 mm · Flügel: 116 mm
- MONOBLOCK - 120 mm · Telaio: 80 mm · Anta: 116 mm
- MONOBLOCK - 120 mm · Kader: 80 mm · Vleugel: 116 mm

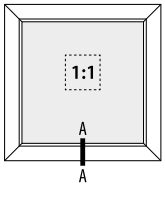


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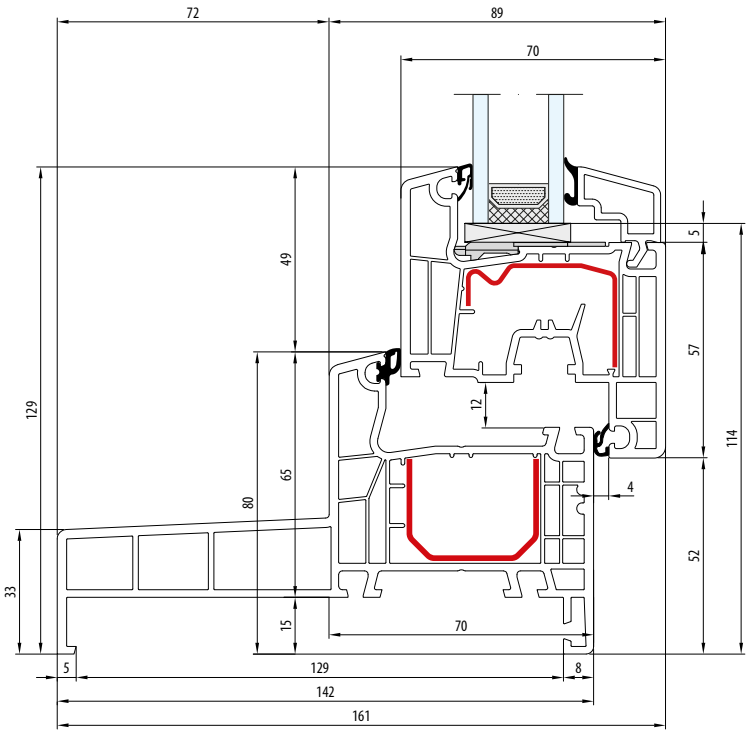


- MONOBLOCK - 140 mm · Rama: 80 mm
- MONOBLOC - 140 mm · Dormant: 80 mm
- MONOBLOK - 140 mm · Frame: 80 mm
- MONOBLOCK - 140 mm · Rahmen: 80 mm
- MONOBLOCK - 140 mm · Telaio: 80 mm
- MONOBLOCK - 140 mm · Kader: 80 mm

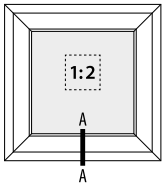


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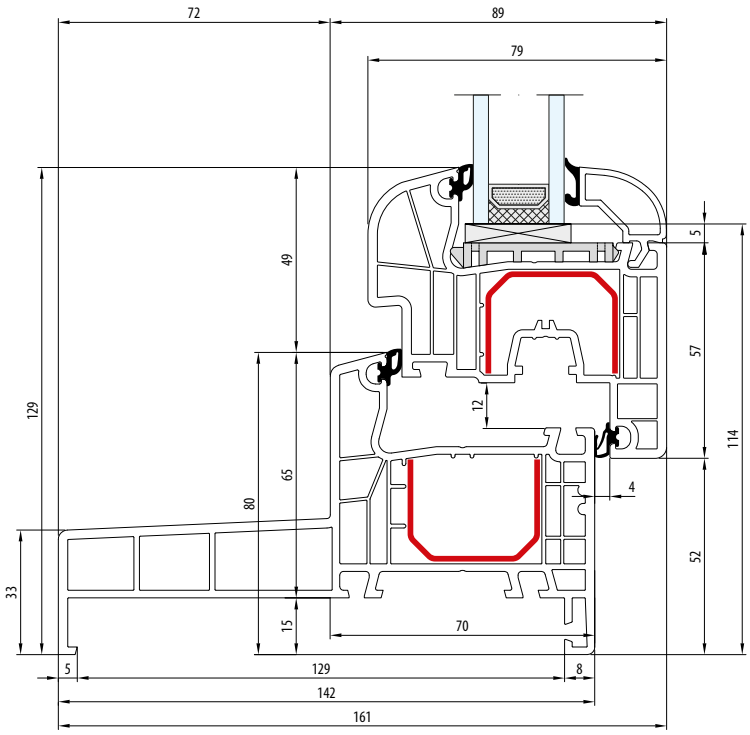


MONOBLOCK - 140 mm · Rama: 80 mm · Skrzydło: 77 mm
MONOBLOC -140 mm · Dormant: 80 mm · Vantail: 77 mm
MONOBLOK - 140 mm · Frame: 80 mm · Sash: 77 mm
MONOBLOCK - 140 mm · Rahmen: 80 mm · Flügel: 77 mm
MONOBLOCK - 140 mm · Telaio: 80 mm · Anta: 77 mm
MONOBLOCK - 140 mm · Kader: 80 mm · Vleugel: 77 mm

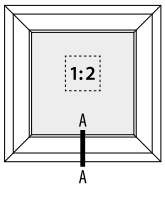


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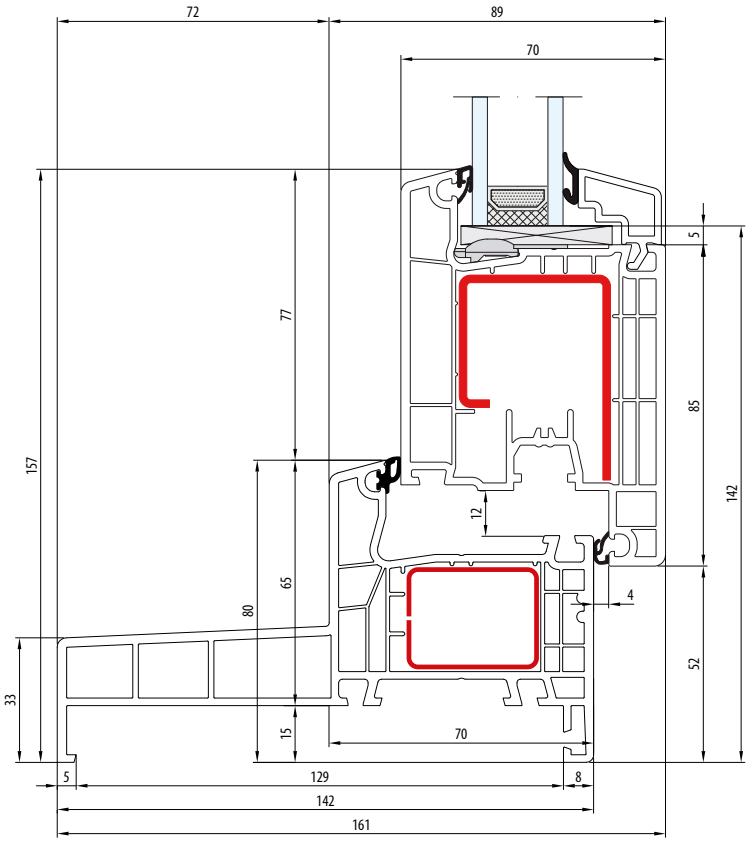


- MONOBLOCK - 140 mm · Rama: 80 mm · Skrzydło: 77 mm
- MONOBLOC -140 mm · Dormant: 80 mm · Vantail: 77 mm
- MONOBLOK - 140 mm · Frame: 80 mm · Sash: 77 mm
- MONOBLOCK - 140 mm · Rahmen: 80 mm · Flügel: 77 mm
- MONOBLOCK - 140 mm · Telaio: 80 mm · Anta: 77 mm
- MONOBLOCK - 140 mm · Kader: 80 mm · Vleugel: 77 mm

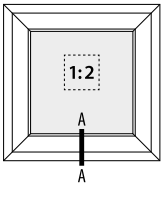


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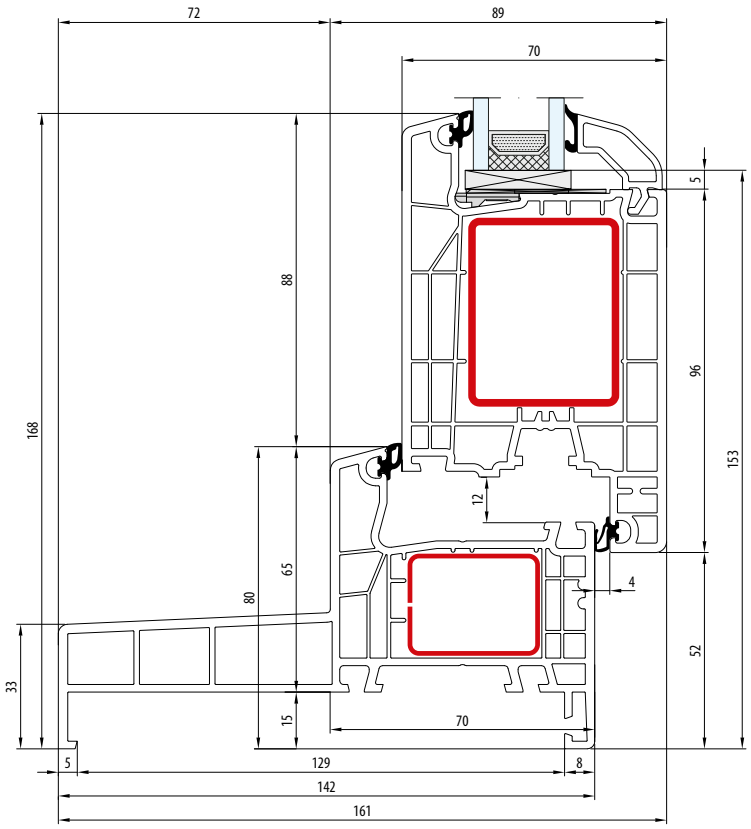


MONOBLOCK - 140 mm · Rama: 80 mm · Skrzydło: 105 mm
MONOBLOC -140 mm · Dormant: 80 mm · Vantail: 105 mm
MONOBLOK - 140 mm · Frame: 80 mm · Sash: 105 mm
MONOBLOCK - 140 mm · Rahmen: 80 mm · Flügel: 105 mm
MONOBLOCK - 140 mm · Telaio: 80 mm · Anta: 105 mm
MONOBLOCK - 140 mm · Kader: 80 mm · Vleugel: 105 mm

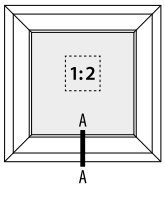


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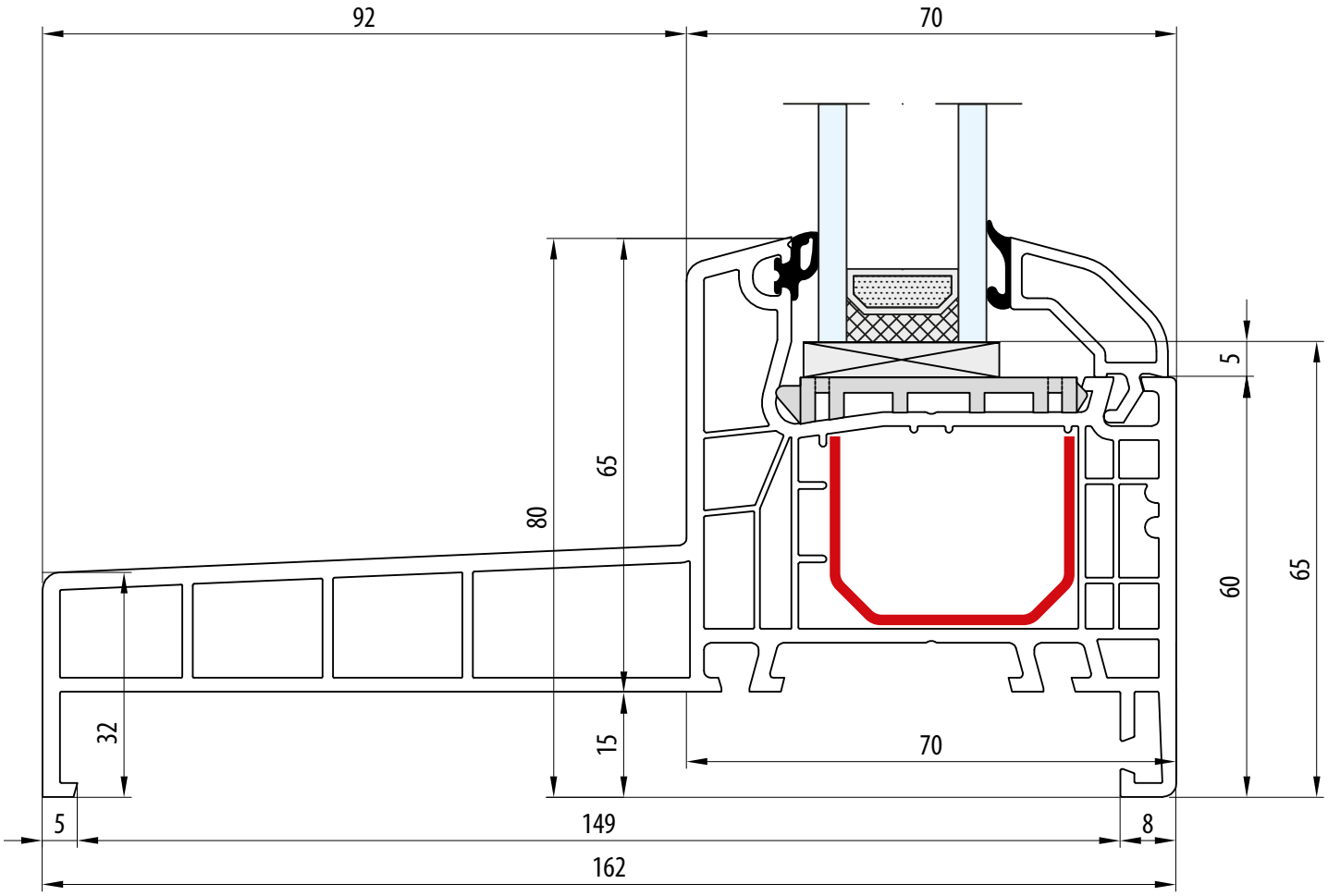


- MONOBLOCK - 140 mm · Rama: 80 mm · Skrzydło: 116 mm
- MONOBLOC -140 mm · Dormant: 80 mm · Vantail: 116 mm
- MONOBLOK - 140 mm · Frame: 80 mm · Sash: 116 mm
- MONOBLOCK - 140 mm · Rahmen: 80 mm · Flügel: 116 mm
- MONOBLOCK - 140 mm · Telaio: 80 mm · Anta: 116 mm
- MONOBLOCK - 140 mm · Kader: 80 mm · Vleugel: 116 mm

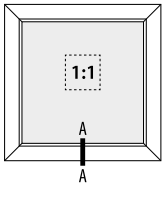


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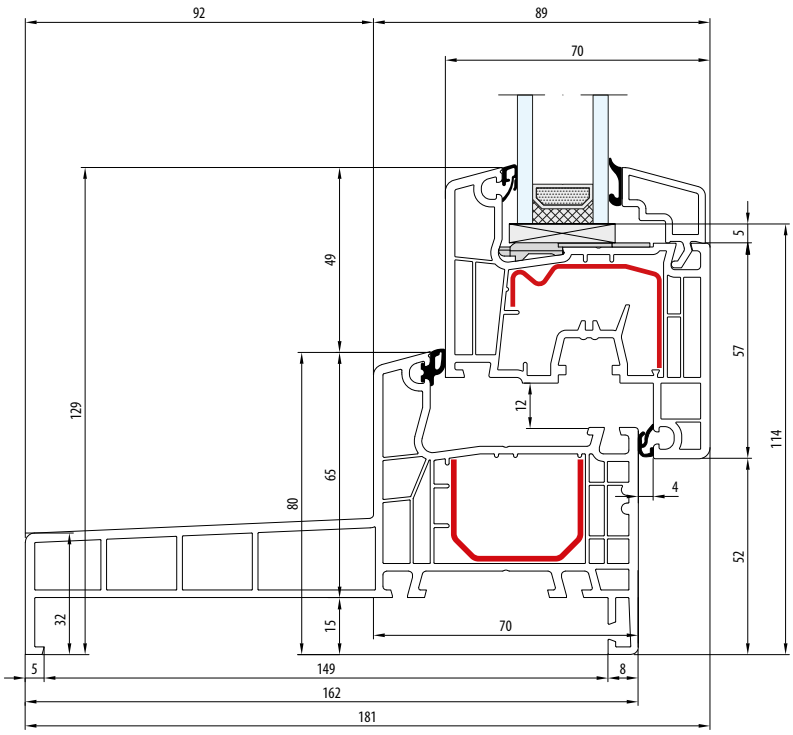


- MONOBLOCK - 160 mm · Rama: 80 mm
- MONOBLOC -160 mm · Dormant: 80 mm
- MONOBLOK - 160 mm · Frame: 80 mm
- MONOBLOCK - 160 mm · Rahmen: 80 mm
- MONOBLOCK - 160 mm · Telaio: 80 mm
- MONOBLOCK - 160 mm · Kader: 80 mm

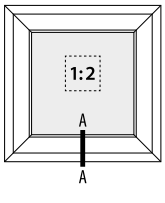


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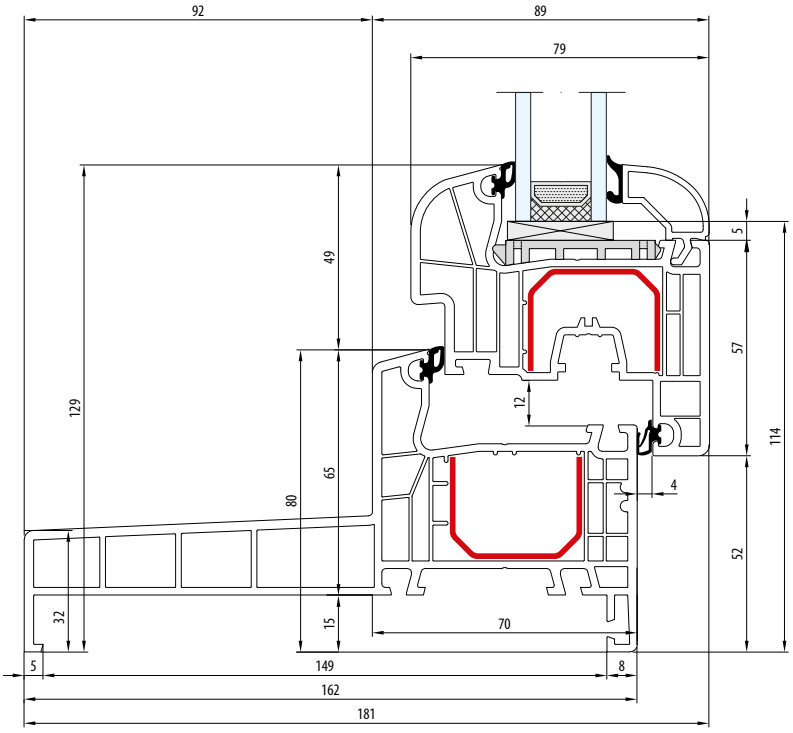


MONOBLOCK - 160 mm · Rama: 80 mm · Skrzydło: 77 mm
MONOBLOC -160 mm · Dormant: 80 mm · Vantail: 77 mm
MONOBLOK - 160 mm · Frame: 80 mm · Sash: 77 mm
MONOBLOCK - 160 mm · Rahmen: 80 mm · Flügel: 77 mm
MONOBLOCK - 160 mm · Telaio: 80 mm · Anta: 77 mm
MONOBLOCK - 160 mm · Kader: 80 mm · Vleugel: 77 mm

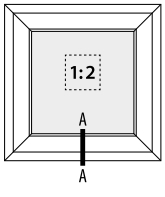


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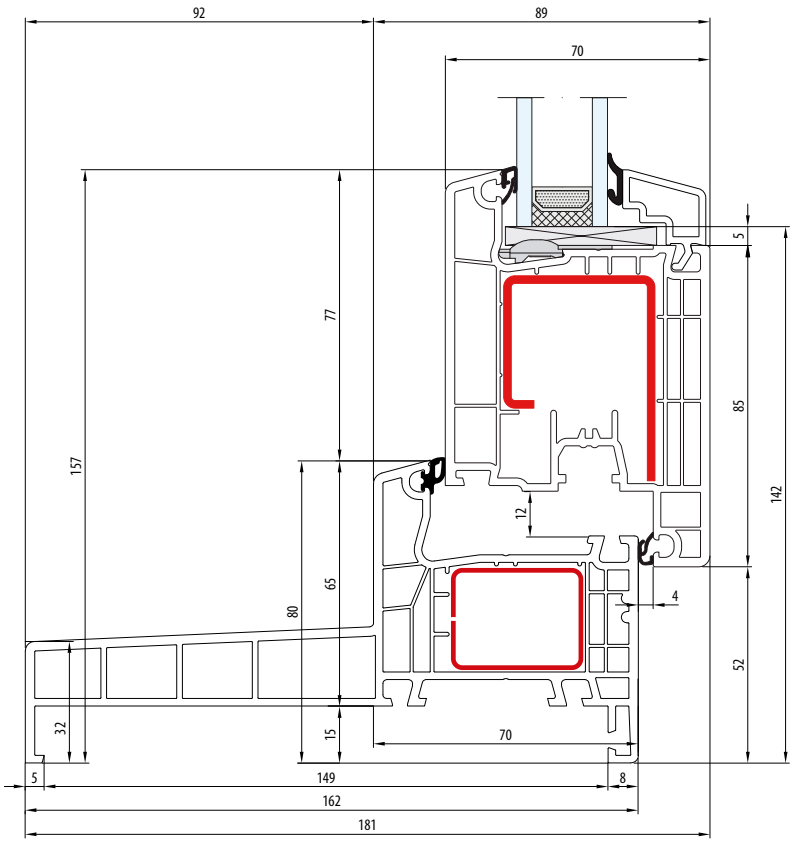


MONOBLOCK - 160 mm · Rama: 80 mm · Skrzydło: 77 mm
MONOBLOC -160 mm · Dormant: 80 mm · Vantail: 77 mm
MONOBLOK - 160 mm · Frame: 80 mm · Sash: 77 mm
MONOBLOCK - 160 mm · Rahmen: 80 mm · Flügel: 77 mm
MONOBLOCK - 160 mm · Telaio: 80 mm · Anta: 77 mm
MONOBLOCK - 160 mm · Kader: 80 mm · Vleugel: 77 mm

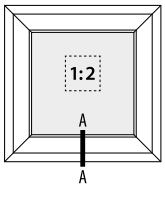


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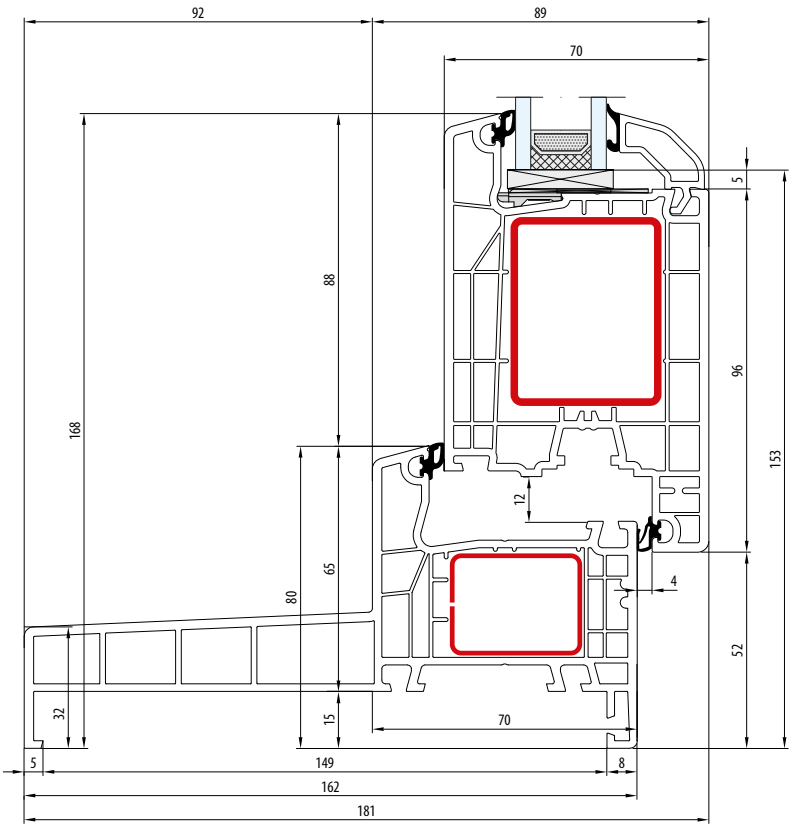


- MONOBLOCK - 160 mm · Rama: 80 mm · Skrzydło: 105 mm
- MONOBLOC -160 mm · Dormant: 80 mm · Vantail: 105 mm
- MONOBLOK - 160 mm · Frame: 80 mm · Sash: 105 mm
- MONOBLOCK - 160 mm · Rahmen: 80 mm · Flügel: 105 mm
- MONOBLOCK - 160 mm · Telaio: 80 mm · Anta: 105 mm
- MONOBLOCK - 160 mm · Kader: 80 mm · Vleugel: 105 mm

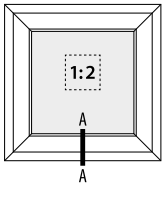


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MONOBLOCK - 160 mm · Rama: 80 mm · Skrzydło: 116 mm
MONOBLOC -160 mm · Dormant: 80 mm · Vantail: 116 mm
MONOBLOK - 160 mm · Frame: 80 mm · Sash: 116 mm
MONOBLOCK - 160 mm · Rahmen: 80 mm · Flügel: 116 mm
MONOBLOCK - 160 mm · Telaio: 80 mm · Anta: 116 mm
MONOBLOCK - 160 mm · Kader: 80 mm · Vleugel: 116 mm

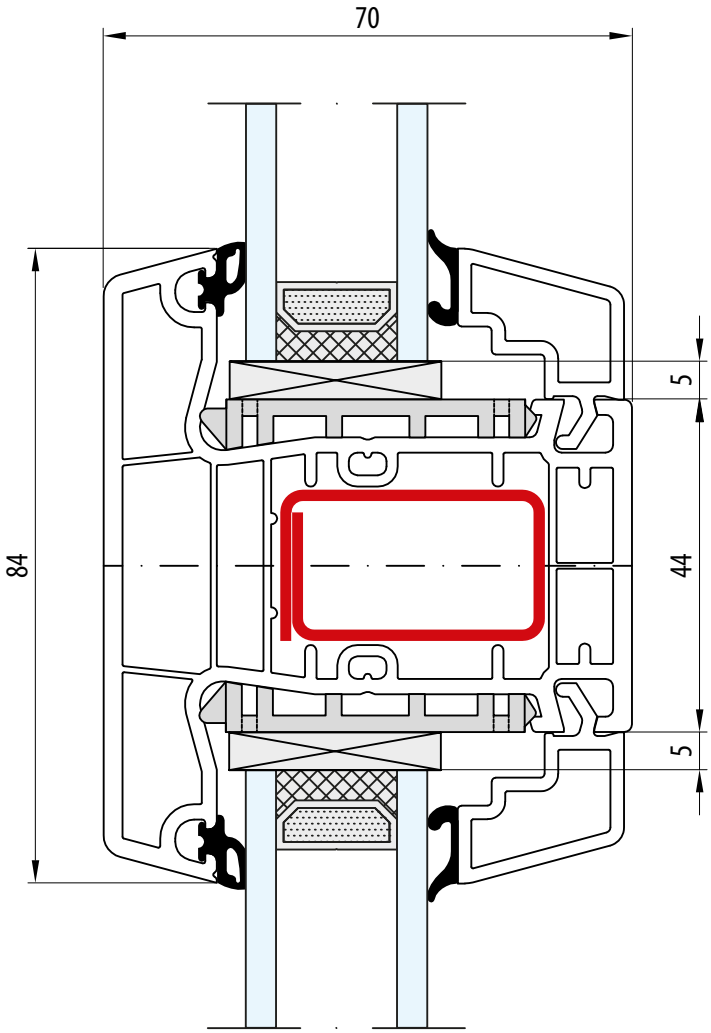




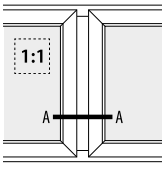






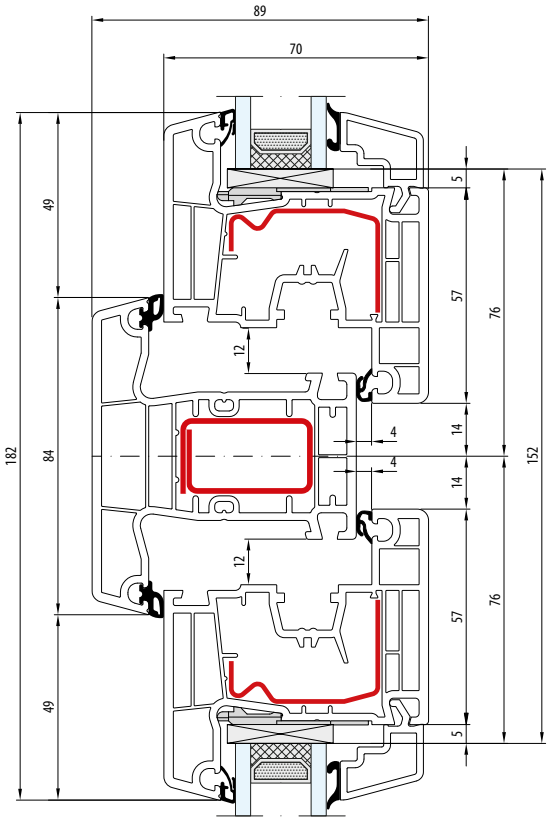


- Słupek stały: 84 mm
- Meneau fixe: 84 mm
- Fix post: 84 mm
- Festem Pfahl: 84 mm
- Montante fisso: 84 mm
- Vaste stijl: 84 mm

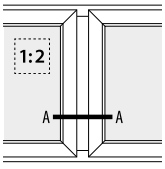


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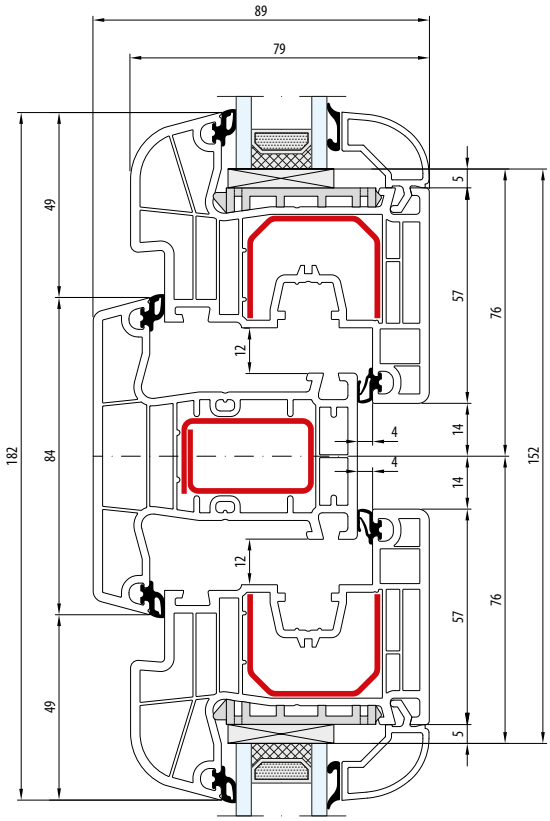


Słupek stały: 84 mm · Skrzydło: 77 mm
Meneau fixe: 84 mm · Vantail: 77 mm
Fix post: 84 mm · Sash: 77 mm
Festem Pfahl: 84 mm · Flügel: 77 mm
Montante fisso: 84 mm · Anta: 77 mm
Vaste stijl: 84 mm · Vleugel: 77 mm

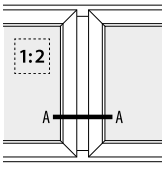


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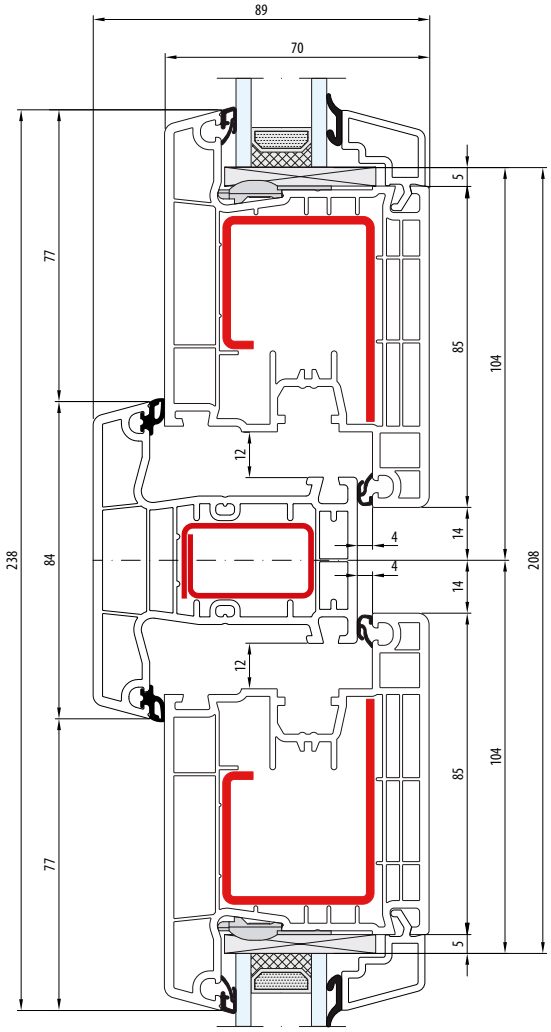


- Słupek stały: 84 mm · Skrzydło: 77 mm
- Meneau fixe: 84 mm · Vantail: 77 mm
- Fix post: 84 mm · Sash: 77 mm
- Festem Pfahl: 84 mm · Flügel: 77 mm
- Montante fisso: 84 mm · Anta: 77 mm
- Vaste stijl: 84 mm · Vleugel: 77 mm

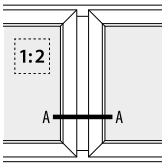


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Słupek stały: 84 mm · Skrzydło: 105 mm
Meneau fixe: 84 mm · Vantail: 105 mm
Fix post: 84 mm · Sash: 105 mm
Festem Pfahl: 84 mm · Flügel: 105 mm
Montante fisso: 84 mm · Anta: 105 mm
Vaste stijl: 84 mm · Vleugel: 105 mm

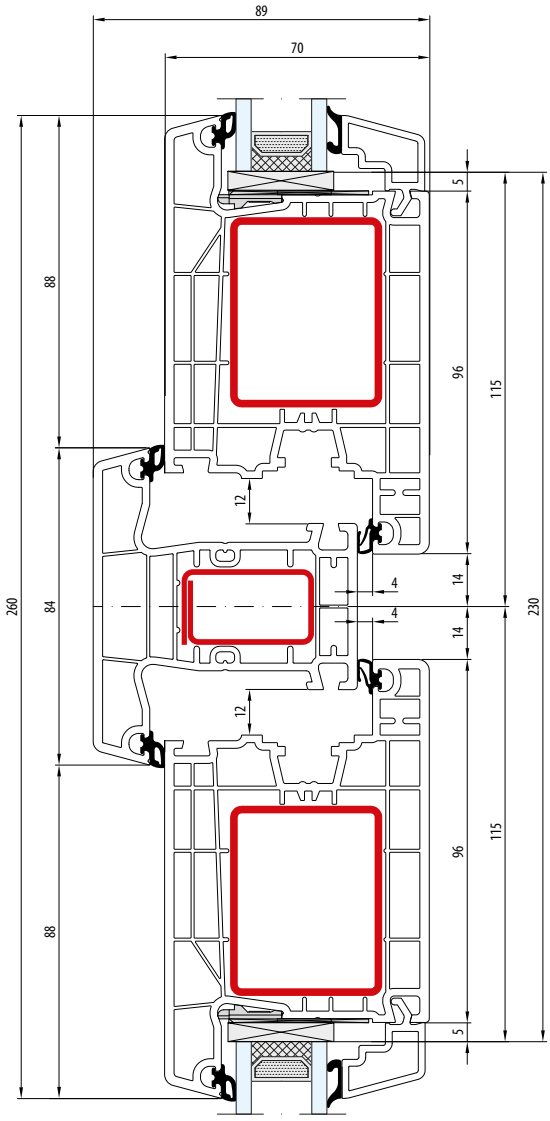




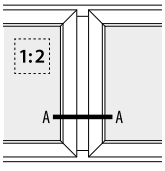






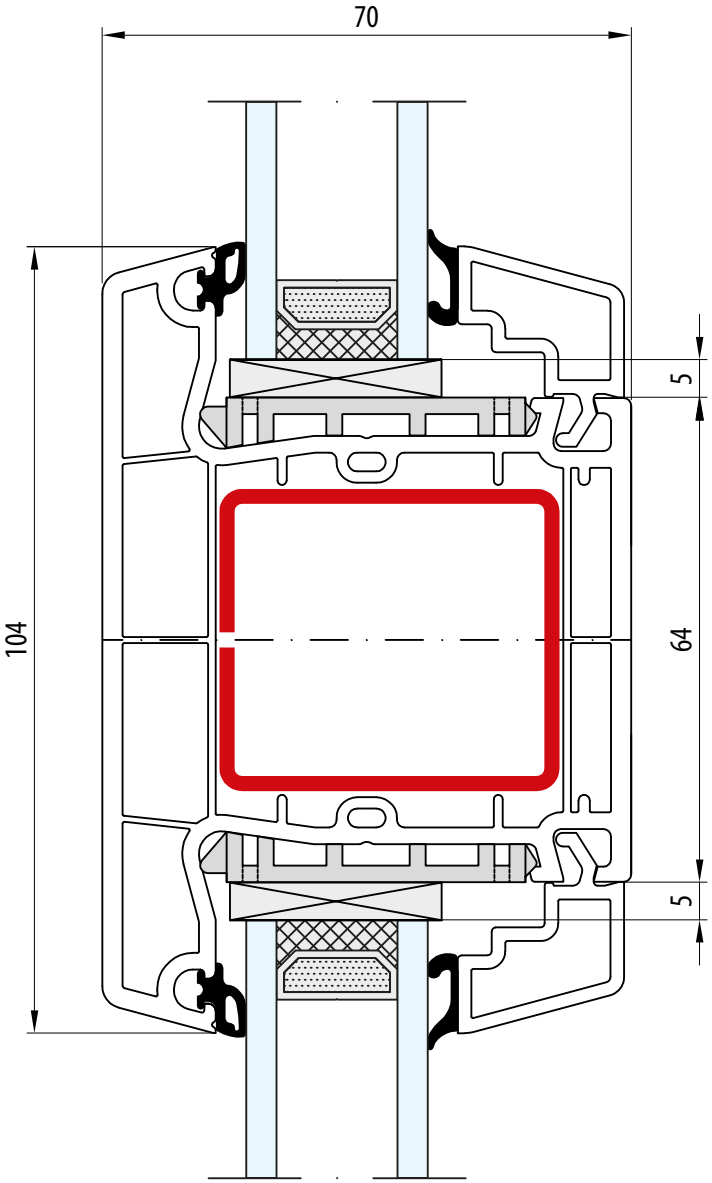


- Słupek stały: 84 mm · Skrzydło: 116 mm
- Meneau fixe: 84 mm · Vantail: 116 mm
- Fix post: 84 mm · Sash: 116 mm
- Festem Pfahl: 84 mm · Flügel: 116 mm
- Montante fisso: 84 mm · Anta: 116 mm
- Vaste stijl: 84 mm · Vleugel: 116 mm

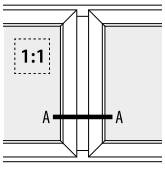


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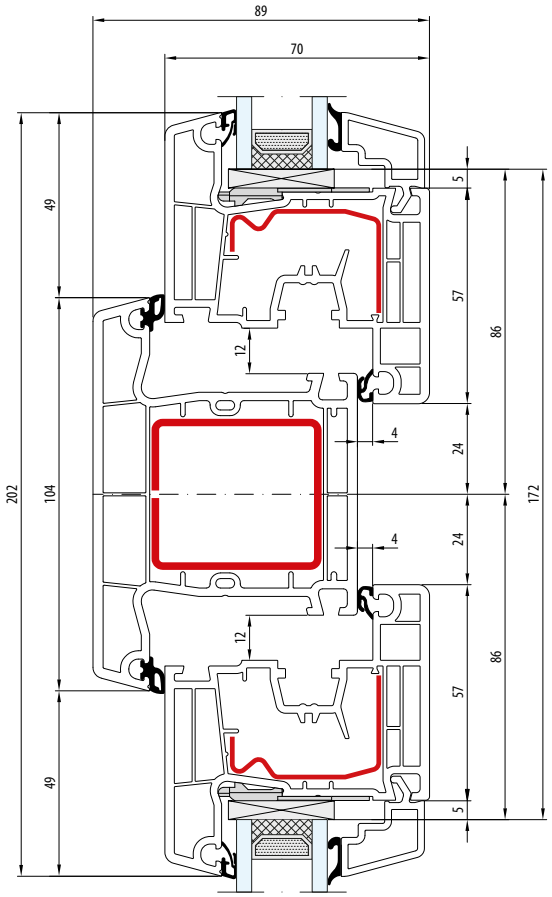


- Słupek stały: 104 mm
- Meneau fixe: 104 mm
- Fix post: 104 mm
- Festem Pfahl: 104 mm
- Montante fisso: 104 mm
- Vaste stijl: 104 mm

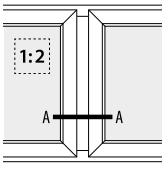


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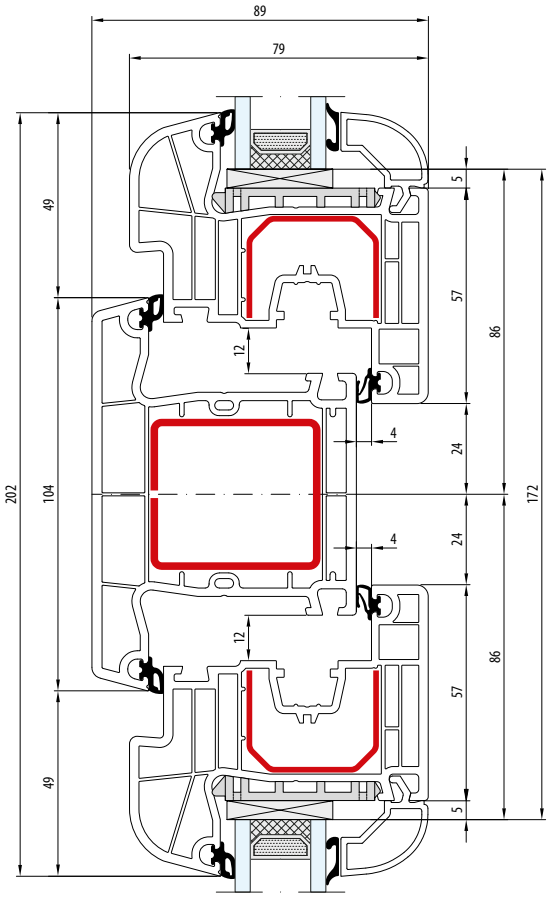


Słupek stały: 104 mm · Skrzydło: 77 mm
Meneau fixe: 104 mm · Vantail: 77 mm
Fix post: 104 mm · Sash: 77 mm
Festem Pfahl: 104 mm · Flügel: 77 mm
Montante fisso: 104 mm · Anta: 77 mm
Vaste stijl: 104 mm · Vleugel: 77 mm

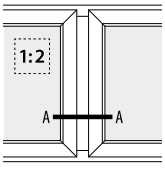


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- Słupek stały: 104 mm · Skrzydło: 77 mm
- Meneau fixe: 104 mm · Vantail: 77 mm
- Fix post: 104 mm · Sash: 77 mm
- Festem Pfahl: 104 mm · Flügel: 77 mm
- Montante fisso: 104 mm · Anta: 77 mm
- Vaste stijl: 104 mm · Vleugel: 77 mm

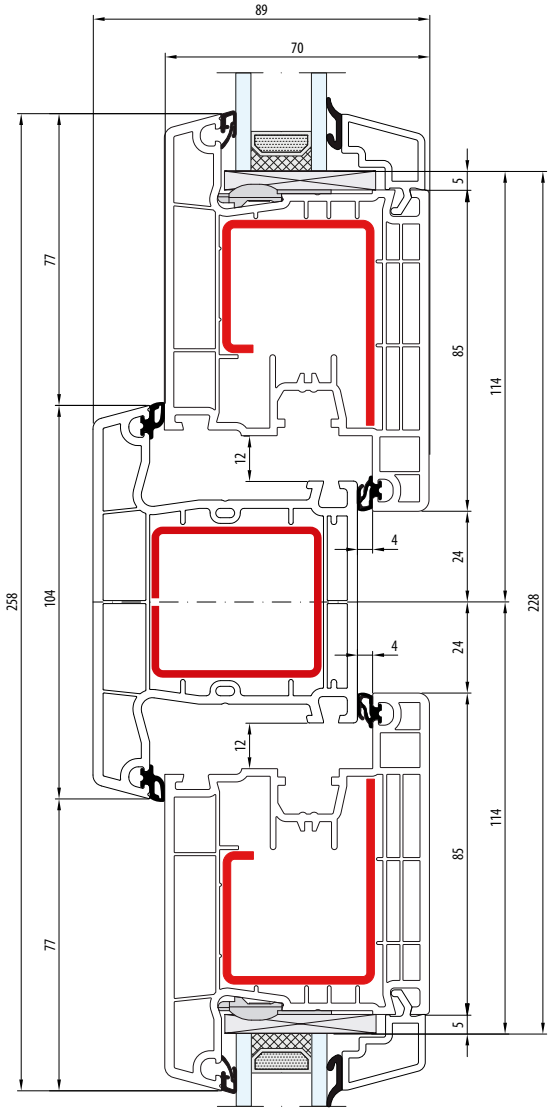




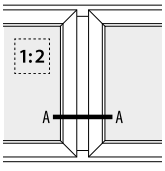






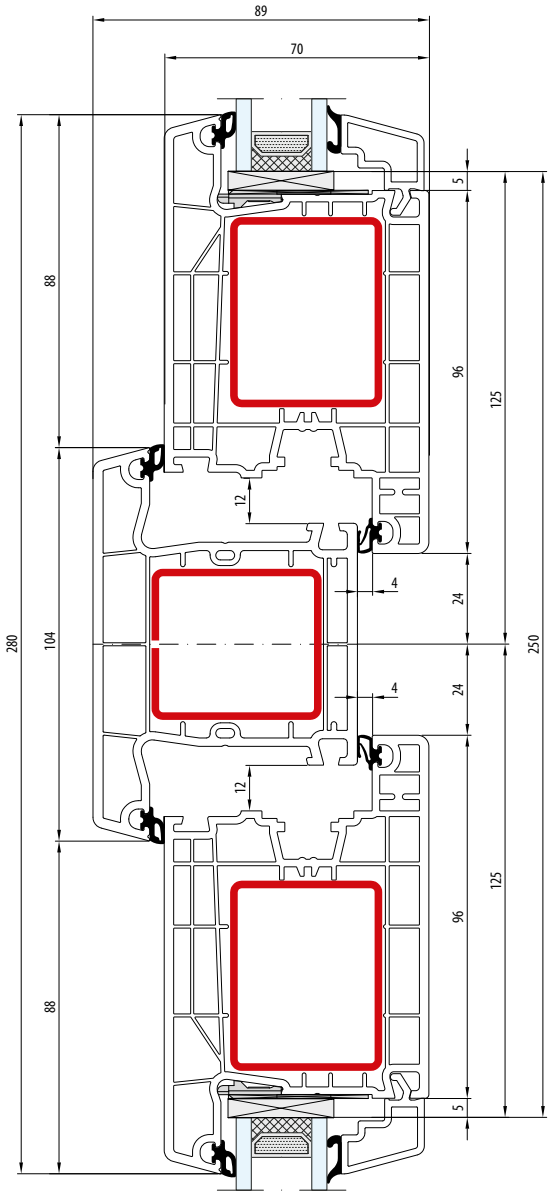


- Słupek stały: 104 mm · Skrzydło: 105 mm
- Meneau fixe: 104 mm · Vantail: 105 mm
- Fix post: 104 mm · Sash: 105 mm
- Festem Pfahl: 104 mm · Flügel: 105 mm
- Montante fisso: 104 mm · Anta: 105 mm
- Vaste stijl: 104 mm · Vleugel: 105 mm

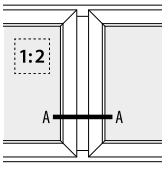


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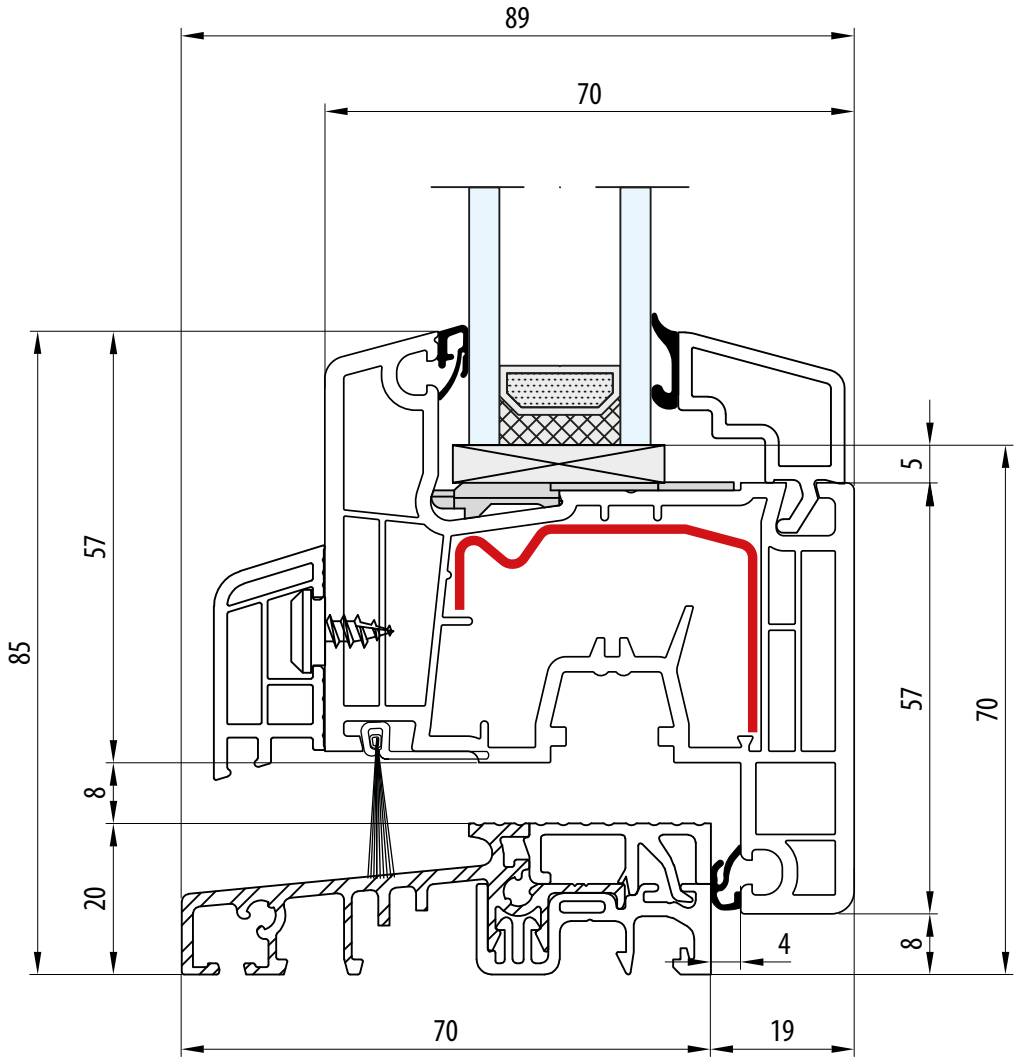


- Słupek stały: 104 mm · Skrzydło: 116 mm
- Meneau fixe: 104 mm · Vantail: 116 mm
- Fix post: 104 mm · Sash: 116 mm
- Festem Pfahl: 104 mm · Flügel: 116 mm
- Montante fisso: 104 mm · Anta: 116 mm
- Vaste stijl: 104 mm · Vleugel: 116 mm

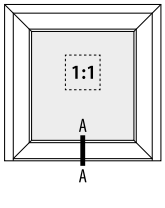


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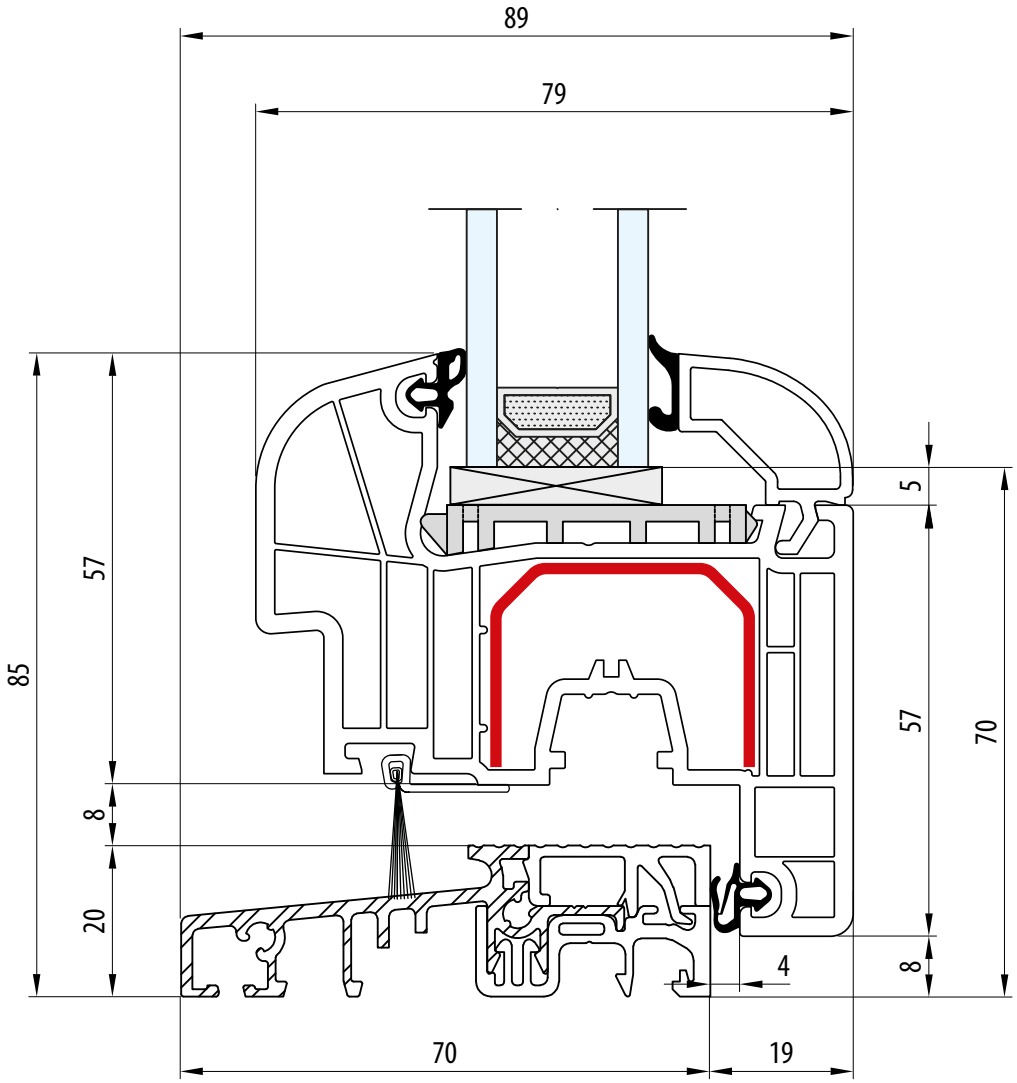


Próg: 20 mm · Skrzydło: 77 mm
Seuil: 20 mm · Vantail: 77 mm
Threshold: 20 mm · Sash: 77 mm
Schwelle: 20 mm · Flügel: 77 mm
Soglia: 20 mm · Anta: 77 mm
Dorpel: 20 mm · Vleugel: 77 mm

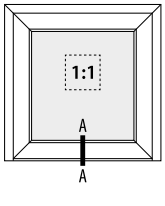


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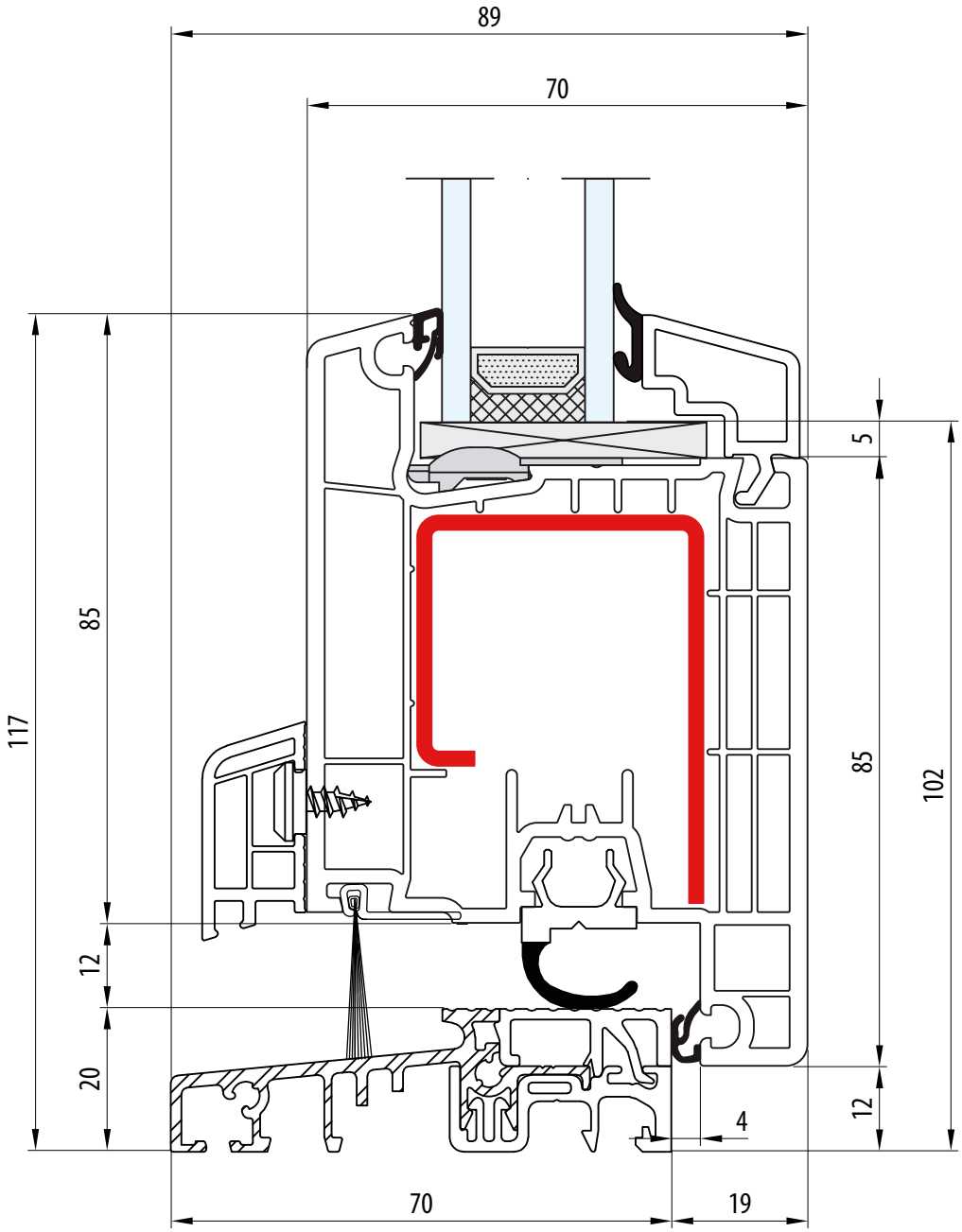


Próg: 20 mm · Skrzydło: 77 mm
Seuil: 20 mm · Vantail: 77 mm
Threshold: 20 mm · Sash: 77 mm
Schwelle: 20 mm · Flügel: 77 mm
Soglia: 20 mm · Anta: 77 mm
Dorpel: 20 mm · Vleugel: 77 mm

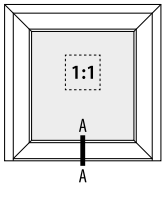


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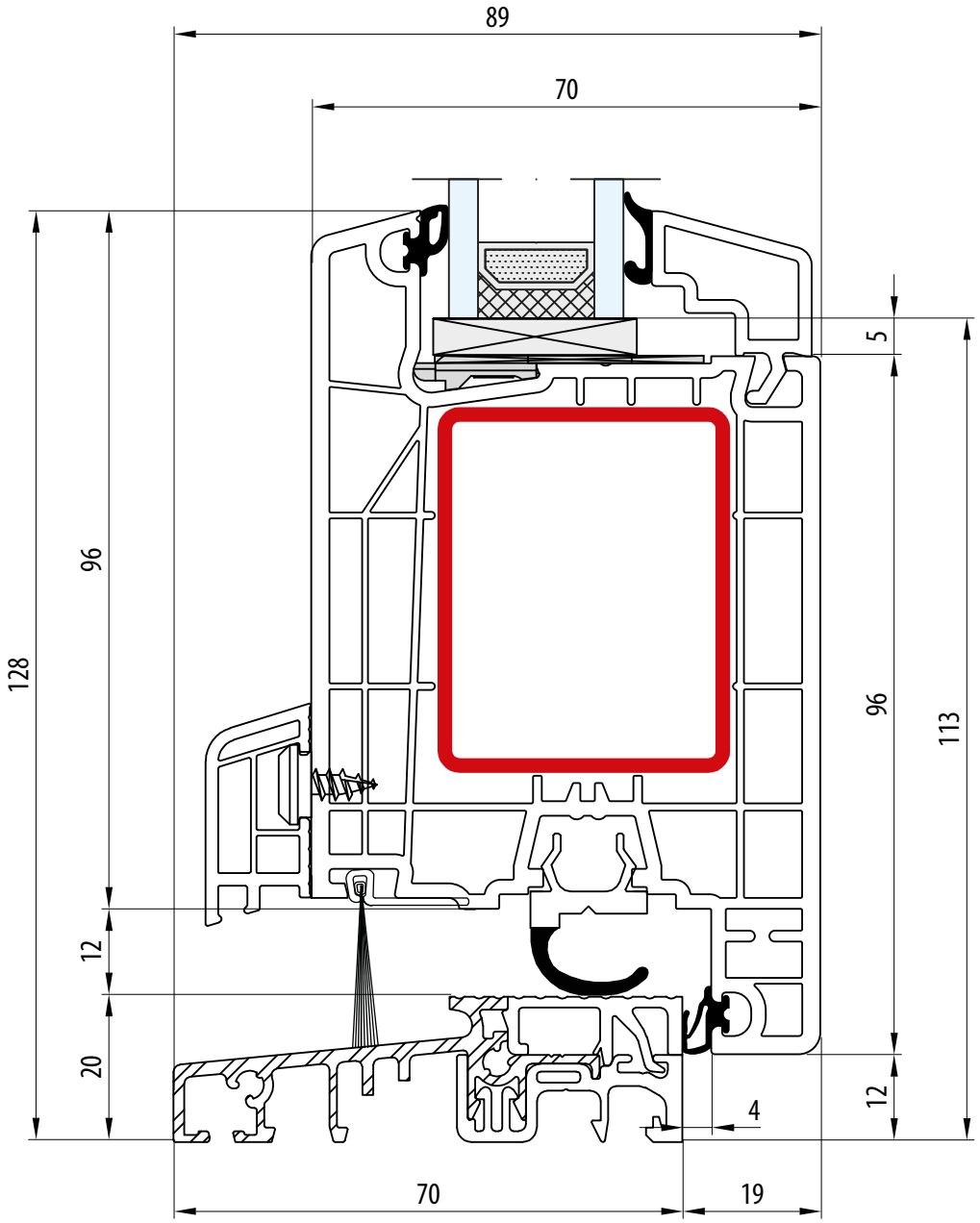


- Próg: 20 mm · Skrzydło: 105 mm
- Seuil: 20 mm · Vantail: 105 mm
- Threshold: 20 mm · Sash: 105 mm
- Schwelle: 20 mm · Flügel: 105 mm
- Soglia: 20 mm · Anta: 105 mm
- Dorpel: 20 mm · Vleugel: 105 mm

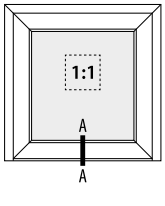


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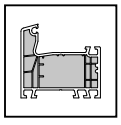


- Próg: 20 mm · Skrzydło: 116 mm
- Seuil: 20 mm · Vantail: 116 mm
- Threshold: 20 mm · Sash: 116 mm
- Schwelle: 20 mm · Flügel: 116 mm
- Soglia: 20 mm · Anta: 116 mm
- Dorpel: 20 mm · Vleugel: 116 mm

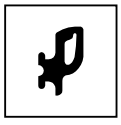


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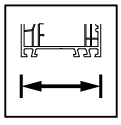




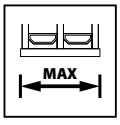
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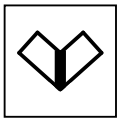
2



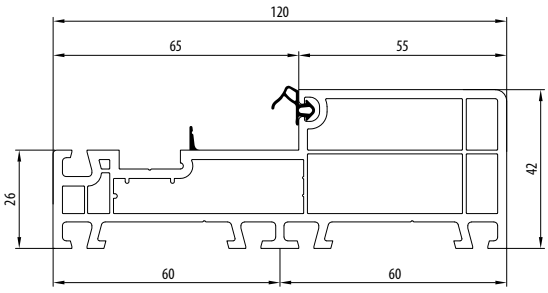
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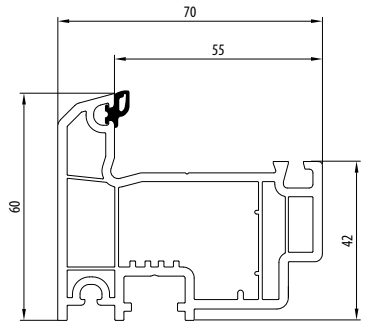
42



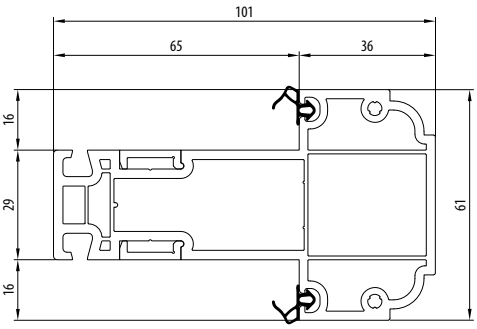




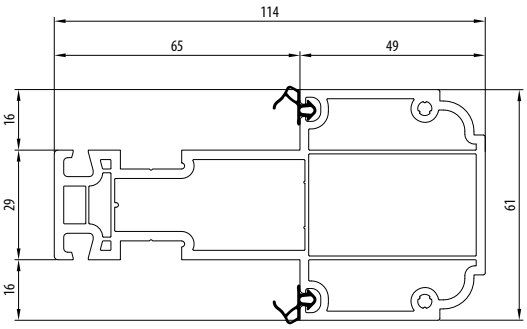
CL 140x90



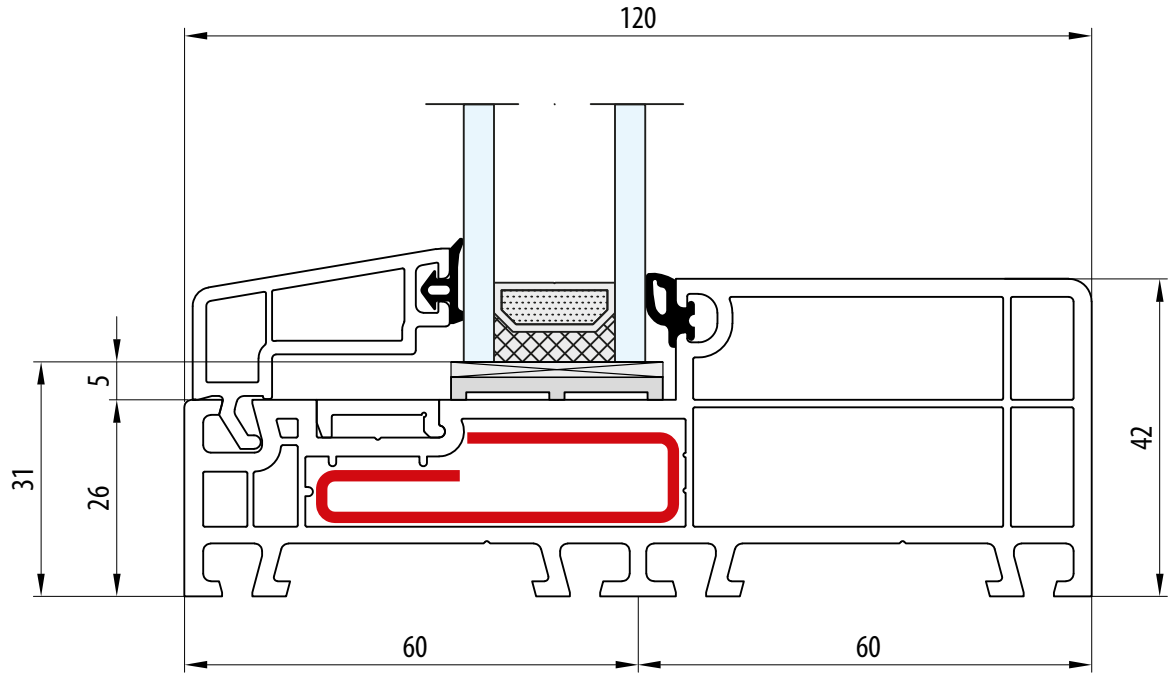
SL 140x93



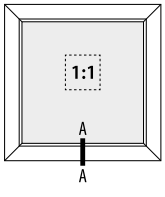
CL 140x98



CL 140x99

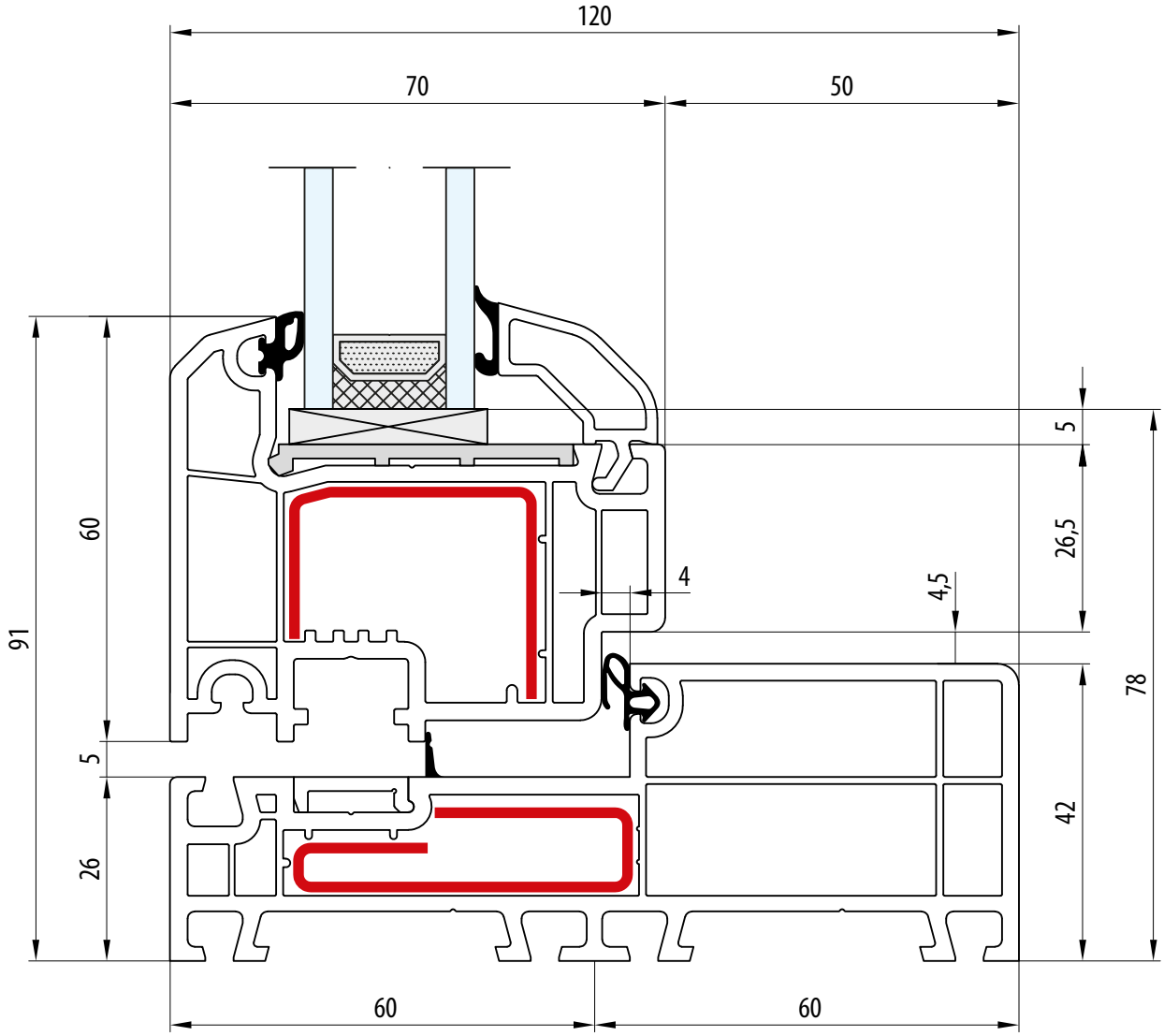


- Rama: 42 mm
- Dormant: 42 mm
- Frame: 42 mm
- Rahmen: 42 mm
- Telaio: 42 mm
- Kader: 42 mm

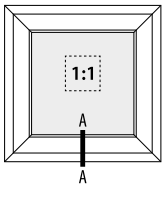


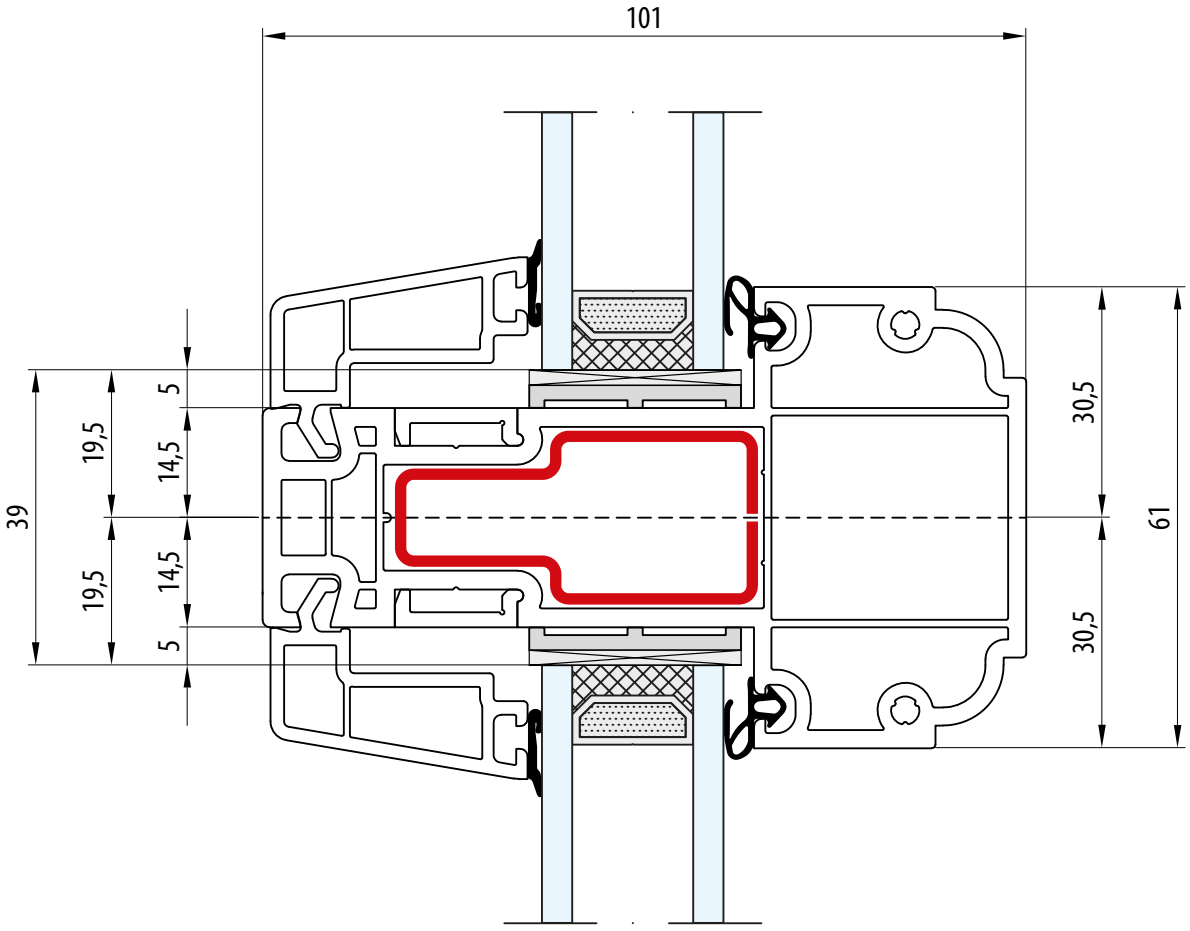
SL
CL

SL
CL
RL

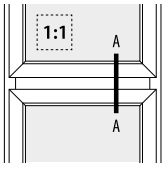


- Rama: 42 mm · Skrzydło: 60 mm
- Dormant: 42 mm · Vantail: 60 mm
- Frame: 42 mm · Sash: 60 mm
- Rahmen: 42 mm · Flügel: 60 mm
- Telaio: 42 mm · Anta: 60 mm
- Kader: 42 mm · Vleugel: 60 mm



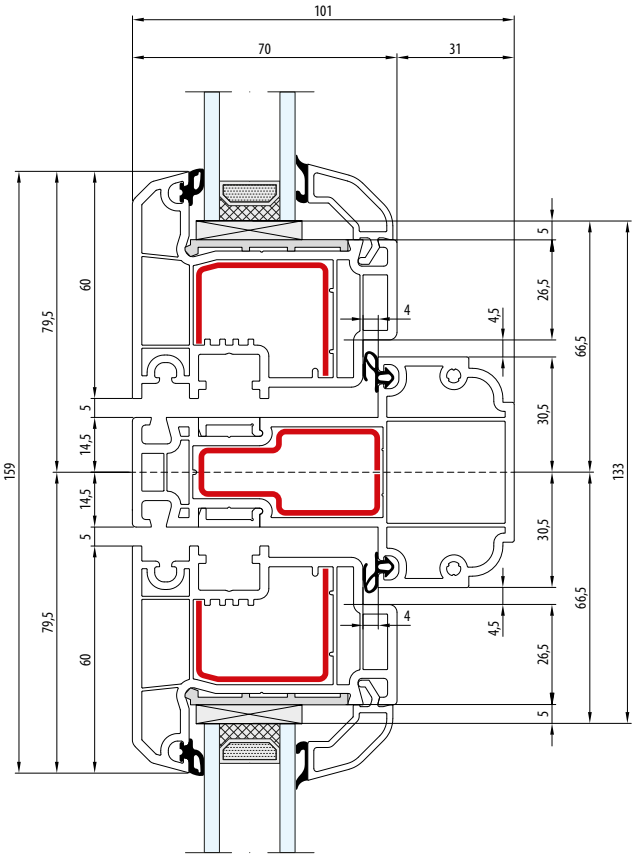


- Poprzeczka: 61 mm
- Traverse: 61 mm
- Muntin bar: 61 mm
- Kämpfer: 61 mm
- Traverso: 61 mm
- Tussenstijl: 61 mm

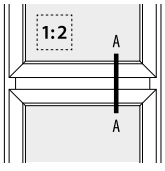


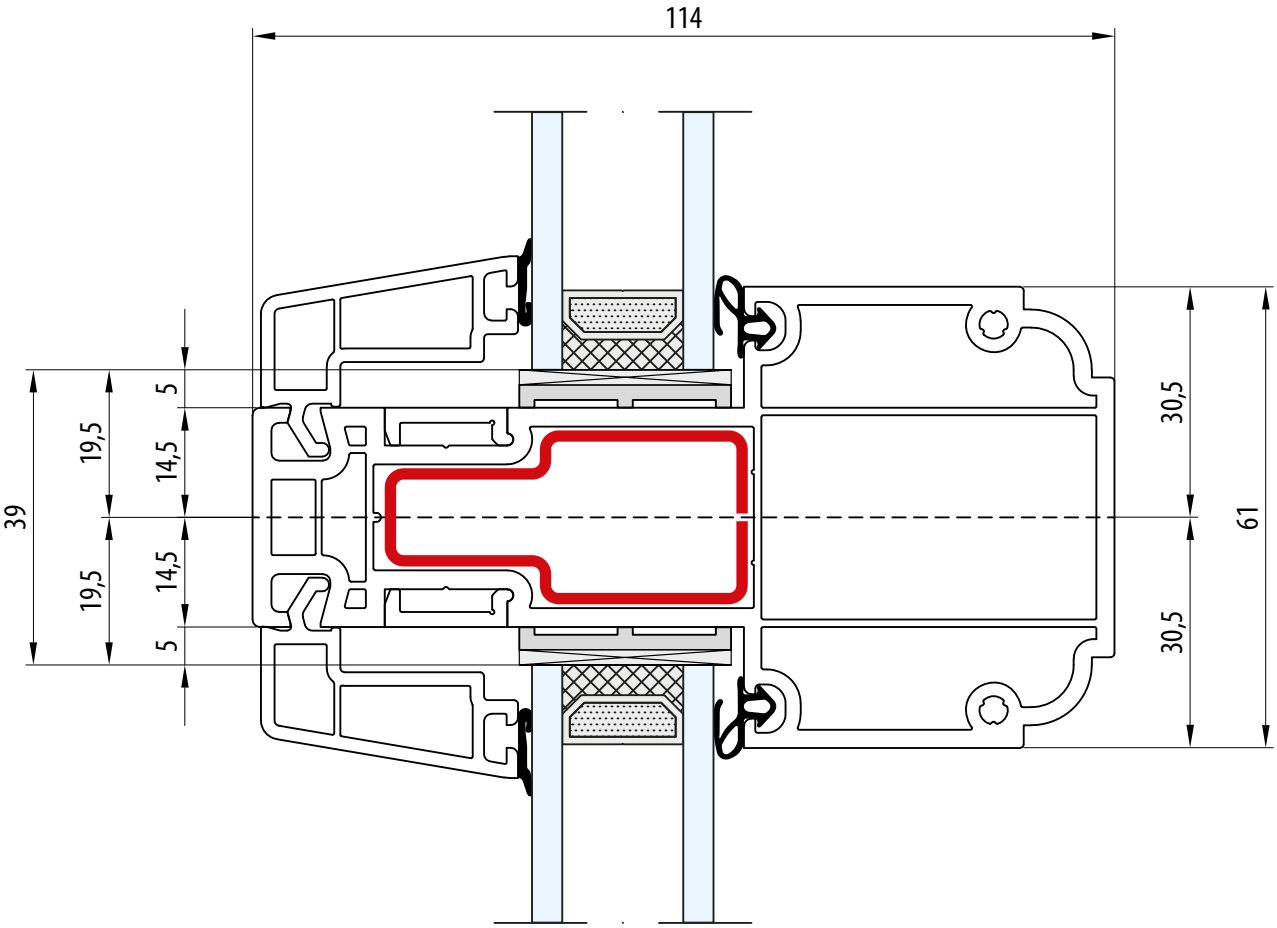
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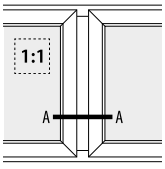


- Poprzeczka: 61 mm · Skrzydło: 60 mm
- Traverse: 61 mm · Vantail: 60 mm
- Muntin bar: 61 mm · Sash: 60 mm
- Kämpfer: 61 mm · Flügel: 60 mm
- Traverso: 61 mm · Anta: 60 mm
- Tussenstijl: 61 mm · Vleugel: 60 mm



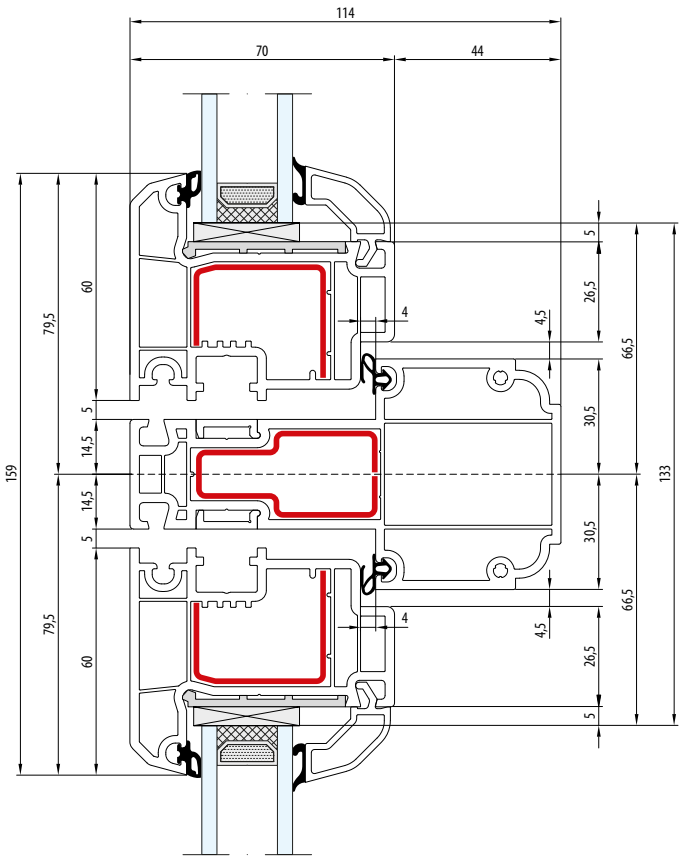


- Słupek stały: 61 mm
- Meneau fixe: 61 mm
- Fix post: 61 mm
- Festem Pfahl: 61 mm
- Montante fisso: 61 mm
- Vaste stijl: 61 mm

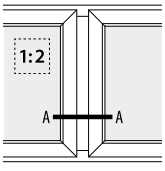


SL
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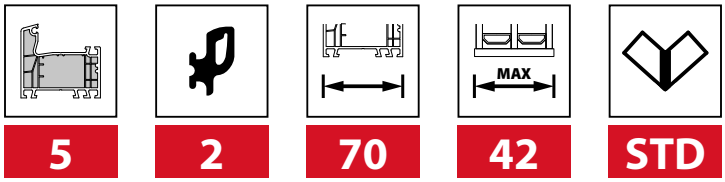


- Słupek stały: 61 mm · Skrzydło: 60 mm
- Meneau fixe: 61 mm · Vantail: 60 mm
- Fix post: 61 mm · Sash: 60 mm
- Festem Pfahl: 61 mm · Flügel: 60 mm
- Montante fisso: 61 mm · Anta: 60 mm
- Vaste stijl: 61 mm · Vleugel: 60 mm

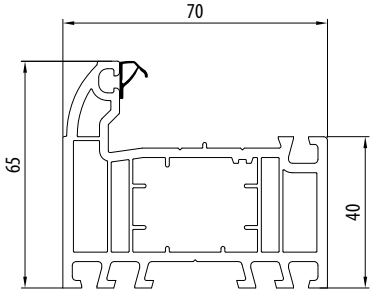


IDEAL 70/4000 - CASEMENT

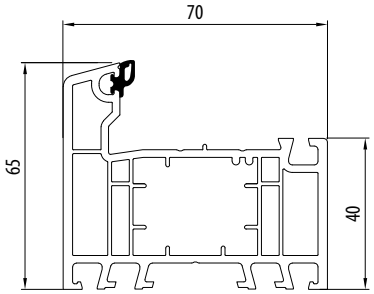




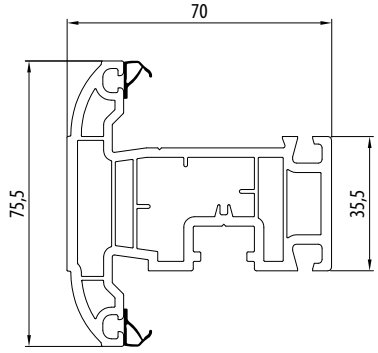




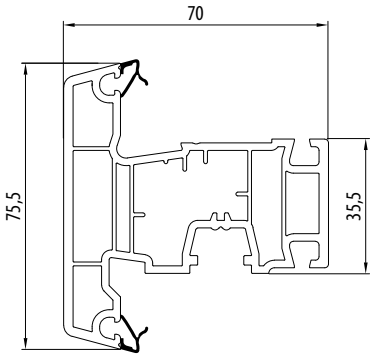
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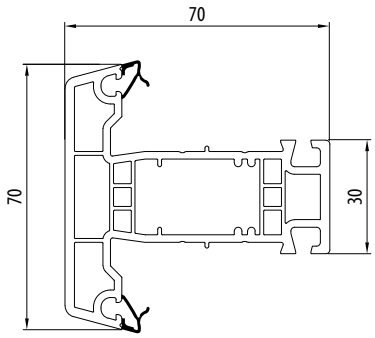
CL 100x53



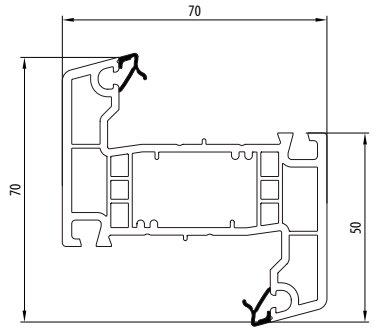
SL 100x05



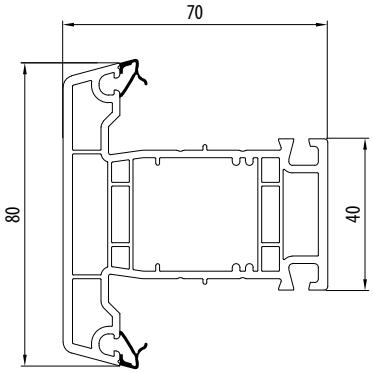
CL 100x55



CL 100x56



CL 100x57

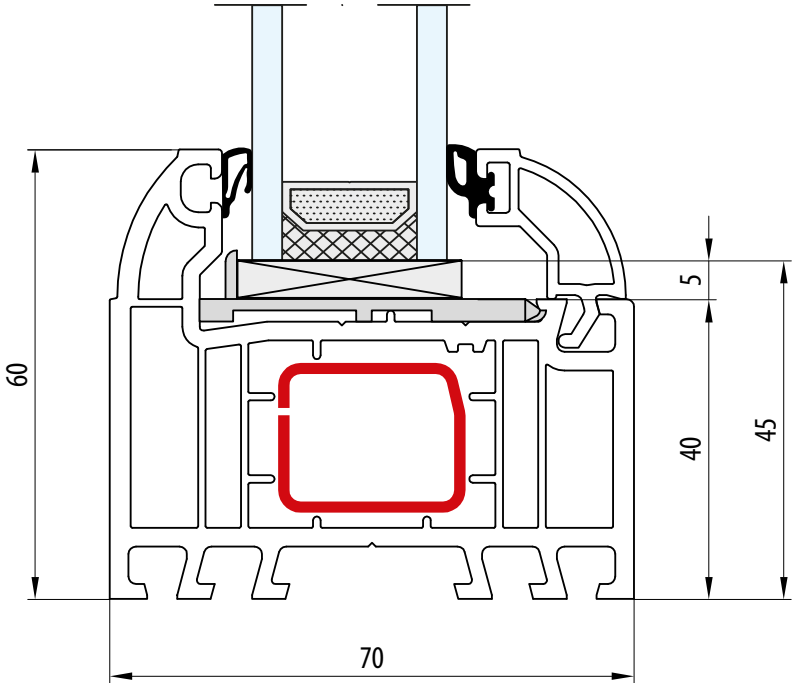


CL 100x58

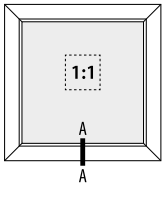
SL

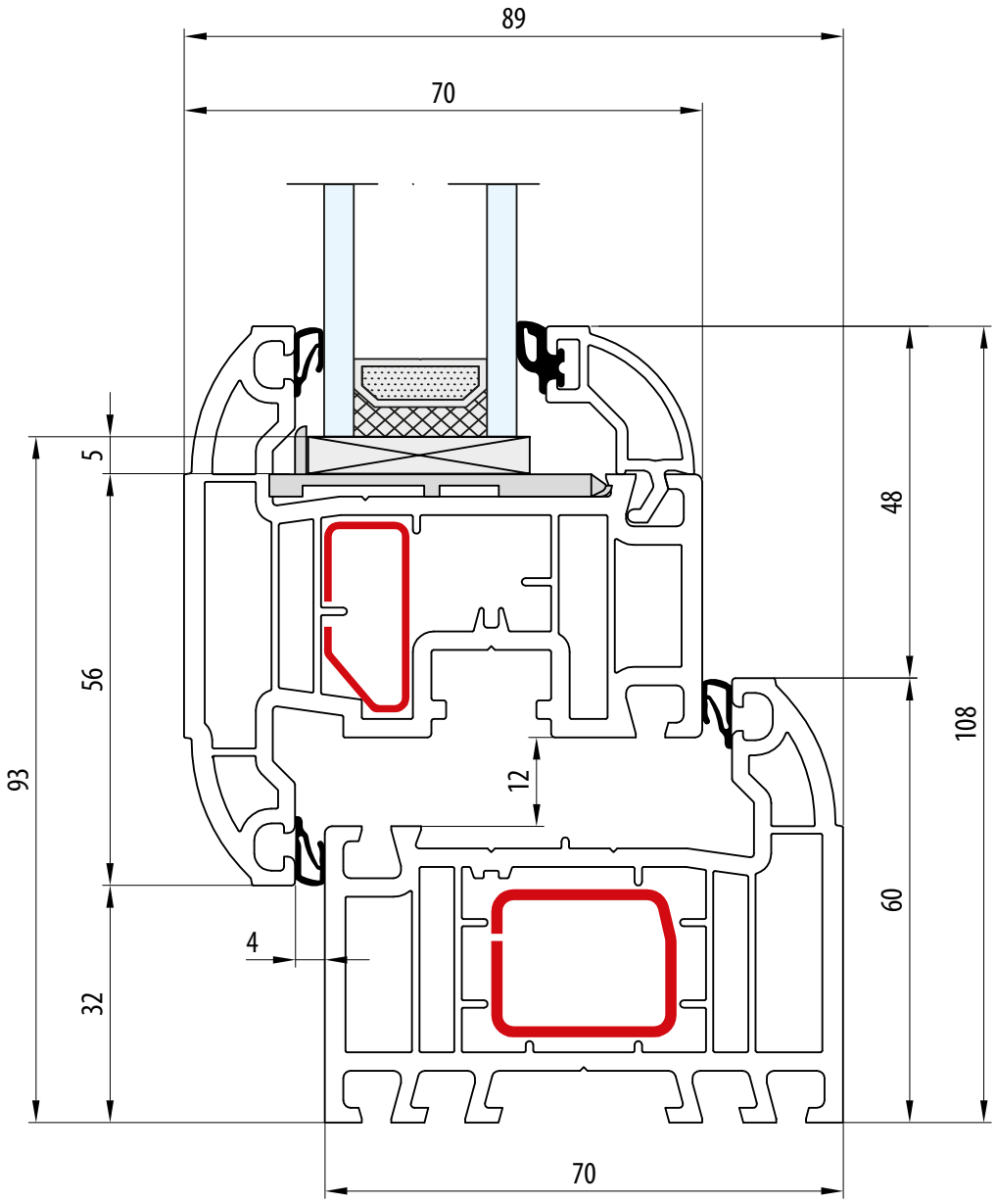
CL

RL

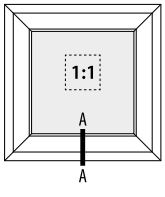


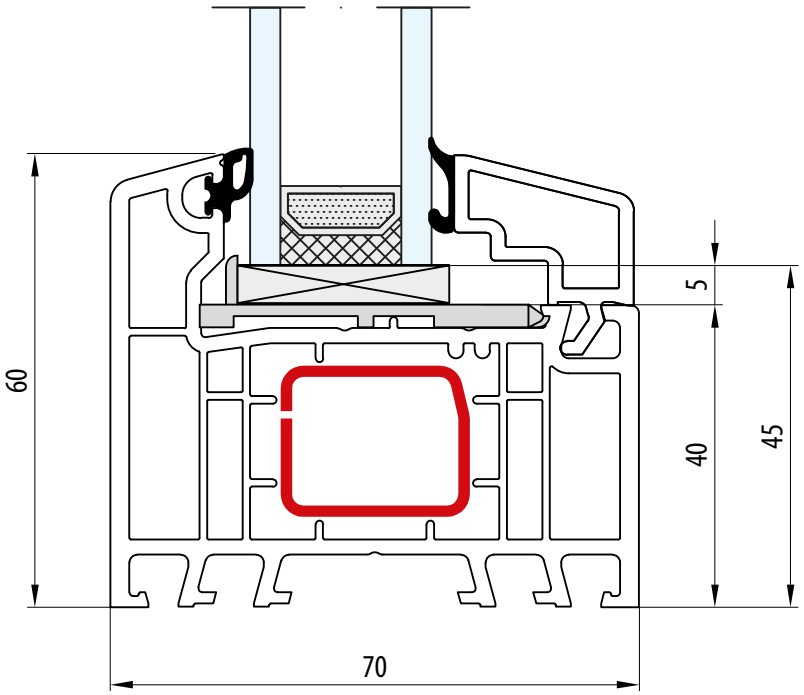
- Rama: 60 mm
- Dormant: 60 mm
- Frame: 60 mm
- Rahmen: 60 mm
- Telaio: 60 mm
- Kader: 60 mm



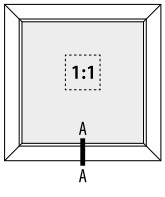


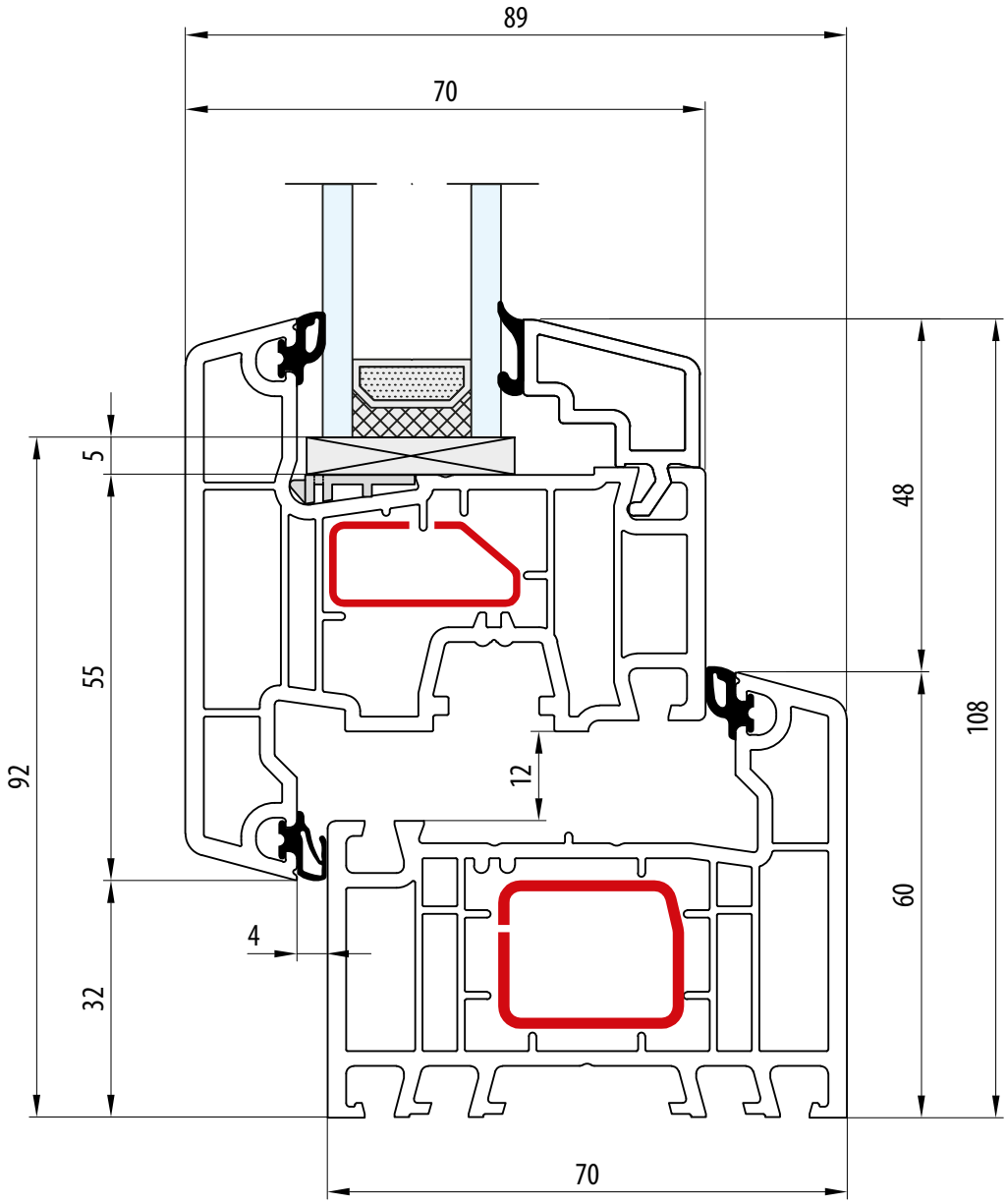
- Rama: 60 mm · Skrzydło: 76 mm
- Dormant: 60 mm · Vantail: 76 mm
- Frame: 60 mm · Sash: 76 mm
- Rahmen: 60 mm · Flügel: 76 mm
- Telaio: 60 mm · Anta: 76 mm
- Kader: 60 mm · Vleugel: 76 mm



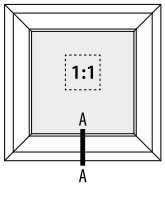


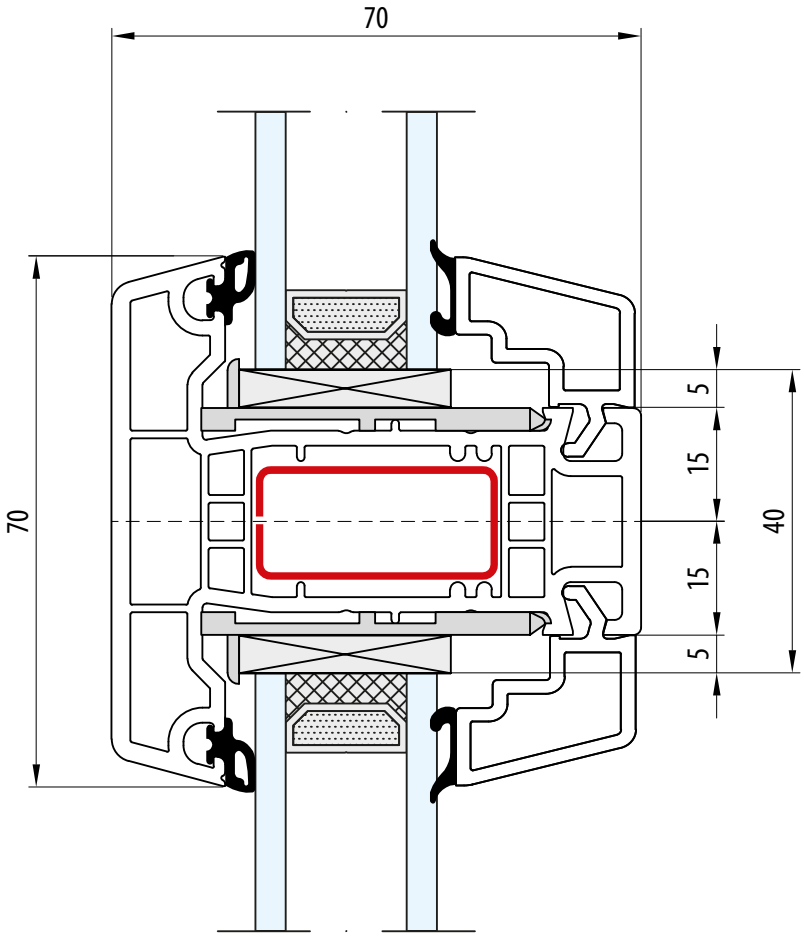
- Rama: 60 mm
- Dormant: 60 mm
- Frame: 60 mm
- Rahmen: 60 mm
- Telaio: 60 mm
- Kader: 60 mm



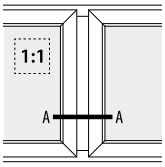


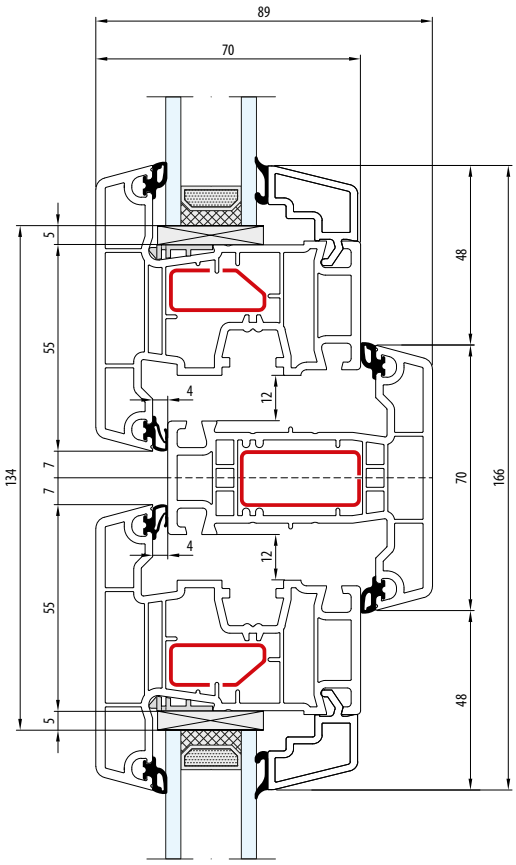
Rama: 60 mm · Skrzydło: 75 mm
Dormant: 60 mm · Vantail: 75 mm
Frame: 60 mm · Sash: 75 mm
Rahmen: 60 mm · Flügel: 75 mm
Telaio: 60 mm · Anta: 75 mm
Kader: 60 mm · Vleugel: 75 mm



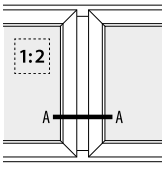


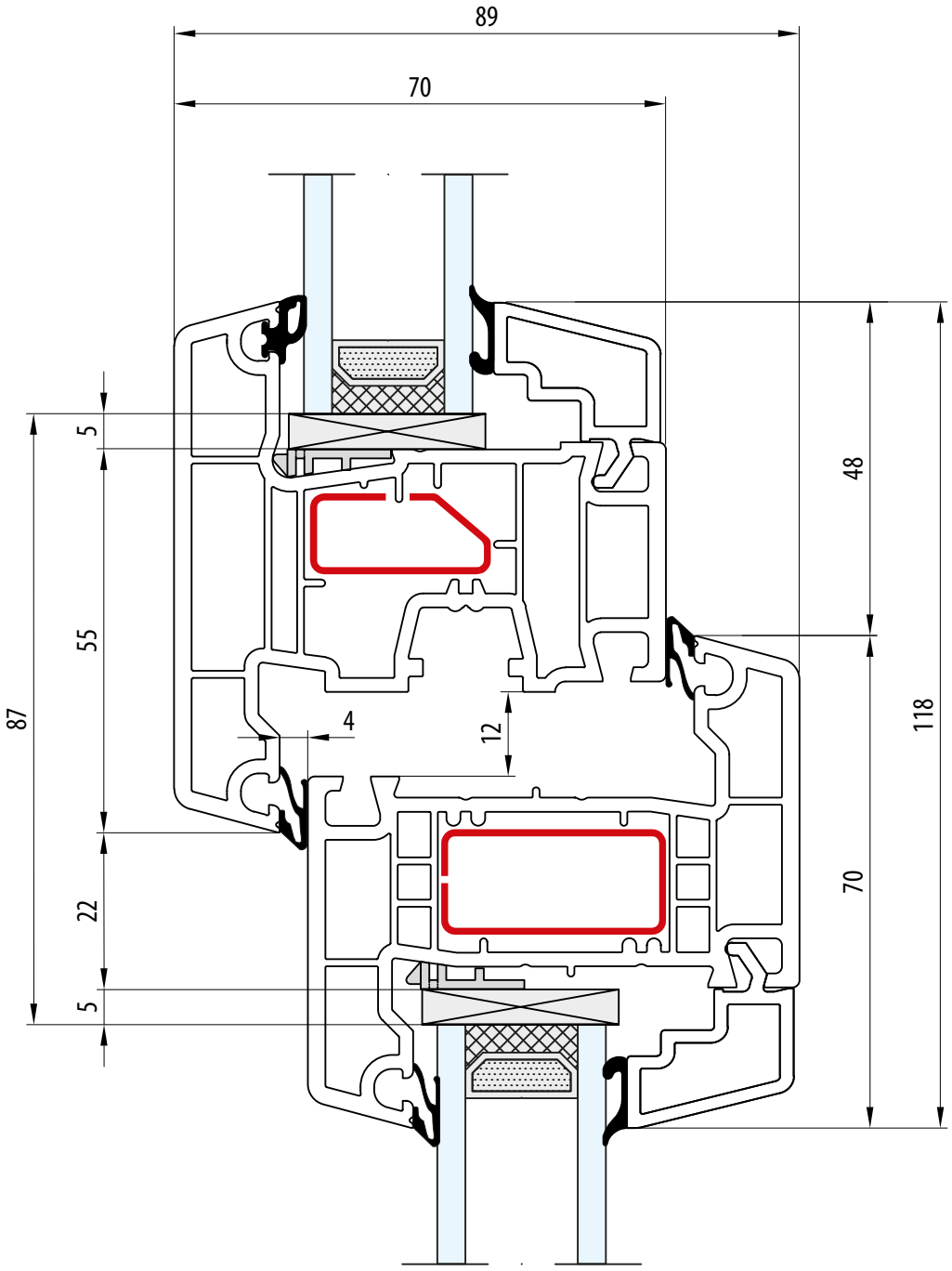
- Słupek stały: 70 mm
- Meneau fixe: 70 mm
- Fix post: 70 mm
- Festem Pfahl: 70 mm
- Montante fisso: 70 mm
- Vaste stijl: 70 mm



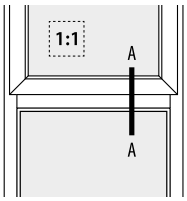


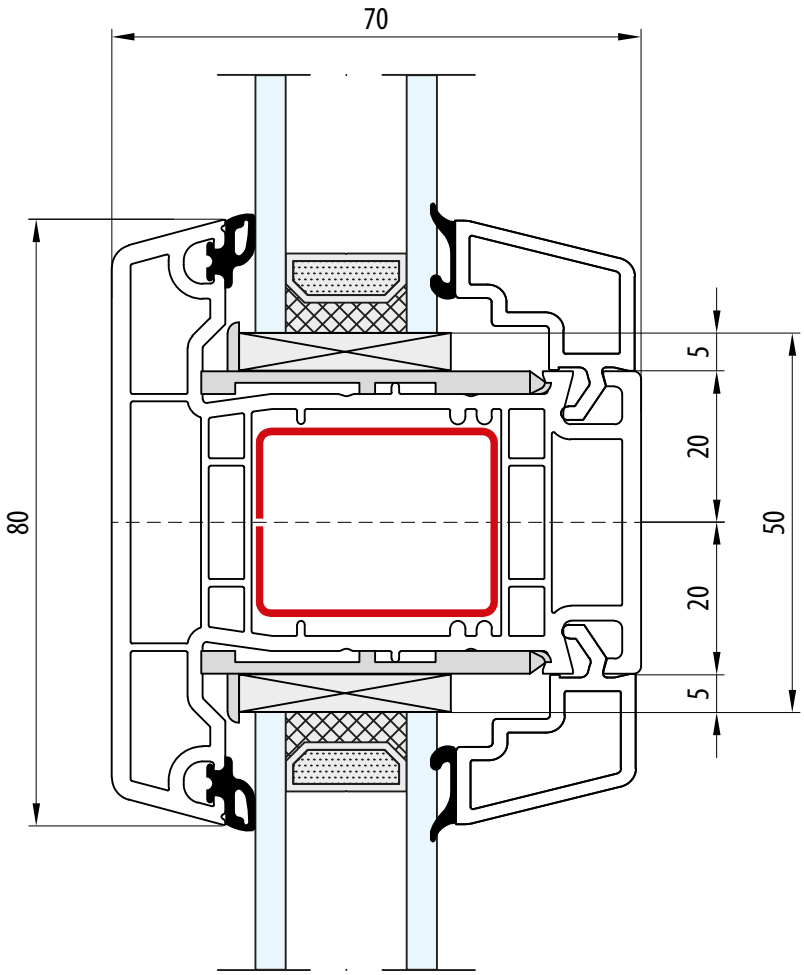
- Słupek stały: 70 mm · Skrzydło: 75 mm
- Meneau fixe: 70 mm · Vantail: 75 mm
- Fix post: 70 mm · Sash: 75 mm
- Festem Pfahl: 70 mm · Flügel: 75 mm
- Montante fisso: 70 mm · Anta: 75 mm
- Vaste stijl: 70 mm · Vleugel: 75 mm



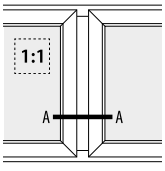


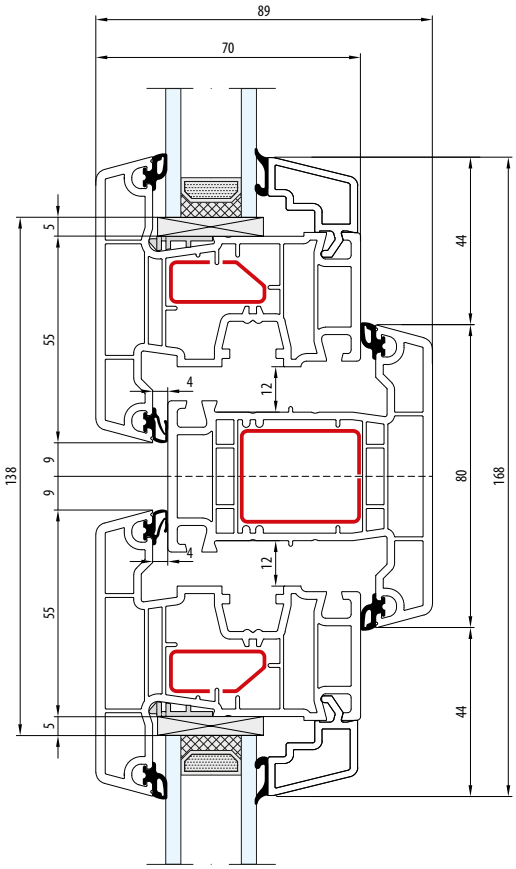
- Słupek stały: 70 mm · Skrzydło: 75 mm
- Meneau fixe: 70 mm · Vantail: 75 mm
- Fix post: 70 mm · Sash: 75 mm
- Festem Pfahl: 70 mm · Flügel: 75 mm
- Montante fisso: 70 mm · Anta: 75 mm
- Vaste stijl: 70 mm · Vleugel: 75 mm



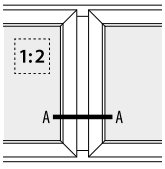


- Słupek stały: 80 mm
- Meneau fixe: 80 mm
- Fix post: 80 mm
- Festem Pfahl: 80 mm
- Montante fisso: 80 mm
- Vaste stijl: 80 mm

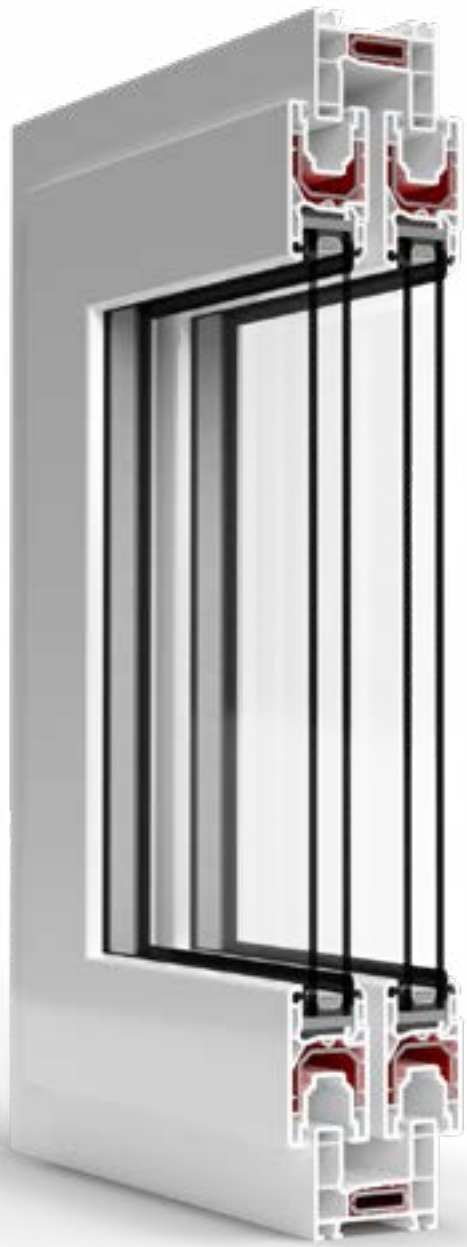


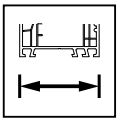


- Słupek stały: 80 mm · Skrzydło: 75 mm
- Meneau fixe: 80 mm · Vantail: 75 mm
- Fix post: 80 mm · Sash: 75 mm
- Festem Pfahl: 80 mm · Flügel: 75 mm
- Montante fisso: 80 mm · Anta: 75 mm
- Vaste stijl: 80 mm · Vleugel: 75 mm

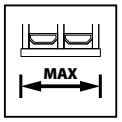


EASY SLIDE

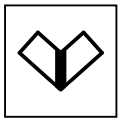




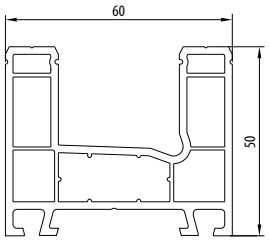
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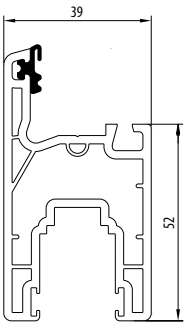
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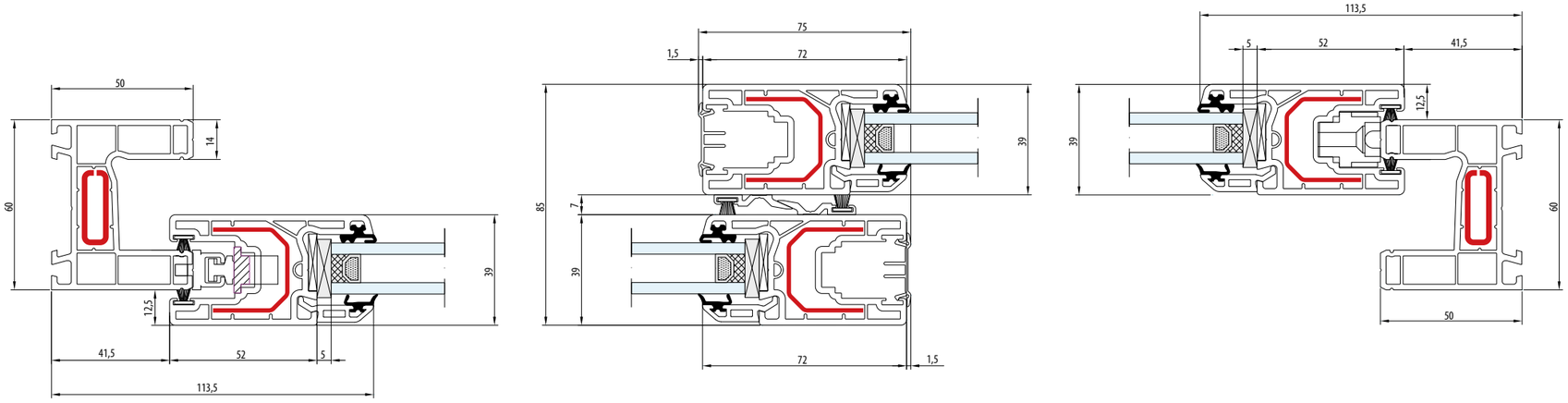




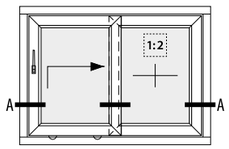
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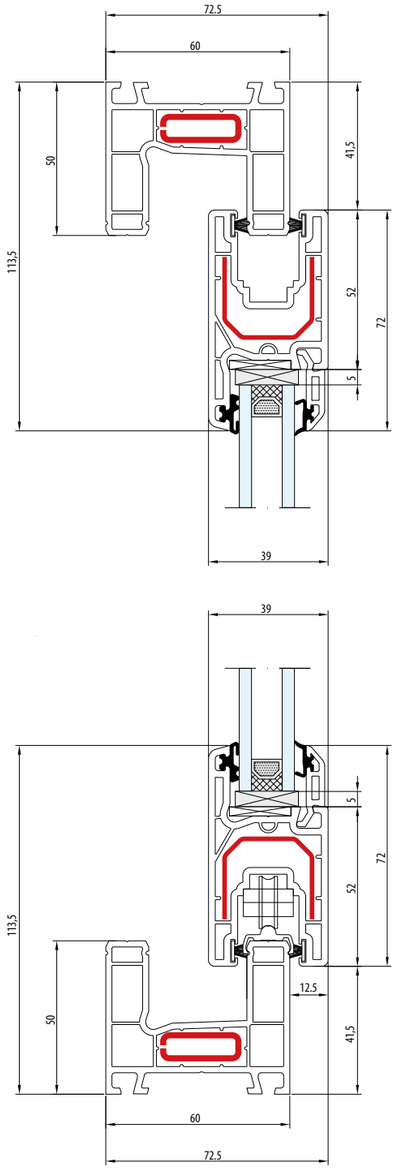


- Schemat A - Przekrój poziomy · Rama: 50 mm · Skrzydło: 72 mm
- Schéma A - Coupe horizontale · Dormant: 50 mm · Vantail: 72 mm
- Schema A - Doorsnede horizontaal · Frame: 50 mm · Sash: 72 mm
- Schema A - Wagerechter Schnitt · Rahmen: 50 mm · Flügel: 72 mm
- Schema A - Sezione orizzontale · Telaio: 50 mm · Anta: 72 mm
- Schema A - Horizontale doorsnede · Kader: 50 mm · Vleugel: 72 mm

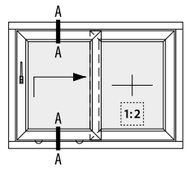


CL

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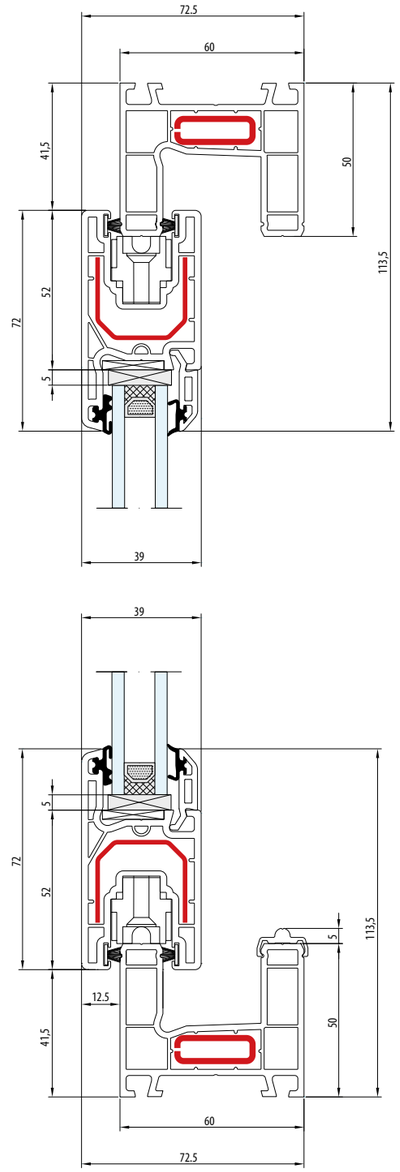
- Schemat A - Przekrój pionowy · Rama: 50 mm · Skrzydło: 72 mm
- Schéma A - Coupe verticale · Dormant: 50 mm · Vantail: 72 mm
- Schema A - Doorsnede verticaal · Frame: 50 mm · Sash: 72 mm
- Schema A - Senkrechter Schnitt · Rahmen: 50 mm · Flügel: 72 mm
- Schema A - Sezione verticale · Telaio: 50 mm · Anta: 72 mm
- Schema A - Verticale doorsnede · Kader: 50 mm · Vleugel: 72 mm



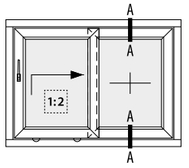
EASY SLIDE
MULTI SLIDE
SMART SLIDE
HST 70
HST 85

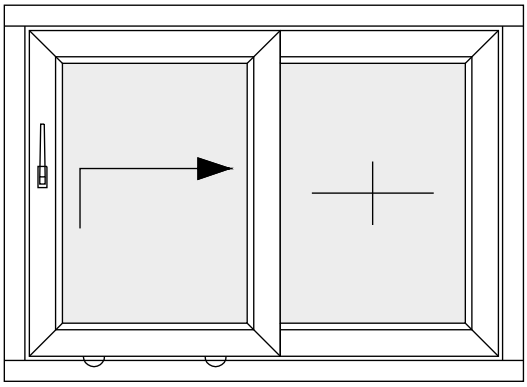
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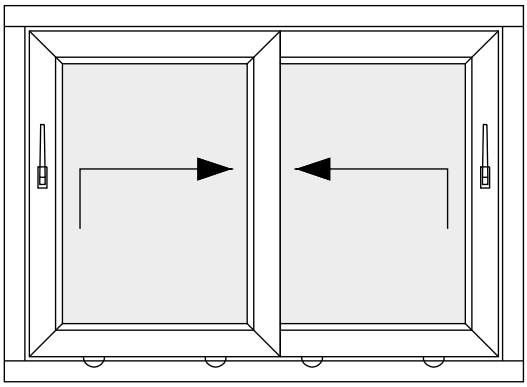


- Schemat A - Przekrój pionowy · Rama: 50 mm · Skrzydło: 72 mm
- Schéma A - Coupe verticale · Dormant: 50 mm · Vantail: 72 mm
- Schema A - Doorsnede verticaal · Frame: 50 mm · Sash: 72 mm
- Schema A - Senkrechter Schnitt · Rahmen: 50 mm · Flügel: 72 mm
- Schema A - Verticale doorsnede · Telaio: 50 mm · Anta: 72 mm
- Schema A - Verticale doorsnede · Kader: 50 mm · Vleugel: 72 mm





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MULTI SLIDE

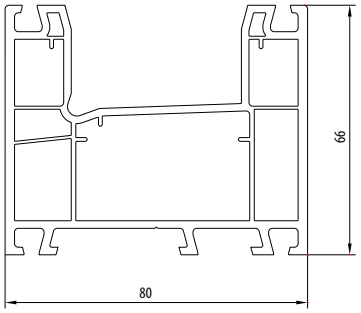


MAX 170

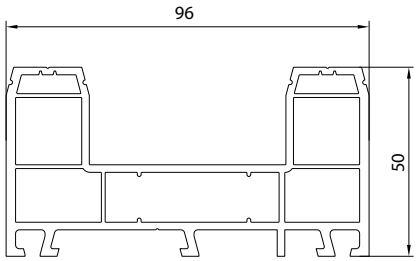
MAX 33

V SUPER SOLUTION

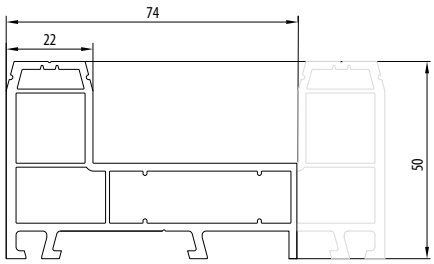




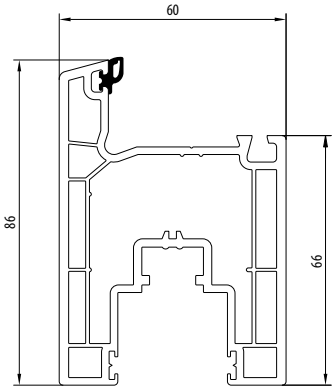
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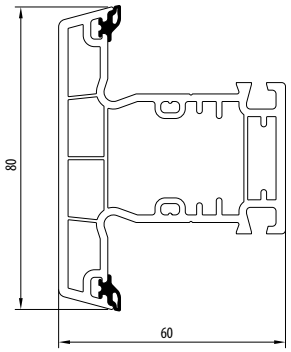
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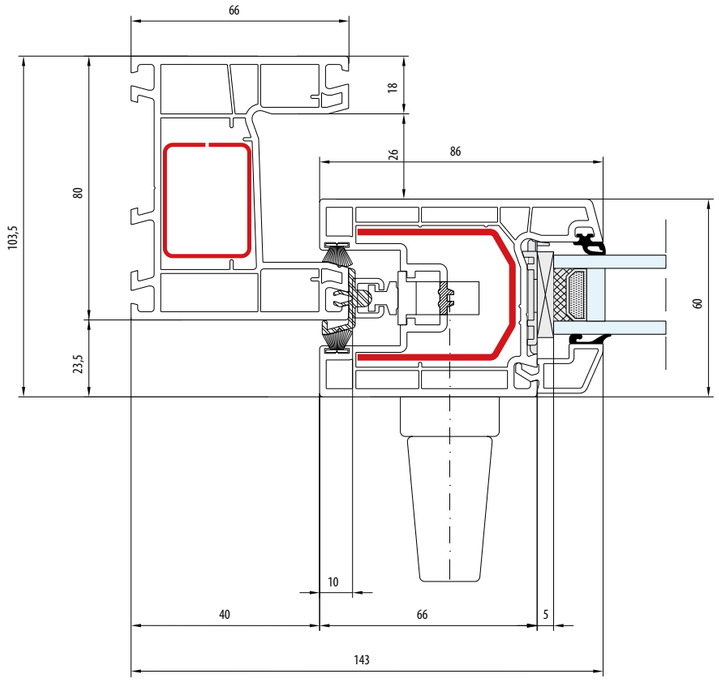


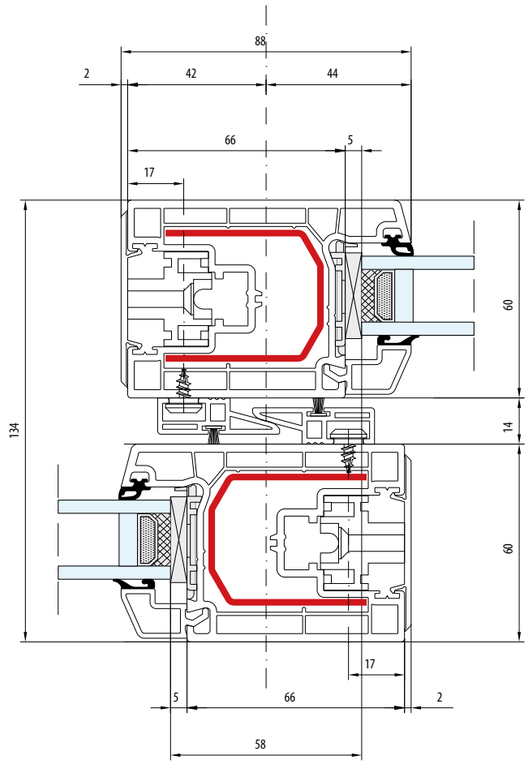
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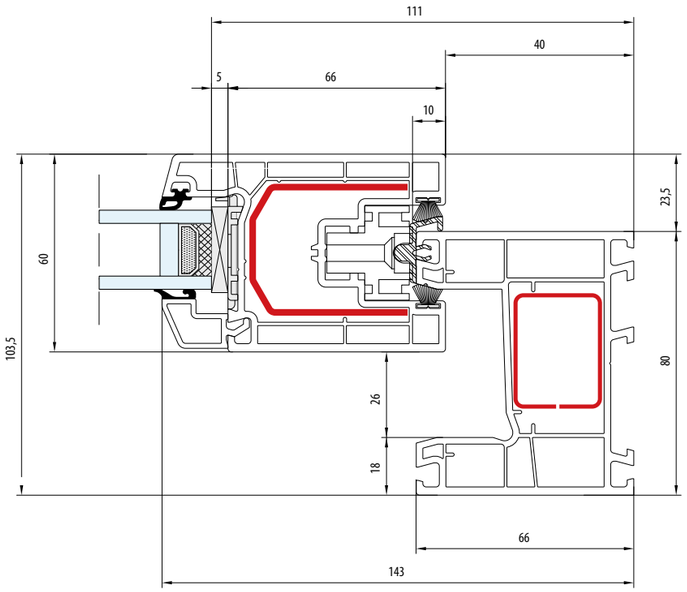


CL 120041

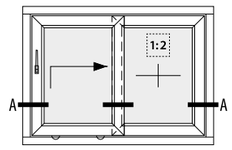
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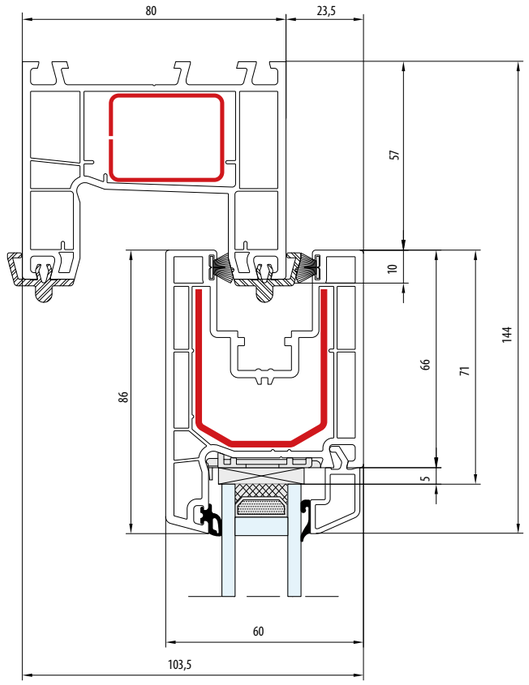




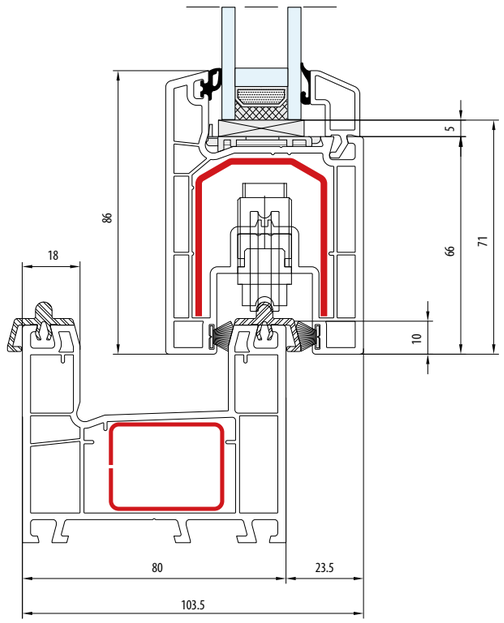
- Schemat A - Przekrój poziomy · Rama: 66 mm · Skrzydło: 86 mm
- Schéma A - Coupe horizontale · Dormant: 66 mm · Vantail: 86 mm
- Schema A - Doorsnede horizontaal · Frame: 66 mm · Sash: 86 mm
- Schema A - Wagerechter Schnitt · Rahmen: 66 mm · Flügel: 86 mm
- Schema A - Sezione orizzontale · Telaio: 66 mm · Anta: 86 mm
- Schema A - Horizontale doorsnede · Kader: 66 mm · Vleugel: 86 mm



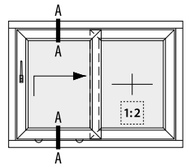




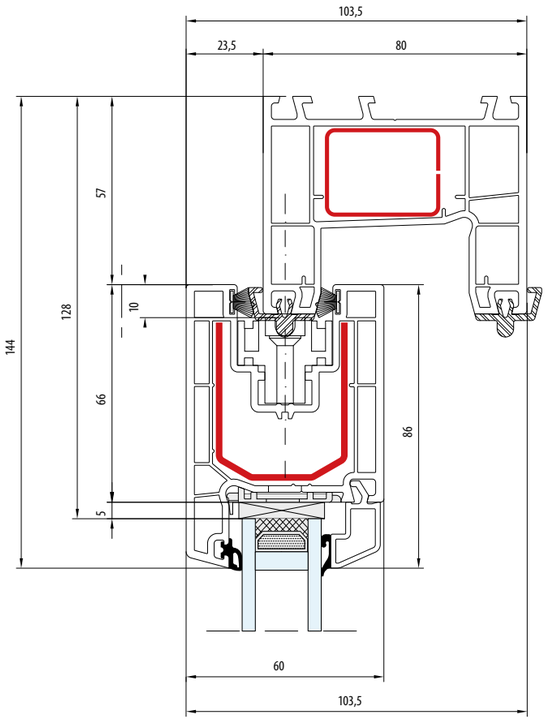




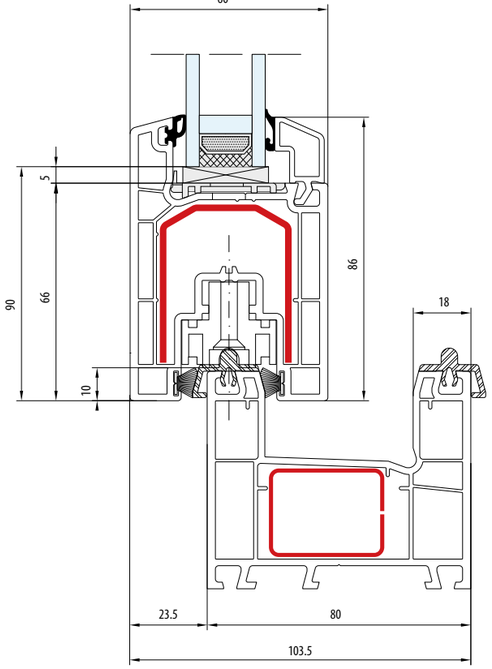
- Schemat A - Przekrój pionowy · Rama: 66 mm · Skrzydło: 86 mm
- Schéma A - Coupe verticale · Dormant: 66 mm · Vantail: 86 mm
- Schema A - Doorsnede verticaal · Frame: 66 mm · Sash: 86 mm
- Schema A - Senkrechter Schnitt · Rahmen: 66 mm · Flügel: 86 mm
- Schema A - Sezione verticale · Telaio: 66 mm · Anta: 86 mm
- Schema A - Verticale doorsnede · Kader: 66 mm · Vleugel: 86 mm



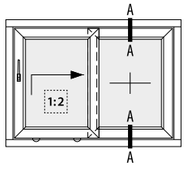


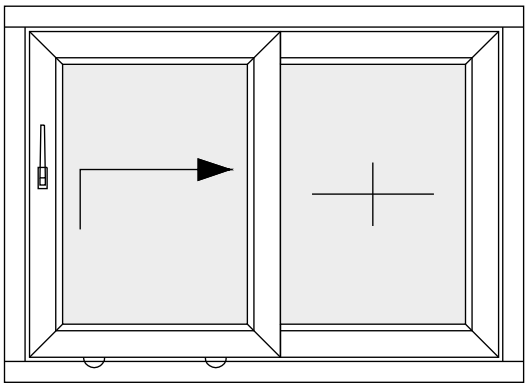




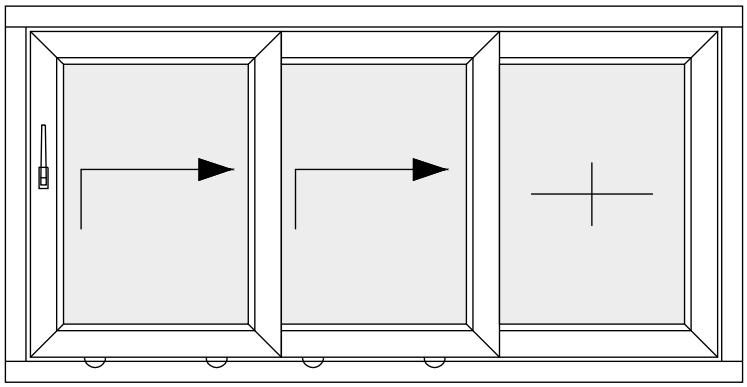


- Schemat A - Przekrój pionowy · Rama: 66 mm · Skrzydło: 86 mm
- Schéma A - Coupe verticale · Dormant: 66 mm · Vantail: 86 mm
- Schema A - Doorsnede verticaal · Frame: 66 mm · Sash: 86 mm
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- Schema A - Sezione verticale · Telaio: 66 mm · Anta: 86 mm
- Schema A - Verticale doorsnede · Kader: 66 mm · Vleugel: 86 mm

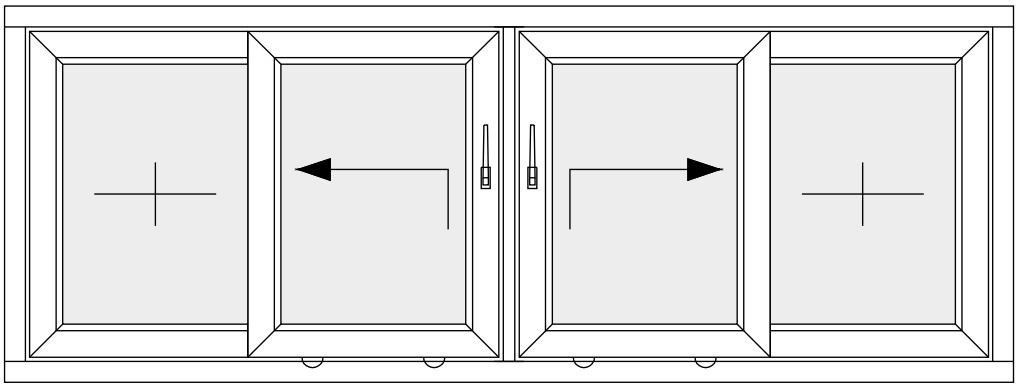




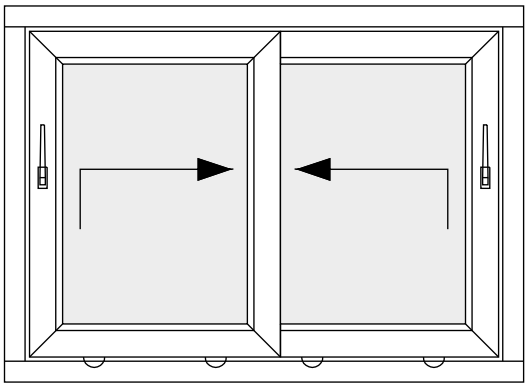
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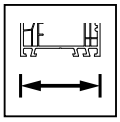


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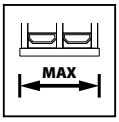
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SMART SLIDE

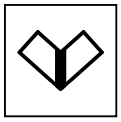




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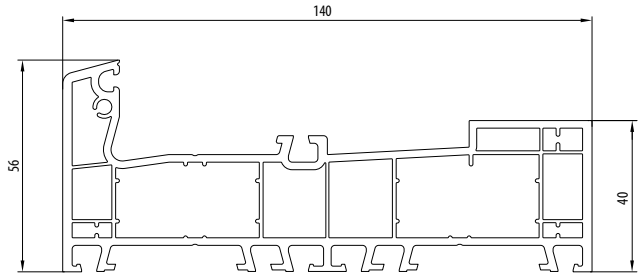


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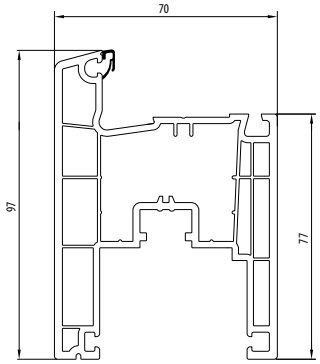


SUPER SOLUTION

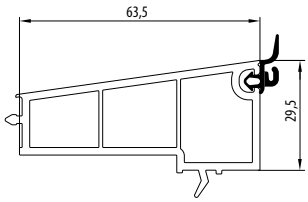




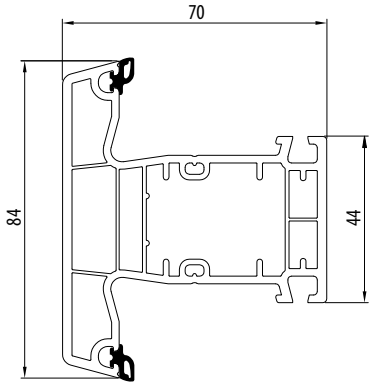
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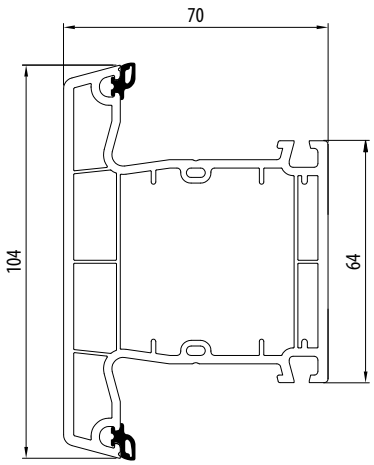
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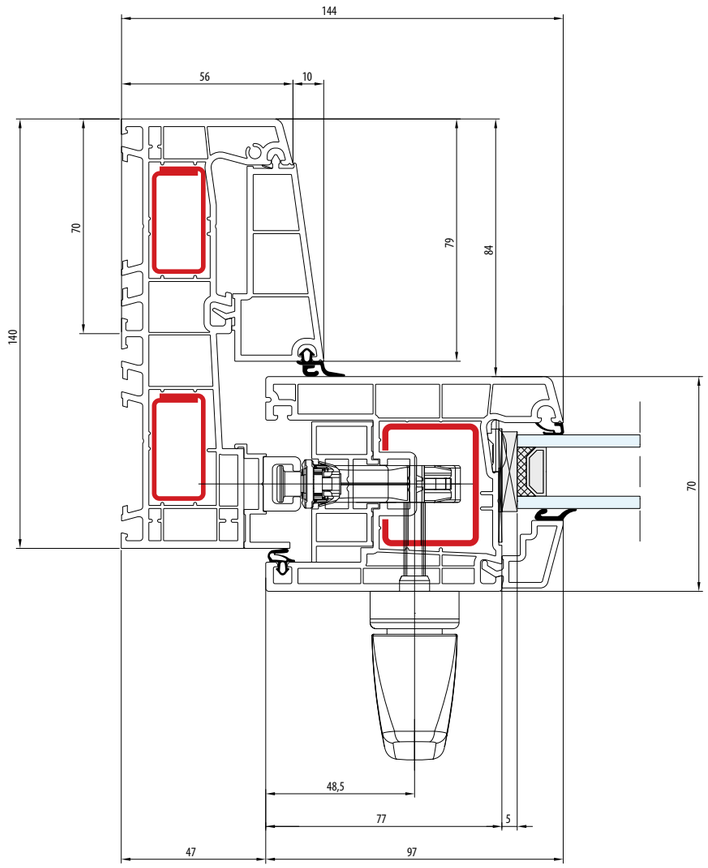


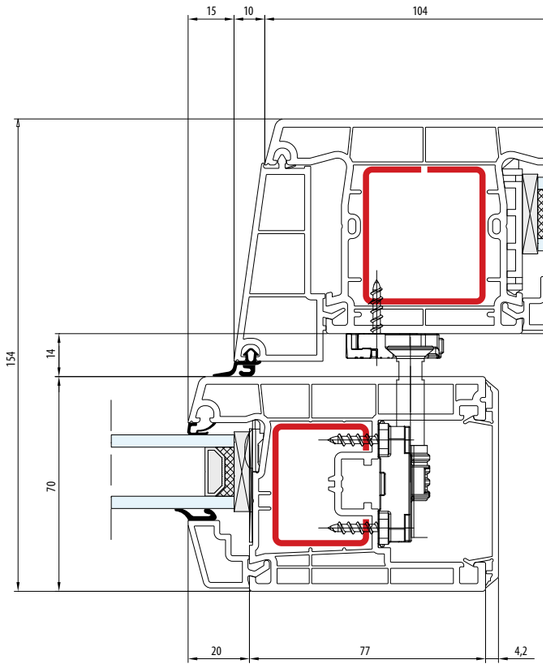
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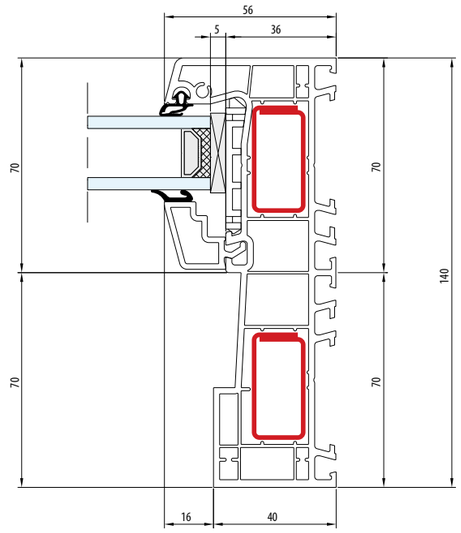


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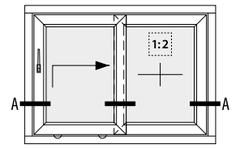
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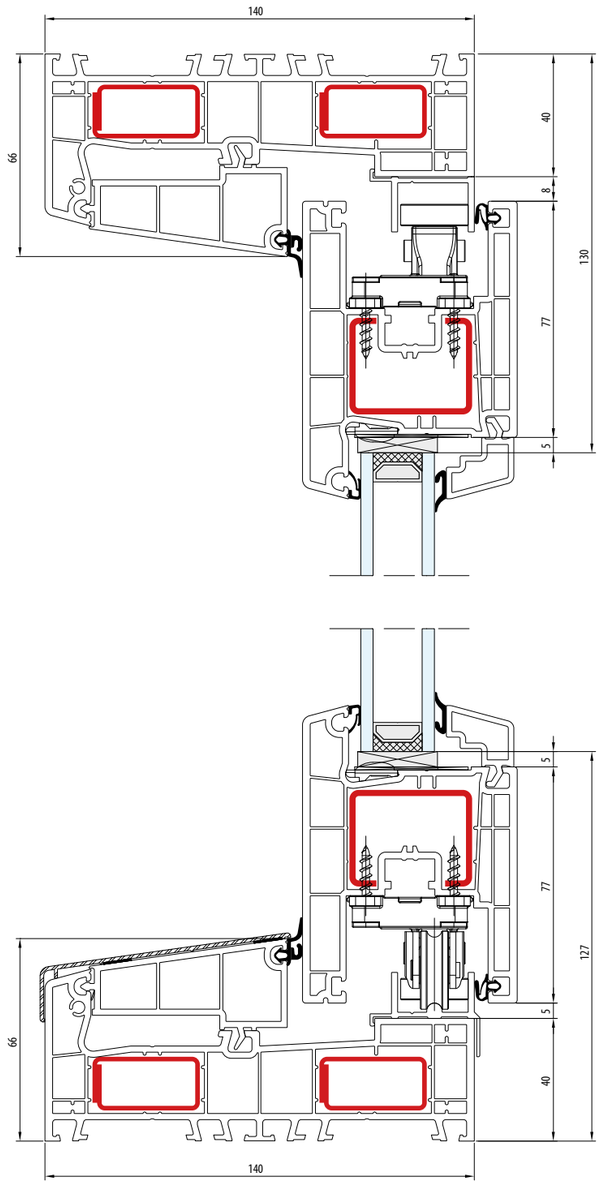


Schemat A - Przekrój poziomy · Rama: 56 mm · Skrzydło: 97 mm
Schéma A - Coupe horizontale · Dormant: 56 mm · Vantail: 97 mm
Schema A - Doorsnede horizontaal · Frame: 56 mm · Sash: 97 mm
Schema A - Wagerechter Schnitt · Rahmen: 56 mm · Flügel: 97 mm
Schema A - Sezione orizzontale · Telaio: 56 mm · Anta: 97 mm
Schema A - Horizontale doorsnede · Kader: 56 mm · Vleugel: 97 mm

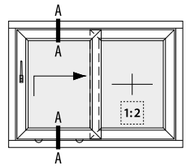


CL

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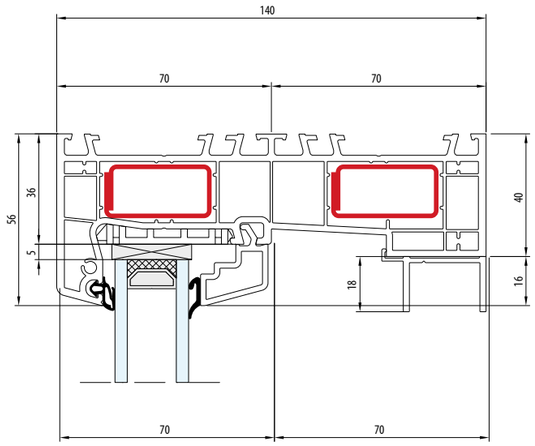
- Schemat A - Przekrój pionowy · Rama: 56 mm · Skrzydło: 97 mm
- Schéma A - Coupe verticale · Dormant: 56 mm · Vantail: 97 mm
- Schema A - Doorsnede verticaal · Frame: 56 mm · Sash: 97 mm
- Schema A - Senkrechter Schnitt · Rahmen: 56 mm · Flügel: 97 mm
- Schema A - Sezione verticale · Telaio: 56 mm · Anta: 97 mm
- Schema A - Verticale doorsnede · Kader: 56 mm · Vleugel: 97 mm

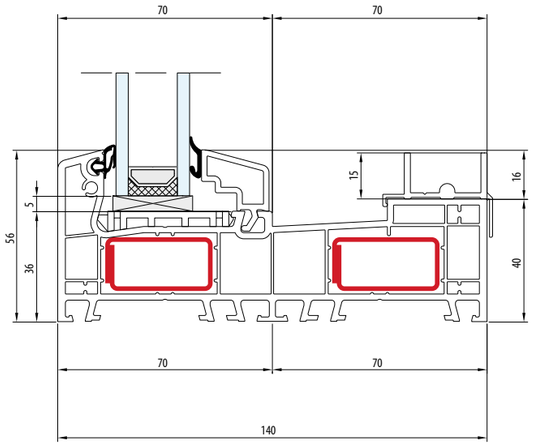


EASY SLIDE
MULTI SLIDE
SMART SLIDE
HST 70
HST 85

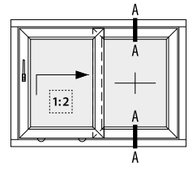
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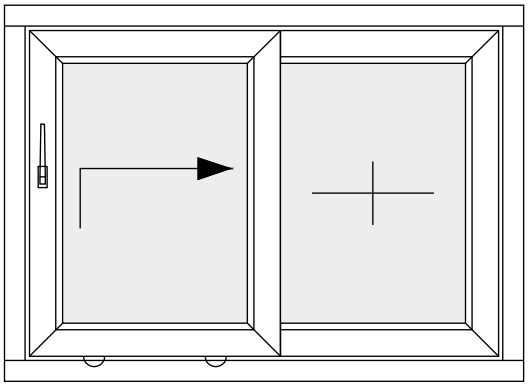
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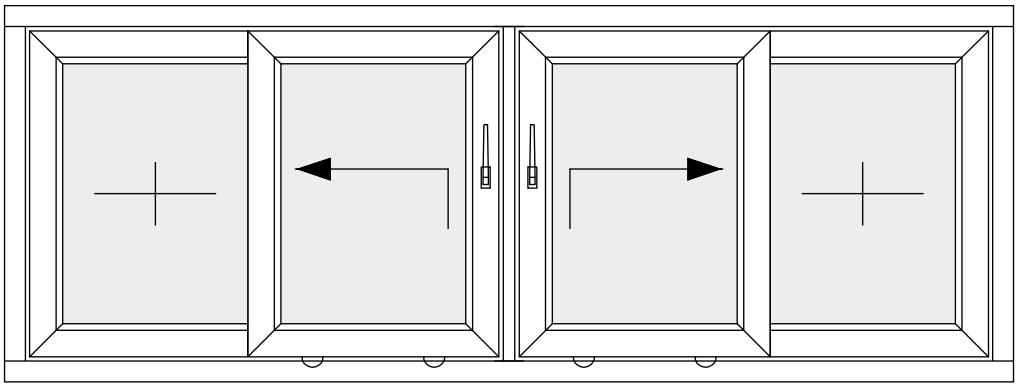


- Schemat A - Przekrój pionowy · Rama: 56 mm · Skrzydło: 97 mm
- Schéma A - Coupe verticale · Dormant: 56 mm · Vantail: 97 mm
- Schema A - Doorsnede verticaal · Frame: 56 mm · Sash: 97 mm
- Schema A - Senkrechter Schnitt · Rahmen: 56 mm · Flügel: 97 mm
- Schema A - Sezione verticale · Telaio: 56 mm · Anta: 97 mm
- Schema A - Verticale doorsnede · Kader: 56 mm · Vleugel: 97 mm





A

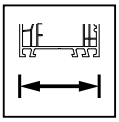


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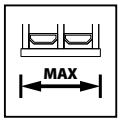
Schemat
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HST 70

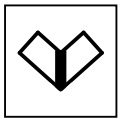




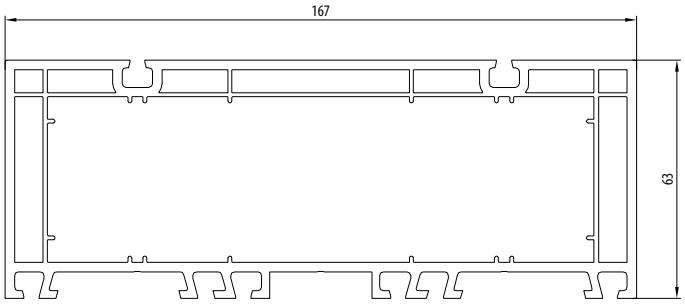
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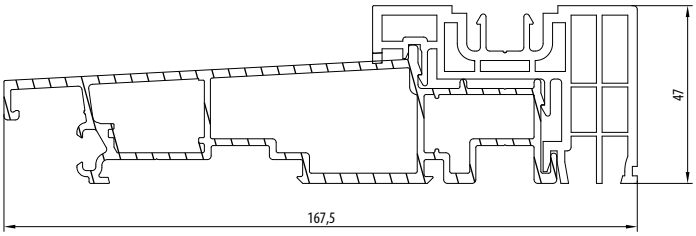
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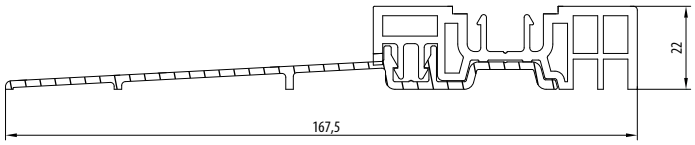




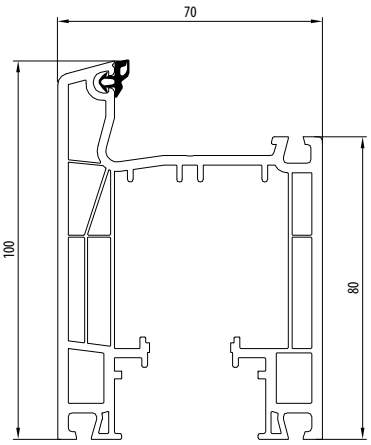
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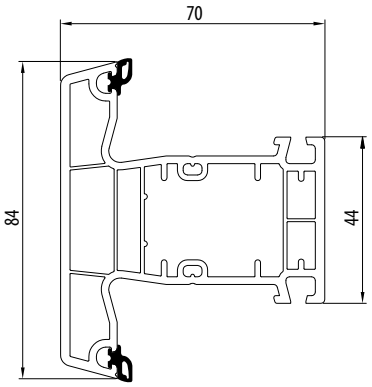
GU-47



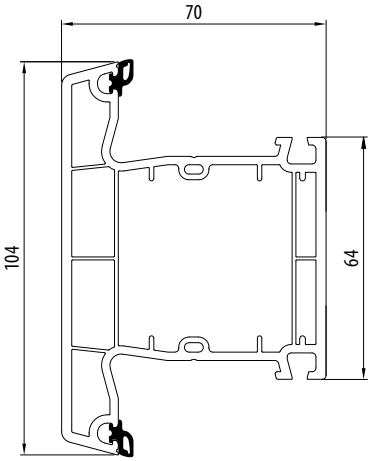
Flatstep



CL 140x81

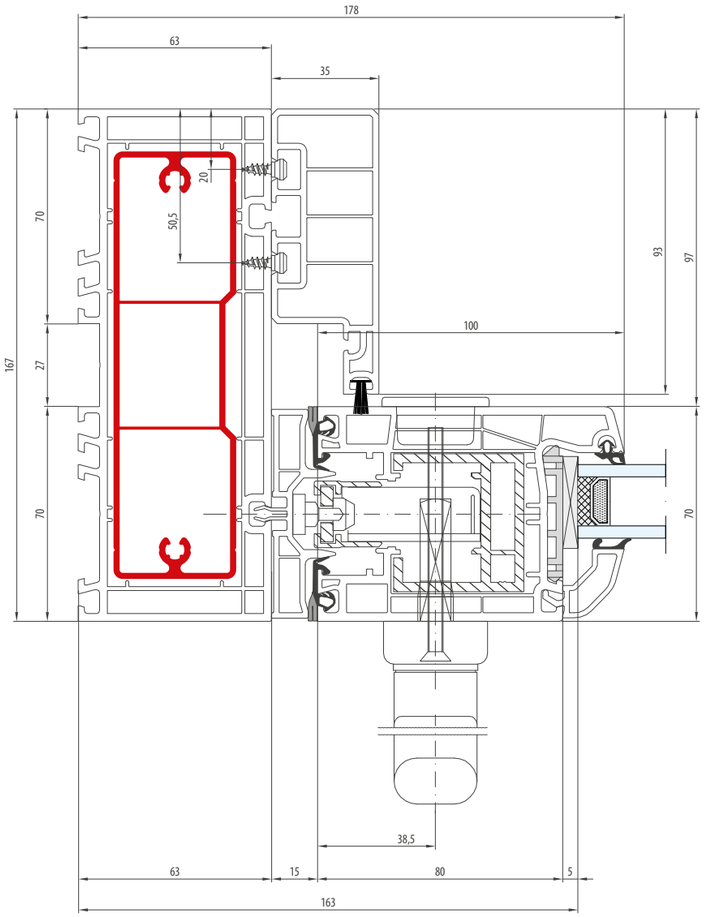


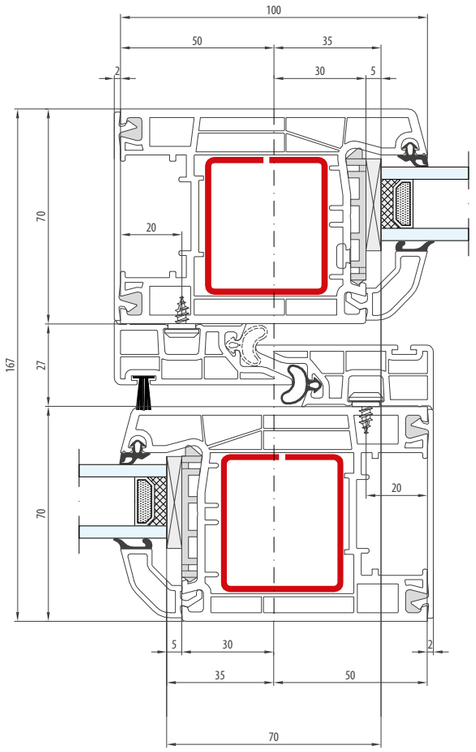
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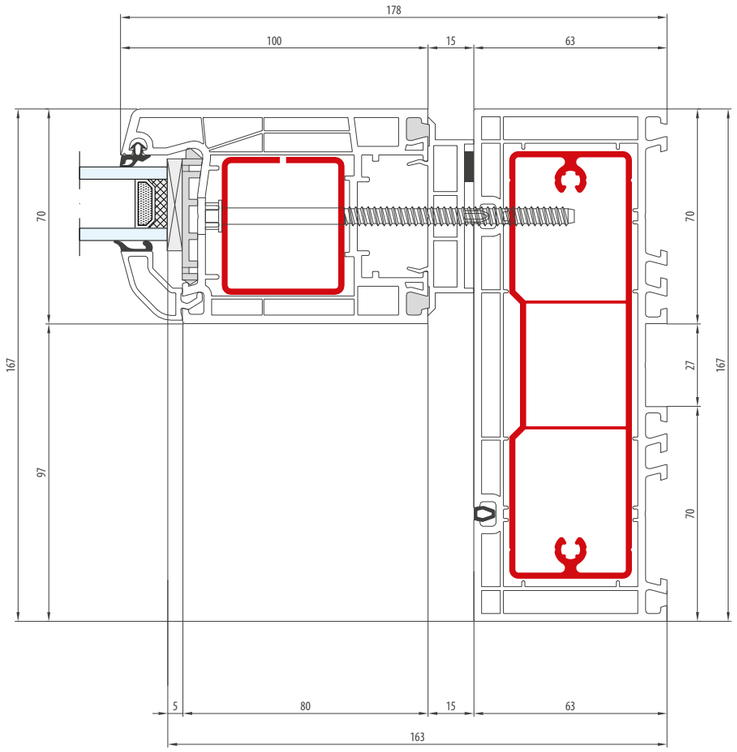


CL 140x45

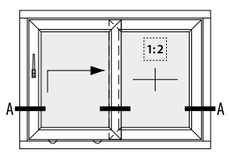
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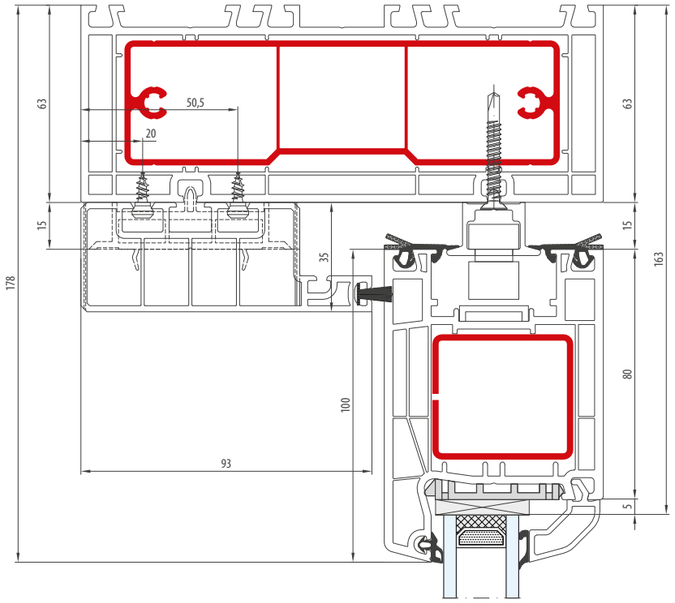


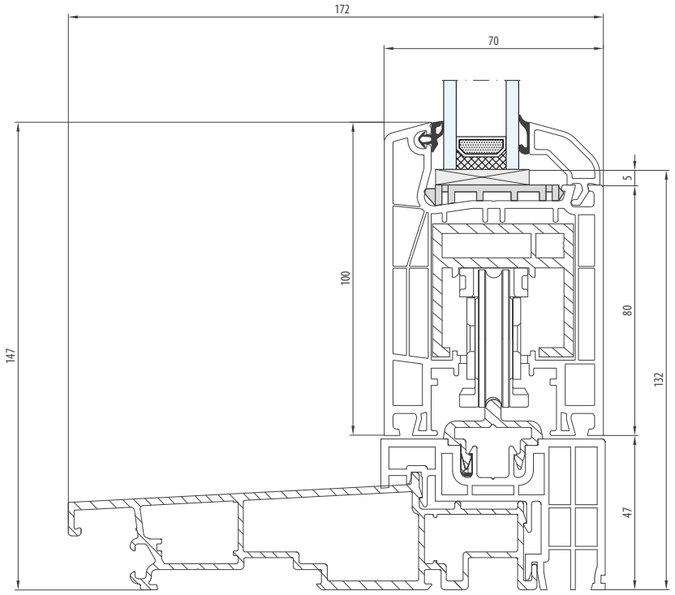


- Schemat A - Przekrój poziomy · Rama: 63 mm · Skrzydło: 100 mm
- Schéma A - Coupe horizontale · Dormant: 63 mm · Vantail: 100 mm
- Schema A - Doorsnede horizontaal · Frame: 63 mm · Sash: 100 mm
- Schema A - Wagerechter Schnitt · Rahmen: 63 mm · Flügel: 100 mm
- Schema A - Sezione orizzontale · Telaio: 63 mm · Anta: 100 mm
- Schema A - Horizontale doorsnede · Kader: 63 mm · Vleugel: 100 mm

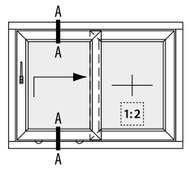


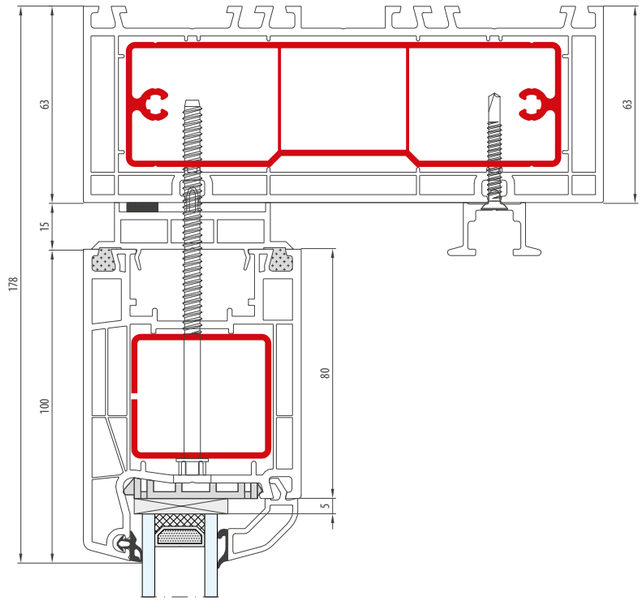
EASY SLIDE
MULTI SLIDE
SMART SLIDE
HST 70
HST 85

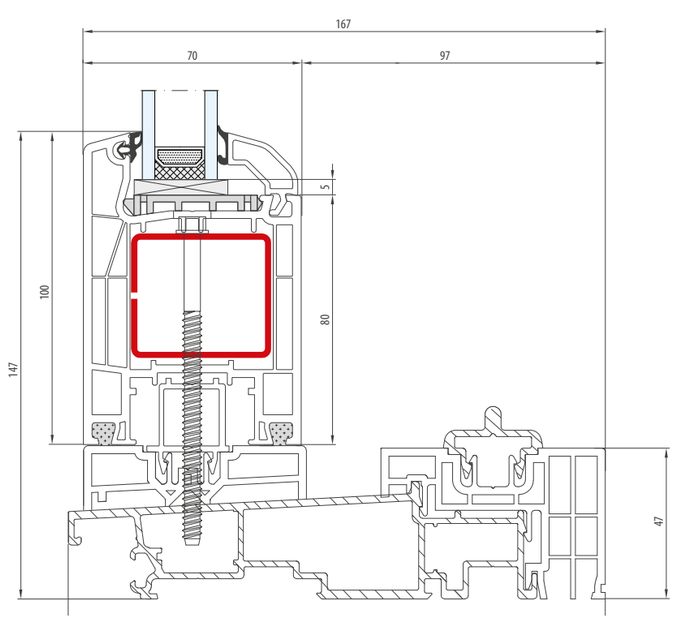




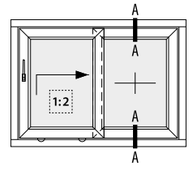
- Schemat A - Przekrój pionowy · Próg: 47 mm · Skrzydło: 100 mm
- Schéma A - Coupe verticale · Seuil: 47 mm · Vantail: 100 mm
- Schema A - Doorsnede verticaal · Doorstep: 47 mm · Sash: 100 mm
- Schema A - Senkrechter Schnitt · Schwelle: 47 mm · Flügel: 100 mm
- Schema A - Sezione verticale · Soglia: 47 mm · Anta: 100 mm
- Schema A - Verticale doorsnede · Dorpel: 47 mm · Vleugel: 100 mm

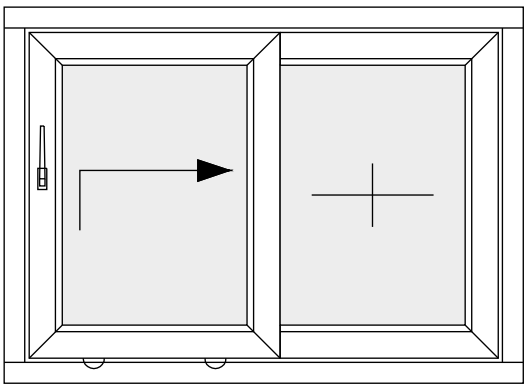




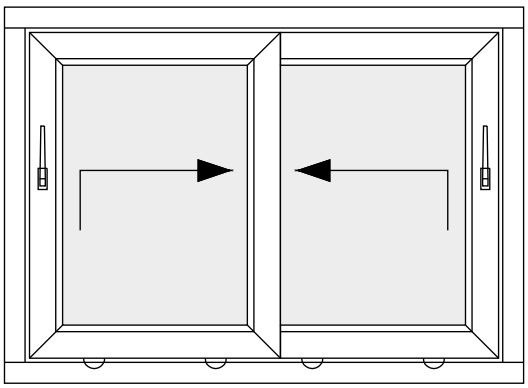


- Schemat A - Przekrój pionowy · Próg: 47 mm · Skrzydło: 100 mm
- Schéma A - Coupe verticale · Seuil: 47 mm · Vantail: 100 mm
- Schema A - Doorsnede verticaal · Doorstep: 47 mm · Sash: 100 mm
- Schema A - Senkrechter Schnitt · Schwelle: 47 mm · Flügel: 100 mm
- Schema A - Sezione verticale · Soglia: 47 mm · Anta: 100 mm
- Schema A - Verticale doorsnede · Dorpel: 47 mm · Vleugel: 100 mm

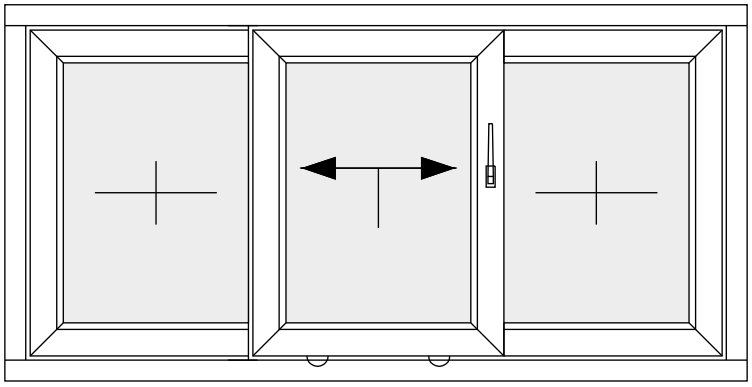




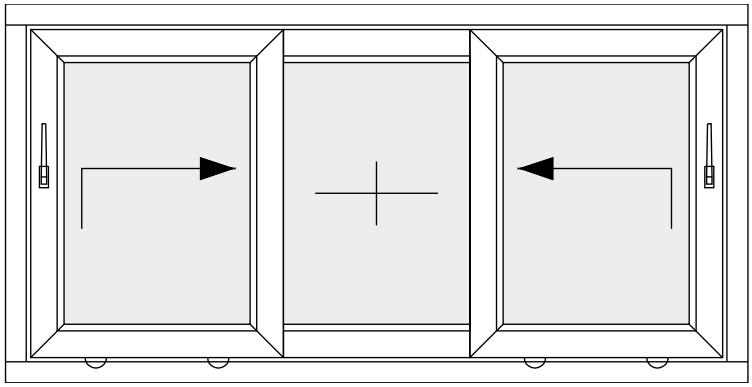
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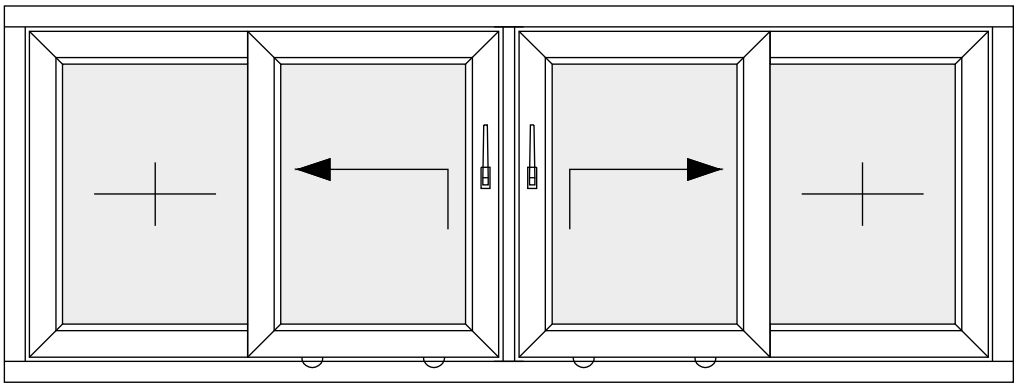
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G



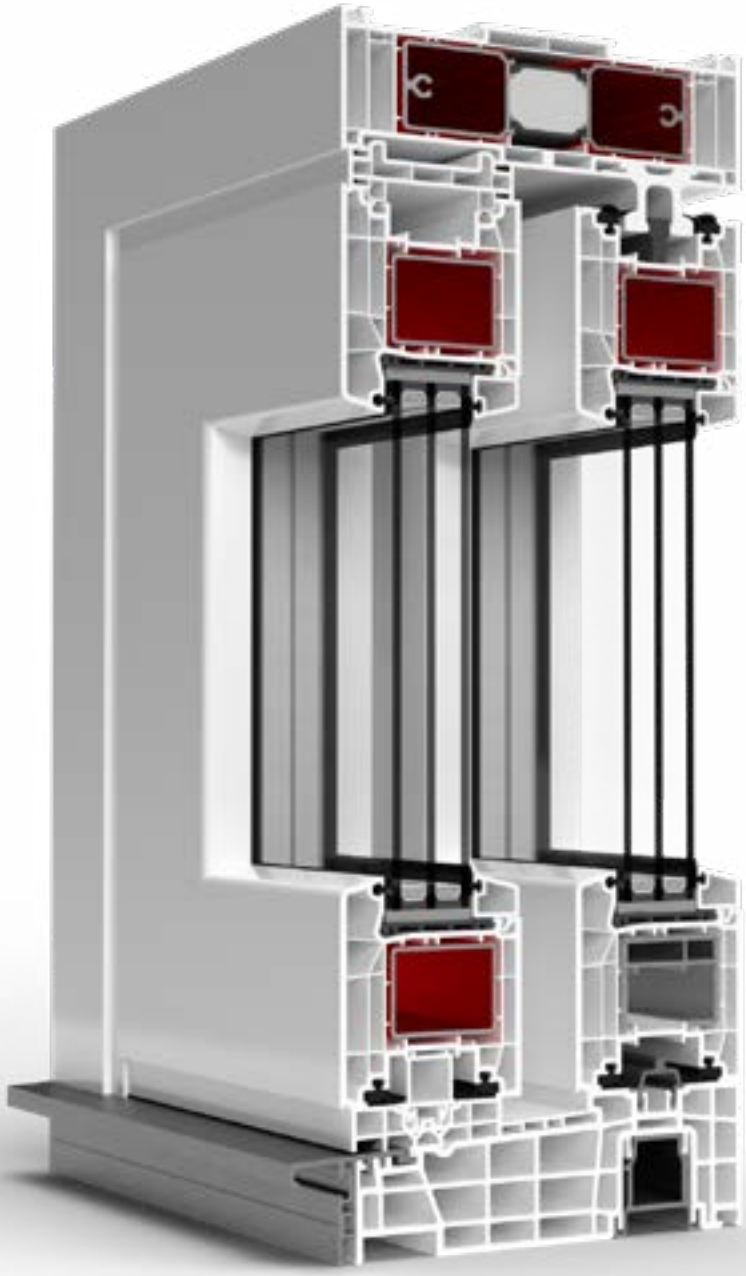
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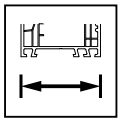


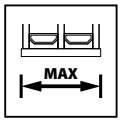
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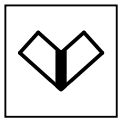
HST 85




197



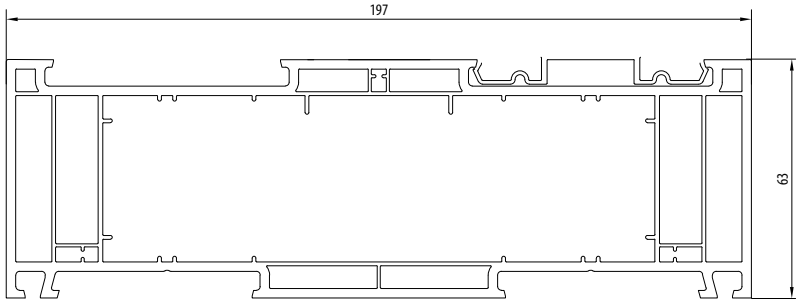
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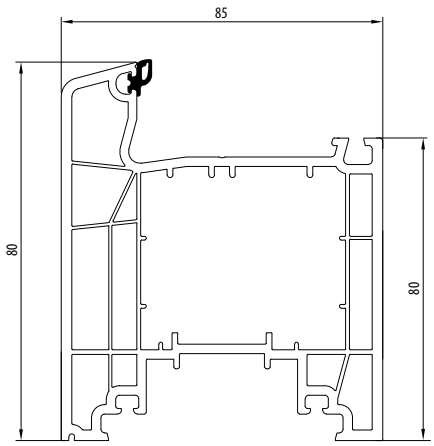


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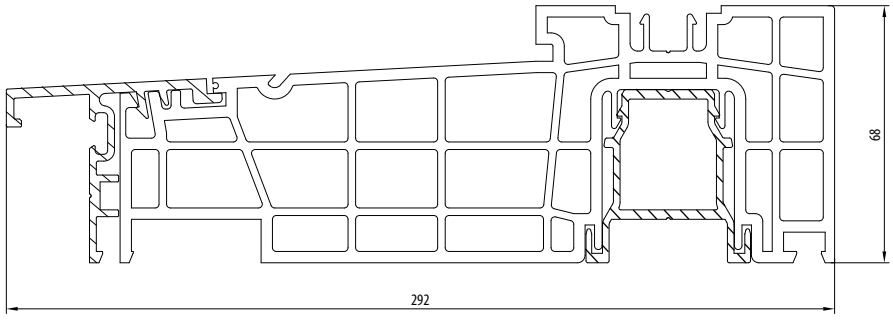




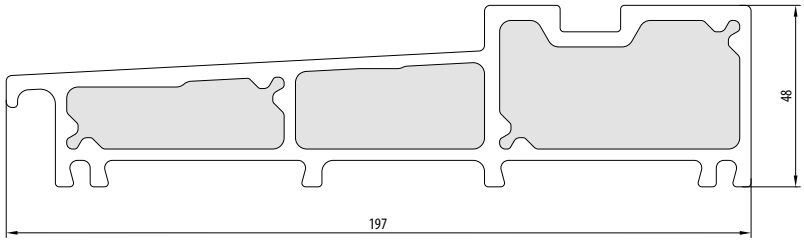
CL ALU 170x80



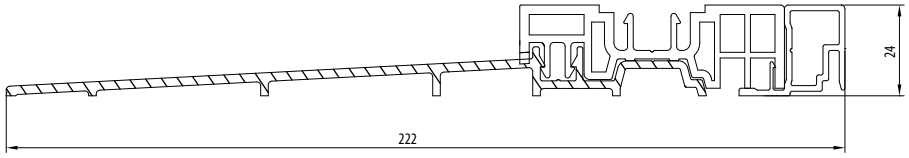
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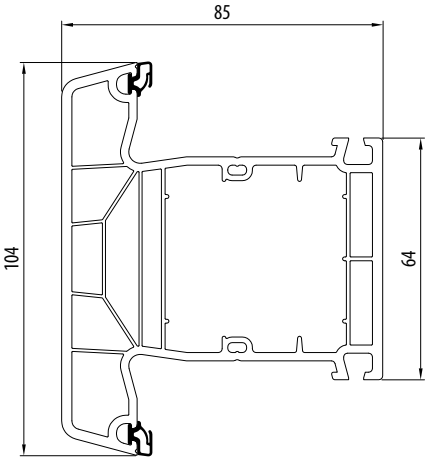
Thermostep



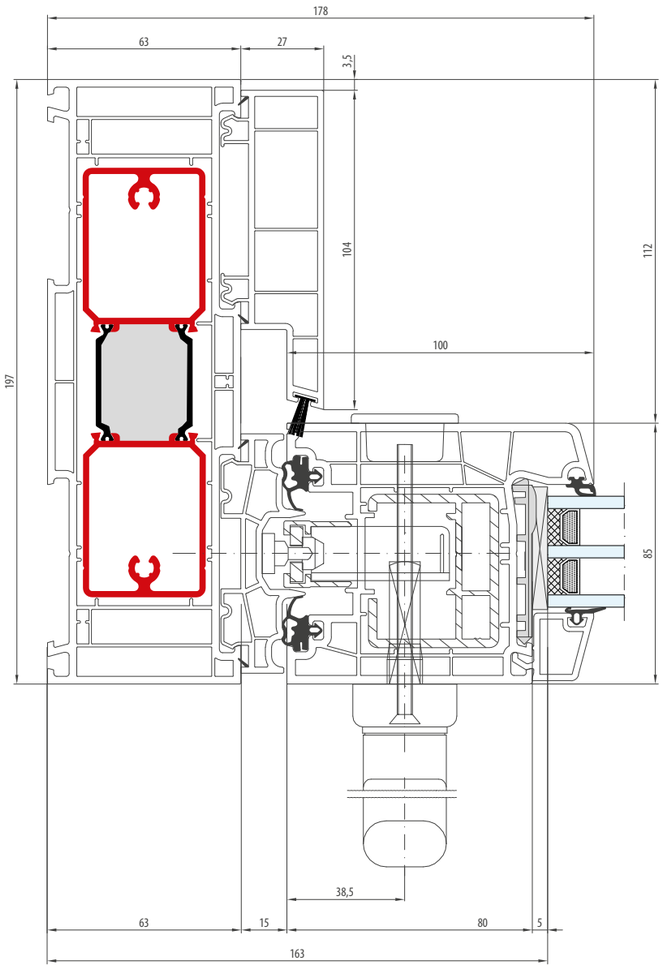
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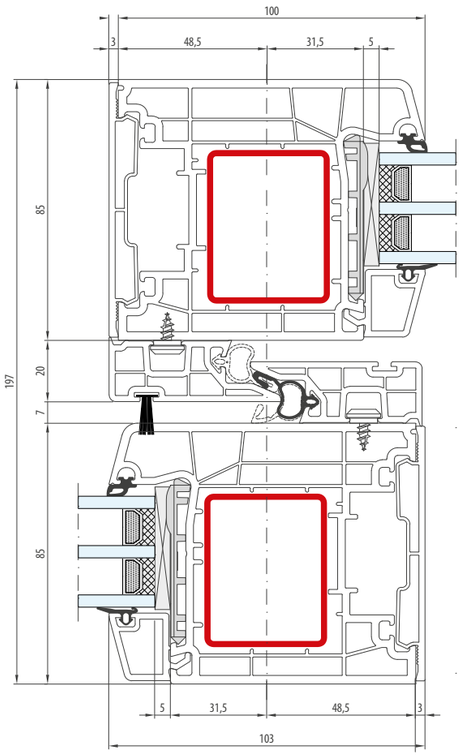


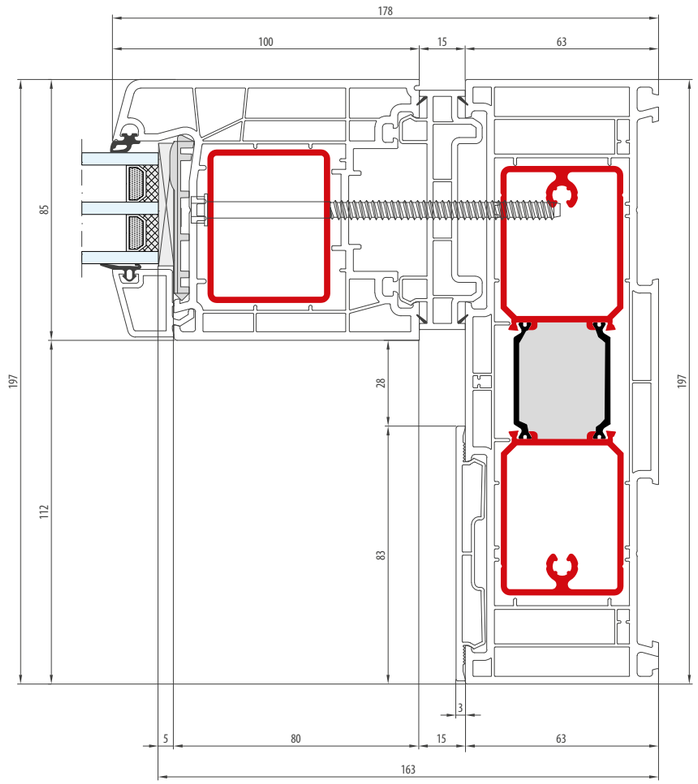
Flatstep



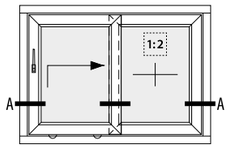
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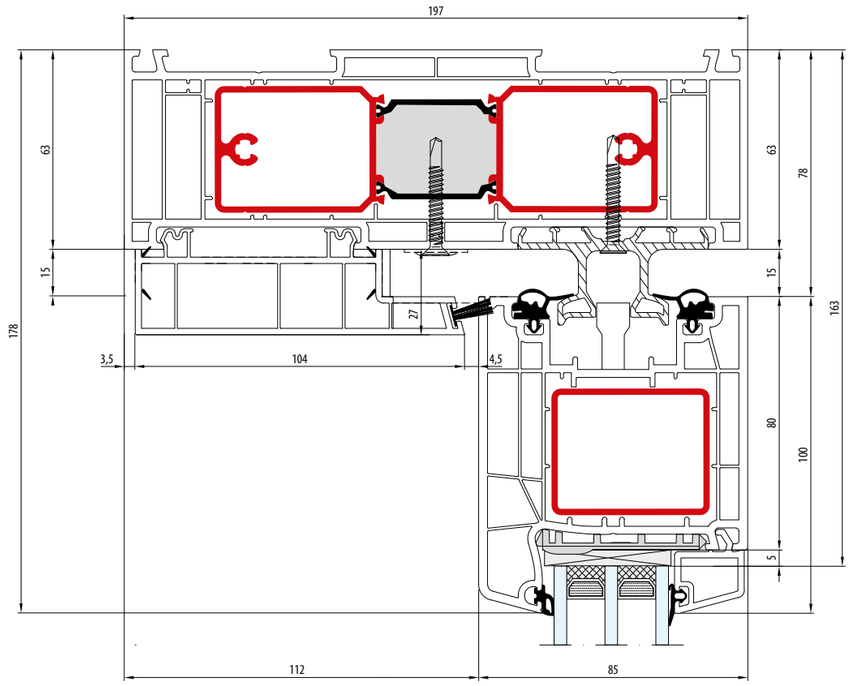




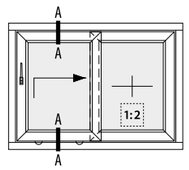


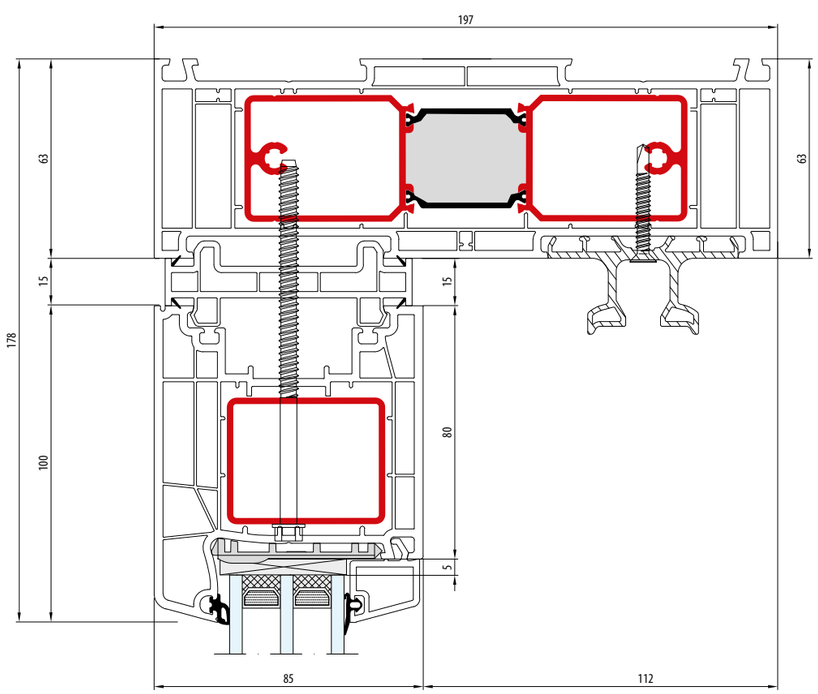
- Schemat A - Przekrój poziomy · Rama: 63 mm · Skrzydło: 100 mm
- Schéma A - Coupe horizontale · Dormant: 63 mm · Vantail: 100 mm
- Schema A - Doorsnede horizontaal · Frame: 63 mm · Sash: 100 mm
- Schema A - Wagerechter Schnitt · Rahmen: 63 mm · Flügel: 100 mm
- Schema A - Sezione orizzontale · Telaio: 63 mm · Anta: 100 mm
- Schema A - Horizontale doorsnede · Kader: 63 mm · Vleugel: 100 mm



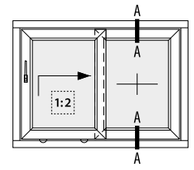


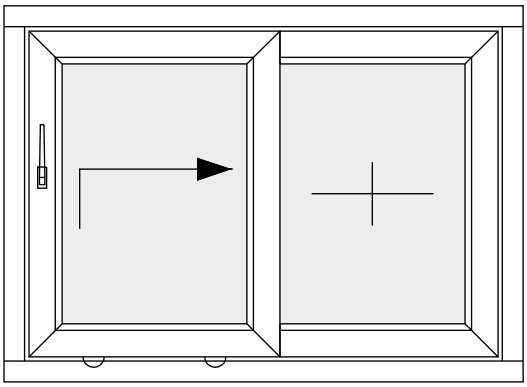
- Schemat A - Przekrój pionowy · Próg: 68 mm · Skrzydło: 100 mm
- Schéma A - Coupe verticale · Seuil: 68 mm · Vantail: 100 mm
- Schema A - Doorsnede verticaal · Doorstep: 68 mm · Sash: 100 mm
- Schema A - Senkrechter Schnitt · Schwelle: 68 mm · Flügel: 100 mm
- Schema A - Sezione verticale · Soglia: 68 mm · Anta: 100 mm
- Schema A - Verticale doorsnede · Dorpel: 68 mm · Vleugel: 100 mm



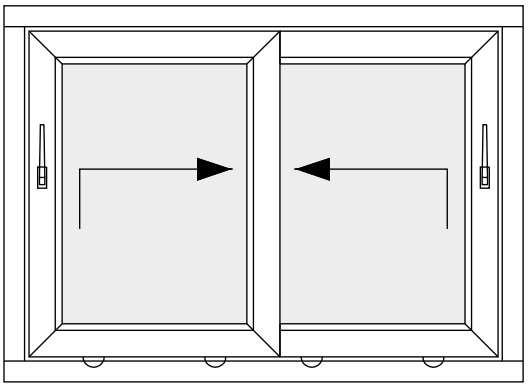


- Schemat A - Przekrój pionowy · Próg: 68 mm · Skrzydło: 100 mm
- Schéma A - Coupe verticale · Seuil: 68 mm · Vantail: 100 mm
- Schema A - Doorsnede verticaal · Doorstep: 68 mm · Sash: 100 mm
- Schema A - Senkrechter Schnitt · Schwelle: 68 mm · Flügel: 100 mm
- Schema A - Sezione verticale · Soglia: 68 mm · Anta: 100 mm
- Schema A - Verticale doorsnede · Dorpel: 68 mm · Vleugel: 100 mm

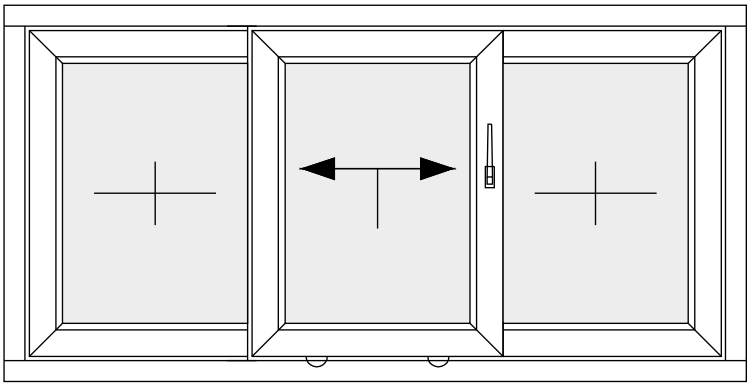




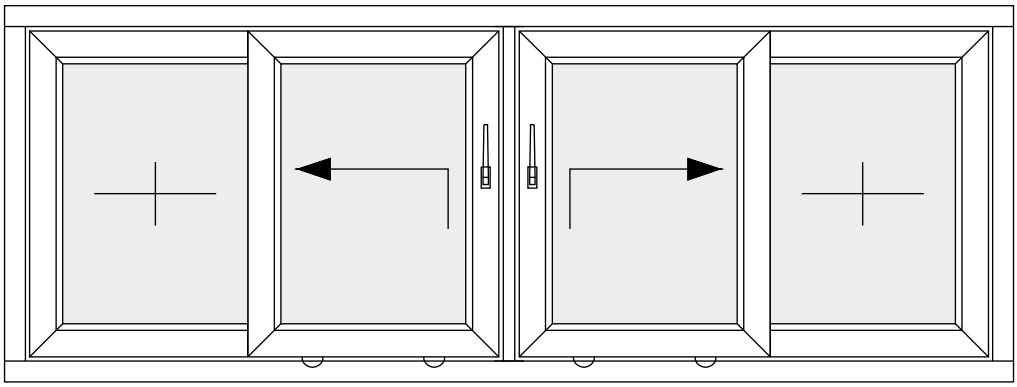
A



D

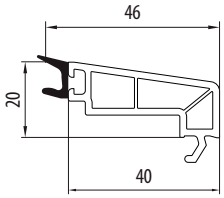
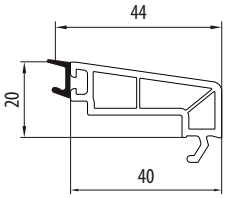
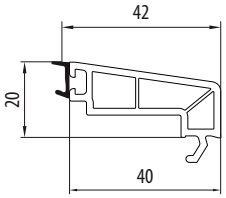
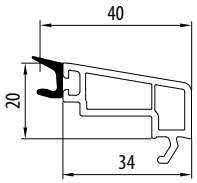
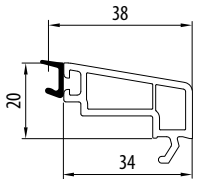
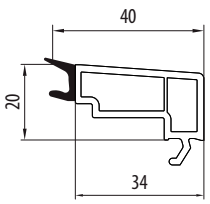
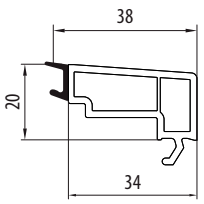


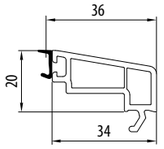
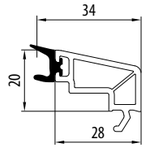
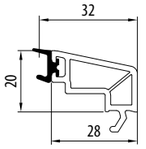
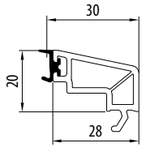
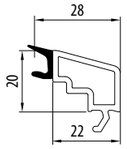
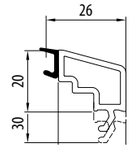
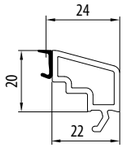
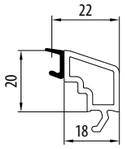
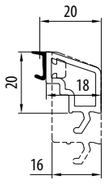
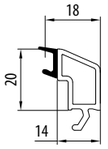
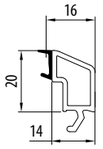
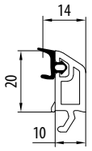
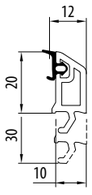
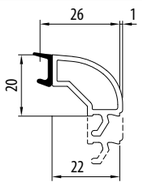
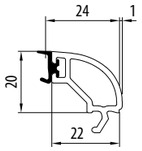
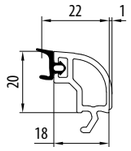
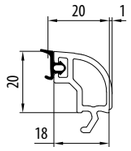
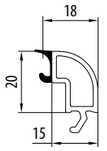
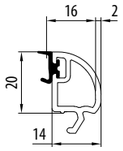
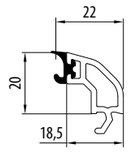
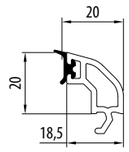
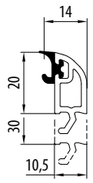
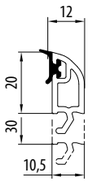
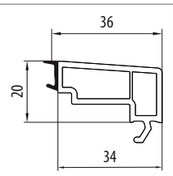
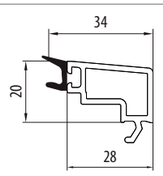
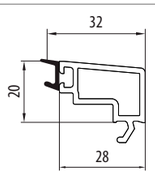
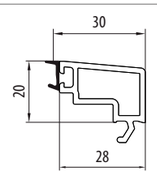
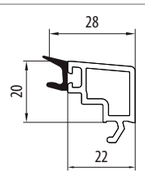
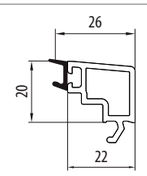
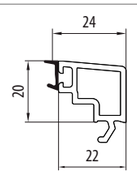
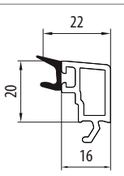
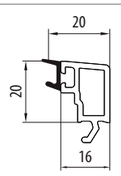
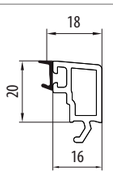
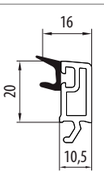
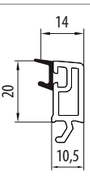
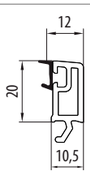
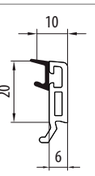
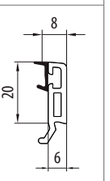
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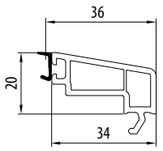
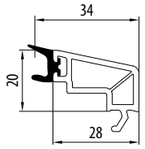
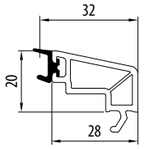
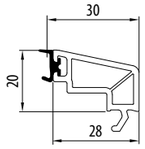
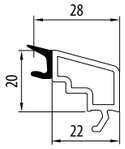
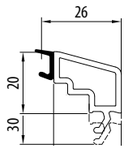
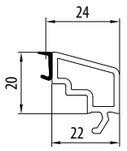
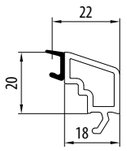
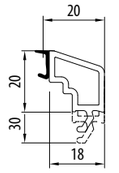
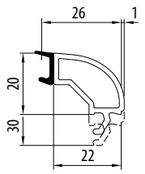
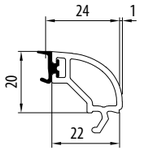
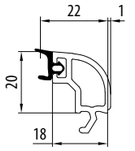
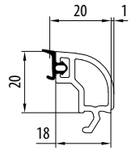
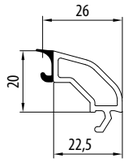
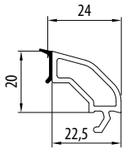
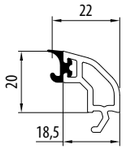
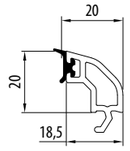


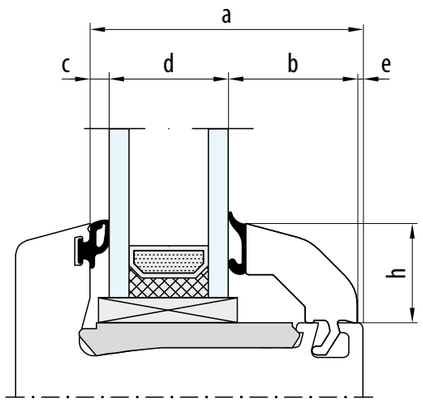
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QL				 ■ 150736 □ 150766	 ■ 150836 □ 150866	

	d [mm]														
	14 - 15	16 - 17	18 - 19	20 - 21	22 - 23	24 - 25	26 - 27	28 - 29	30 - 31	32 - 33	34 - 35	36 - 37	38 - 39	40 - 41	42
	26 - 27	28 - 29	30 - 31	32 - 33	34 - 35	36 - 37	38 - 39	40 - 41	42 - 43	44 - 45	46 - 47	48 - 49	50 - 51	52 - 53	54
	24 - 25	26 - 27	28 - 29	30 - 31	32 - 33	34 - 35	36 - 37	38 - 39	40 - 41	42 - 43	44 - 45	46 - 47	48 - 49	50 - 51	52
	40 - 41	42 - 43	44 - 45	46 - 47	48 - 49	50 - 51	52 - 53	54 - 55	56 - 57	58 - 59	60 - 61	62 - 63	64 - 65	66 - 67	68
	24 - 25	26 - 27	28 - 29	30 - 31	32 - 33	34 - 35	36 - 37	38 - 39	40 - 41	42 - 43	44 - 45	46 - 47	48 - 49	50 - 51	52
	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	3 1 - 32	33 - 34	35 - 36	37 - 38	39 - 40	41 - 42	43 - 44	45 - 46	47 - 48	49
	 ■ 120640 □ 120670	 ■ 120738 □ 120768	 ■ 120838 □ 120868	 ■ 120638 □ 120668	 ■ 120736 □ 120766	 ■ 120836 □ 120866	 ■ 120636 □ 120666	 ■ 120835 □ 120865	 ■ 120635 □ 120665 ■ 130854 □ 130884	 ■ 120833 □ 120863	 ■ 120633 □ 120663	 ■ 120832 □ 120862	 ■ 120632 □ 120662 ■ 130653 □ 130683		
						 ■ 120850 □ 120880 ■ 130850 □ 130880	 ■ 120650 □ 120680	 ■ 120859 □ 120889	 ■ 120659 □ 120689	 ■ 140852 □ 140882	 ■ 120642 □ 120672				
								 ■ 120847 □ 120877	 ■ 120647 □ 120677			 ■ 120849 □ 120879 ■ 130859 □ 130889	 ■ 120649 □ 120679 ■ 130659 □ 130689		
	 ■ 150636 □ 150666	 ■ 150735 □ 150765	 ■ 150835 □ 150865	 ■ 150635 □ 150665	 ■ 150734 □ 150764	 ■ 150834 □ 150864	 ■ 150634 □ 150664	 ■ 150733 □ 150763	 ■ 150833 □ 150863	 ■ 150633 □ 150663	 ■ 150732 □ 150762	 ■ 150832 □ 150862	 ■ 150632 □ 150662	 ■ 150831 □ 150861	 ■ 150631 □ 150661

	d [mm]										
Easy Slide									4 - 5	6 - 7	8 - 9
Multi Slide			6 - 7	8 - 9	10 - 11	12 - 13	14 - 15	16 - 17	18 - 19	20 - 21	22 - 23
CL			 ■ 120640 ▒ 120670	 ■ 120738 ▒ 120768	 ■ 120838 ▒ 120868	 ■ 120638 ▒ 120668	 ■ 120736 ▒ 120766	 ■ 120836 ▒ 120866 ■ 130836 ▒ 130866	 ■ 120636 ▒ 120666	 ■ 120835 ▒ 120865	 ■ 120635 ▒ 120665 ■ 130854 ▒ 130884
RL								 ■ 120850 ▒ 120880 ■ 130850 ▒ 130880	 ■ 120650 ▒ 120680	 ■ 120859 ▒ 120889	 ■ 120659 ▒ 120689
SL								 ■ 120846 ▒ 120876	 ■ 120646 ▒ 120676	 ■ 120847 ▒ 120877	 ■ 120647 ▒ 120677

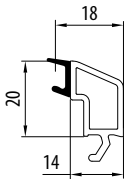
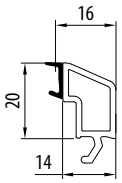
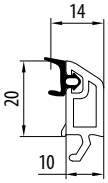
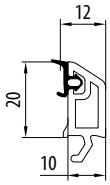
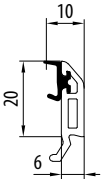
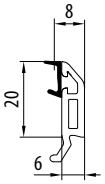
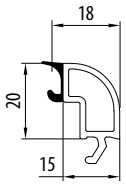
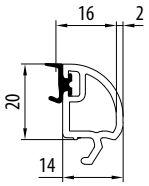
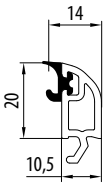
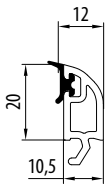


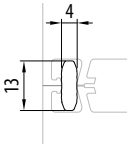
b = a - c - d - e

	a [mm]	c [mm]	e [mm]
Ideal 4000	55	4	1
> 140x27	63	4	1
Ideal 5000 Nordline ** Blockprofil Monoblock Ideal 70/Cas HST 70 Smart-Slide	55	4	1
Ideal 7000 Ideal 7000 NL Ideal 8000 Energeto 8000 Nordline * HST 85	65	4	1
Ideal Neo Energeto Neo	66	4	1
> 060x27	80	4	1
Easy Slide	32	4	1
Multi Slide	47	4	1

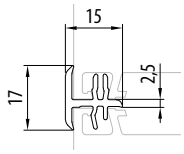
* Rama
Dormant
Frame
Rahmen
Telaio
Telaio

** Skrzydło
Vantail
Sash
Flügel
Anta
Anta

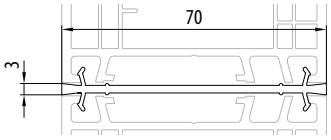
d [mm]					
10 - 11	12 - 13	14 - 15	16 - 17	18 - 20	21 -22
24 - 25	26 - 27	28 - 29	30 - 31	32 - 33	34 - 35
 ■ 120833 ■ 120863	 ■ 120633 ■ 120663	 ■ 120832 ■ 120862	 ■ 120632 ■ 120662	 ■ 140831 ■ 140861	 ■ 140631 ■ 140661
 ■ 140852 ■ 140882	 ■ 120642 ■ 120672				
		 ■ 120849 ■ 120879	 ■ 120649 ■ 120679		



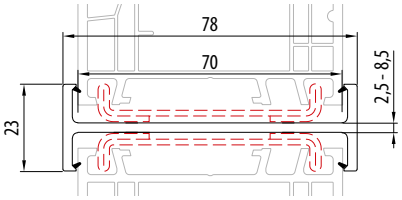
120116



120224

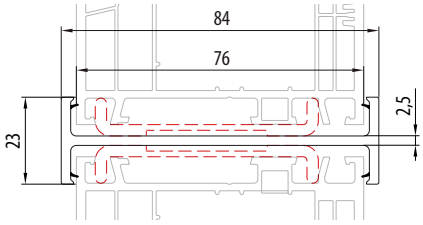


140203



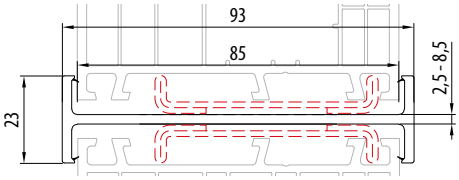
140267

–	0,0	–	Ix 0,0	Iy 0,0
	1,5	209900	Ix 0,1	Iy 7,3
	1,5	209900 x 2	Ix 0,2	Iy 14,6



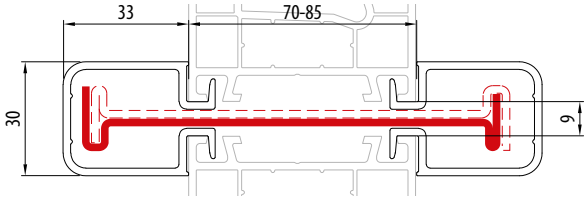
160267

–	0,0	–	Ix 0,0	Iy 0,0
	1,5	209900 x 2	Ix 0,2	Iy 14,6



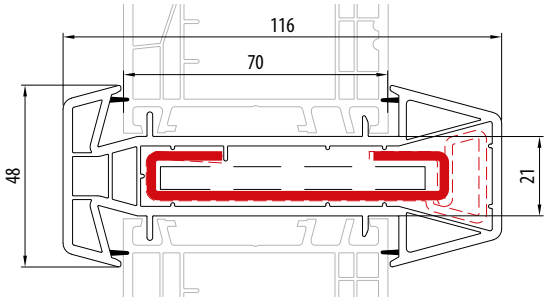
180267

–	0,0	–	Ix 0,0	Iy 0,0
	1,5	209900	Ix 0,1	Iy 7,3
	1,5	209900 x 2	Ix 0,2	Iy 14,6



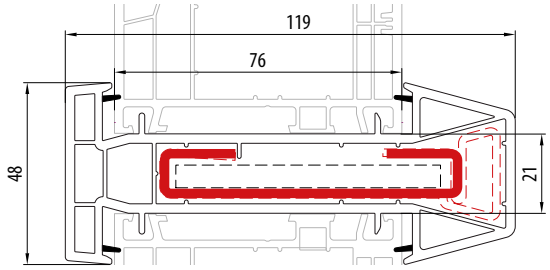
120219

	2,0	229019	Ix 0,2	Iy 43,3
	2,0	229019 x 2	Ix 0,4	Iy 86,6



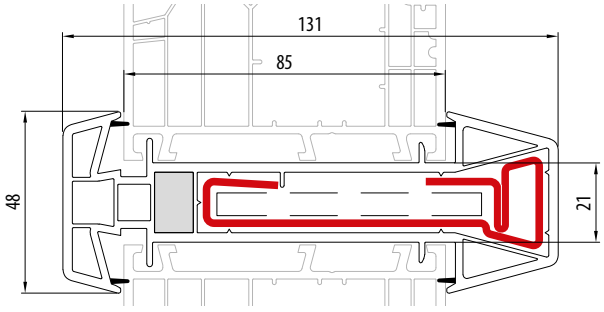
140218

	2,5	229018	Ix 0,7	Iy 24,8
	2,5+6,0	229018 + 6x70	Ix 0,8	Iy 41,9
	2,0	289218	Ix 1,3	Iy 36,9
	2,0+6,0	289218 + 6x70	Ix 1,5	Iy 54,1



160218

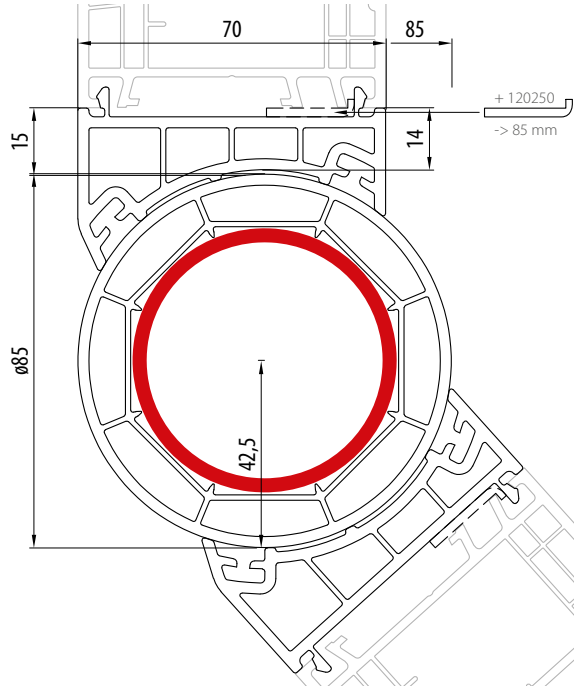
	2,5	229018	Ix 0,7	Iy 24,8
	2,5+6,0	229018 + 6x70	Ix 0,8	Iy 41,9
	2,0	289218	Ix 1,3	Iy 36,9
	2,0+6,0	289218 + 6x70	Ix 1,5	Iy 54,1



180218

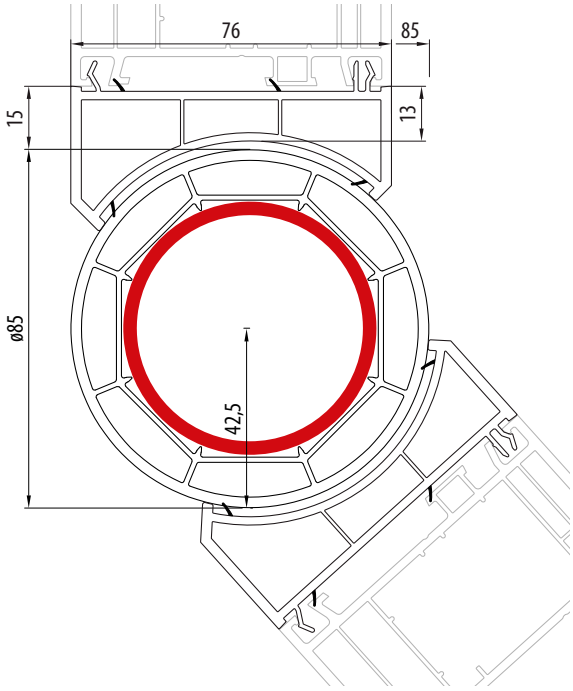
	2,0	289218	Ix 1,3	Iy 36,9
	2,0+6,0	289218 + 6x70	Ix 1,5	Iy 54,1

1:2



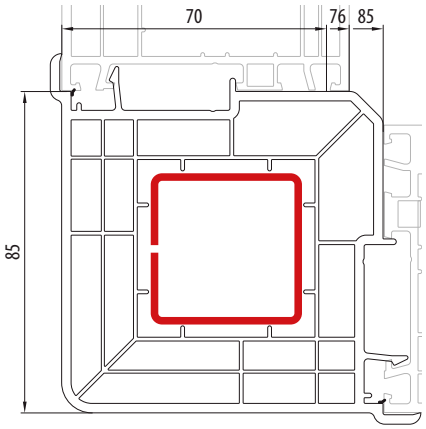
140243 - 140244 - 140243

3,2 | 249244 | Ix 23,1 | Iy 23,1



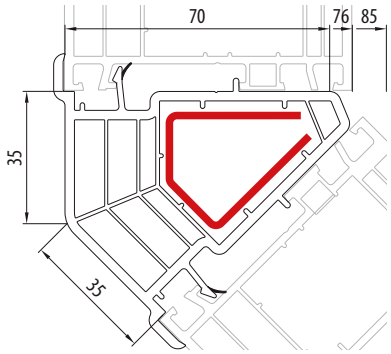
160243 - 140244 - 160243

3,2 | 249244 | Ix 23,1 | Iy 23,1



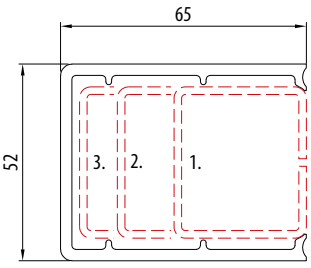
160248

2,0 | 229040 | Ix 7,0 | Iy 6,9



140249

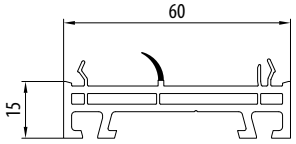
2,0 | 249242 | Ix 2,1 | Iy 2,8



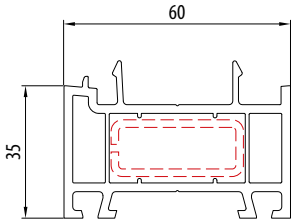
120109

1,5	229114	Ix 4,9	Iy 3,9
2,0	229125	Ix 8,5	Iy 12,0
2,0	259926	Ix 9,9	Iy 18,7

1:2

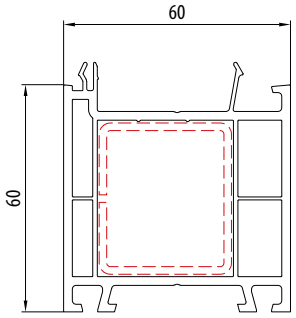


120220



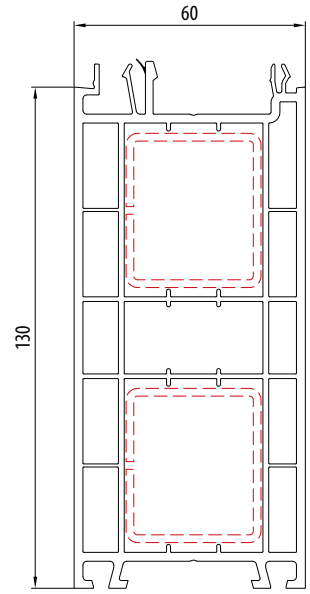
120242

–	0,0	–	Ix 0,0	Iy 0,0
	1,5	229110	Ix 0,4	Iy 1,8



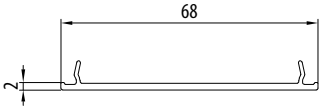
120221

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	1,5	229114	Ix 4,9	Iy 3,9

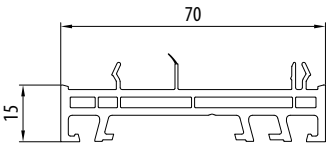


120223

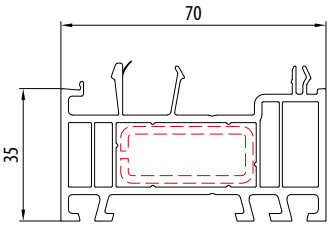
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	1,5	229114 x 2	Ix 9,8	Iy 7,8



140227

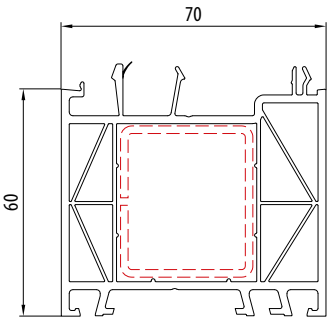


140209



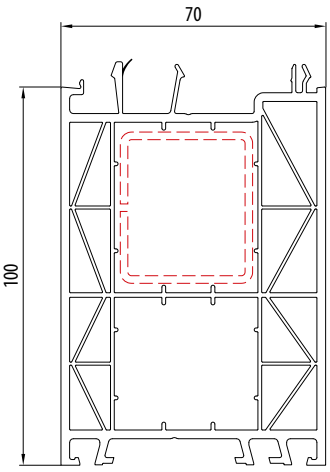
ALU 140205

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ALU 140207

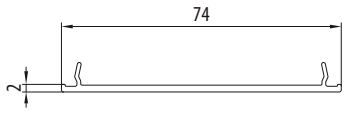
–	0,0	–	Ix 0,0	Iy 0,0
	1,5	229114	Ix 4,9	Iy 3,9



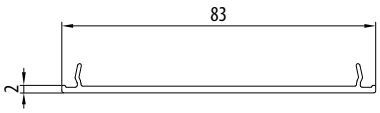
ALU 140208

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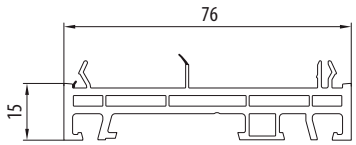
1:2



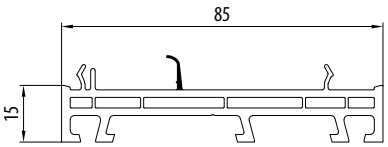
160227



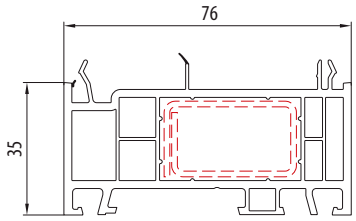
180227



160201

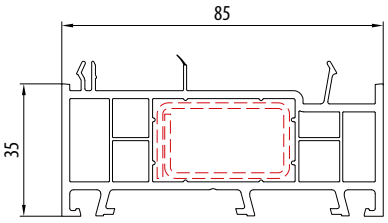


180209



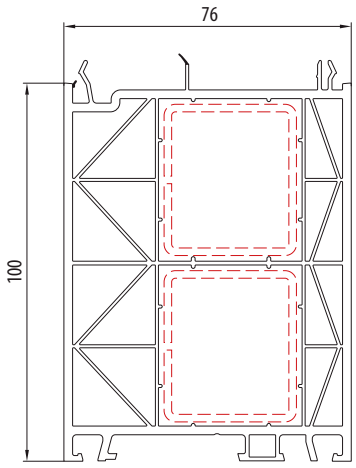
160202

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	1,5	229101	Ix 1,0	Iy 2,8



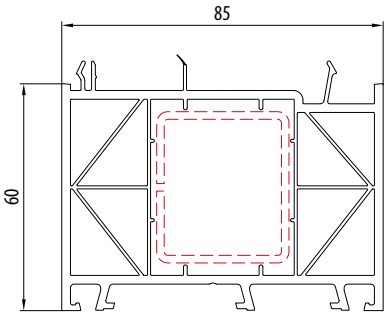
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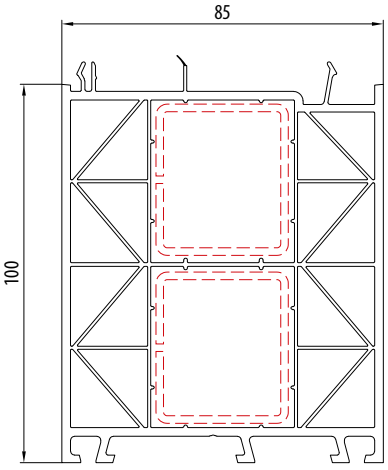
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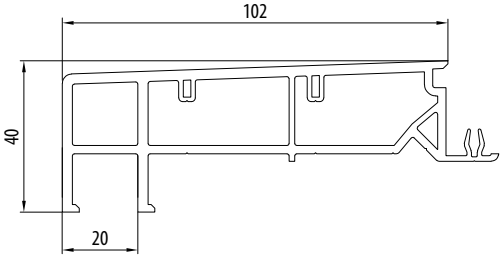
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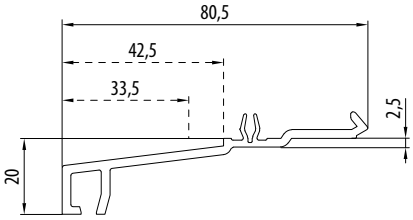


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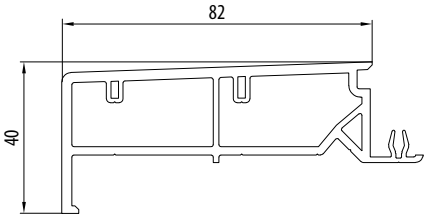
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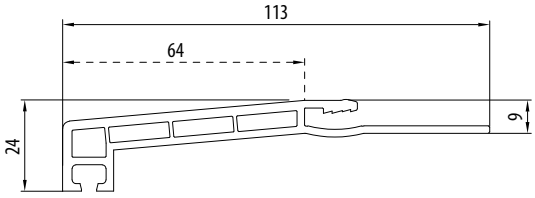
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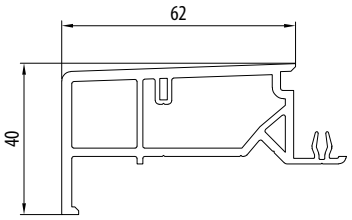
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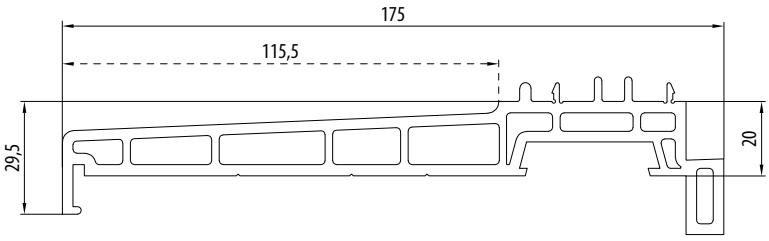
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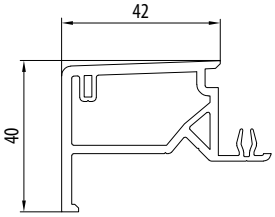
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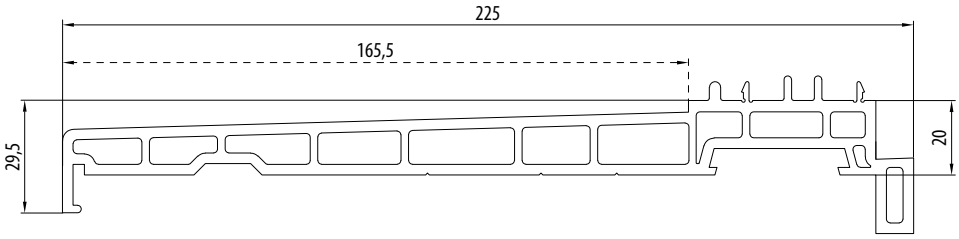
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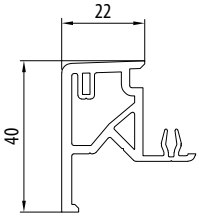
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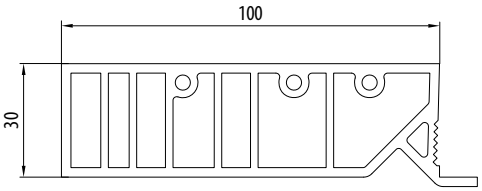
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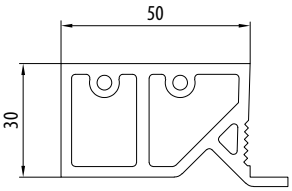
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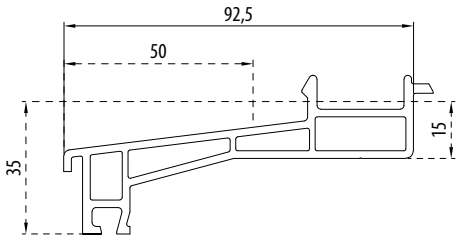


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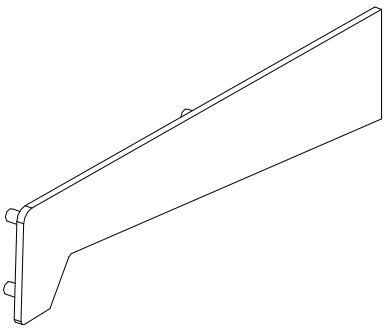


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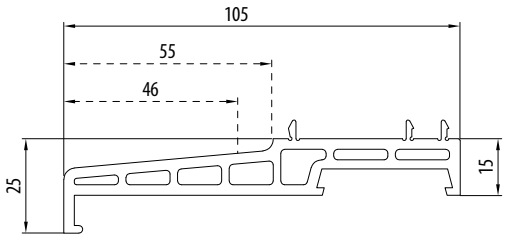
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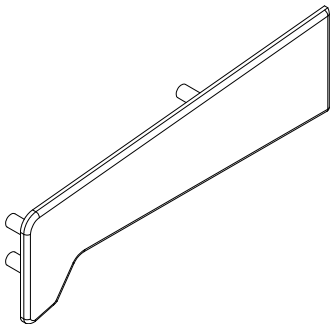
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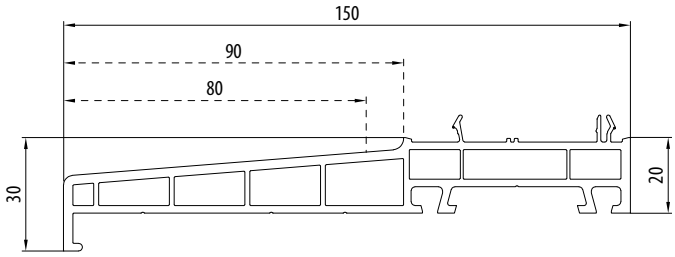
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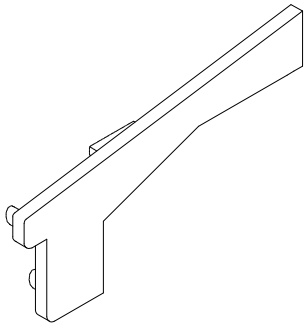
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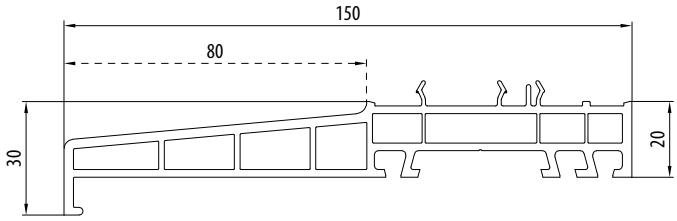
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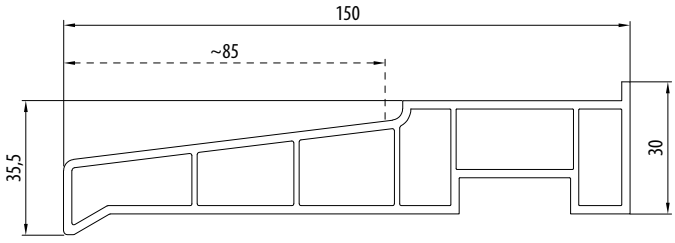
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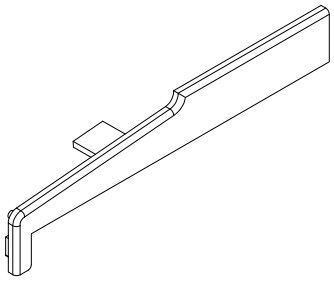
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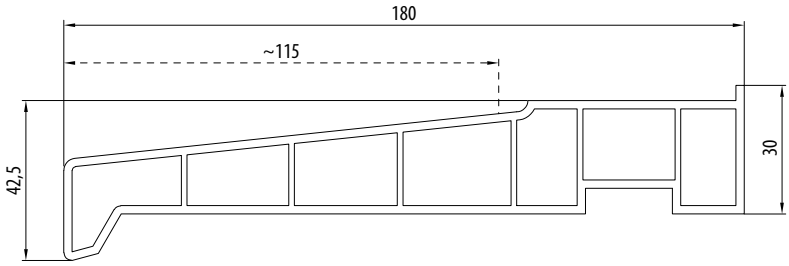
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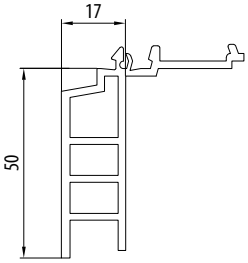


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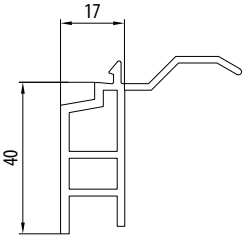


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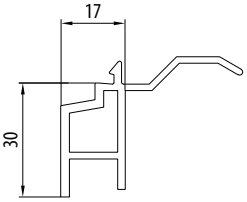
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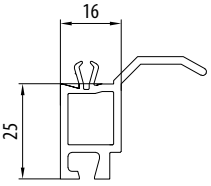
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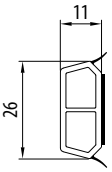
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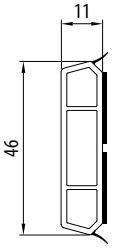
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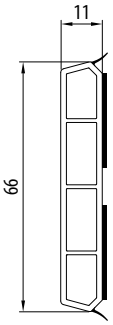
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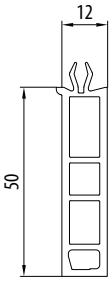
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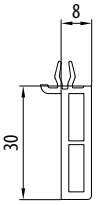
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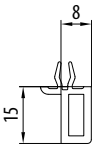
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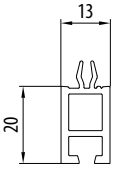
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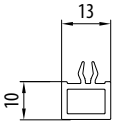
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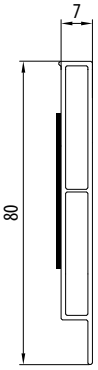
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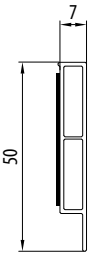
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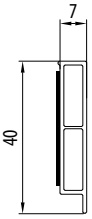
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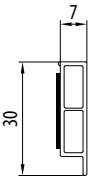
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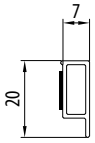
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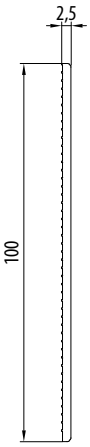
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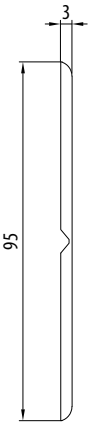
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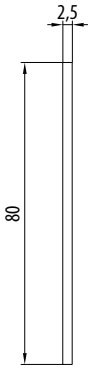
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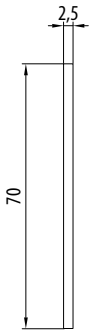
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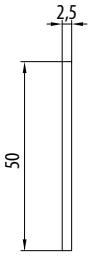
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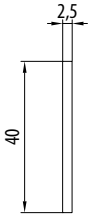
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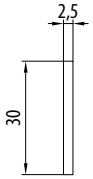
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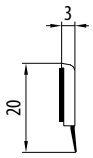
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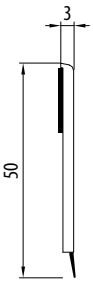
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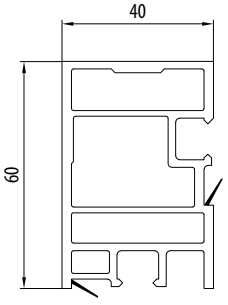
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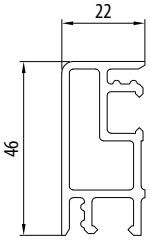
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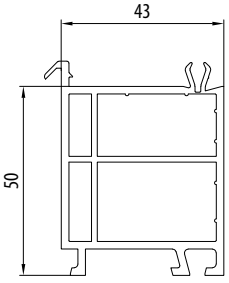
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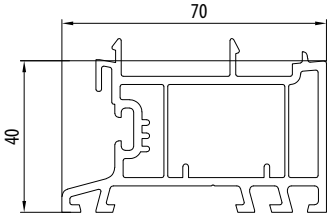
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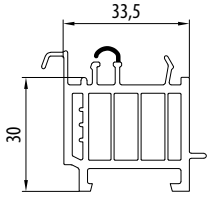
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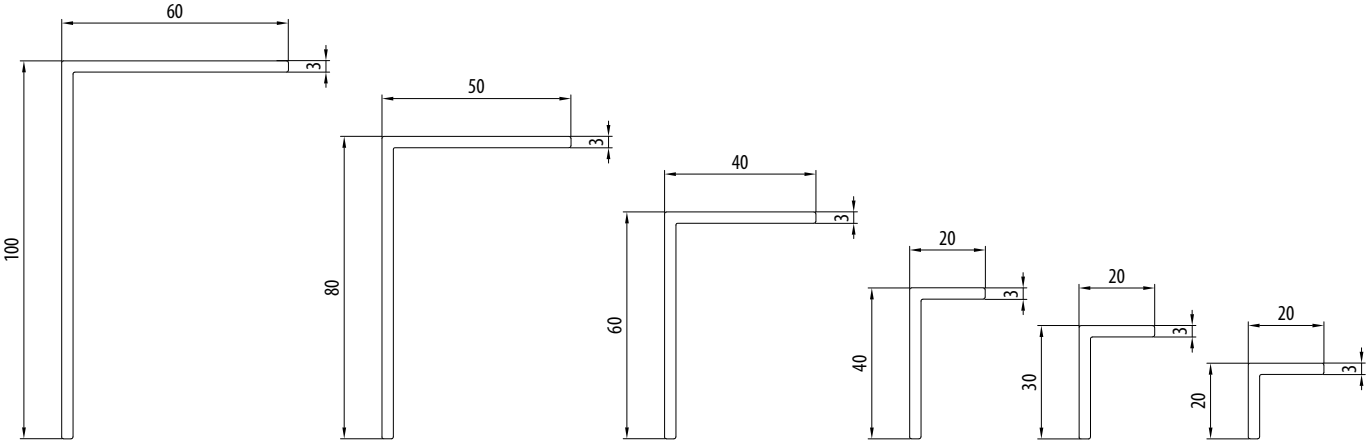
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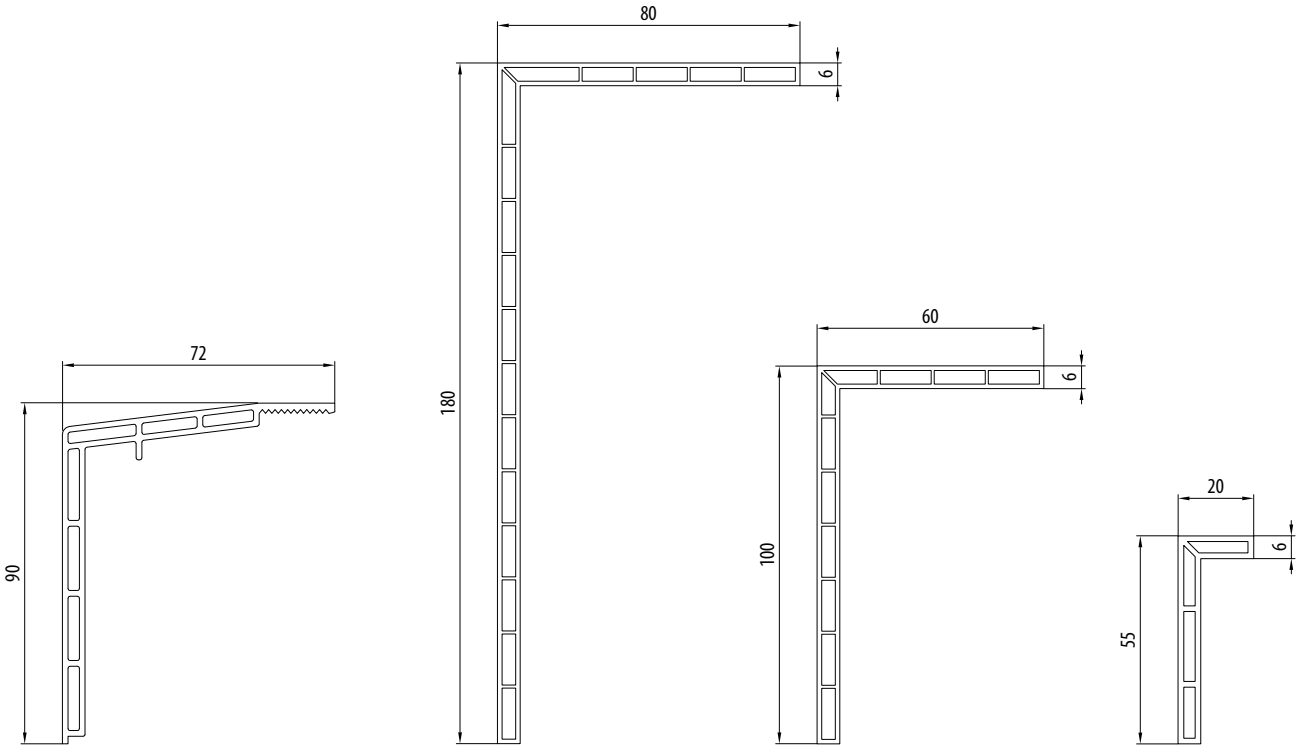
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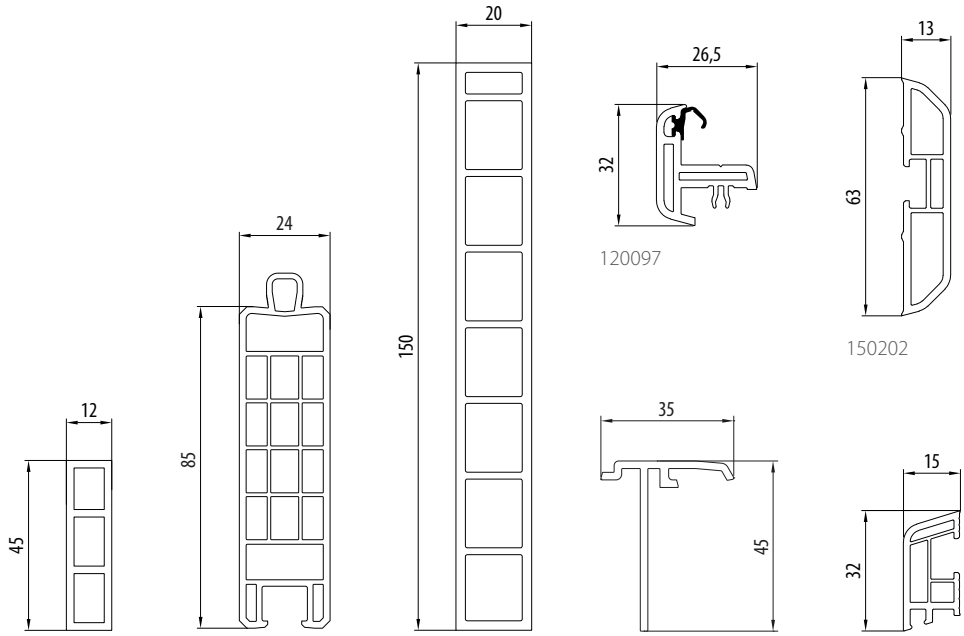
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MENU

MENU

SALAMANDER®

WINDOW & DOOR SYSTEMS


IDEAL 4000


ENERGETO 8000


EASYSLIDE


IDEAL 4000 NEW


IDEAL NEO AD / MD


MULTISLIDE


IDELA 5000


ENERGETO NEO


SMARTSLIDE


IDEAL 7000 NEW


MONOBLOCK


HST 85


IDEAL 7000 NL


NORDLINE


IDEAL 8000


IDEAL 70 /4000
CASEMANT

ALUPLAST

SALAMANDER



EVOLUTIONDRIVE 82



EVOLUTIONDRIVE PLUS+



EVOLUTIONDRIVE SF



BLUEVOLUTION 92

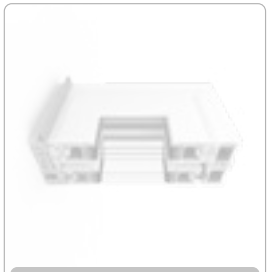


BLUEVOLUTION 82



GREENEVOLUTION FLEX

GEALAN



GEALAN HST



SYSTEM



GEALAN S8000

1

2

3

4

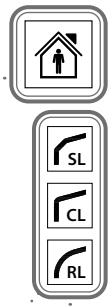
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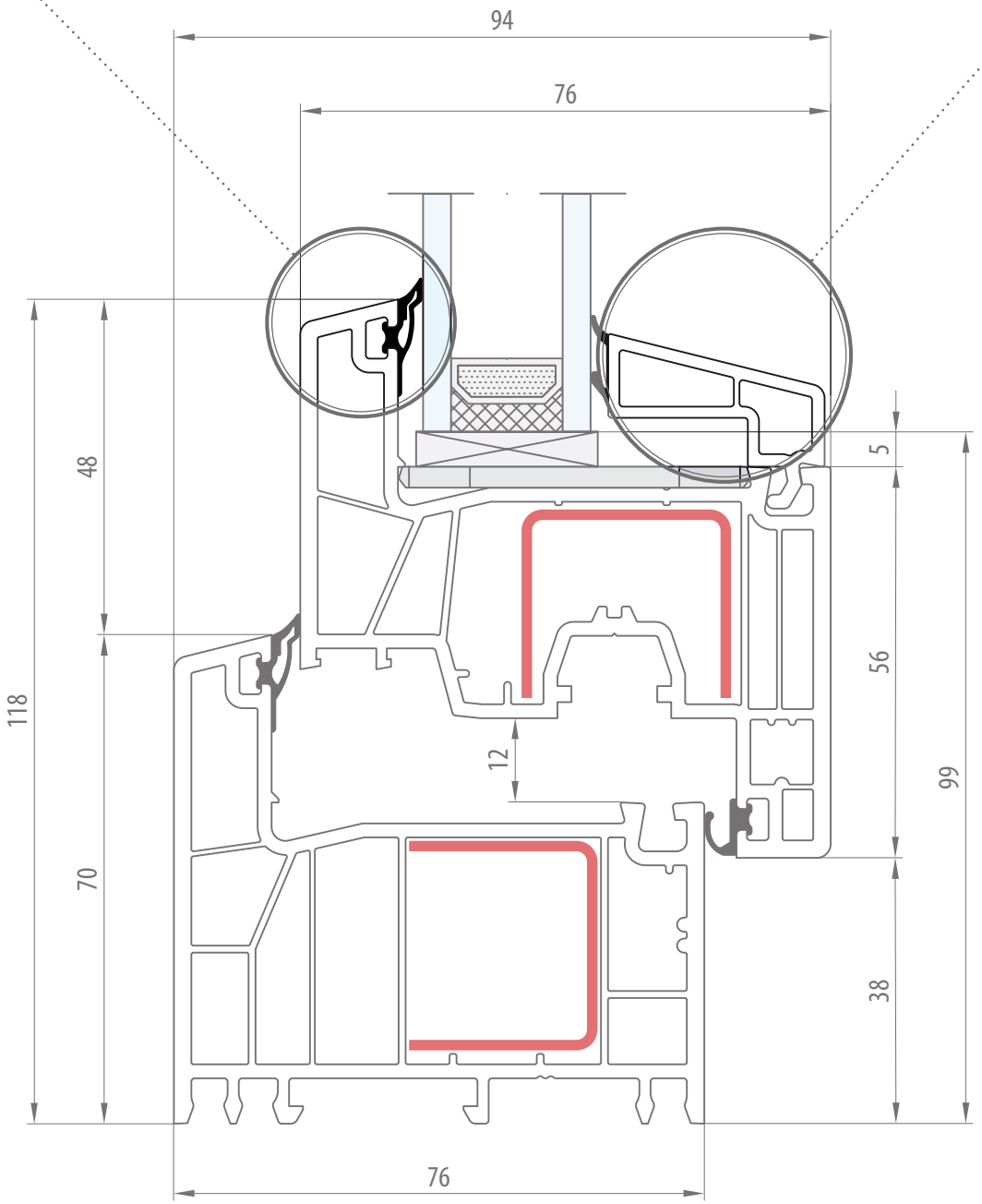
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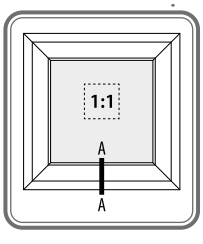
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- Rama: 70 mm · Skrzydło: 80 mm
- Dormant: 70 mm · Vantail: 80 mm
- Frame: 70 mm · Sash: 80 mm
- Rahmen: 70 mm · Flügel: 80 mm
- Telaio: 70 mm · Anta: 80 mm
- Kozijn: 70 mm · Vleugel: 80 mm



Opis oznaczeń · Description des marquages · Descriptions of markings
Beschreibung · Descrizione delle marcature · Beschrijving van markeringen

1
- Nazwa systemu
- Nom du système
- Name of a system
- System
- Nome del sistema
- Systeem naam

2
- Numery profili
- Numéros de profil
- Number of profiles
- Nummern der Profile
- Numeri dei profili
- Systeem naam

3
- Strona zewnętrzna
- Face extérieure
- External side
- Aussensetie
- Parte esterna
- Buitenkant

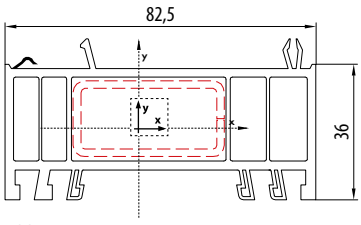
4
- Strona wewnętrzna
- Face intérieure
- Internal side
- Innenseite
- Parte interna
- Binnenkant

5
- Wykończenie zewnętrzne skrzydła
- Finition extérieure des l'ouvrant
- Finished of an external sash
- Ausführung der Innenseite es Flügels
- Finitura esterna dell'anta
- Buitenafwerking van de vleugel

6
- Wykończenie listwy przyszybowej
- Finition de la parclose
- Finished of a glazing bead
- Ausführung der Glasleiste
- Finitura del fermavetro
- Afwerking van glaslatten

7
- Opis rysunku - szerokość profili
- Description du dessin
- Description of a drawing
- Beschreibung der Zeichnung
- Descrizione del disegno
- Tekening beschrijving - profielbreedte

8
- Miejsce i skala przekroju
- Endroit et échelle de la coupe
- Place and scale of the cross-section
- Stelle und Skala des Querschnitts
- Luogo e scala della sezione
- Plaats en schaal van de doorsnede



12345

–	0,0	–	Ix 0,0	Iy 0,0
	2,0	12345	Ix 1,4	Iy 4,1
Wzmocnienie	Grubość	Kod	Moment bezwładności [cm⁴]	
Renforcement	Épaisseur	Code	Moment d'inertie [cm⁴]	
Reinforcement	Thickness	Code	Moment of inertia [cm⁴]	
Verstärkung	Stärke	Code	Flächenträgheitsmoment [cm⁴]	
Rinforzo	Spessore	Codice	Momento di inerzia [cm⁴]	
Versterking	Dikte	Code	Traagheidsmoment [cm⁴]	

Przedstawiono wzmocnienia standardowe dla konstrukcji w kolorze białym o wymiarach referencyjnych.

Les renforts standard pour une structure de couleur blanche de dimension de référence ont été présentés.

Standard reinforcements for white constructions with reference dimensions are presented

Es wurden standard Verstärkungen bei weißen Elementen mit Referenzmassen dargestellt

Sono stati presentati i rinforzi standard delle costruzioni di colore bianco con dimensioni di riferimento.

Standaard verstevigingen worden gepresenteerd voor de constructie in het wit met referentiematen

Opis oznaczeń · Description des marquages · Descriptions of markings
Beschreibung · Descrizione delle marcature · Beschrijving van markeringen



- Ilość komór
- Nombre de chambres
- Number of chambers
- Anzahl Kammern
- Quantita' di camere
- Aantal kamers



- Ilość uszczelek
- Nombre de joitns
- Number of gaskets
- Anzahl Dichtungen
- Quantita' delle guarnizioni
- Aantal afdichtingen



- Głębokość zabudowy
- Profondeur de construction
- Installation depth
- Bautiefe
- Profondita' di montaggio
- Inbouwdiepte



- Max grubość wypełnienia
- Épaisseur max du vitrage
- Max filing thickness
- Maximale Stärke der Verglasung
- Massimo spessore del riempimento
- Maximale dikte van de vulling



- Strona zewnętrzna
- Face extérieure
- External side
- Aussensetie
- Parte esterna
- Buitenkant



- Strona wewnętrzna
- Face intérieure
- Internal side
- Innenseite
- Parte interna
- Binnenkant



- Rodzaj zgrzewu
- Type de soudure
- Welding type
- Art der Schweißnaht
- Tipo di saldatura
- Type van lassen



- Możliwość zamówienia profilu w klasie A
- Possibilité de commander le profilé de classe A
- It is possible to order a profile in A class
- Auch als A-Klasse-Profil erhältlich
- Possibilita' di ordinare il profilo di classe A
- Mogelijkheid om A-klasseprofiel te bestellen



- Okucie okienne
- Ferrage de fenêtre
- Window fitting
- Fenster-Beschlag
- Ferramenta di finestre
- Raambeslag



- Okucie drzwiowe
- Ferrage de porte
- Door fitting
- Tür-Beschlag
- Ferramenta di porte
- Deurbeslag



- Technologia szyby wklejanej
- Technologie de vitrage collé
- Bonded glass technology
- Glas verklebt
- Tecnologia del vetro incollato
- Technologie van gelijmd glas



- Nakładki aluminiowe
- Capotage aluminium
- Aluminium covers
- Aluschale
- Coperture in alluminio
- Aluminium afdekkingen



Qube-line



Classic-line



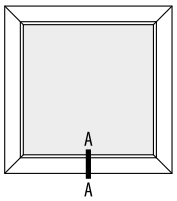
Soft-line



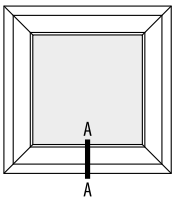
Round-line



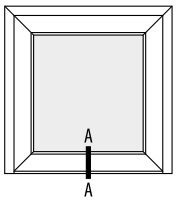
History-line



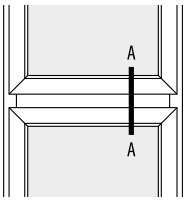
- Okno ze stałym szkleniem
- Fenêtre fixe
- Window with a fixed glazing
- Festverglasung
- Finestre fisse
- Raam met permanente beglazing



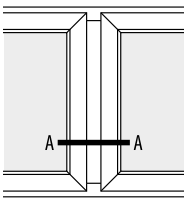
- Rama - skrzydło
- Dormant - Ouvrant
- Frame - Sash
- Rahmen - Flügel
- Telaio - Anta
- Kader - vleugel



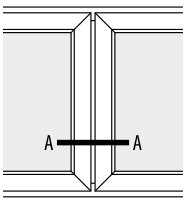
- Próg - skrzydło
- Seuil - Ouvrant
- Threshold - Sash
- Schwelle - Flügel
- Soglia - Anta
- Dorpel - vleugel



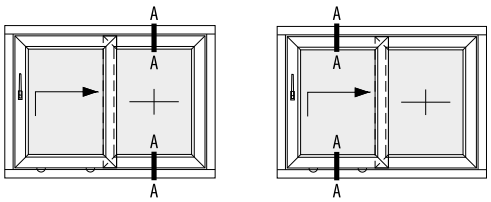
- Poprzeczka
- Traverse
- Muntin bar
- Kämpfer
- Traverso
- Tussenstijl



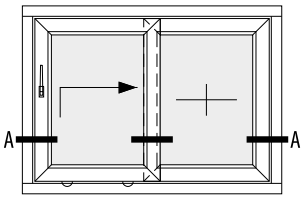
- Słupek stały
- Meneau fixe
- Fixed post
- Fester Pfosten
- Montante fisso
- Vaste stijl



- Słupek ruchomy
- Meneau mobile
- Moveable post
- Stulp
- Montante mobile
- Verplaatsbare stijl



- Schemat A - przekrój pionowy
- Schéma A – coupe verticale
- Scheme A – vertical intersection
- Schema A – Senkrechter Querschnitt
- Schema A – intersezione verticale
- Schema A - verticale doorsnede



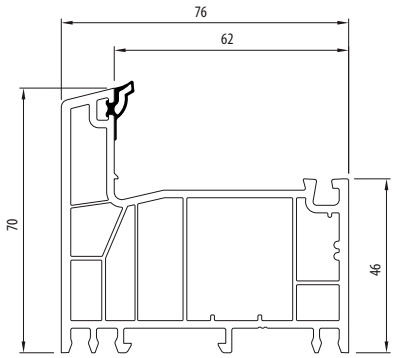
- Schemat A - przekrój poziomy
- Schéma A - coupe horizontale
- Scheme A – horizontal intersection
- Schema A – Waagerechter Querschnitt
- Schema A – intersezione orizzontale
- Schema A - horizontale doorsnede

GREENEVOLUTION FLEX

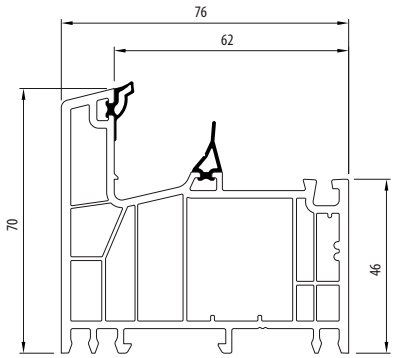


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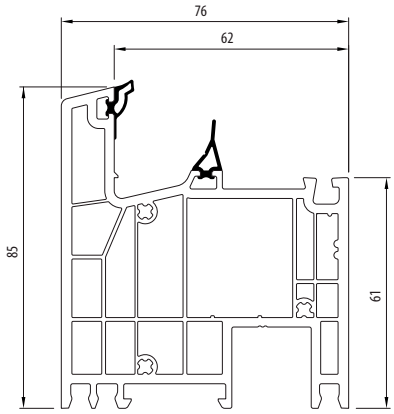




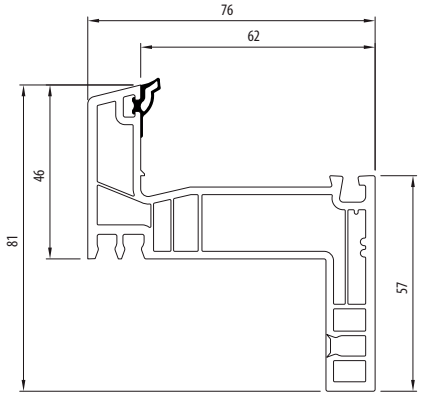
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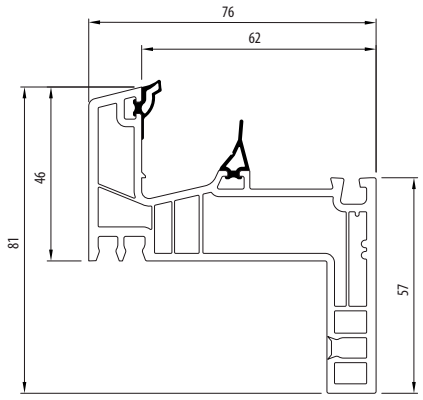
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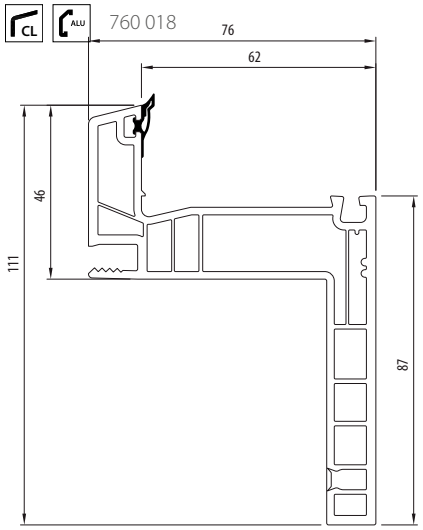
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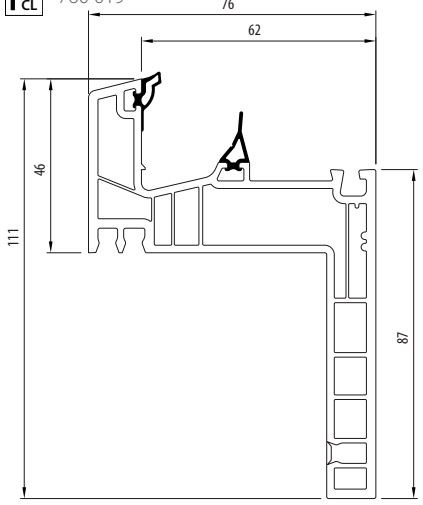
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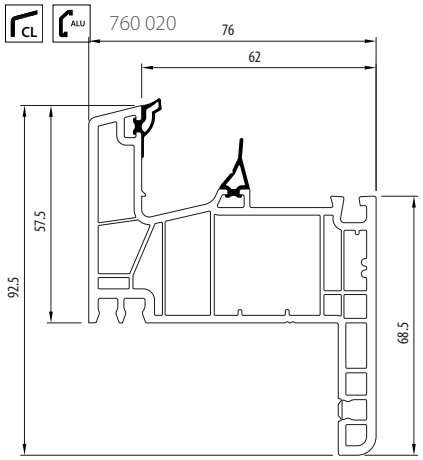
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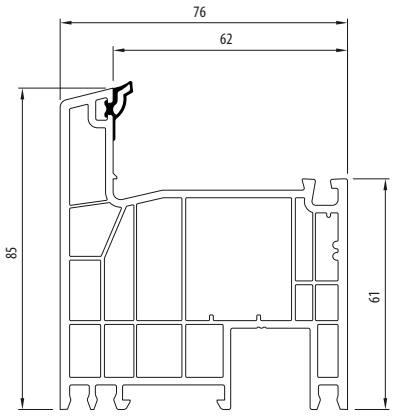
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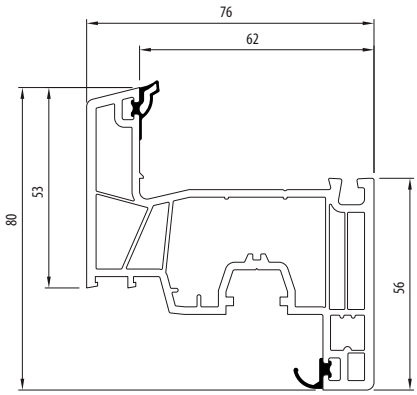
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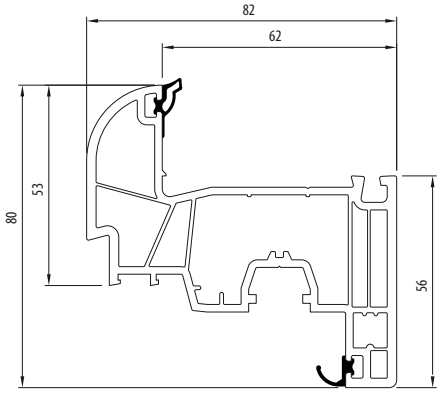
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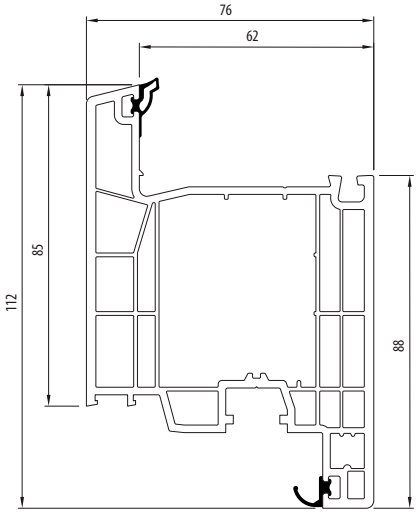
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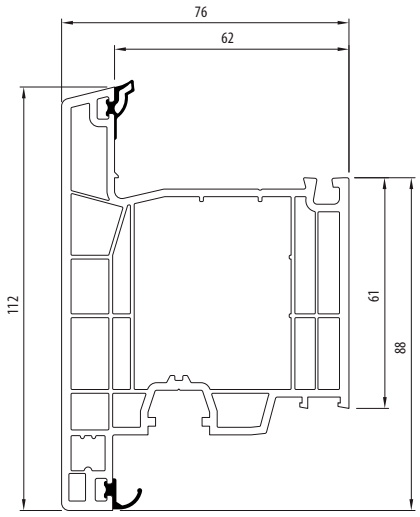


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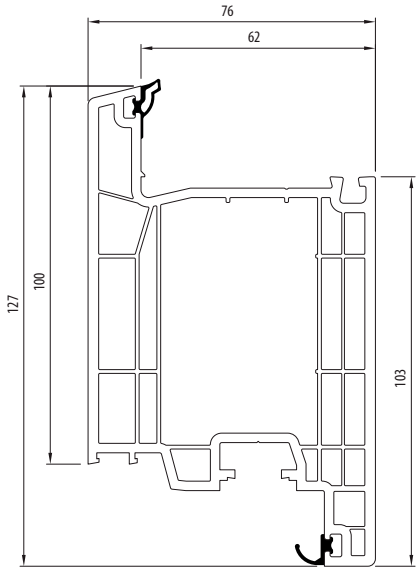


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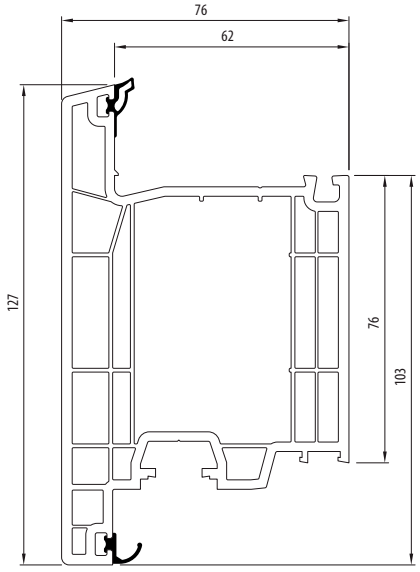
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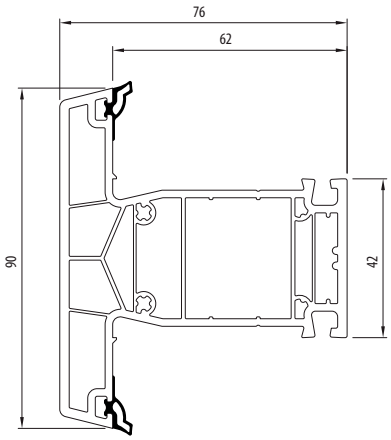
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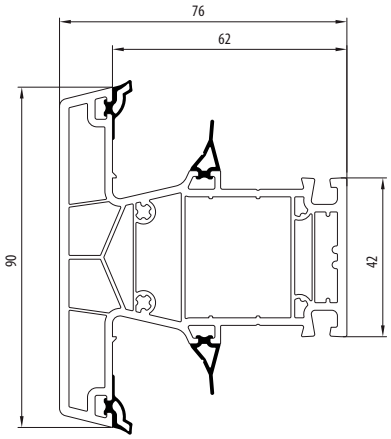
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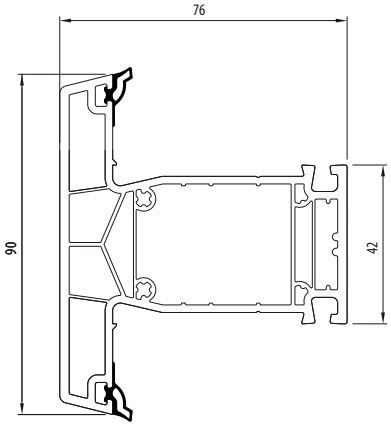
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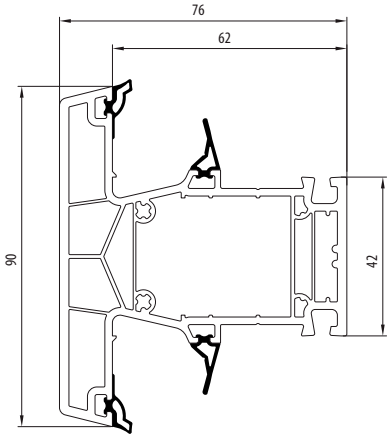
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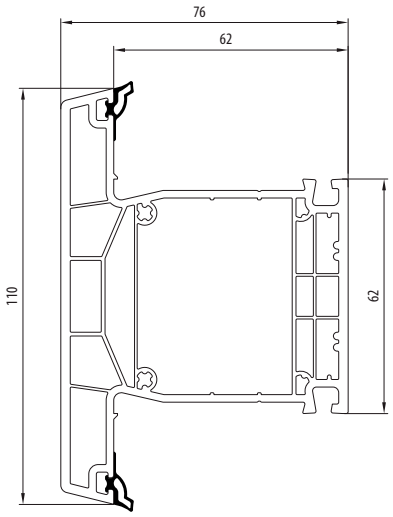
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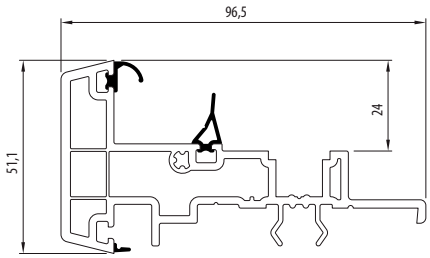
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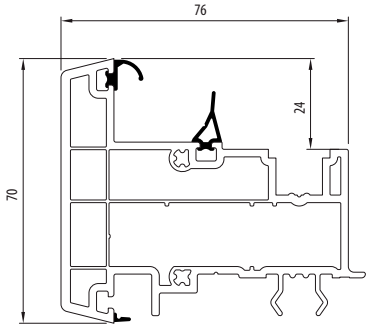
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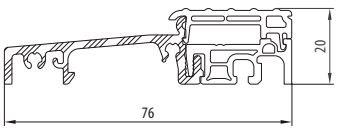
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CL 766 002



CL ALU 766 004

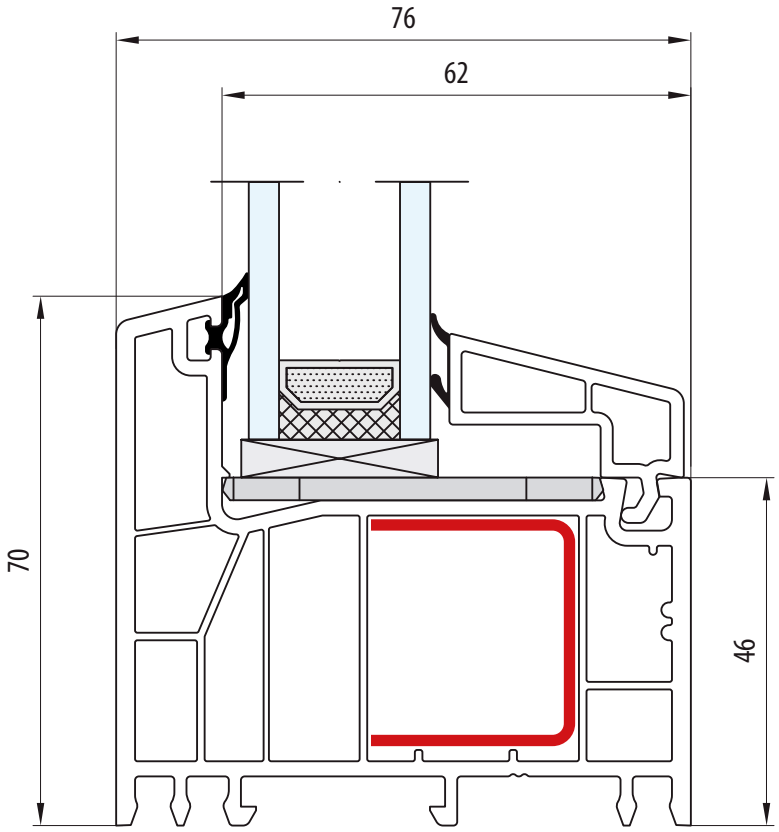


alu - 20 mm

1:2

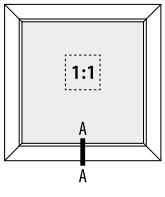
CL

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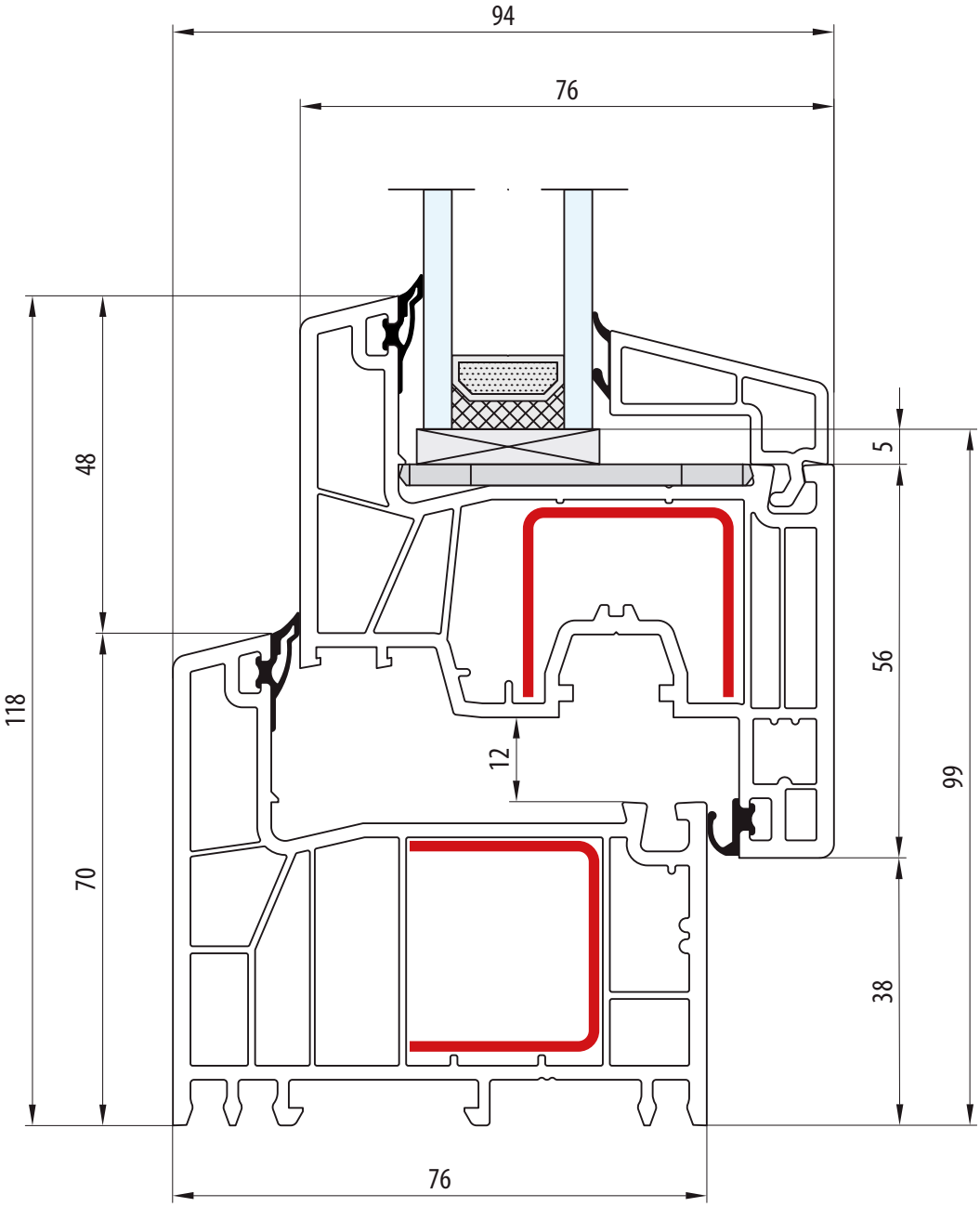
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Rama: 70 mm
Dormant: 70 mm
Frame: 70 mm
Rahmen: 70 mm
Telaio: 70 mm
Kozijn: 70 mm

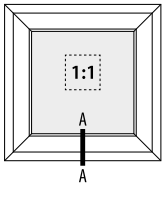


CL

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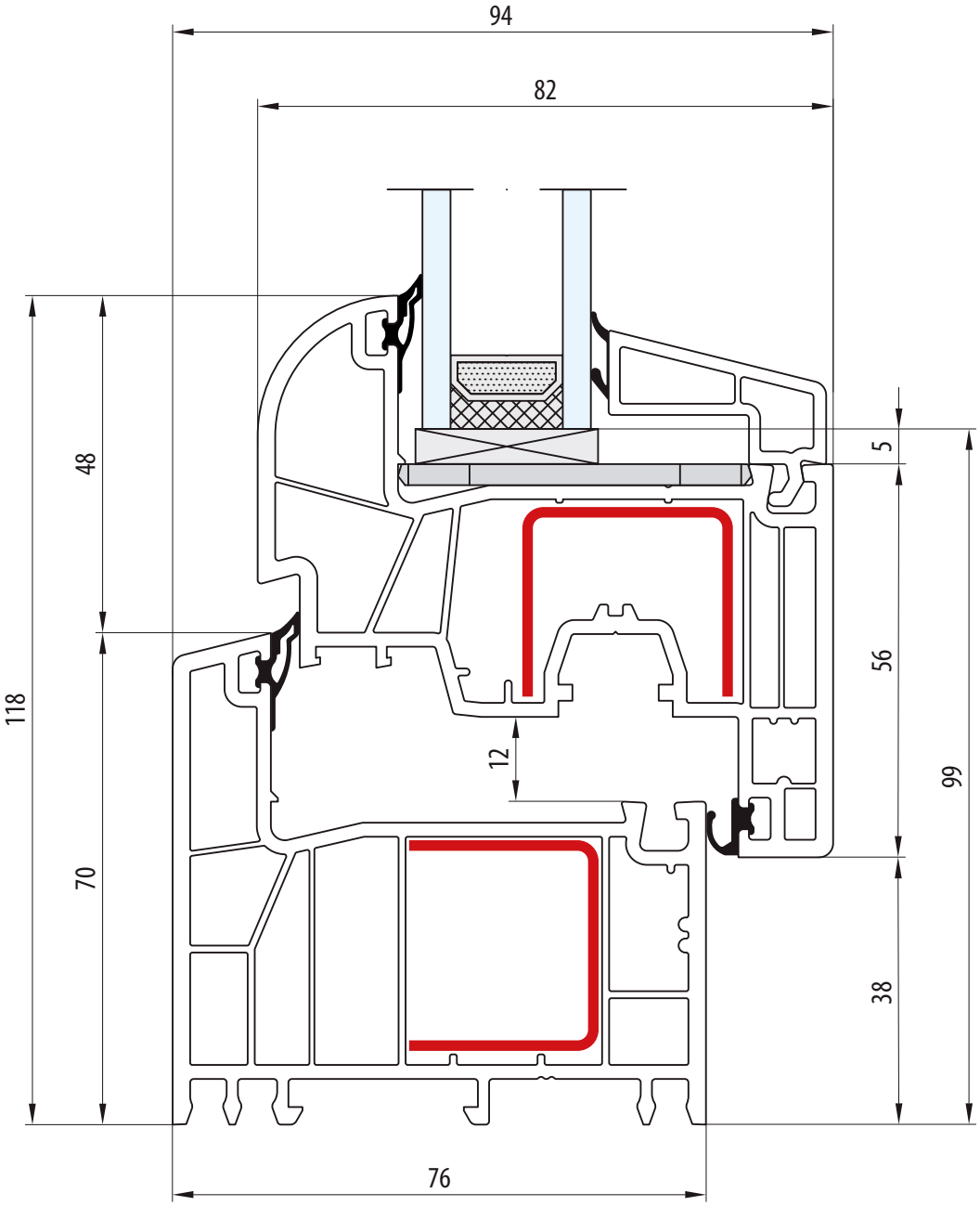


Rama: 70 mm · Skrzydło: 80 mm
Dormant: 70 mm · Vantail: 80 mm
Frame: 70 mm · Sash: 80 mm
Rahmen: 70 mm · Flügel: 80 mm
Telaio: 70 mm · Anta: 80 mm
Kozijn: 70 mm · Vleugel: 80 mm

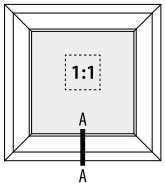


RL

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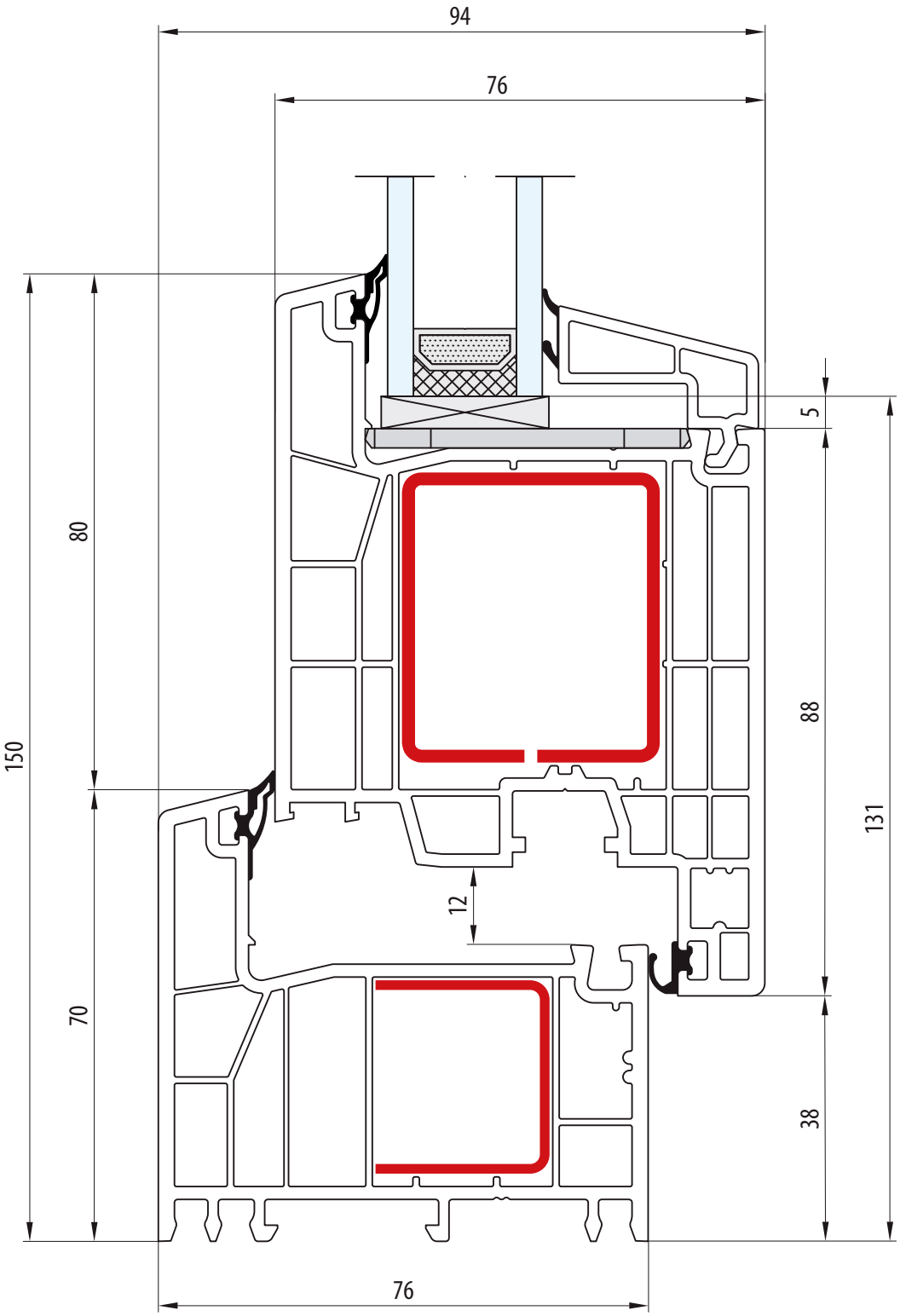


Rama: 70 mm · Skrzydło: 80 mm
Dormant: 70 mm · Vantail: 80 mm
Frame: 70 mm · Sash: 80 mm
Rahmen: 70 mm · Flügel: 80 mm
Telaio: 70 mm · Anta: 80 mm
Kozijn: 70 mm · Vleugel: 80 mm

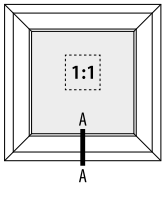


CL

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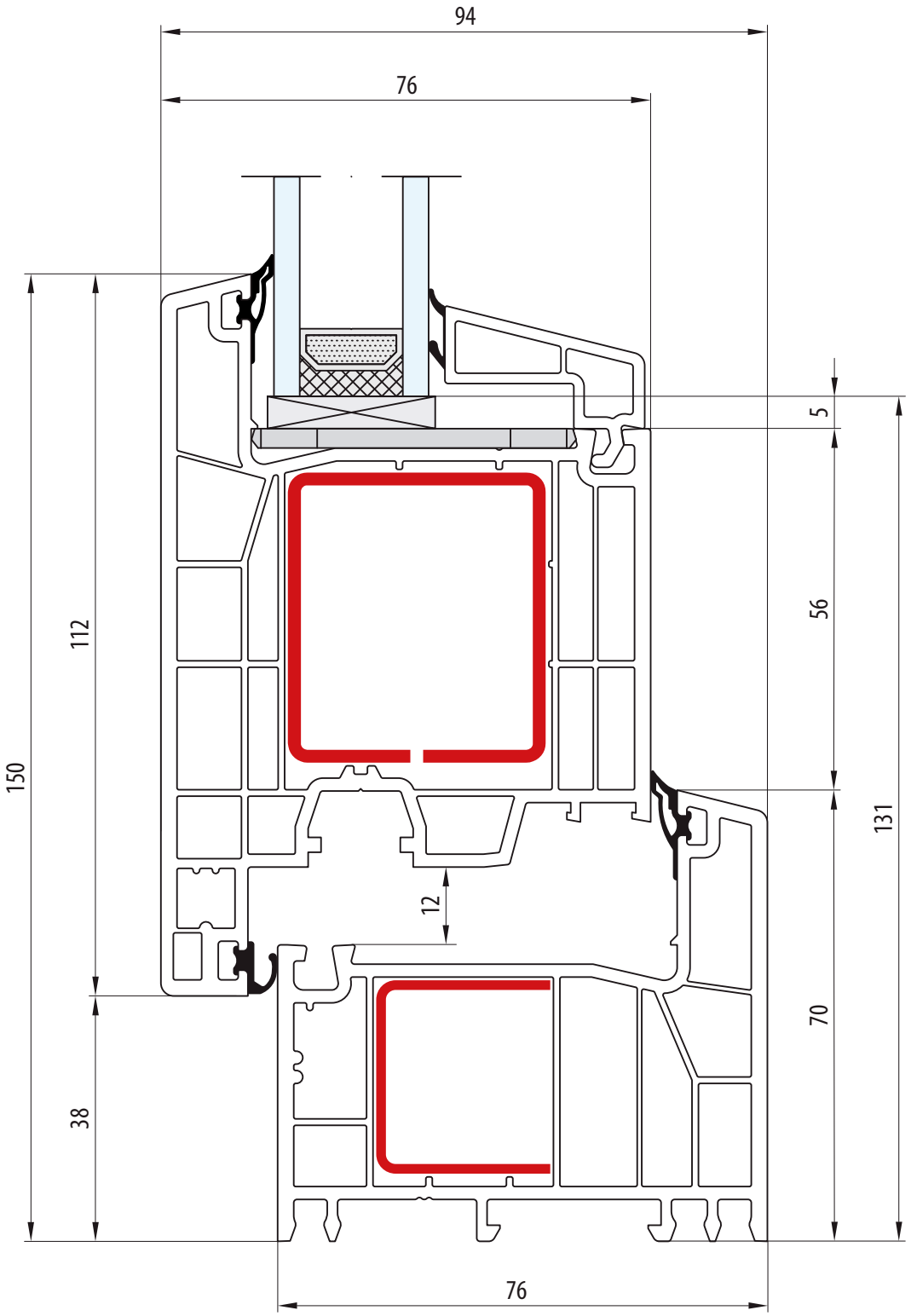


- Rama: 70 mm · Skrzydło: 112 mm
- Dormant: 70 mm · Vantail: 112 mm
- Frame: 70 mm · Sash: 112 mm
- Rahmen: 70 mm · Flügel: 112 mm
- Telaio: 70 mm · Anta: 112 mm
- Kozijn: 70 mm · Vleugel: 112 mm

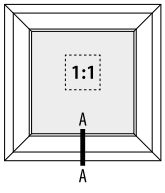


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- Rama: 70 mm · Skrzydło: 112 mm
- Dormant: 70 mm · Vantail: 112 mm
- Frame: 70 mm · Sash: 112 mm
- Rahmen: 70 mm · Flügel: 112 mm
- Telaio: 70 mm · Anta: 112 mm
- Kozijn: 70 mm · Vleugel: 112 mm







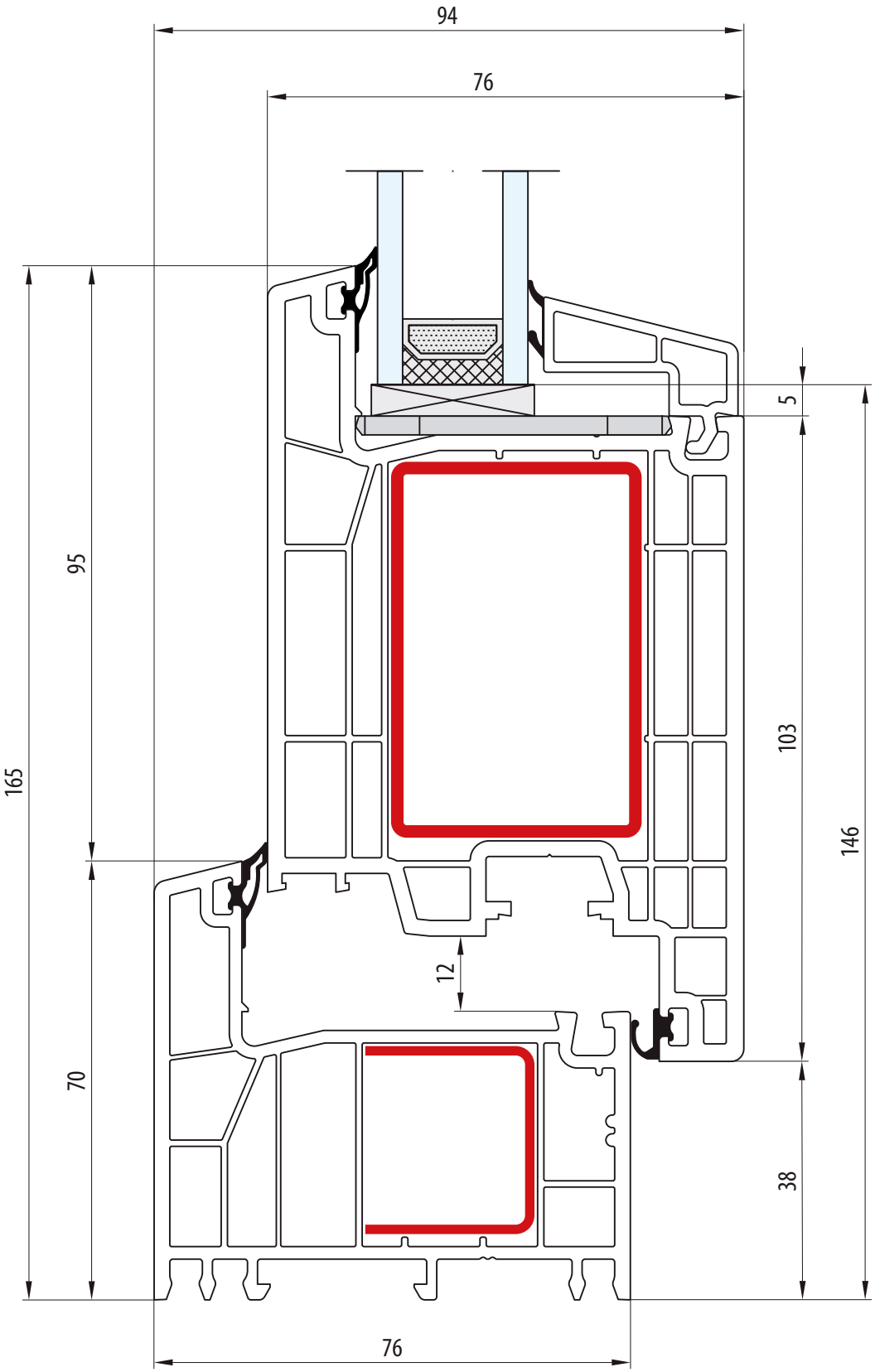
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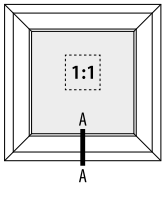
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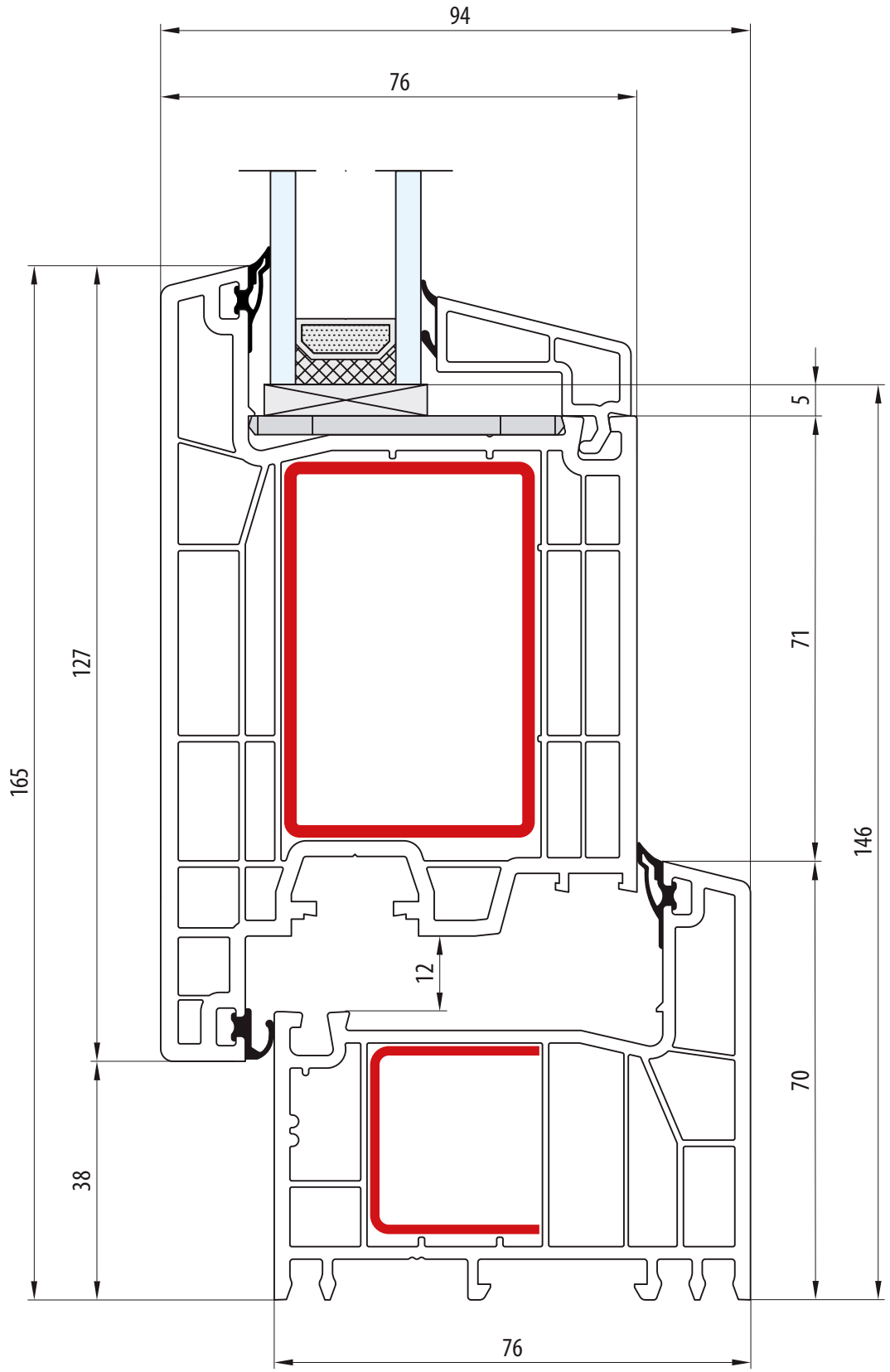


- Rama: 70 mm · Skrzydło: 127 mm
- Dormant: 70 mm · Vantail: 127 mm
- Frame: 70 mm · Sash: 127 mm
- Rahmen: 70 mm · Flügel: 127 mm
- Telaio: 70 mm · Anta: 127 mm
- Kozijn: 70 mm · Vleugel: 127 mm

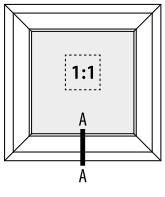


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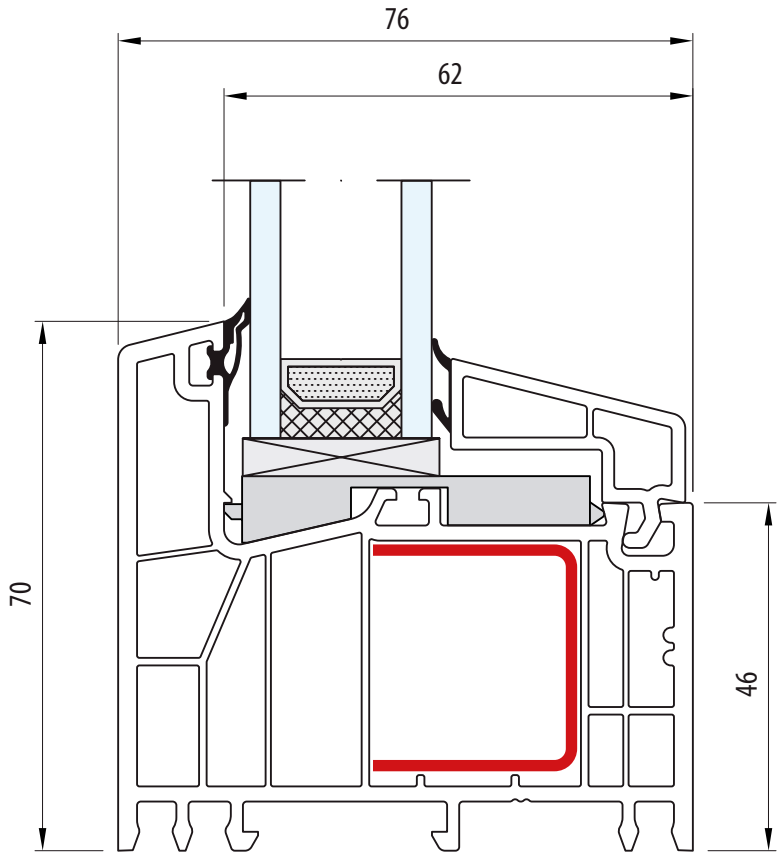


Rama: 68 mm · Skrzydło: 130 mm
Dormant: 68 mm · Vantail: 130 mm
Frame: 68 mm · Sash: 130 mm
Rahmen: 68 mm · Flügel: 130 mm
Telaio: 68 mm · Anta: 130 mm
Kozijn: 68 mm · Vleugel: 130 mm

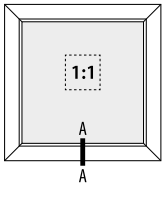


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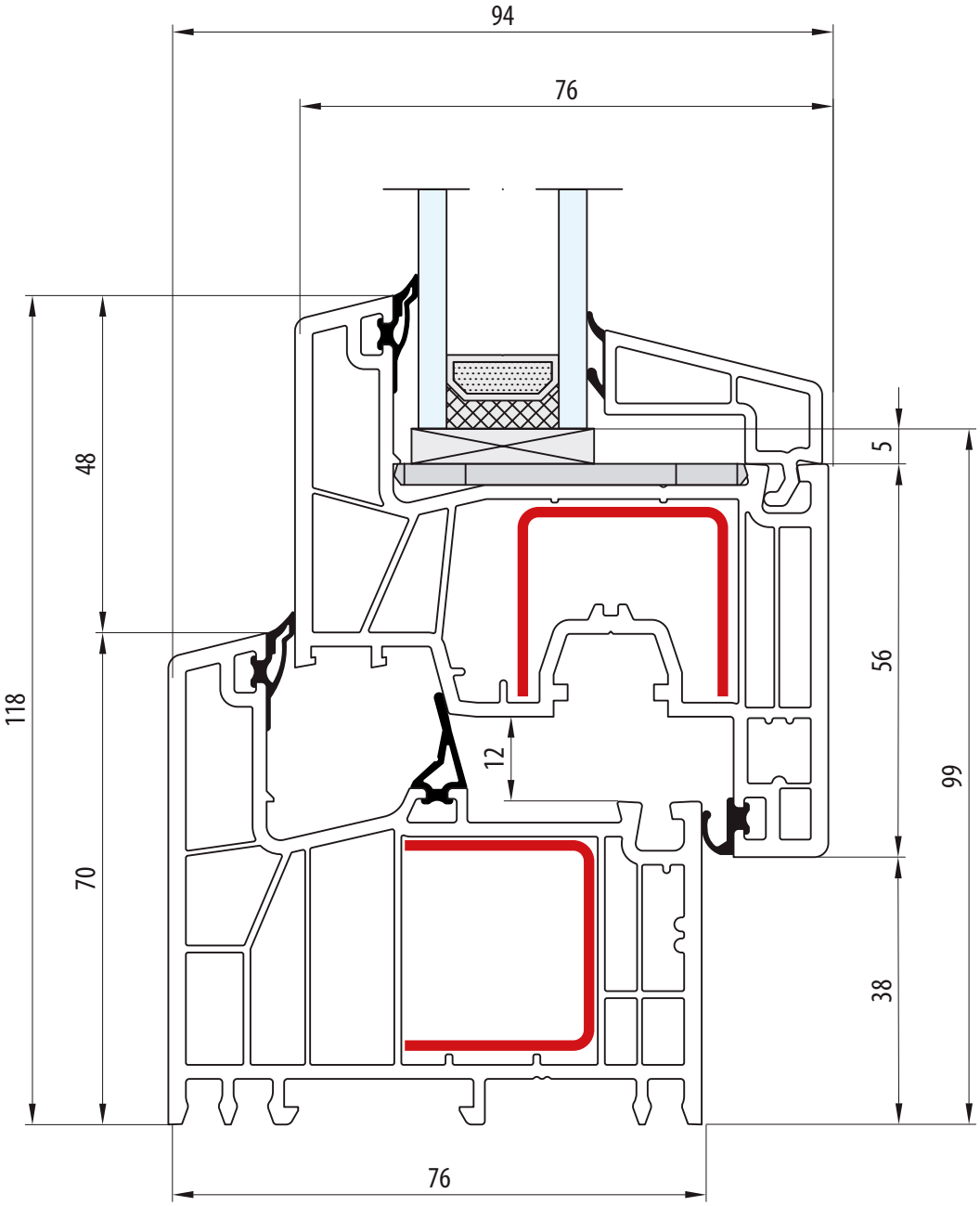


Rama: 70 mm
Dormant: 70 mm
Frame: 70 mm
Rahmen: 70 mm
Telaio: 70 mm
Kozijn: 70 mm

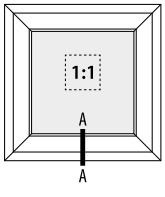


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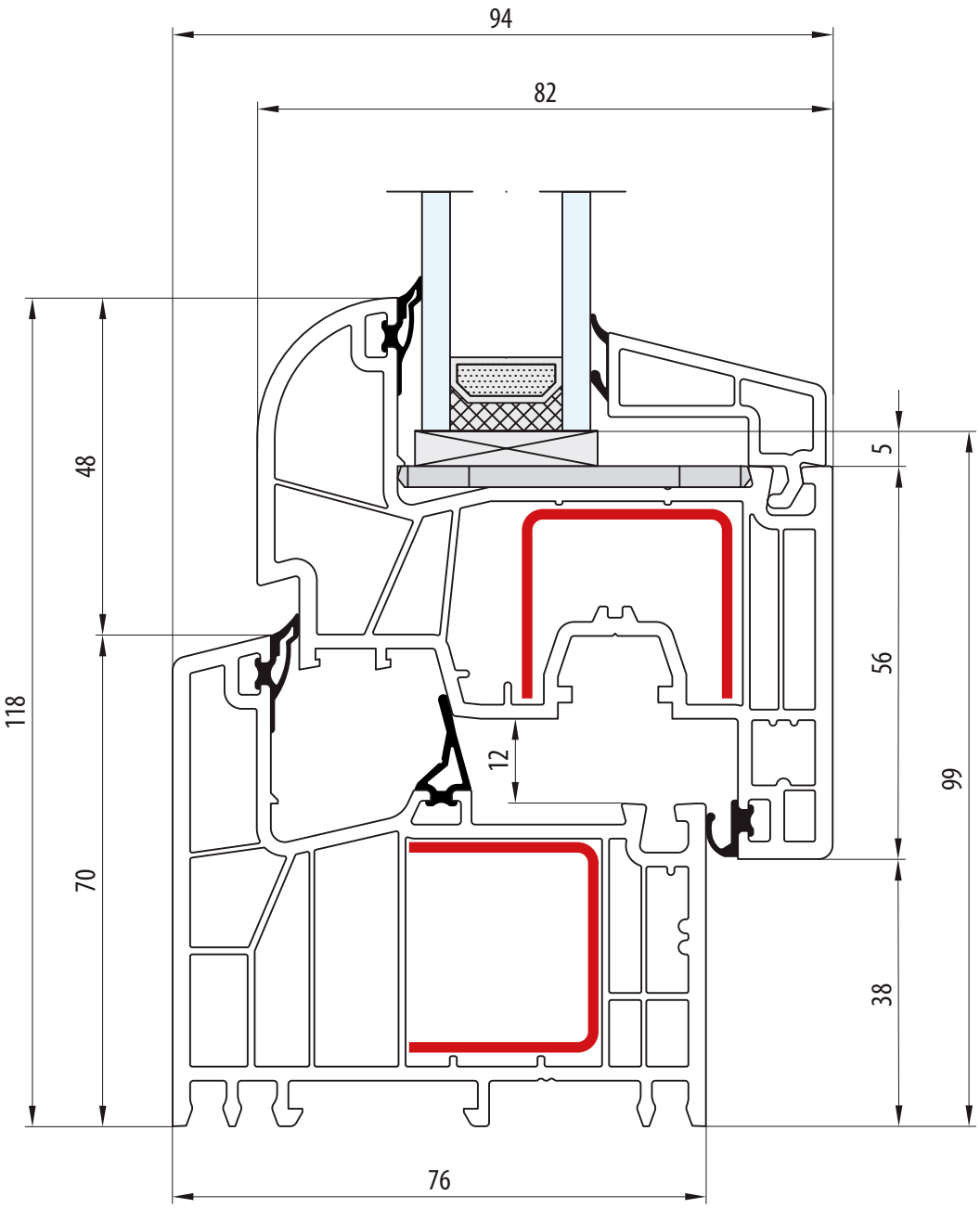


- Rama: 70 mm · Skrzydło: 80 mm
- Dormant: 70 mm · Vantail: 80 mm
- Frame: 70 mm · Sash: 80 mm
- Rahmen: 70 mm · Flügel: 80 mm
- Telaio: 70 mm · Anta: 80 mm
- Kozijn: 70 mm · Vleugel: 80 mm

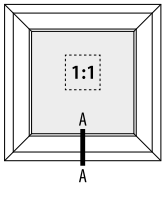


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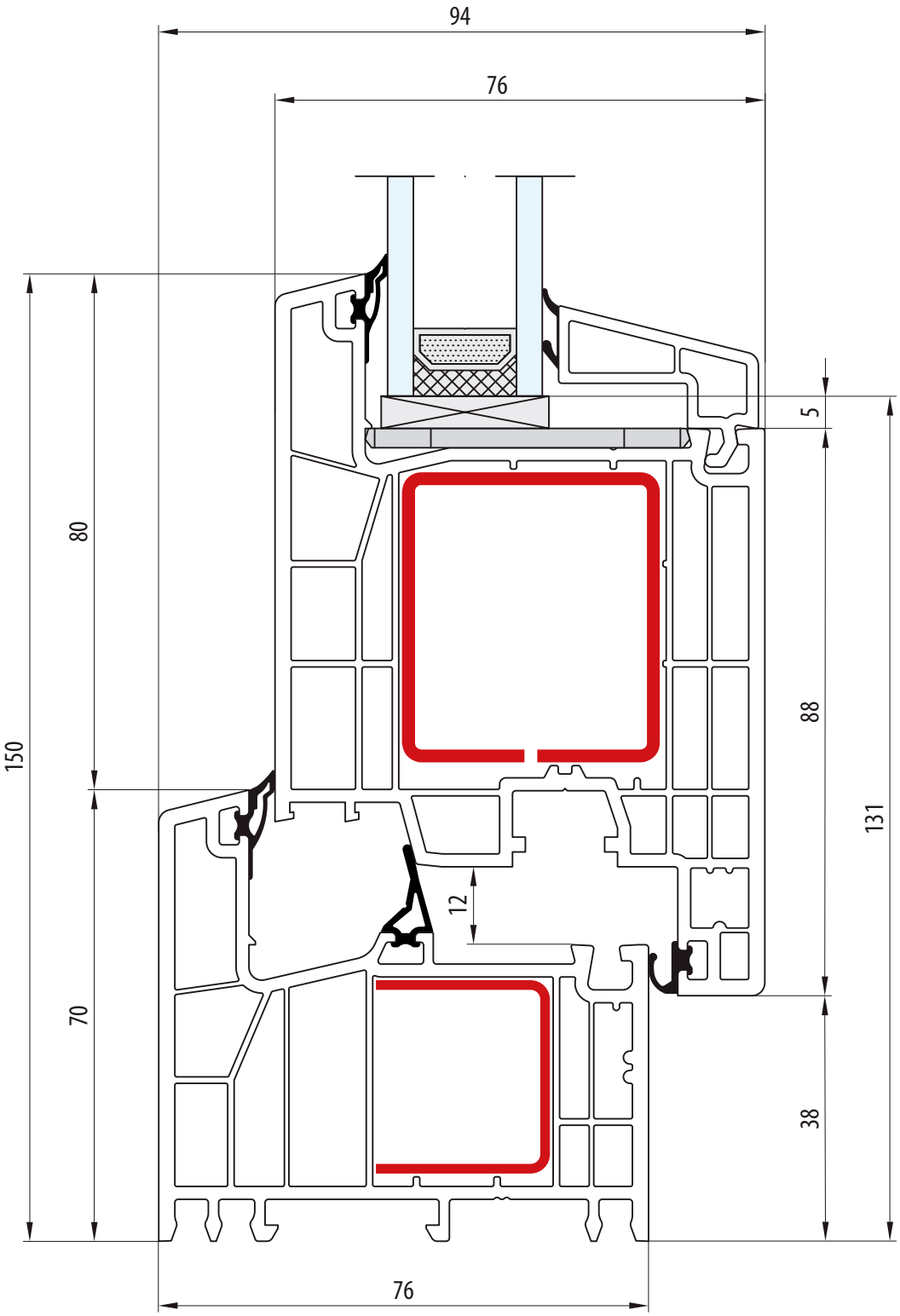


- Rama: 70 mm · Skrzydło: 80 mm
- Dormant: 70 mm · Vantail: 80 mm
- Frame: 70 mm · Sash: 80 mm
- Rahmen: 70 mm · Flügel: 80 mm
- Telaio: 70 mm · Anta: 80 mm
- Kozijn: 70 mm · Vleugel: 80 mm

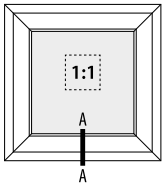


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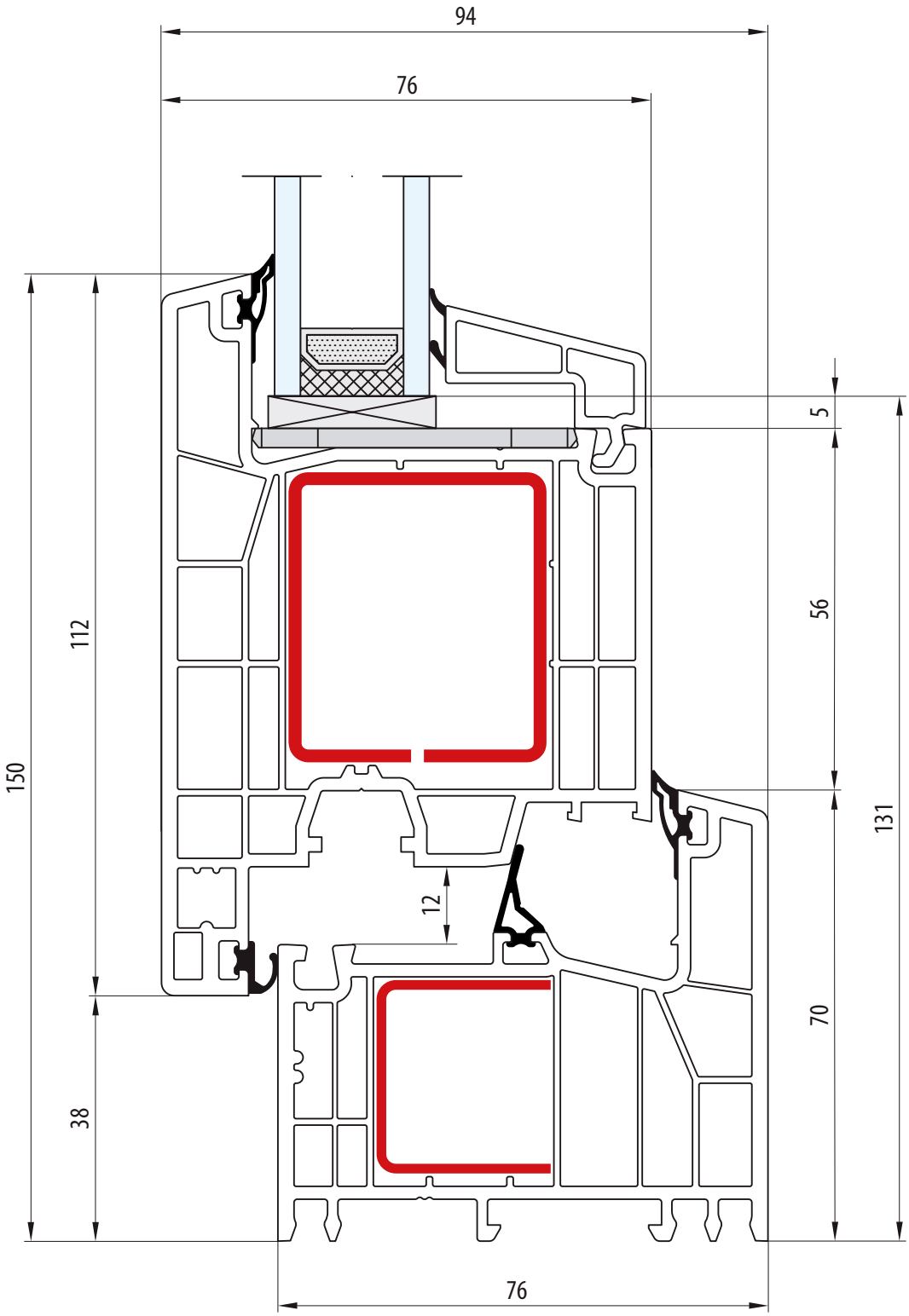


Rama: 70 mm · Skrzydło: 112 mm
Dormant: 70 mm · Vantail: 112 mm
Frame: 70 mm · Sash: 112 mm
Rahmen: 70 mm · Flügel: 112 mm
Telaio: 70 mm · Anta: 112 mm
Kozijn: 70 mm · Vleugel: 112 mm

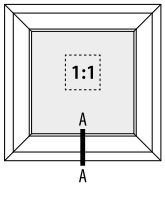


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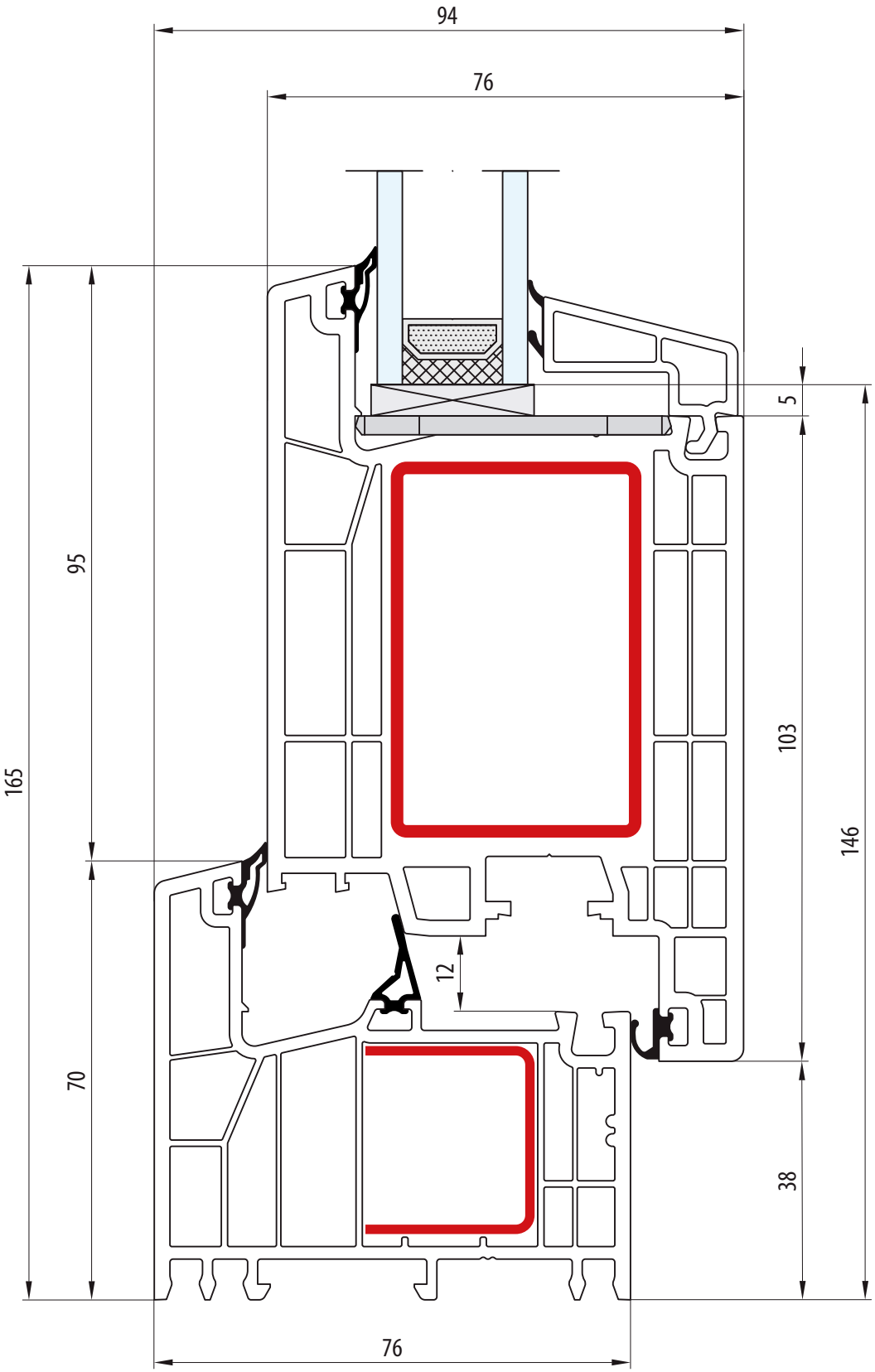


- Rama: 70 mm · Skrzydło: 112 mm
- Dormant: 70 mm · Vantail: 112 mm
- Frame: 70 mm · Sash: 112 mm
- Rahmen: 70 mm · Flügel: 112 mm
- Telaio: 70 mm · Anta: 112 mm
- Kozijn: 70 mm · Vleugel: 112 mm

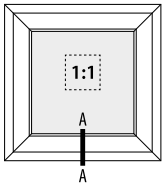


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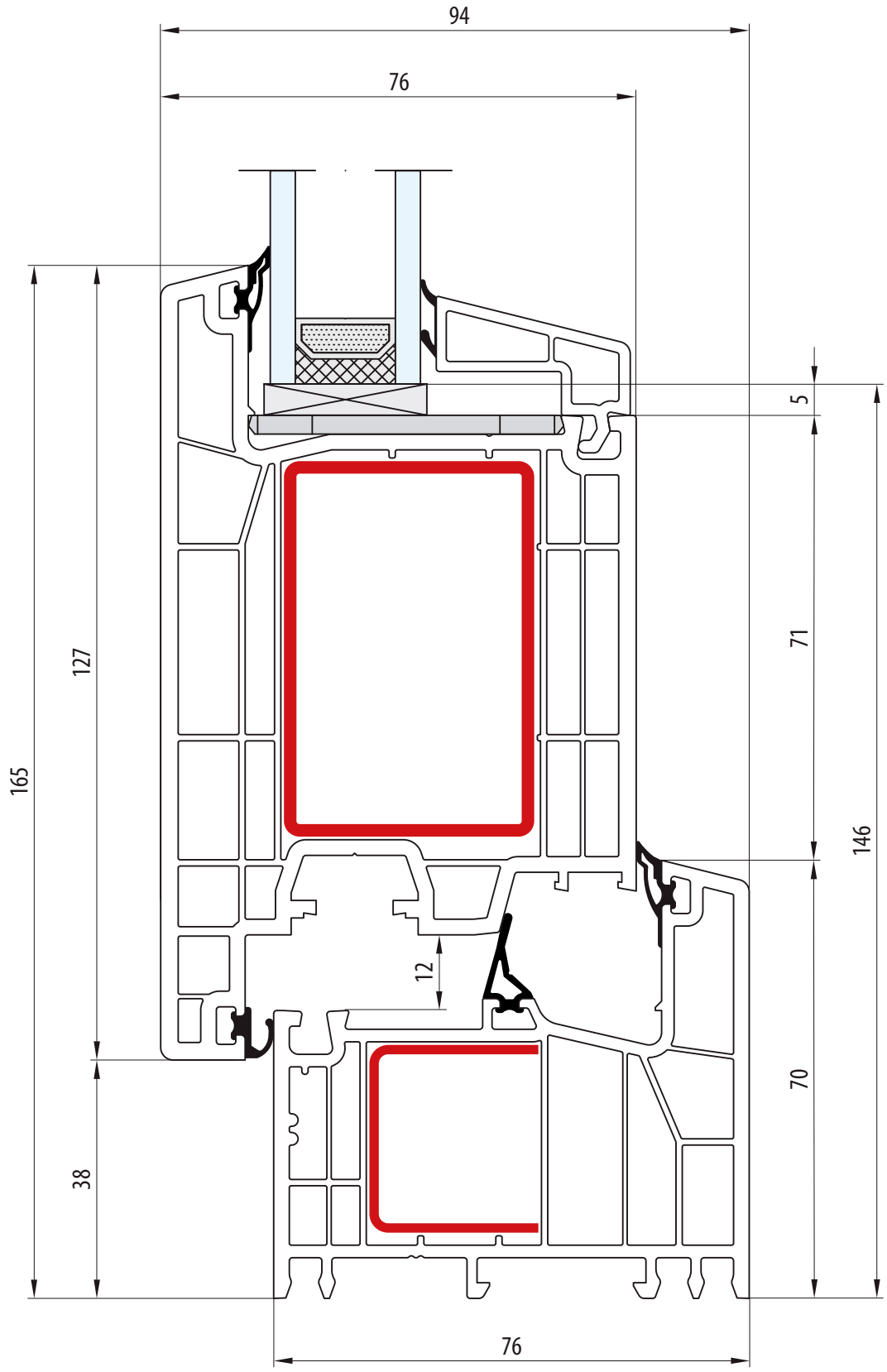


Rama: 70 mm · Skrzydło: 127 mm
Dormant: 70 mm · Vantail: 127 mm
Frame: 70 mm · Sash: 127 mm
Rahmen: 70 mm · Flügel: 127 mm
Telaio: 70 mm · Anta: 127 mm
Kozijn: 70 mm · Vleugel: 127 mm

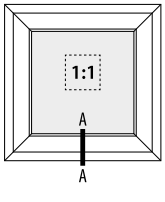


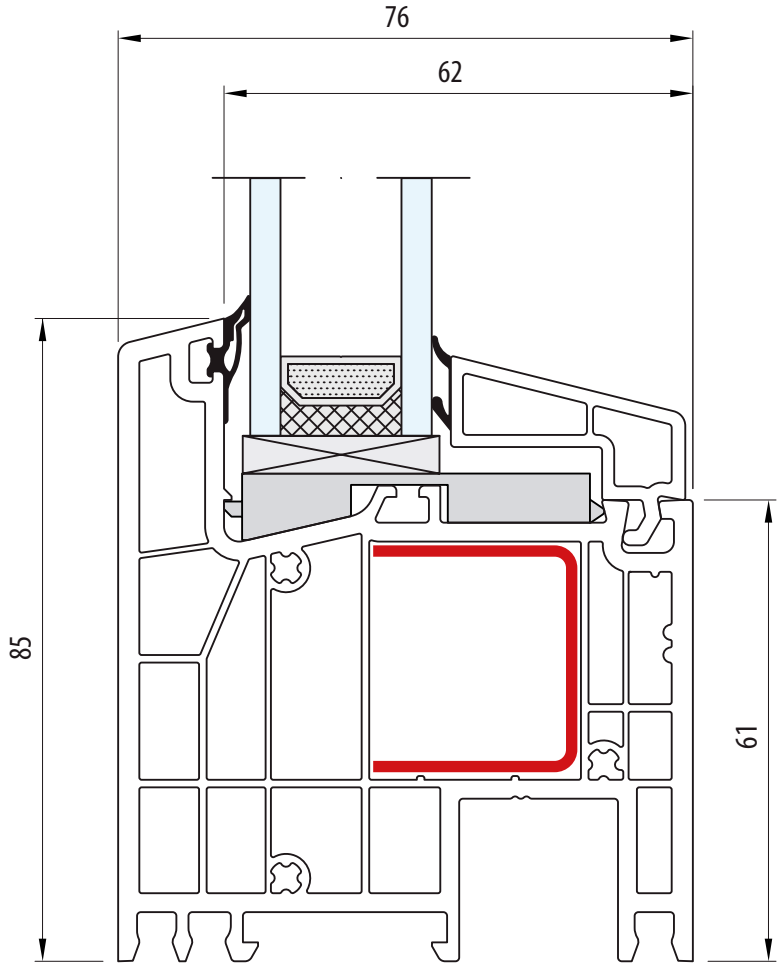
CL

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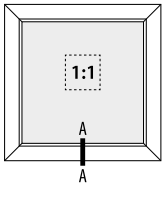


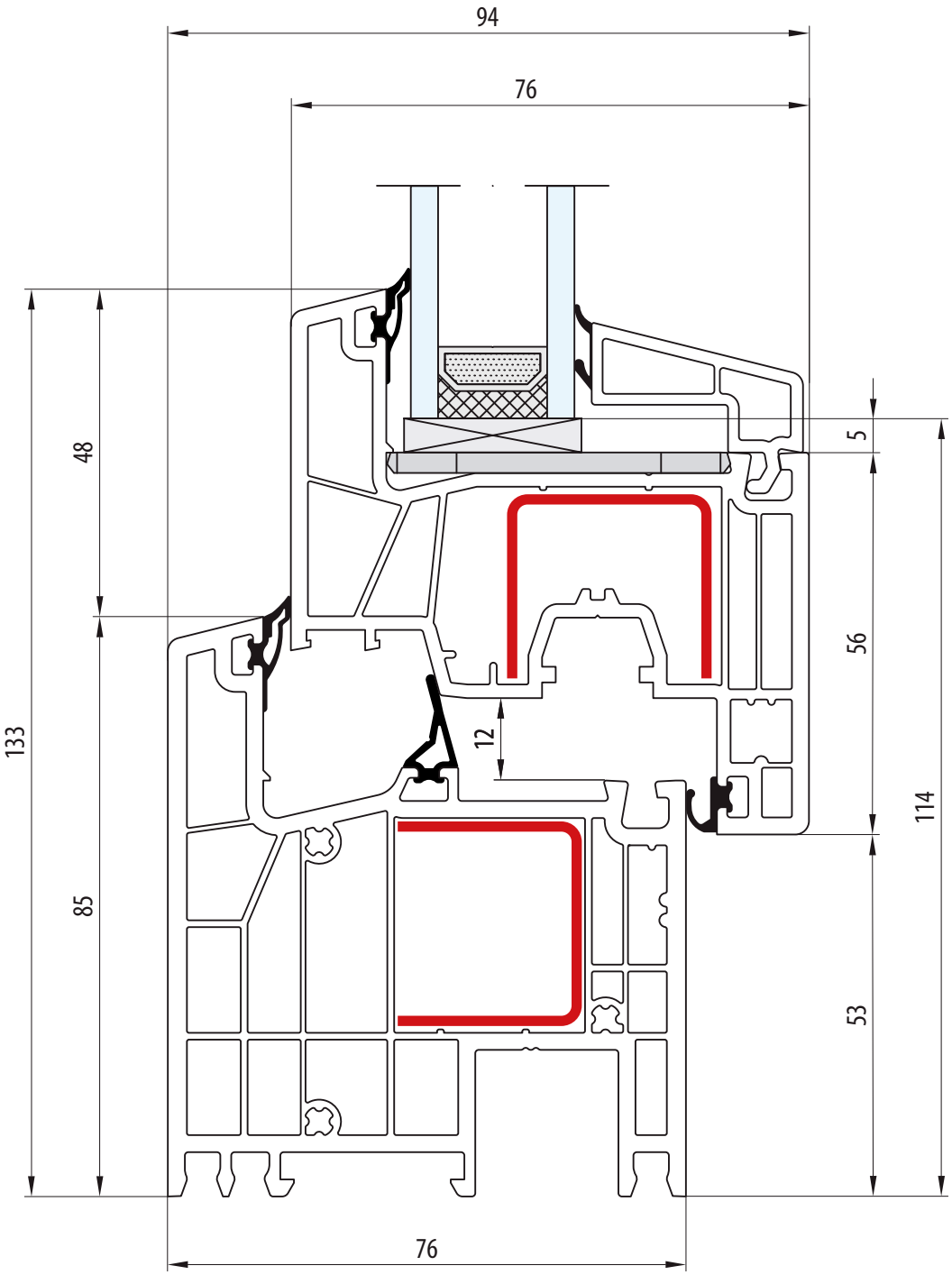
- Rama: 70 mm · Skrzydło: 127 mm
- Dormant: 70 mm · Vantail: 127 mm
- Frame: 70 mm · Sash: 127 mm
- Rahmen: 70 mm · Flügel: 127 mm
- Telaio: 70 mm · Anta: 127 mm
- Kozijn: 70 mm · Vleugel: 127 mm



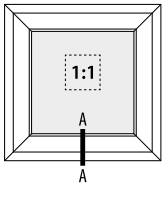


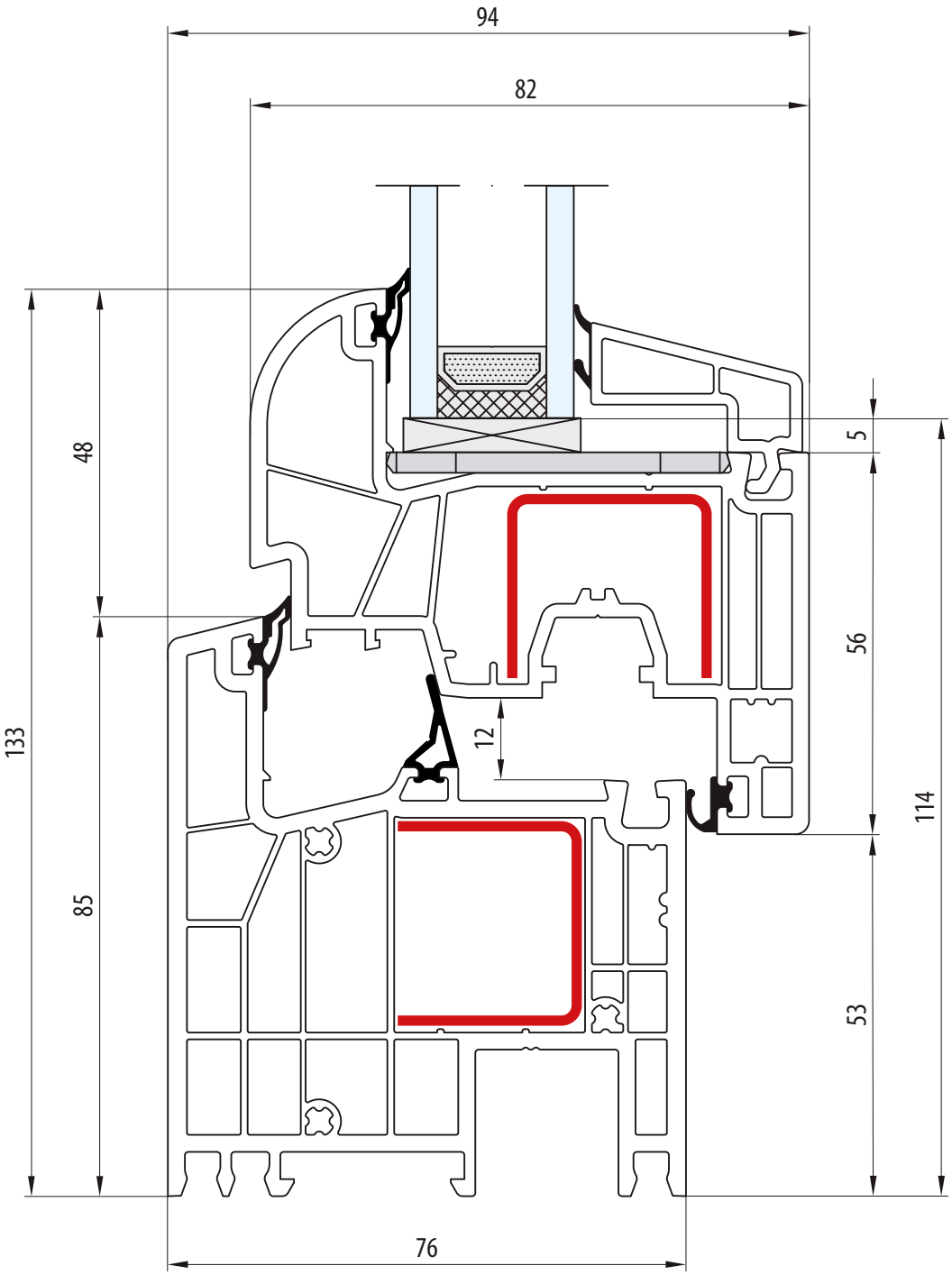
- Rama: 85 mm
- Dormant: 85 mm
- Frame: 85 mm
- Rahmen: 85 mm
- Telaio: 85 mm
- Kozijn: 85 mm



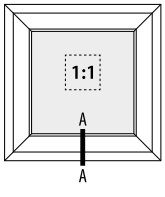


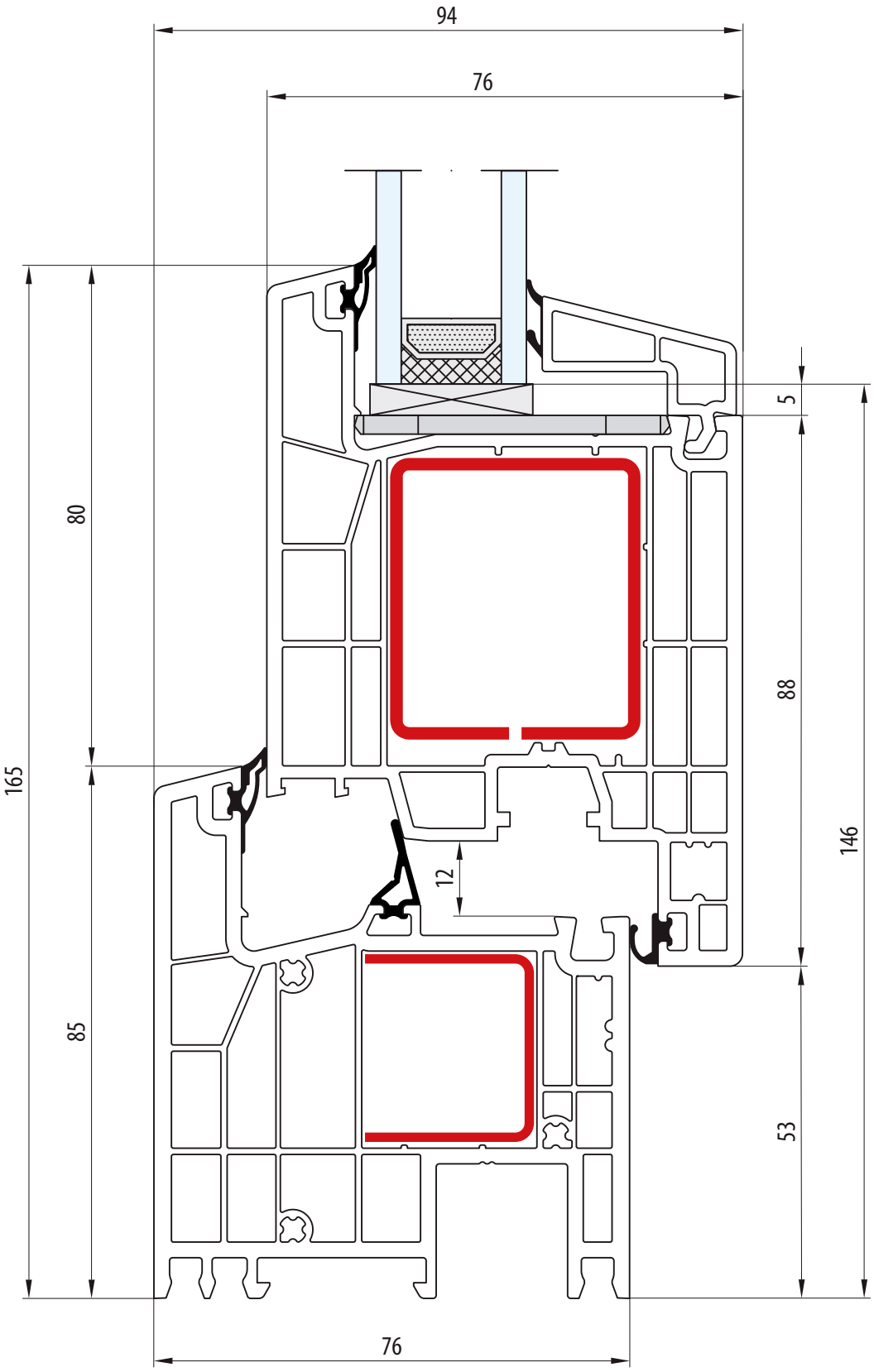
Rama: 85 mm · Skrzydło: 80 mm
Dormant: 85 mm · Vantail: 80 mm
Frame: 85 mm · Sash: 80 mm
Rahmen: 85 mm · Flügel: 80 mm
Telaio: 85 mm · Anta: 80 mm
Kozijn: 85 mm · Vleugel: 80 mm



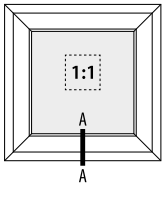


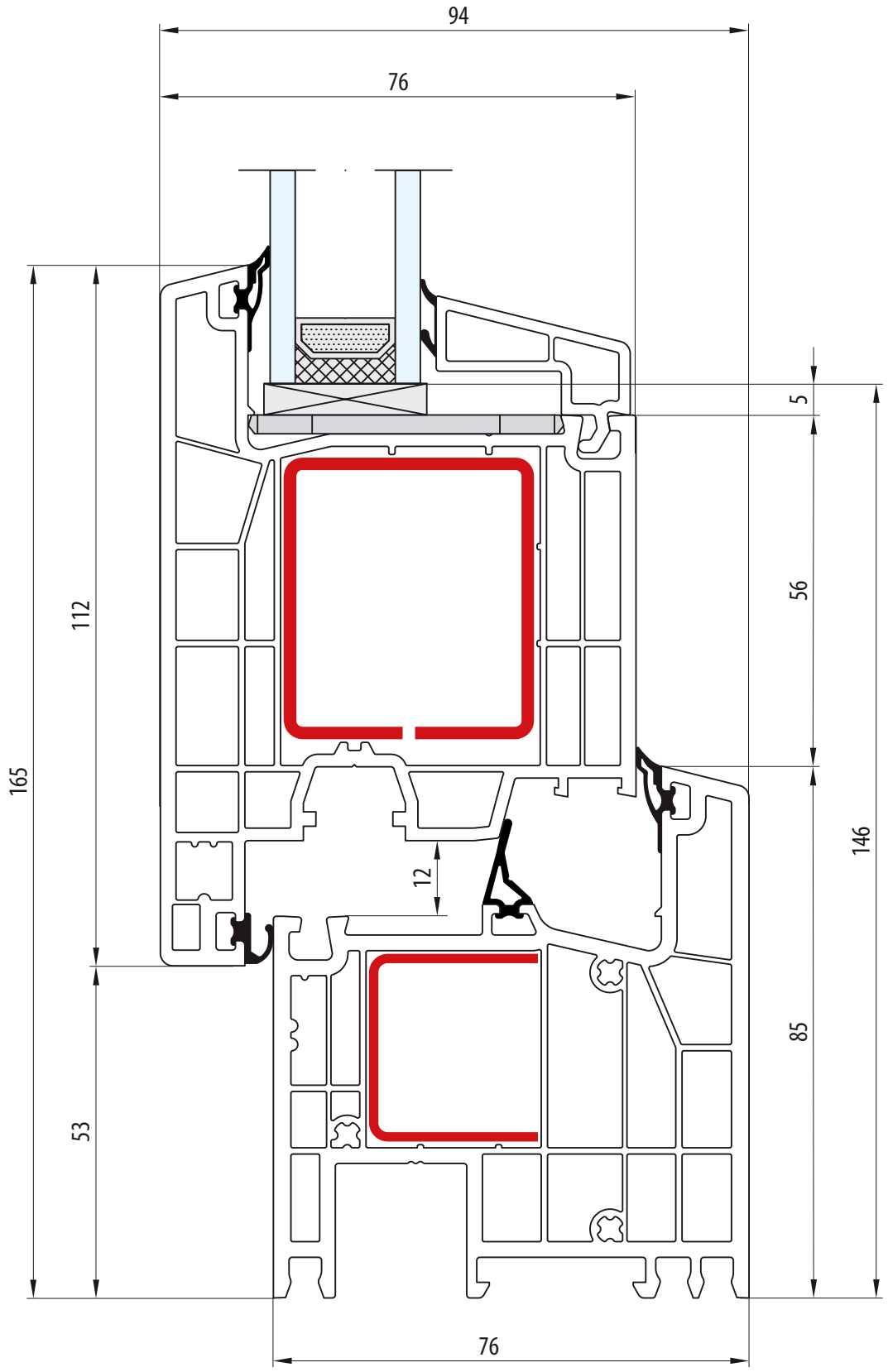
Rama: 85 mm · Skrzydło: 80 mm
Dormant: 85 mm · Vantail: 80 mm
Frame: 85 mm · Sash: 80 mm
Rahmen: 85 mm · Flügel: 80 mm
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Kozijn: 85 mm · Vleugel: 80 mm



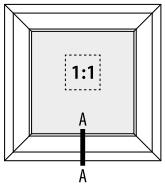


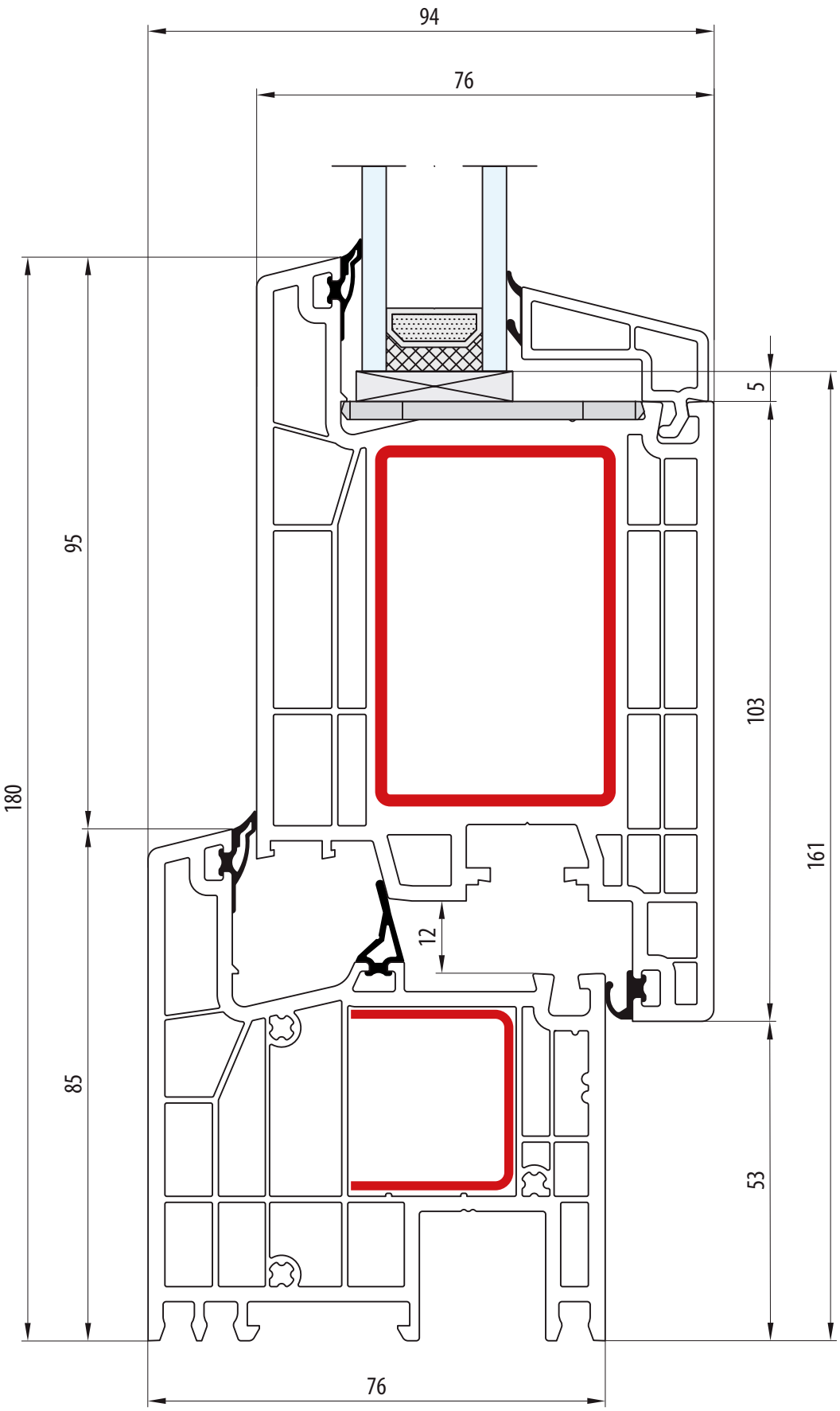
Rama: 85 mm · Skrzydło: 112 mm
Dormant: 85 mm · Vantail: 112 mm
Frame: 85 mm · Sash: 112 mm
Rahmen: 85 mm · Flügel: 112 mm
Telaio: 85 mm · Anta: 112 mm
Kozijn: 85 mm · Vleugel: 112 mm



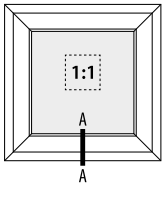


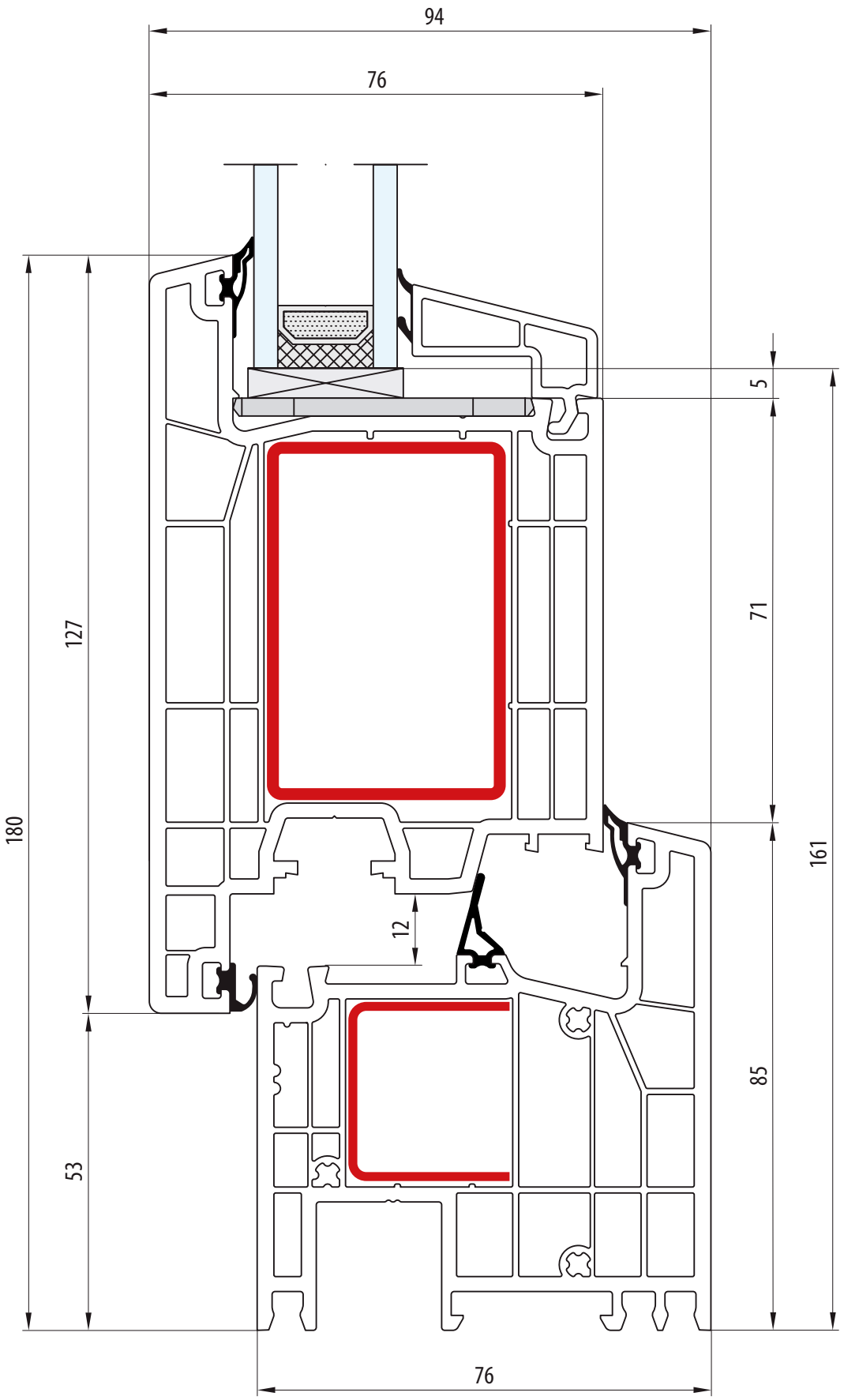
Rama: 85 mm · Skrzydło: 112 mm
Dormant: 85 mm · Vantail: 112 mm
Frame: 85 mm · Sash: 112 mm
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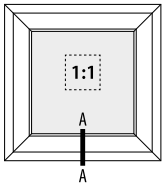


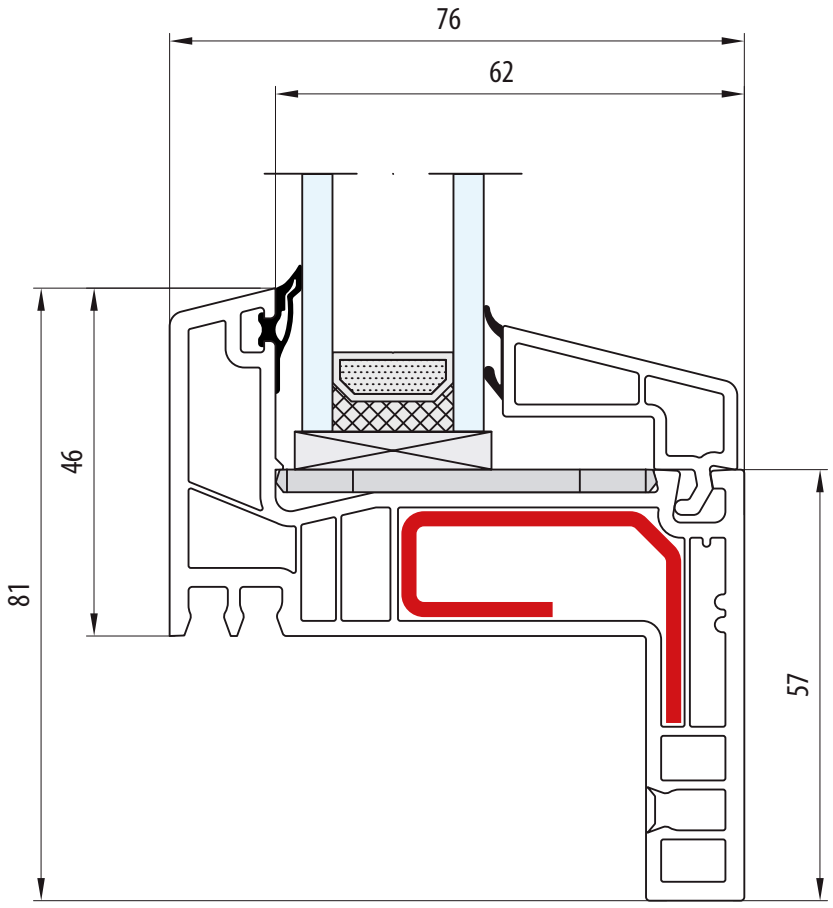
- Rama: 85 mm · Skrzydło: 127 mm
- Dormant: 85 mm · Vantail: 127 mm
- Frame: 85 mm · Sash: 127 mm
- Rahmen: 85 mm · Flügel: 127 mm
- Telaio: 85 mm · Anta: 127 mm
- Kozijn: 85 mm · Vleugel: 127 mm



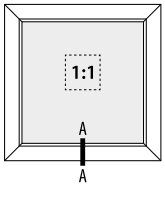


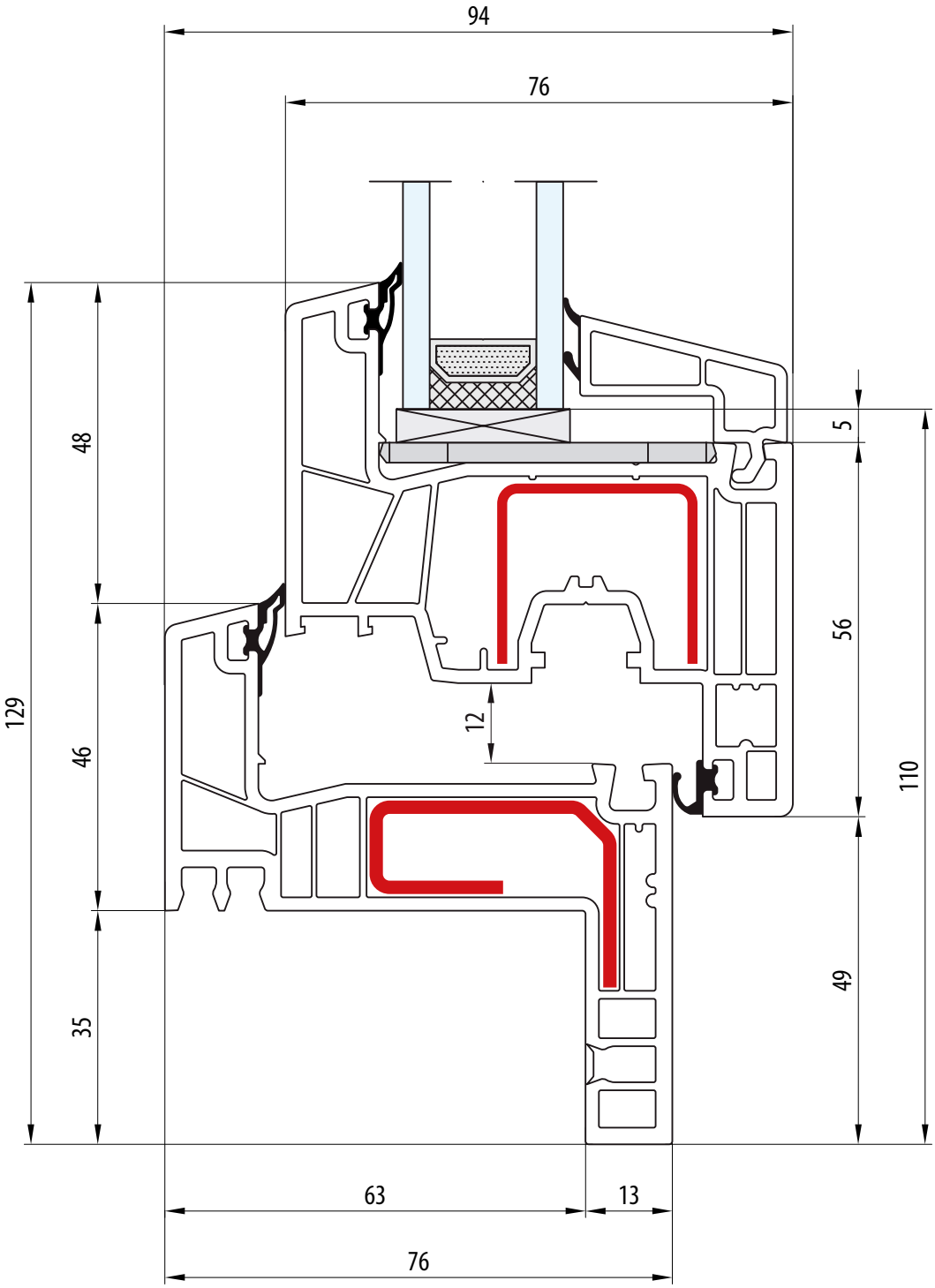
- Rama: 85 mm · Skrzydło: 127 mm
- Dormant: 85 mm · Vantail: 127 mm
- Frame: 85 mm · Sash: 127 mm
- Rahmen: 85 mm · Flügel: 127 mm
- Telaio: 85 mm · Anta: 127 mm
- Kozijn: 85 mm · Vleugel: 127 mm



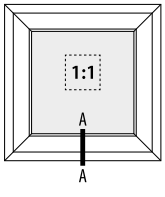


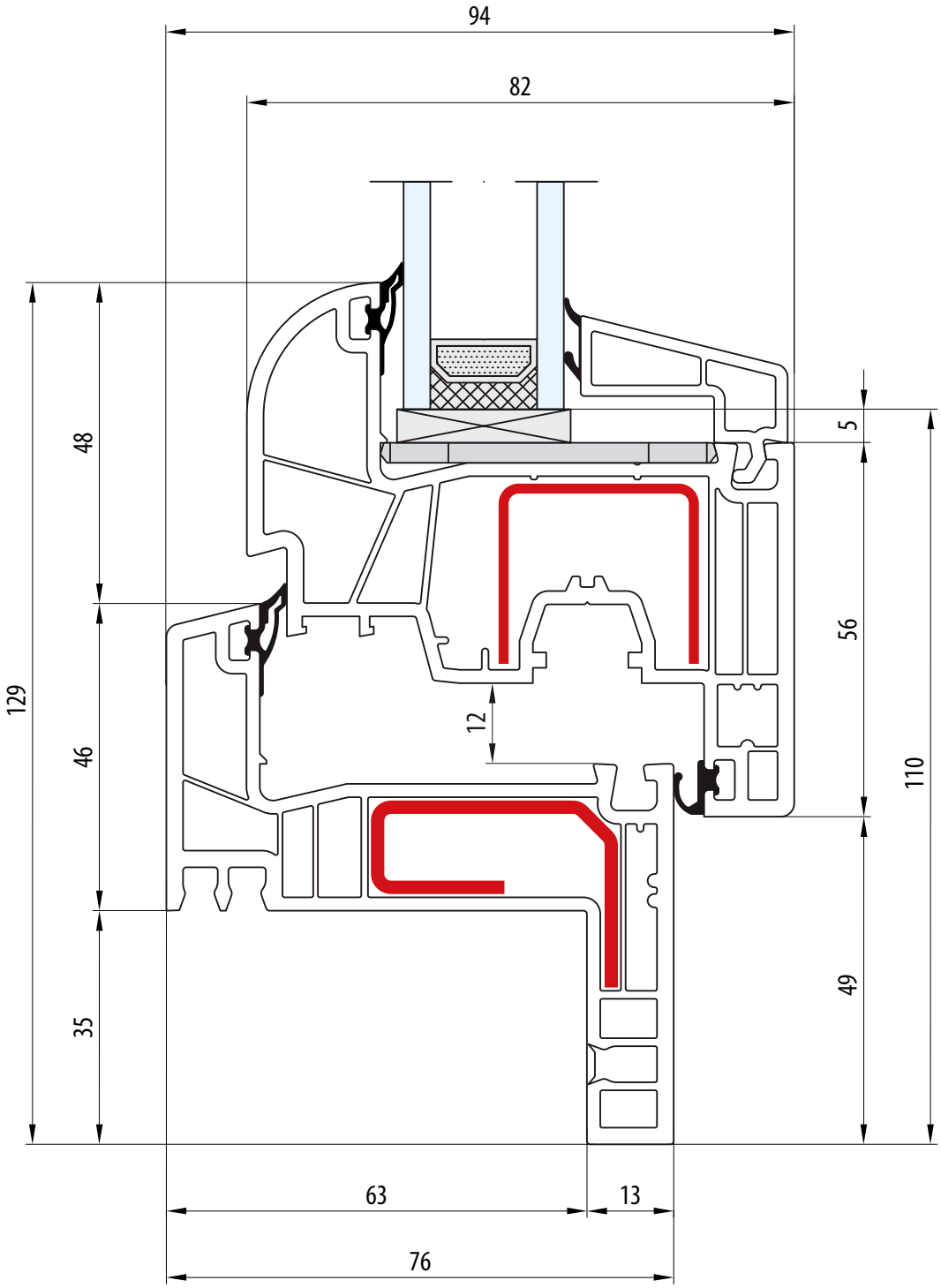
RENOWACJA - Płetwa: 35 mm · Rama: 46 mm
RÉNOVATION - Lip: 35 mm · Dormant: 46 mm
RENOVATION - Strip: 35 mm · Frame: 46 mm
RENOVIERUNG - Flosse: 35 mm · Rahmen: 46 mm
RINNOVAZIONE - Aletta da: 35 mm · Telaio: 46 mm
RENOVATIE - Vin: 35 mm · Kozijn: 46 mm



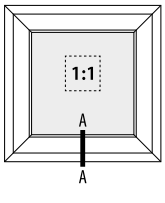


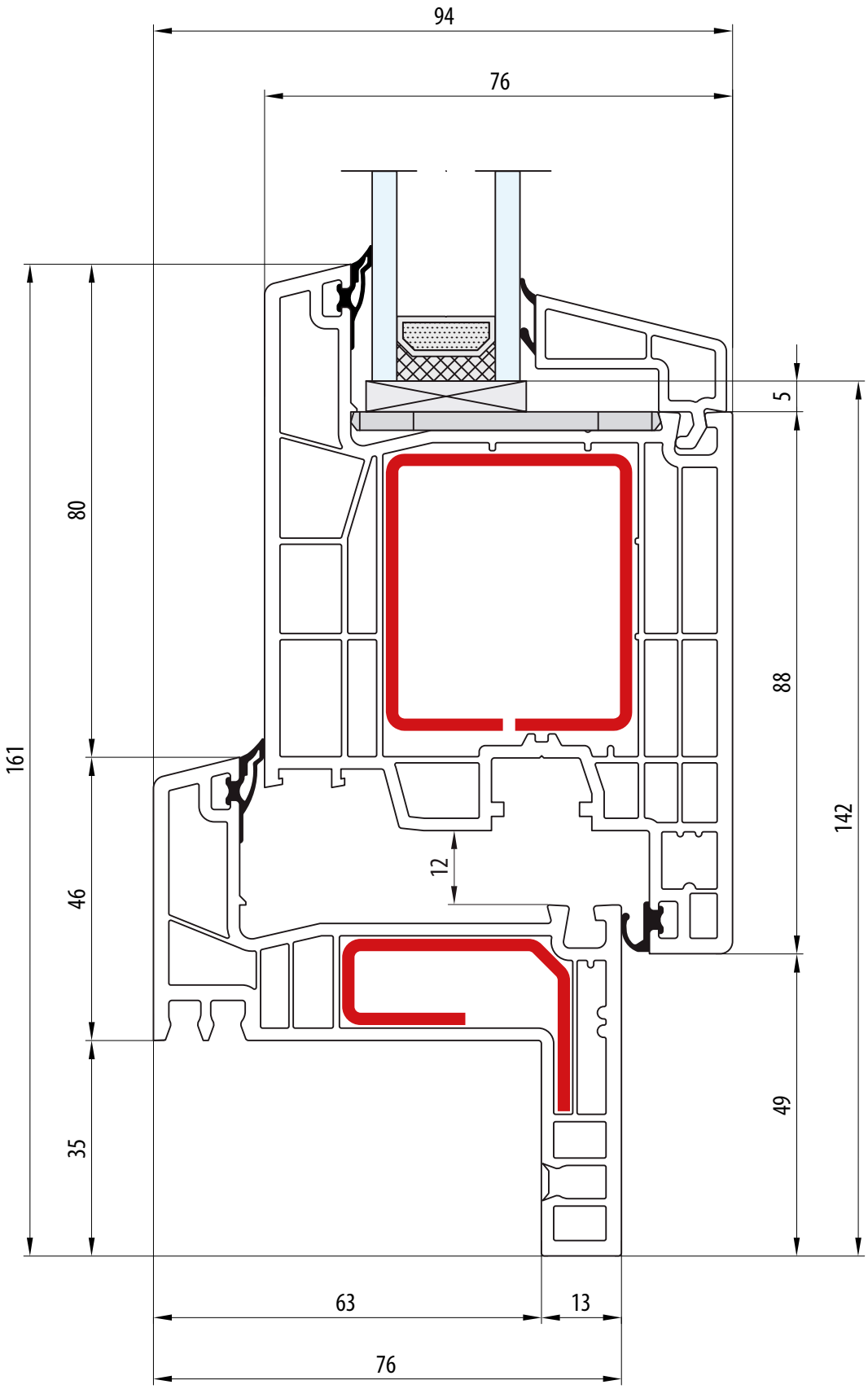
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RÉNOVATION - Lip: 35 mm · Dormant: 46 mm · Vantail: 80 mm
RENOVATION - Strip: 35 mm · Frame: 46 mm · Sash: 80 mm
RENOVIERUNG - Flosse: 35 mm · Rahmen: 46 mm · Flügel: 80 mm
RINNOVAZIONE - Aletta da: 35 mm · Telaio: 46 mm · Anta: 80 mm
RENOVATIE - Vin: 35 mm · Kozijn: 46 mm · Vleugel: 80 mm



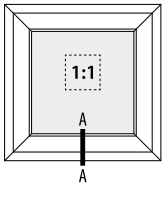


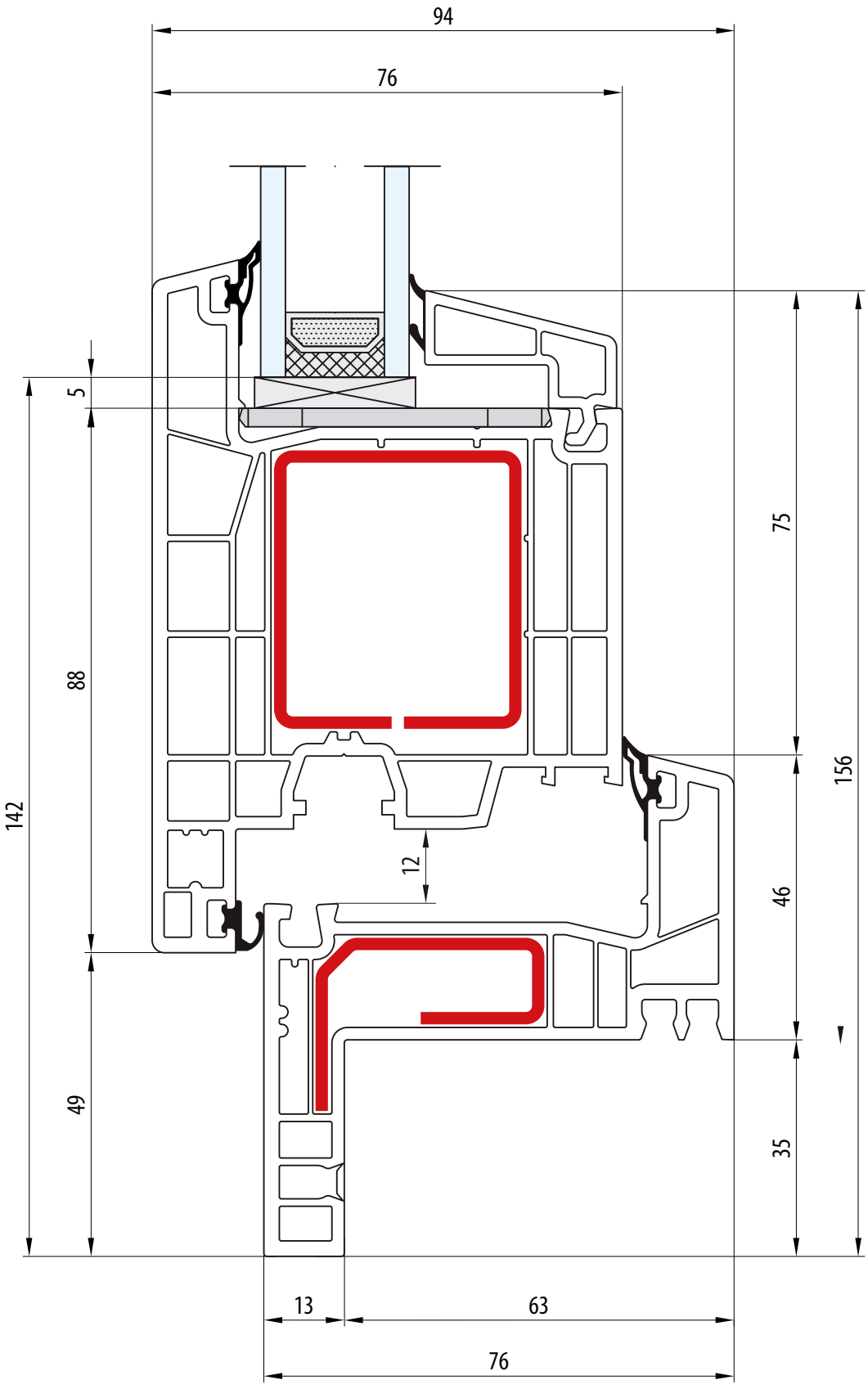
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RÉNOVATION - Lip: 35 mm · Dormant: 46 mm · Vantail: 80 mm
RENOVATION - Strip: 35 mm · Frame: 46 mm · Sash: 80 mm
RENOVIERUNG - Flosse: 35 mm · Rahmen: 46 mm · Flügel: 80 mm
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RENOVATIE - Vin: 35 mm · Kozijn: 46 mm · Vleugel: 80 mm



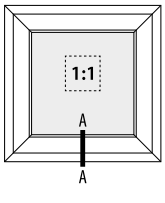


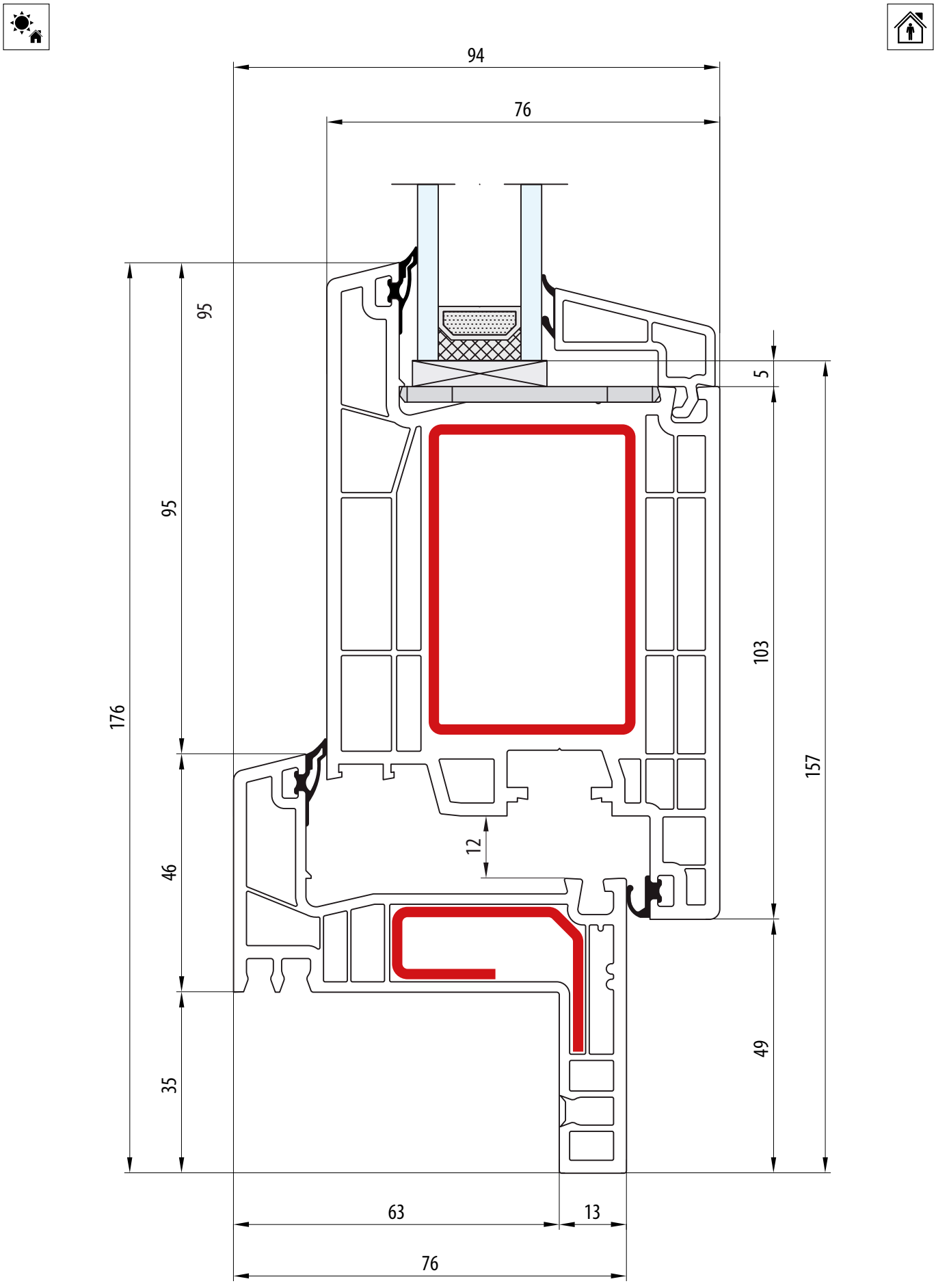
RENOWACJA - Płetwa: 35 mm · Rama: 46 mm · Skrzydło: 112 mm
RÉNOVATION - Lip: 35 mm · Dormant: 46 mm · Vantail: 112 mm
RENOVATION - Strip: 35 mm · Frame: 46 mm · Sash: 112 mm
RENOVIERUNG - Flosse: 35 mm · Rahmen: 46 mm · Flügel: 112 mm
RINNOVAZIONE - Aletta da: 35 mm · Telaio: 46 mm · Anta: 112 mm
RENOVATIE - Vin: 35 mm · Kozijn: 46 mm · Vleugel: 112 mm



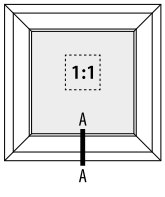


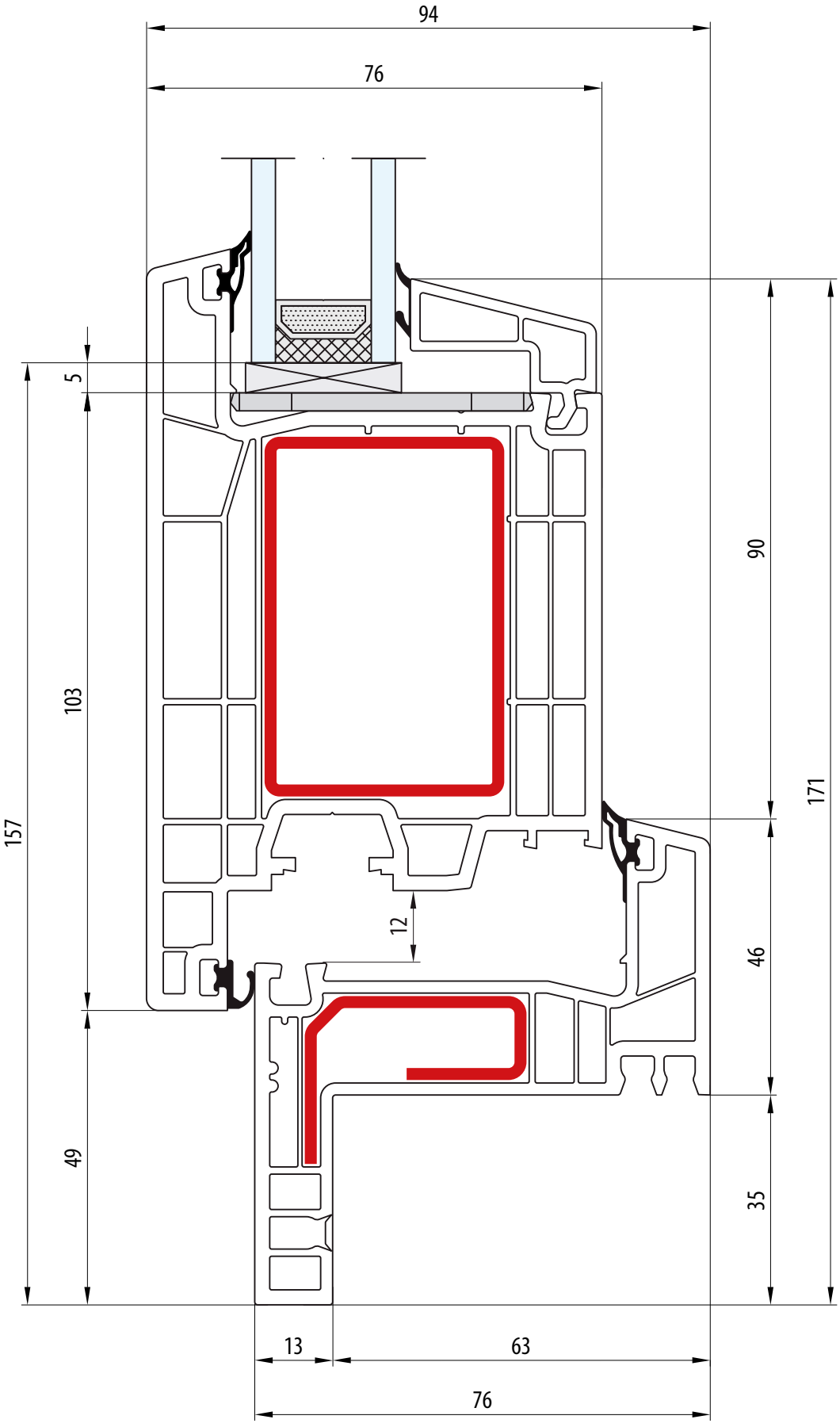
RENOWACJA - Płetwa: 35 mm · Rama: 46 mm · Skrzydło: 112 mm
RÉNOVATION - Lip: 35 mm · Dormant: 46 mm · Vantail: 112 mm
RENOVATION - Strip: 35 mm · Frame: 46 mm · Sash: 112 mm
RENOVIERUNG - Flosse: 35 mm · Rahmen: 46 mm · Flügel: 112 mm
RINNOVAZIONE - Aletta da: 35 mm · Telaio: 46 mm · Anta: 112 mm
RENOVATIE - Vin: 35 mm · Kozijn: 46 mm · Vleugel: 112 mm



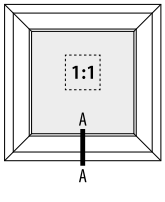


RENOWACJA - Płetwa: 35 mm · Rama: 46 mm · Skrzydło: 127 mm
RÉNOVATION - Lip: 35 mm · Dormant: 46 mm · Vantail: 127 mm
RENOVATION - Strip: 35 mm · Frame: 46 mm · Sash: 127 mm
RENOVIERUNG - Flosse: 35 mm · Rahmen: 46 mm · Flügel: 127 mm
RINNOVAZIONE - Aletta da: 35 mm · Telaio: 46 mm · Anta: 127 mm
RENOVATIE - Vin: 35 mm · Kozijn: 46 mm · Vleugel: 127 mm



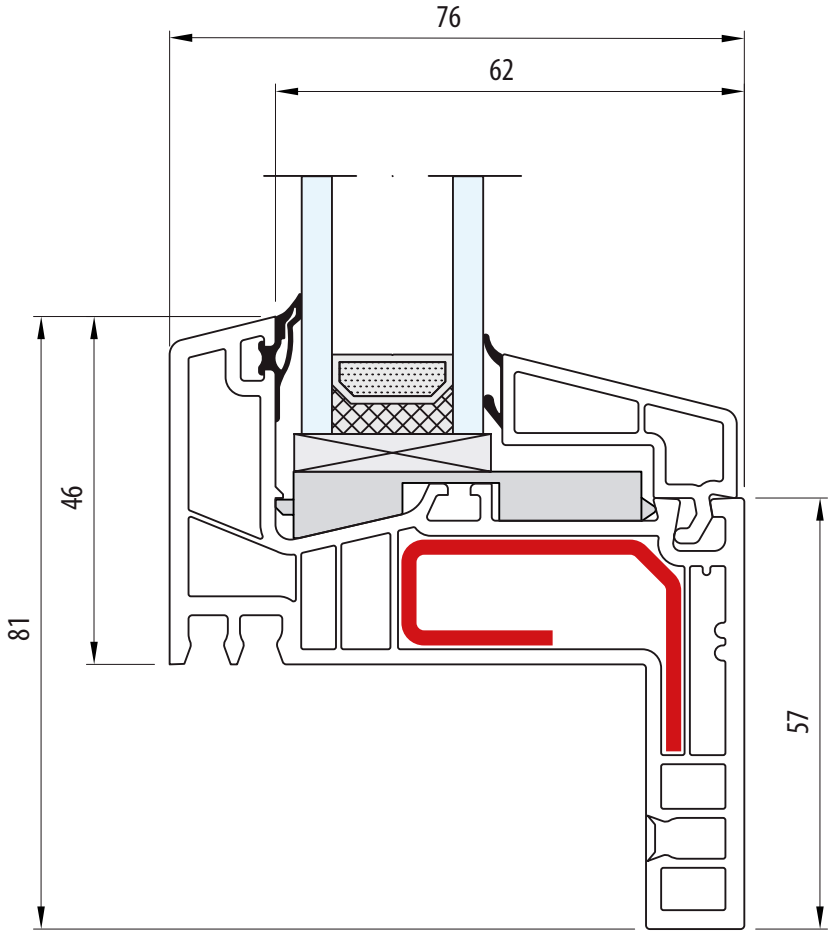


RENOWACJA - Płetwa: 35 mm · Rama: 46 mm · Skrzydło: 127 mm
RÉNOVATION - Lip: 35 mm · Dormant: 46 mm · Vantail: 127 mm
RENOVATION - Strip: 35 mm · Frame: 46 mm · Sash: 127 mm
RENOVIERUNG - Flosse: 35 mm · Rahmen: 46 mm · Flügel: 127 mm
RINNOVAZIONE - Aletta da: 35 mm · Telaio: 46 mm · Anta: 127 mm
RENOVATIE - Vin: 35 mm · Kozijn: 46 mm · Vleugel: 127 mm

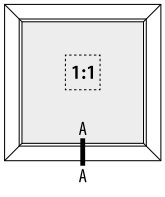


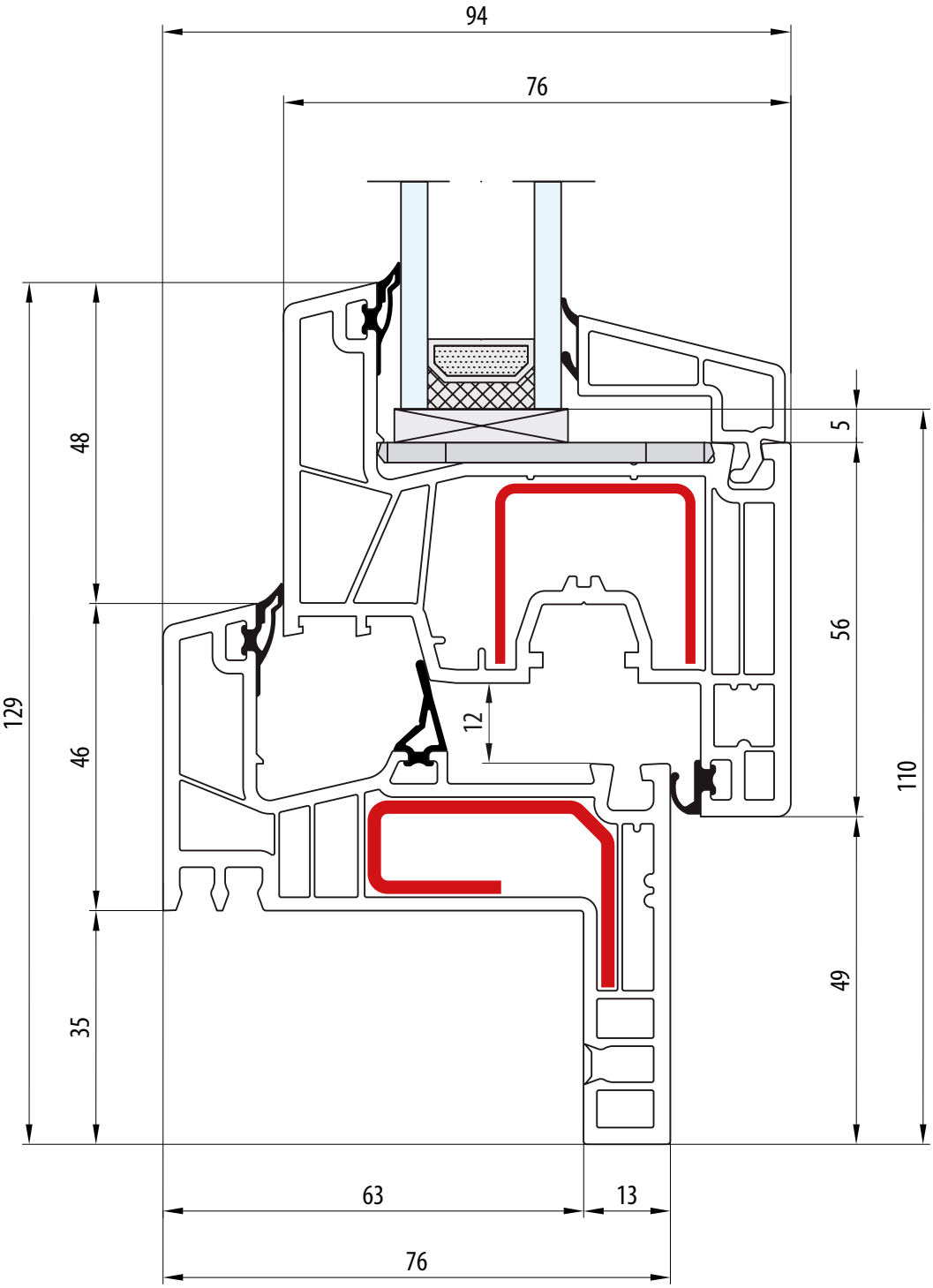
CL

SL
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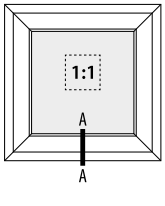


- RENOWACJA - Płetwa: 35 mm · Rama: 46 mm
- RÉNOVATION - Lip: 35 mm · Dormant: 46 mm
- RENOVATION - Strip: 35 mm · Frame: 46 mm
- RENOVIERUNG - Flosse: 35 mm · Rahmen: 46 mm
- RINNOVAZIONE - Aletta da: 35 mm · Telaio: 46 mm
- RENOVATIE - Vin: 35 mm · Kozijn: 46 mm



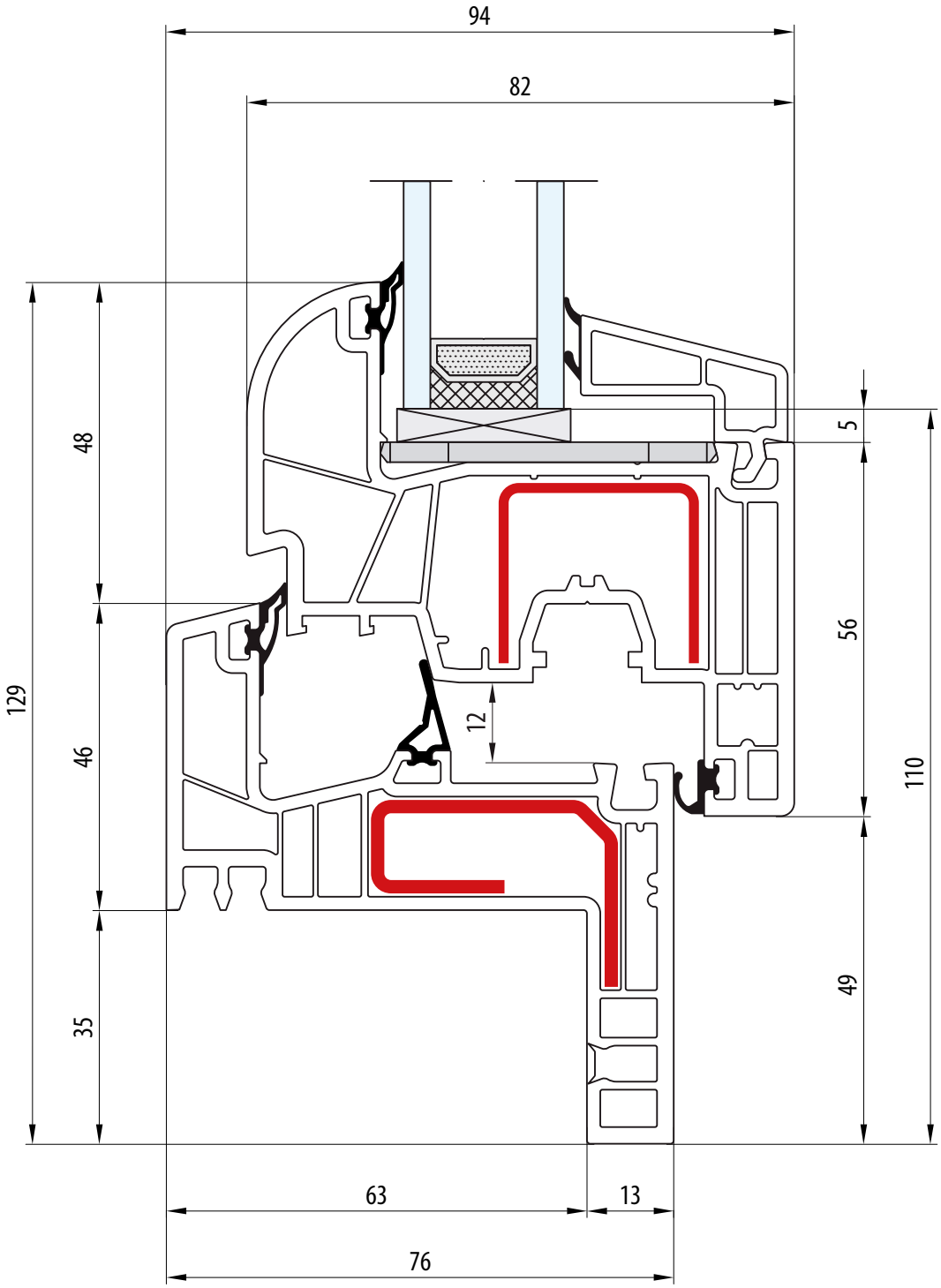


- RENOWACJA - Płetwa: 35 mm · Rama: 46 mm · Skrzydło: 80 mm
- RÉNOVATION - Lip: 35 mm · Dormant: 46 mm · Vantail: 80 mm
- RENOVATION - Strip: 35 mm · Frame: 46 mm · Sash: 80 mm
- RENOVIERUNG - Flosse: 35 mm · Rahmen: 46 mm · Flügel: 80 mm
- RINNOVAZIONE - Aletta da: 35 mm · Telaio: 46 mm · Anta: 80 mm
- RENOVATIE - Vin: 35 mm · Kozijn: 46 mm · Vleugel: 80 mm

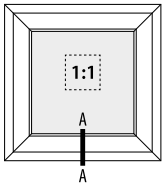


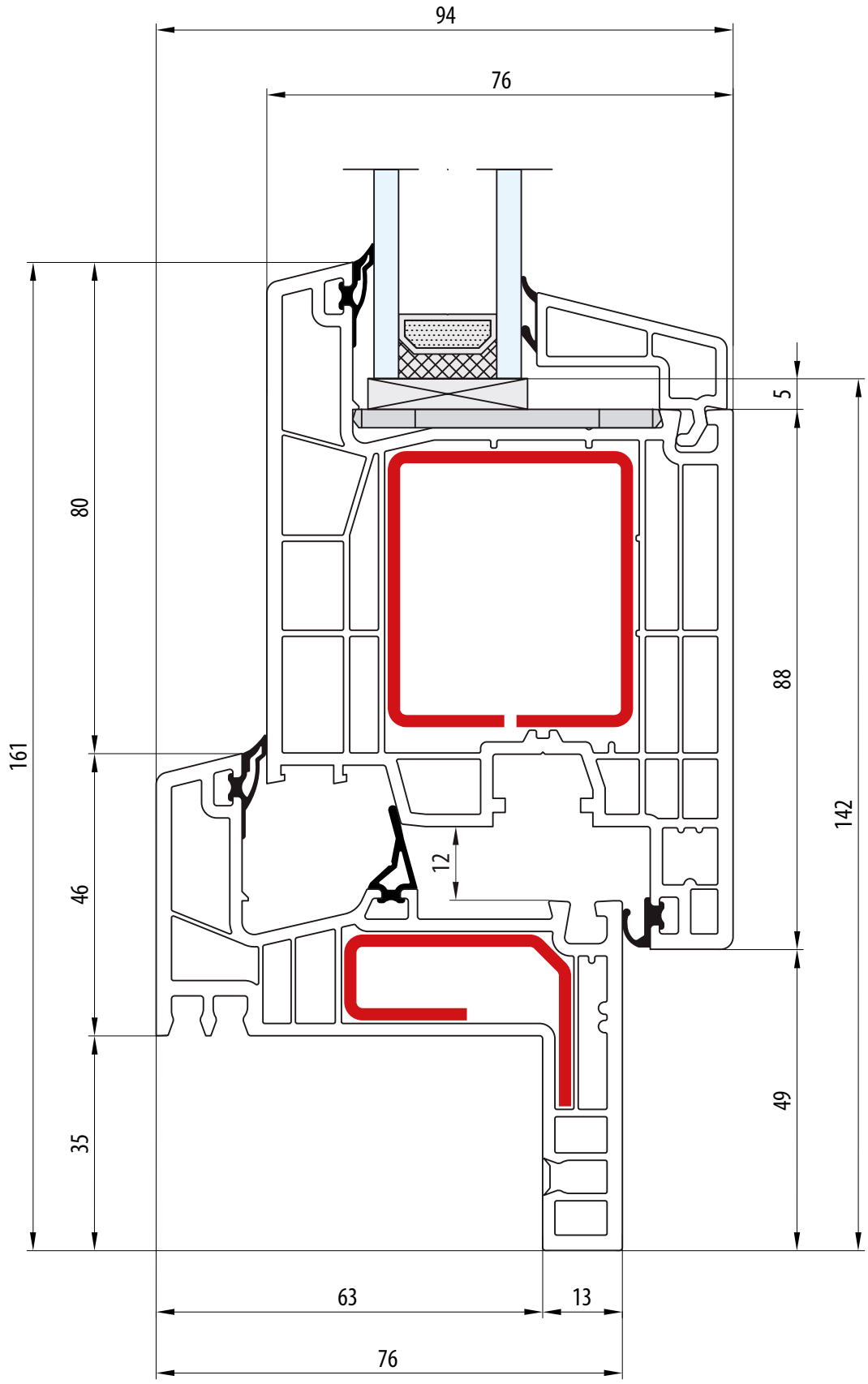
RL

SL CL RL H

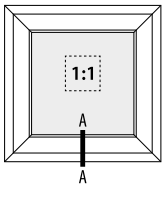


RENOWACJA - Płetwa: 35 mm · Rama: 46 mm · Skrzydło: 80 mm
RÉNOVATION - Lip: 35 mm · Dormant: 46 mm · Vantail: 80 mm
RENOVATION - Strip: 35 mm · Frame: 46 mm · Sash: 80 mm
RENOVIERUNG - Flosse: 35 mm · Rahmen: 46 mm · Flügel: 80 mm
RINNOVAZIONE - Aletta da: 35 mm · Telaio: 46 mm · Anta: 80 mm
RENOVATIE - Vin: 35 mm · Kozijn: 46 mm · Vleugel: 80 mm



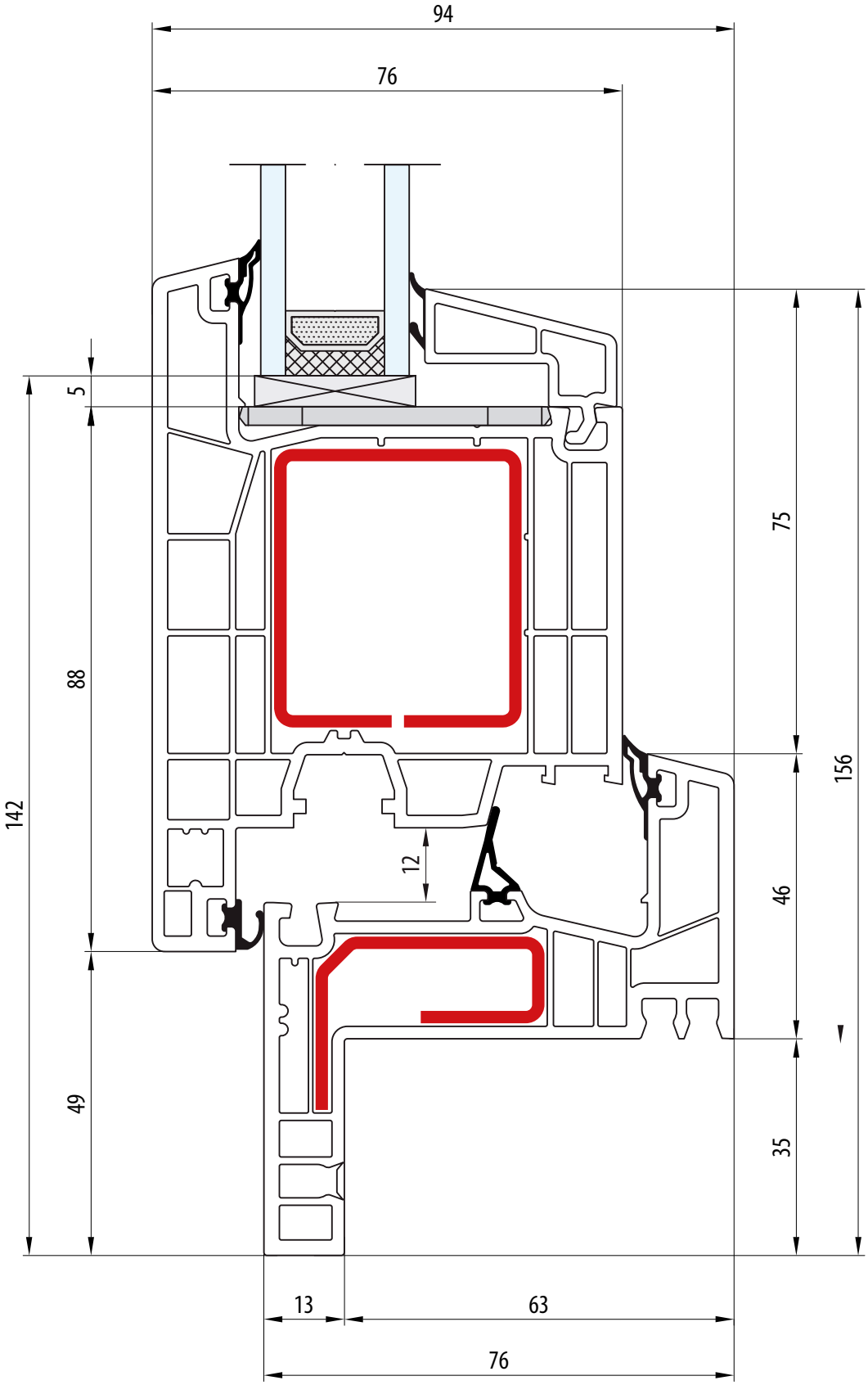


RENOWACJA - Płetwa: 35 mm · Rama: 46 mm · Skrzydło: 112 mm
RÉNOVATION - Lip: 35 mm · Dormant: 46 mm · Vantail: 80 mm
RENOVATION - Strip: 35 mm · Frame: 46 mm · Sash: 80 mm
RENOVIERUNG - Flosse: 35 mm · Rahmen: 46 mm · Flügel: 80 mm
RINNOVAZIONE - Aletta da: 35 mm · Telaio: 46 mm · Anta: 80 mm
RENOVATIE - Vin: 35 mm · Kozijn: 46 mm · Vleugel: 80 mm

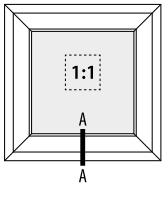


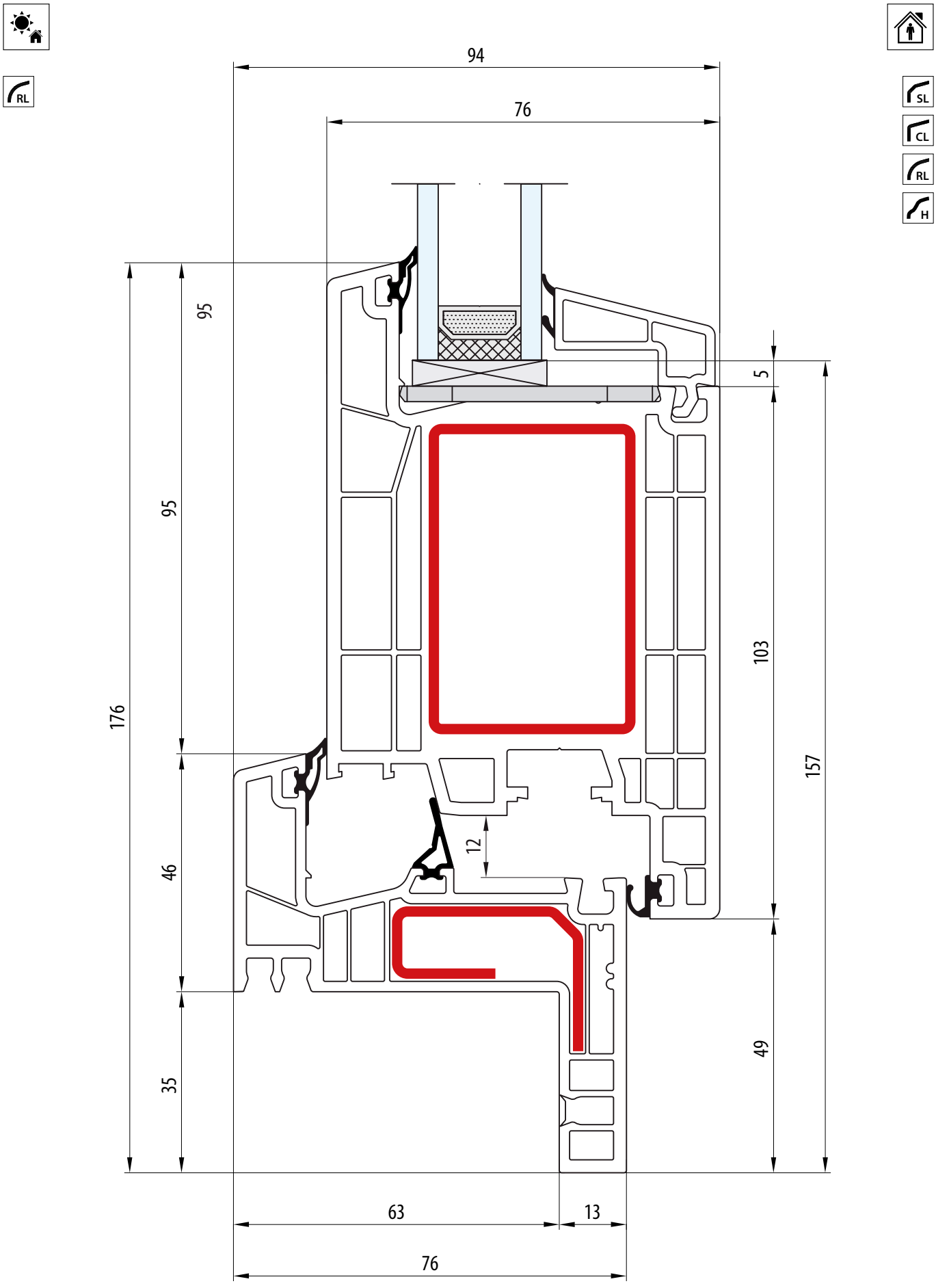
CL

SL CL RL H

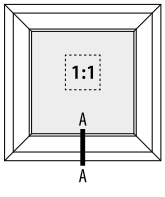


RENOWACJA - Płetwa: 35 mm · Rama: 46 mm · Skrzydło: 112 mm
RÉNOVATION - Lip: 35 mm · Dormant: 46 mm · Vantail: 112 mm
RENOVATION - Strip: 35 mm · Frame: 46 mm · Sash: 112 mm
RENOVIERUNG - Flosse: 35 mm · Rahmen: 46 mm · Flügel: 112 mm
RINNOVAZIONE - Aletta da: 35 mm · Telaio: 46 mm · Anta: 112 mm
RENOVATIE - Vin: 35 mm · Kozijn: 46 mm · Vleugel: 112 mm



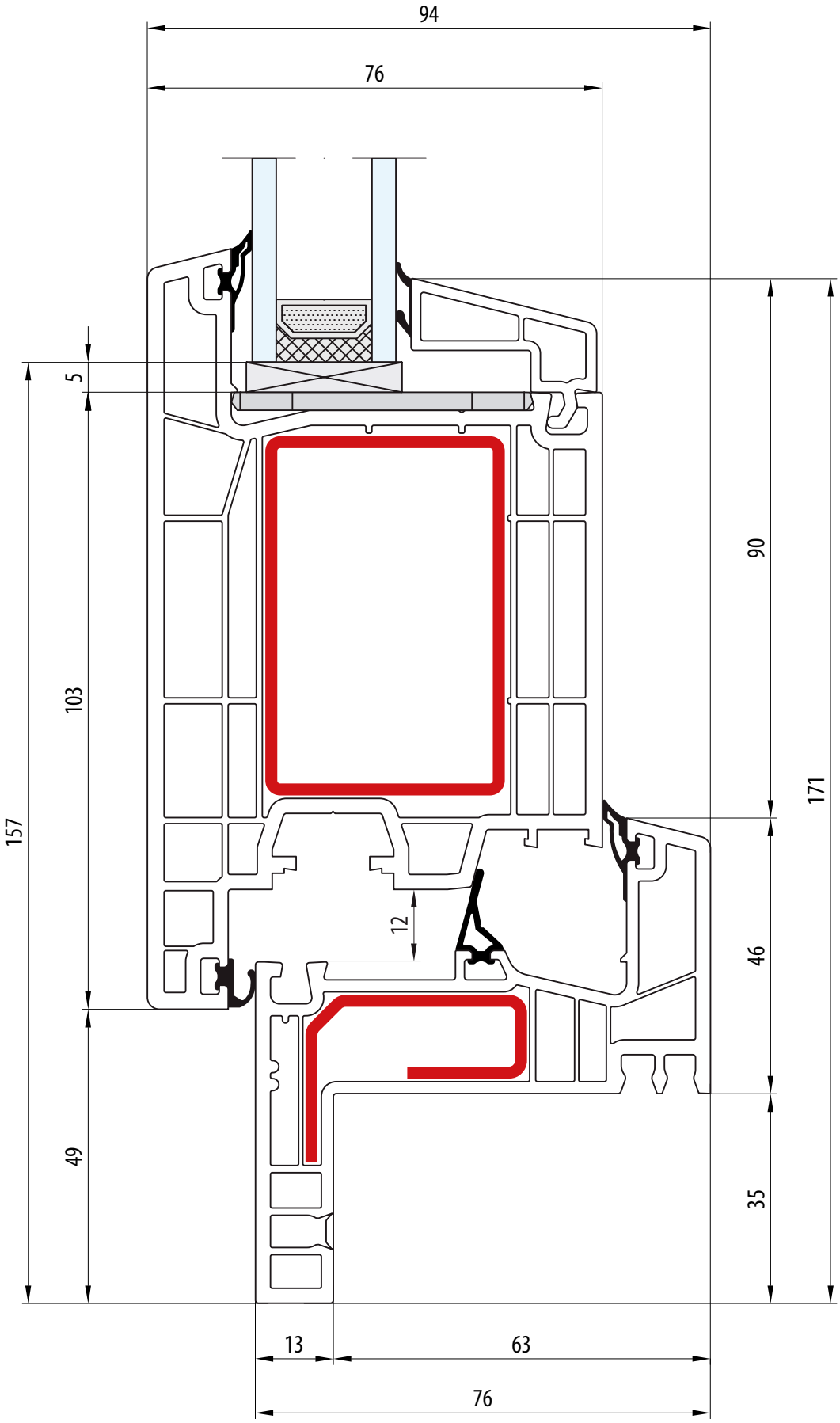


RENOWACJA - Płetwa: 35 mm · Rama: 46 mm · Skrzydło: 127 mm
RÉNOVATION - Lip: 35 mm · Dormant: 46 mm · Vantail: 127 mm
RENOVATION - Strip: 35 mm · Frame: 46 mm · Sash: 127 mm
RENOVIERUNG - Flosse: 35 mm · Rahmen: 46 mm · Flügel: 127 mm
RINNOVAZIONE - Aletta da: 35 mm · Telaio: 46 mm · Anta: 127 mm
RENOVATIE - Vin: 35 mm · Kozijn: 46 mm · Vleugel: 127 mm

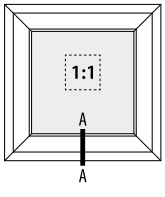


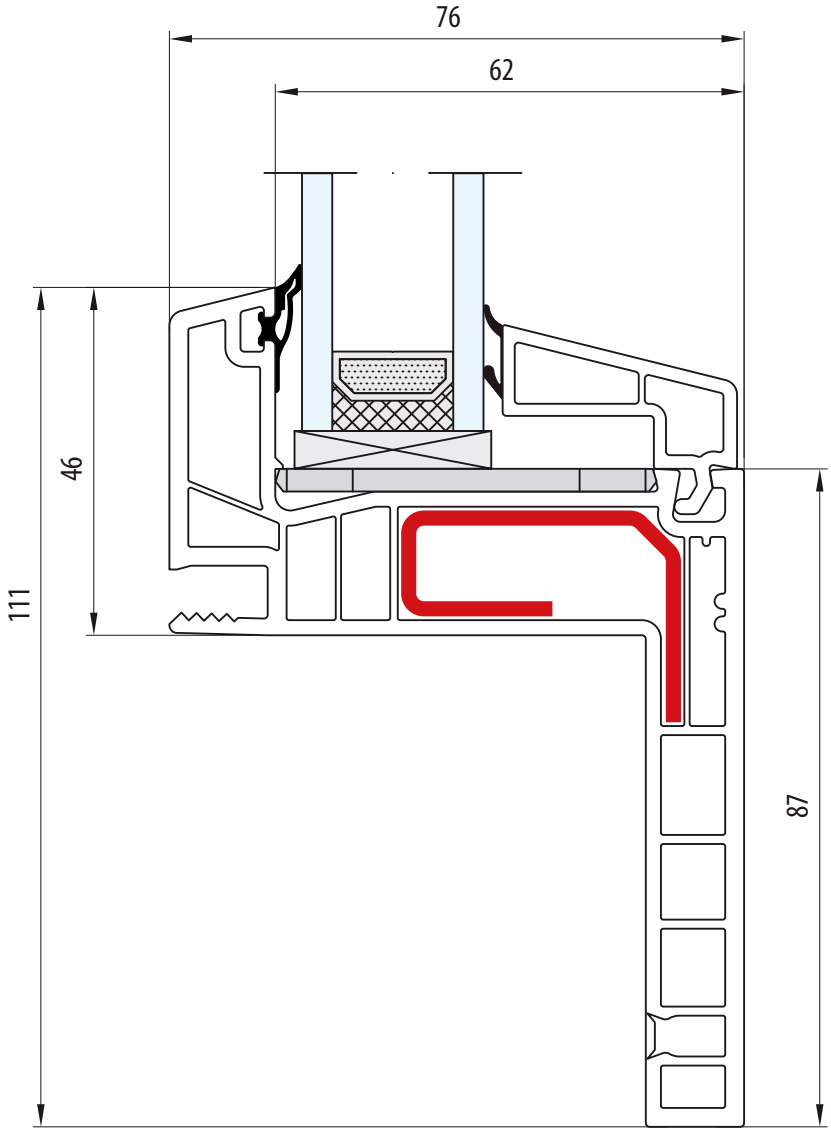
CL

SL CL RL H

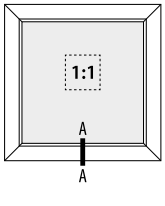


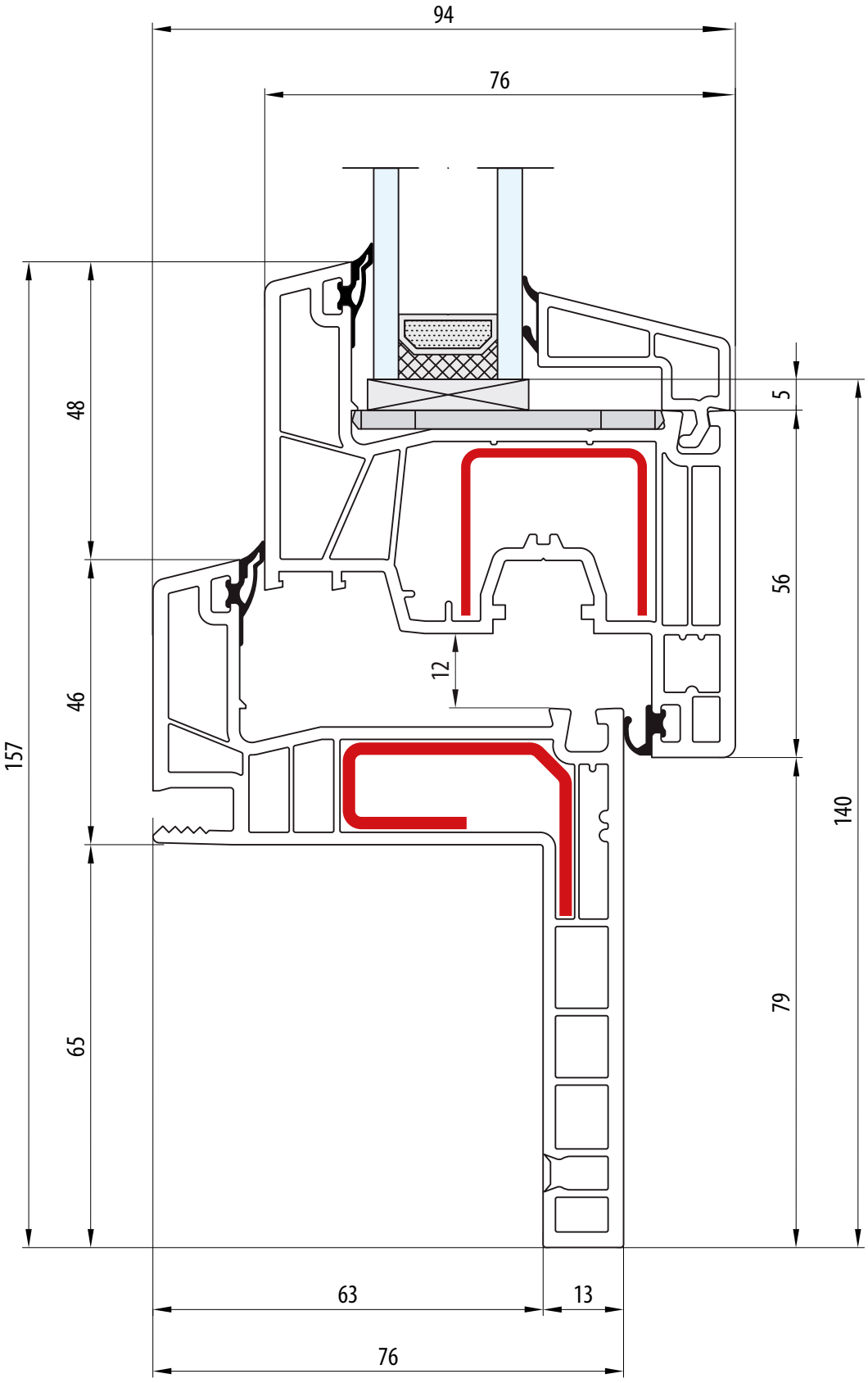
RENOWACJA - Płetwa: 35 mm · Rama: 46 mm · Skrzydło: 127 mm
RÉNOVATION - Lip: 35 mm · Dormant: 46 mm · Vantail: 127 mm
RENOVATION - Strip: 35 mm · Frame: 46 mm · Sash: 127 mm
RENOVIERUNG - Flosse: 35 mm · Rahmen: 46 mm · Flügel: 127 mm
RINNOVAZIONE - Aletta da: 35 mm · Telaio: 46 mm · Anta: 127 mm
RENOVATIE - Vin: 35 mm · Kozijn: 46 mm · Vleugel: 127 mm



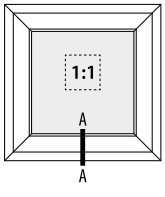


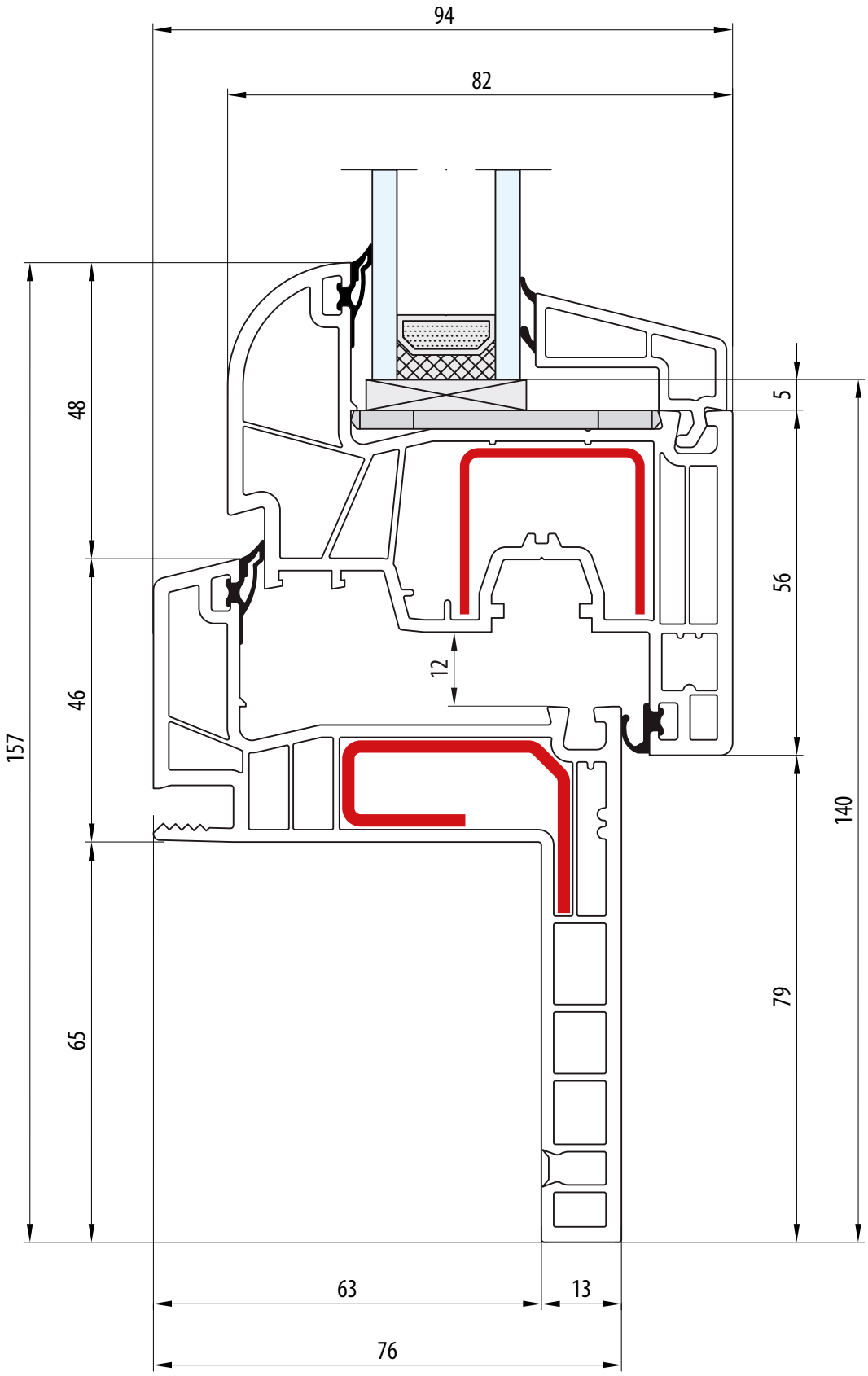
- RENOWACJA - Płetwa: 65 mm · Rama: 46 mm
- RÉNOVATION - Lip: 65 mm · Dormant: 46 mm
- RENOVATION - Strip: 65 mm · Frame: 46 mm
- RENOVIERUNG - Flosse: 65 mm · Rahmen: 46 mm
- RINNOVAZIONE - Aletta da: 65 mm · Telaio: 46 mm
- RENOVATIE - Vin: 65 mm · Kozijn: 46 mm



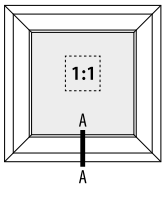


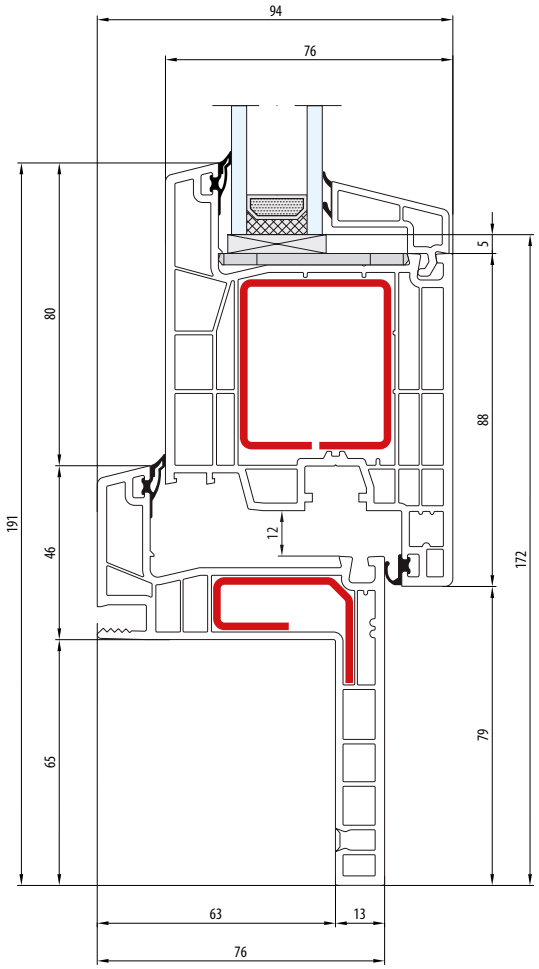
RENOWACJA - Płetwa: 65 mm · Rama: 46 mm · Skrzydło: 80 mm
RÉNOVATION - Lip: 65 mm · Dormant: 46 mm · Vantail: 80 mm
RENOVATION - Strip: 65 mm · Frame: 46 mm · Sash: 80 mm
RENOVIERUNG - Flosse: 65 mm · Rahmen: 46 mm · Flügel: 80 mm
RINNOVAZIONE - Aletta da: 65 mm · Telaio: 46 mm · Anta: 80 mm
RENOVATIE - Vin: 65 mm · Kozijn: 46 mm · Vleugel: 80 mm



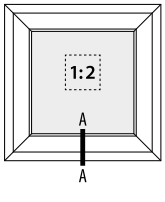


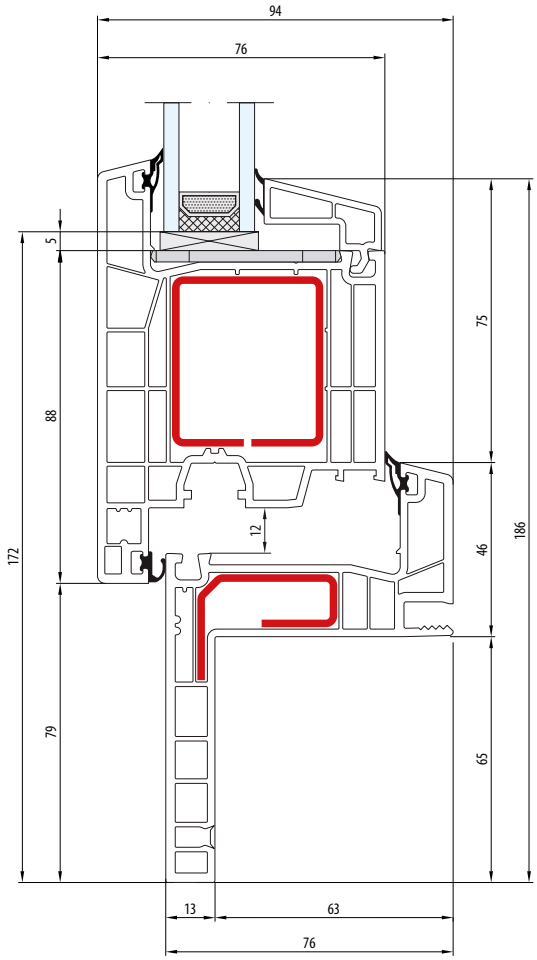
RENOWACJA - Płetwa: 65 mm · Rama: 46 mm · Skrzydło: 80 mm
RÉNOVATION - Lip: 65 mm · Dormant: 46 mm · Vantail: 80 mm
RENOVATION - Strip: 65 mm · Frame: 46 mm · Sash: 80 mm
RENOVIERUNG - Flosse: 65 mm · Rahmen: 46 mm · Flügel: 80 mm
RINNOVAZIONE - Aletta da: 65 mm · Telaio: 46 mm · Anta: 80 mm
RENOVATIE - Vin: 65 mm · Kozijn: 46 mm · Vleugel: 80 mm



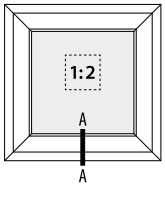


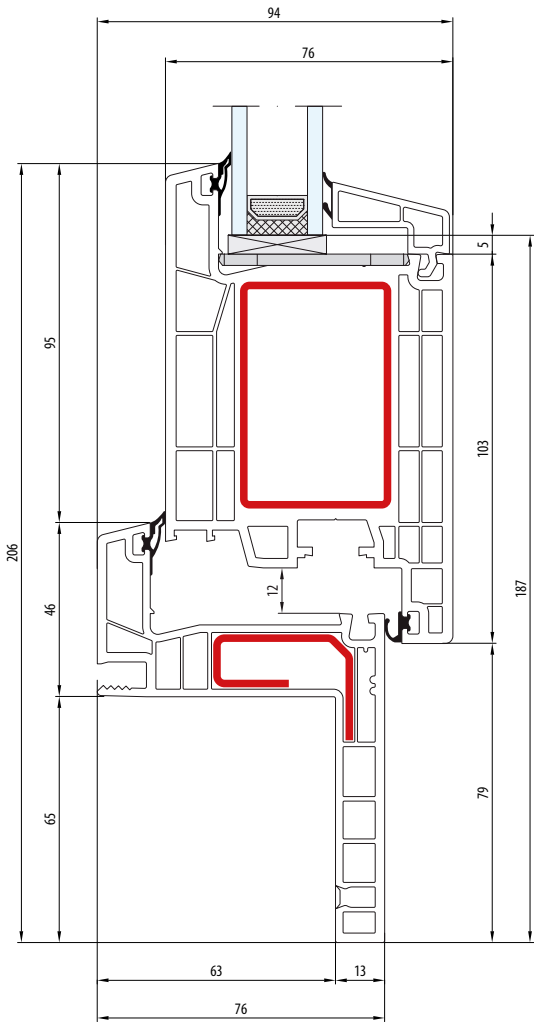
RENOWACJA - Płetwa: 65 mm · Rama: 46 mm · Skrzydło: 112 mm
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RENOVATION - Strip: 65 mm · Frame: 46 mm · Sash: 112 mm
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RENOVATIE - Vin: 65 mm · Kozijn: 46 mm · Vleugel: 112 mm



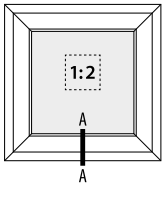


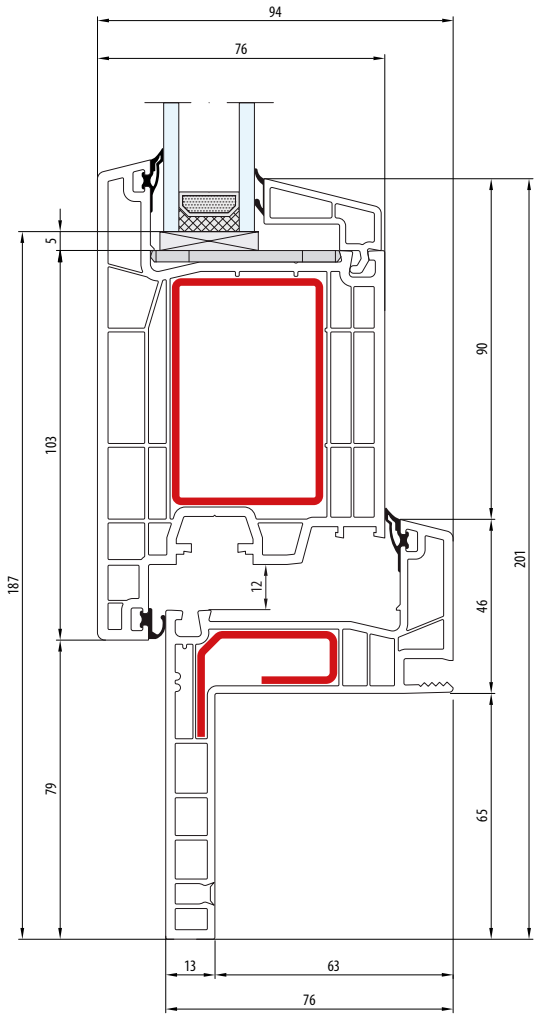
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RÉNOVATION - Lip: 65 mm · Dormant: 46 mm · Vantail: 112 mm
RENOVATION - Strip: 65 mm · Frame: 46 mm · Sash: 112 mm
RENOVIERUNG - Flosse: 65 mm · Rahmen: 46 mm · Flügel: 112 mm
RINNOVAZIONE - Aletta da: 65 mm · Telaio: 46 mm · Anta: 112 mm
RENOVATIE - Vin: 65 mm · Kozijn: 46 mm · Vleugel: 112 mm



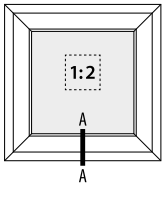


RENOWACJA - Płetwa: 65 mm · Rama: 46 mm · Skrzydło: 127 mm
RÉNOVATION - Lip: 65 mm · Dormant: 46 mm · Vantail: 127 mm
RENOVATION - Strip: 65 mm · Frame: 46 mm · Sash: 127 mm
RENOVIERUNG - Flosse: 65 mm · Rahmen: 46 mm · Flügel: 127 mm
RINNOVAZIONE - Aletta da: 65 mm · Telaio: 46 mm · Anta: 127 mm
RENOVATIE - Vin: 65 mm · Kozijn: 46 mm · Vleugel: 127 mm



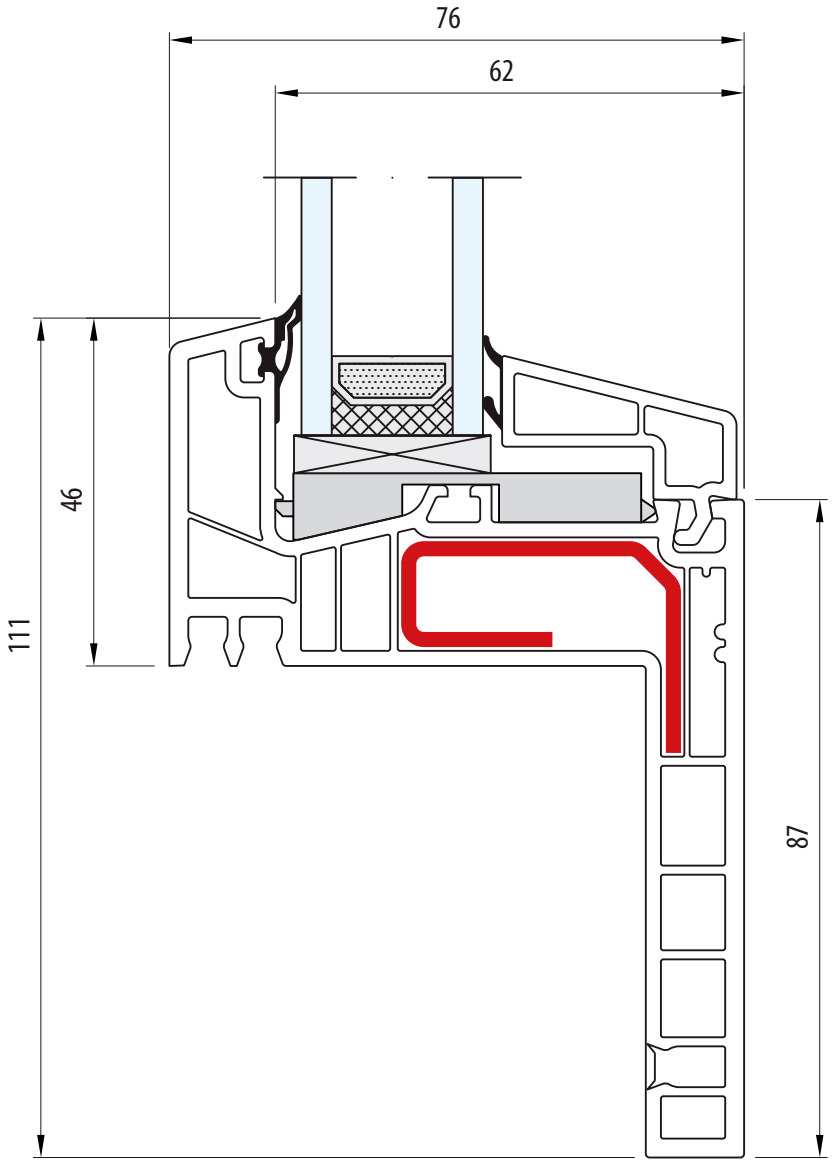


- RENOWACJA - Płetwa: 65 mm · Rama: 46 mm · Skrzydło: 127 mm
- RÉNOVATION - Lip: 65 mm · Dormant: 46 mm · Vantail: 127 mm
- RENOVATION - Strip: 65 mm · Frame: 46 mm · Sash: 127 mm
- RENOVIERUNG - Flosse: 65 mm · Rahmen: 46 mm · Flügel: 127 mm
- RINNOVAZIONE - Aletta da: 65 mm · Telaio: 46 mm · Anta: 127 mm
- RENOVATIE - Vin: 65 mm · Kozijn: 46 mm · Vleugel: 127 mm

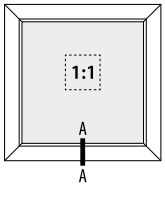


CL

SL
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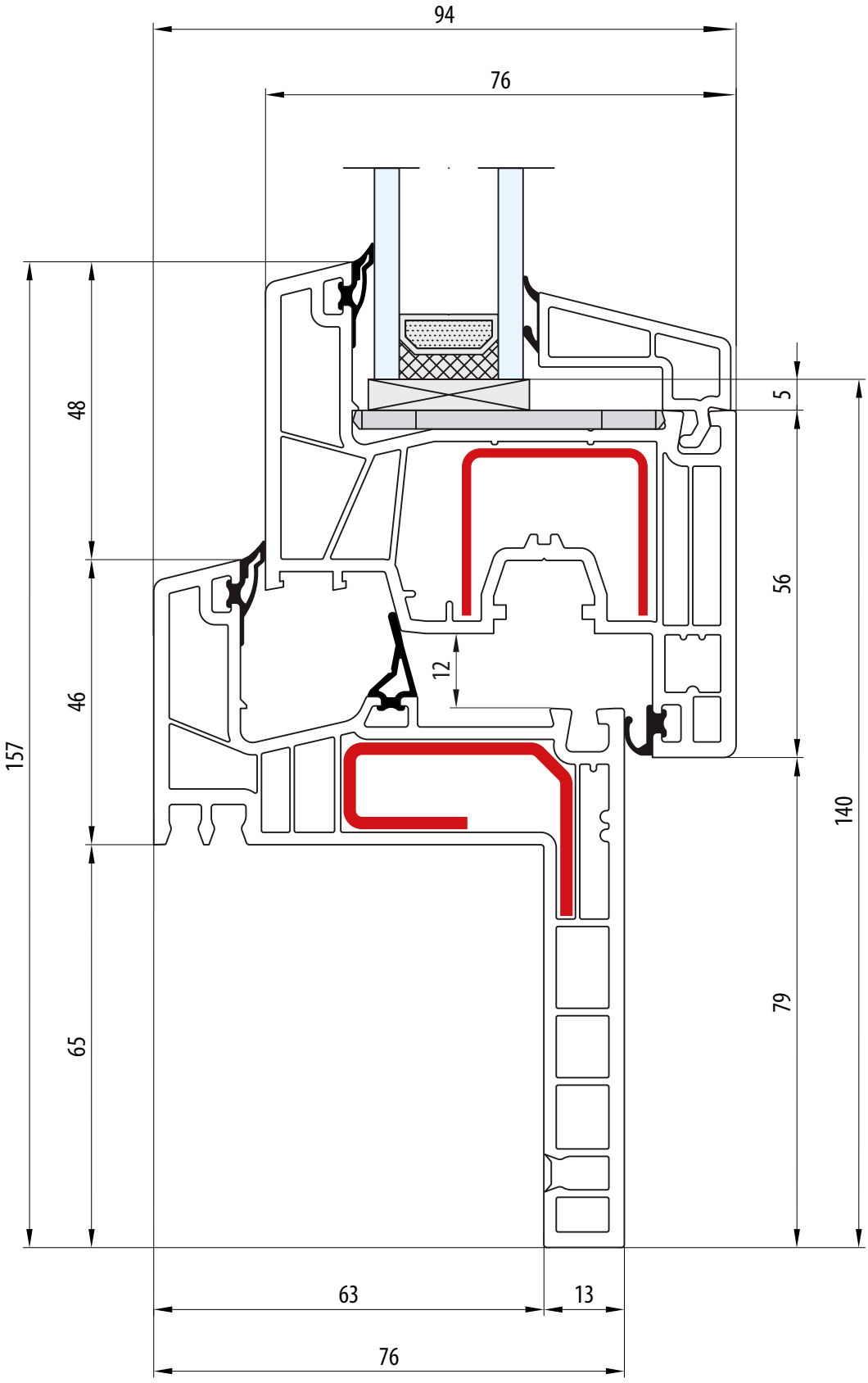


- RENOWACJA - Płetwa: 65 mm · Rama: 46 mm
- RÉNOVATION - Lip: 65 mm · Dormant: 46 mm
- RENOVATION - Strip: 65 mm · Frame: 46 mm
- RENOVIERUNG - Flosse: 65 mm · Rahmen: 46 mm
- RINNOVAZIONE - Aletta da: 65 mm · Telaio: 46 mm
- RENOVATIE - Vin: 65 mm · Kozijn: 46 mm

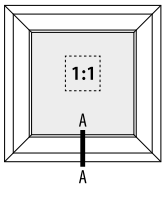






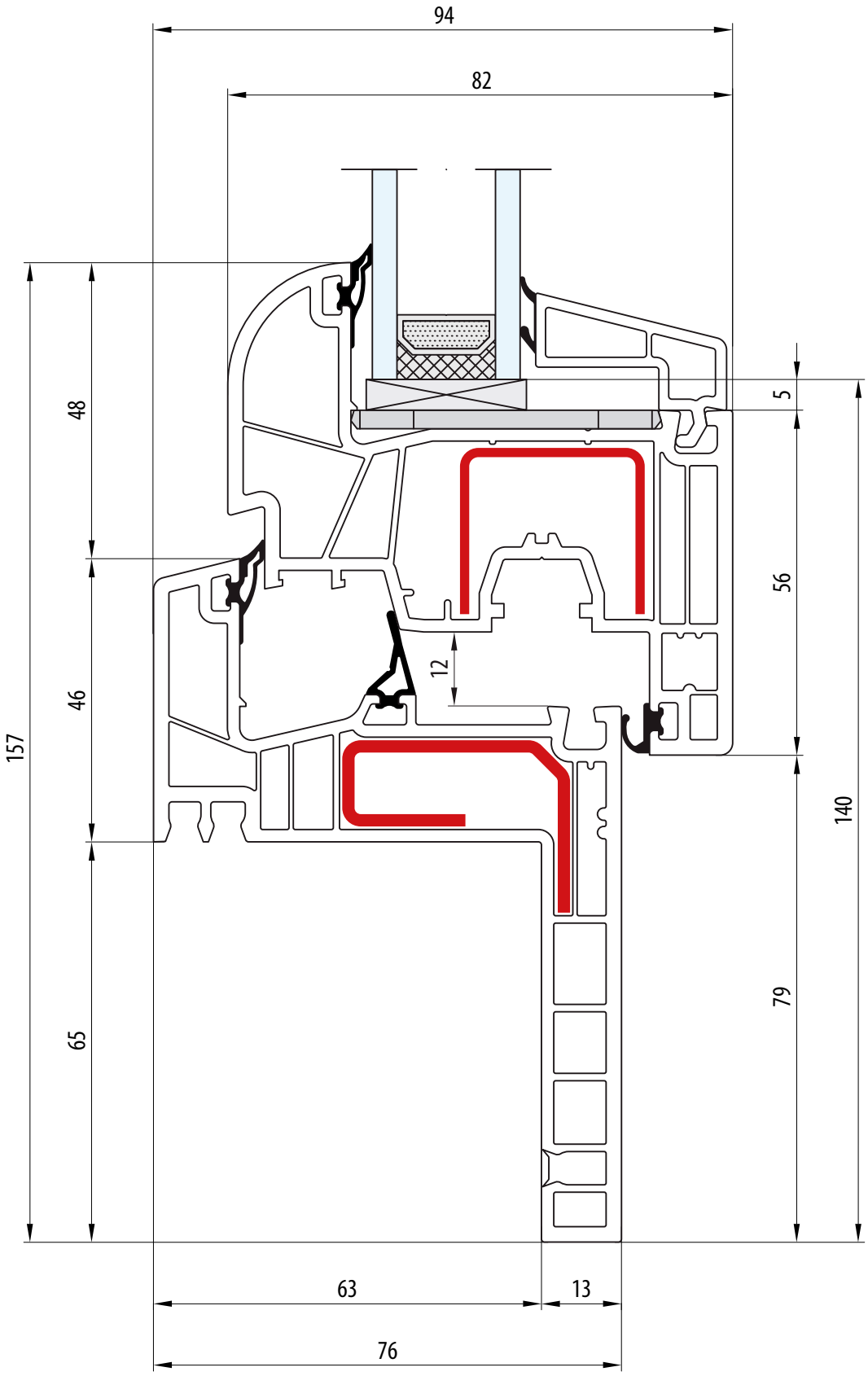



- RENOWACJA - Płetwa: 65 mm · Rama: 46 mm · Skrzydło: 80 mm
- RÉNOVATION - Lip: 65 mm · Dormant: 46 mm · Vantail: 80 mm
- RENOVATION - Strip: 65 mm · Frame: 46 mm · Sash: 80 mm
- RENOVIERUNG - Flosse: 65 mm · Rahmen: 46 mm · Flügel: 80 mm
- RINNOVAZIONE - Aletta da: 65 mm · Telaio: 46 mm · Anta: 80 mm
- RENOVATIE - Vin: 65 mm · Kozijn: 46 mm · Vleugel: 80 mm

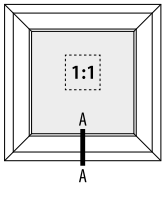


RL

SL CL RL H



RENOWACJA - Płetwa: 65 mm · Rama: 46 mm · Skrzydło: 80 mm
RÉNOVATION - Lip: 65 mm · Dormant: 46 mm · Vantail: 80 mm
RENOVATION - Strip: 65 mm · Frame: 46 mm · Sash: 80 mm
RENOVIERUNG - Flosse: 65 mm · Rahmen: 46 mm · Flügel: 80 mm
RINNOVAZIONE - Aletta da: 65 mm · Telaio: 46 mm · Anta: 80 mm
RENOVATIE - Vin: 65 mm · Kozijn: 46 mm · Vleugel: 80 mm

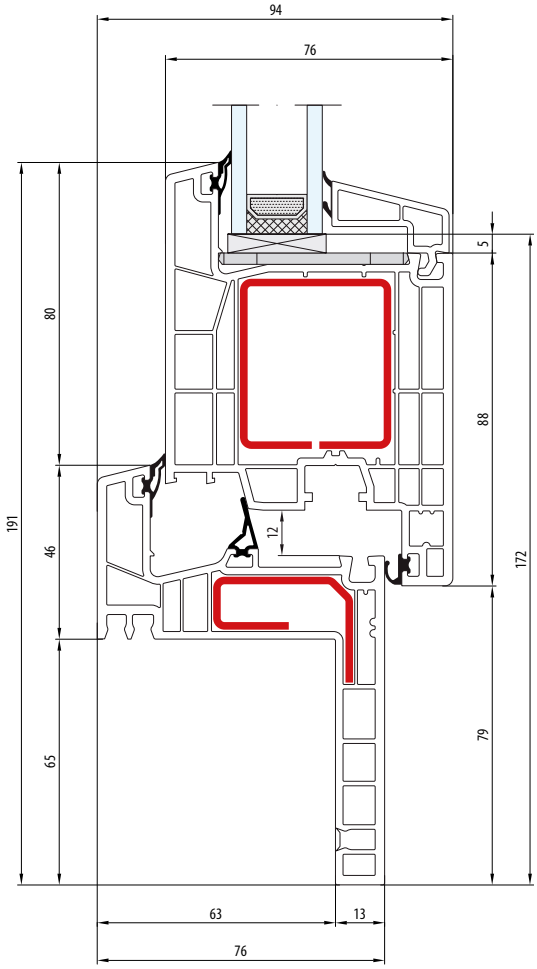




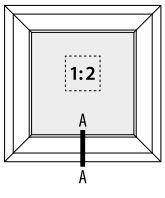


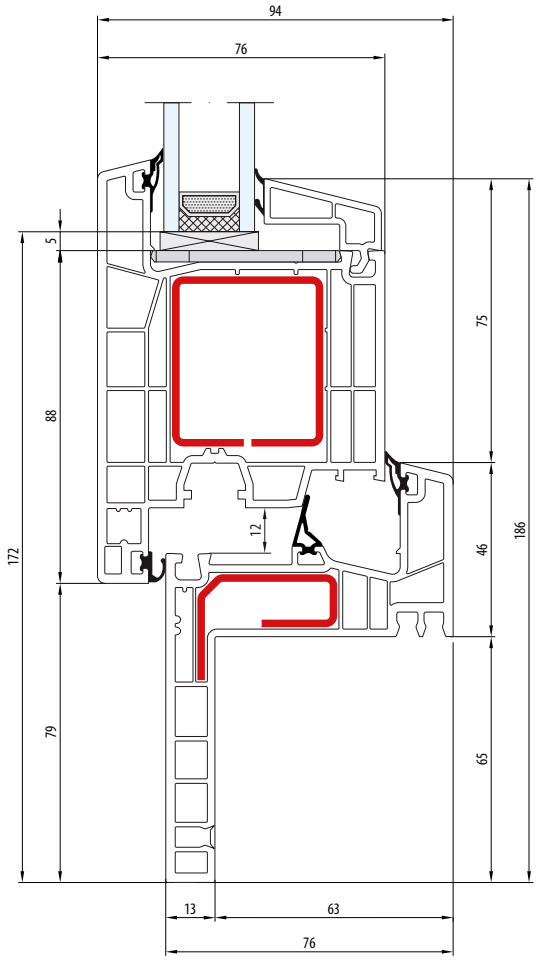




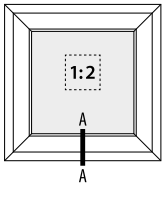


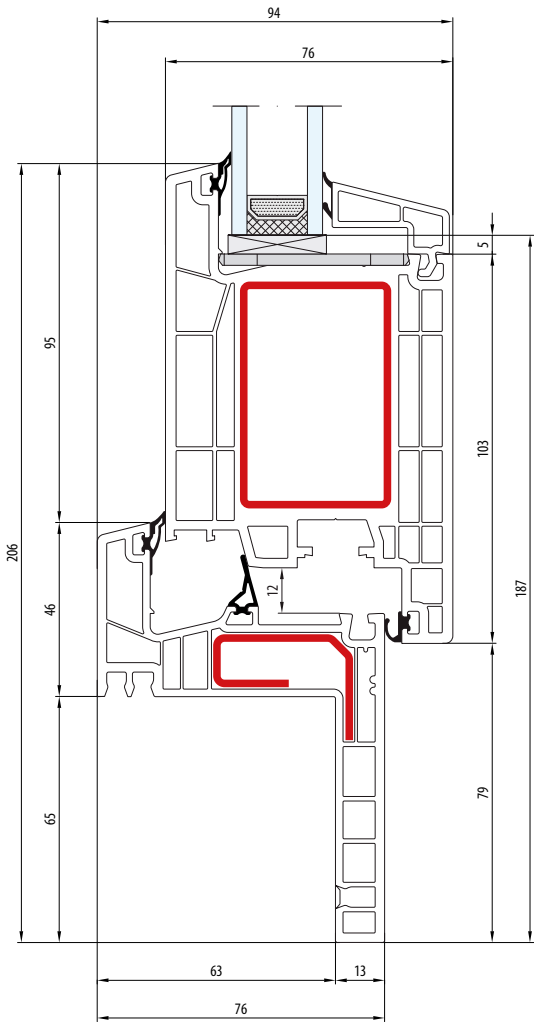
- RENOWACJA - Płetwa: 65 mm · Rama: 46 mm · Skrzydło: 112 mm
- RÉNOVATION - Lip: 65 mm · Dormant: 46 mm · Vantail: 112 mm
- RENOVATION - Strip: 65 mm · Frame: 46 mm · Sash: 112 mm
- RENOVIERUNG - Flosse: 65 mm · Rahmen: 46 mm · Flügel: 112 mm
- RINNOVAZIONE - Aletta da: 65 mm · Telaio: 46 mm · Anta: 112 mm
- RENOVATIE - Vin: 65 mm · Kozijn: 46 mm · Vleugel: 112 mm



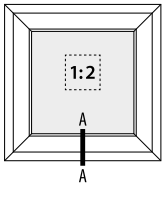


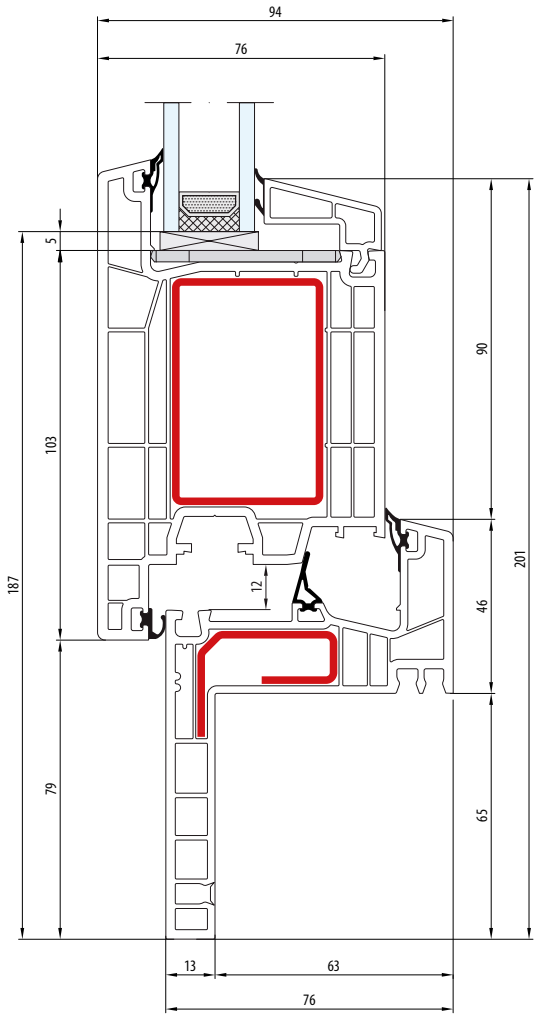
RENOWACJA - Płetwa: 65 mm · Rama: 46 mm · Skrzydło: 112 mm
RÉNOVATION - Lip: 65 mm · Dormant: 46 mm · Vantail: 112 mm
RENOVATION - Strip: 65 mm · Frame: 46 mm · Sash: 112 mm
RENOVIERUNG - Flosse: 65 mm · Rahmen: 46 mm · Flügel: 112 mm
RINNOVAZIONE - Aletta da: 65 mm · Telaio: 46 mm · Anta: 112 mm
RENOVATIE - Vin: 65 mm · Kozijn: 46 mm · Vleugel: 112 mm



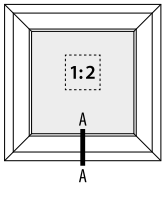


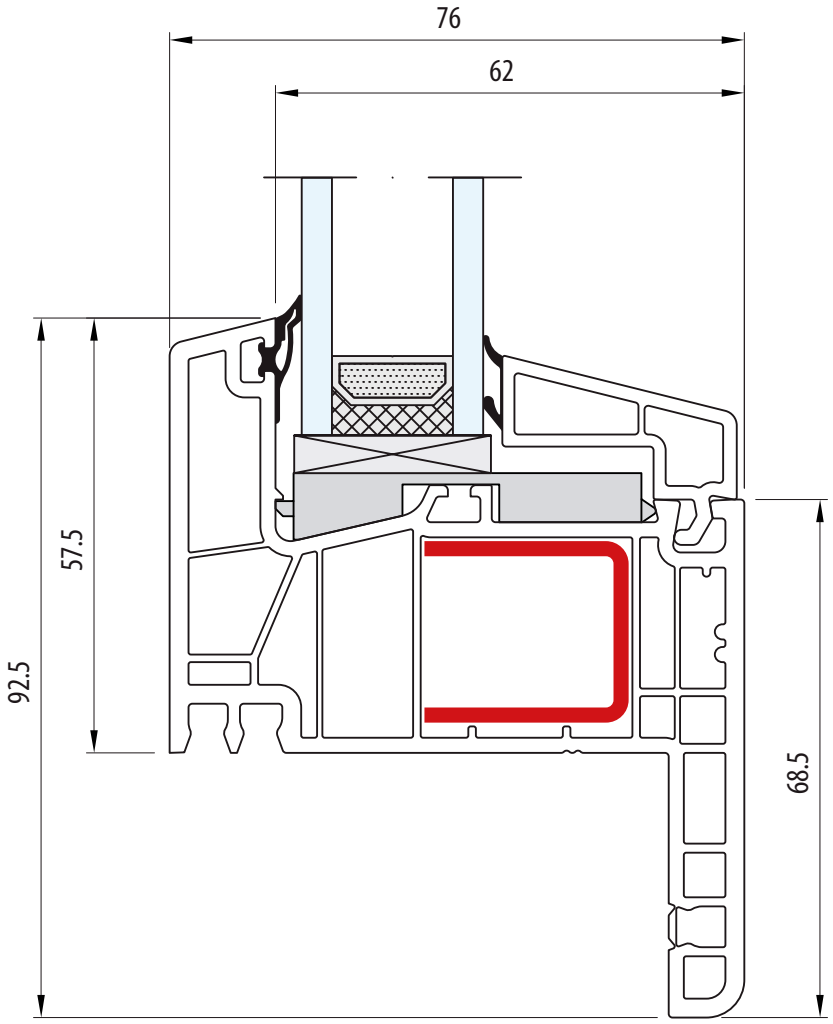
- RENOWACJA - Płetwa: 65 mm · Rama: 46 mm · Skrzydło: 127 mm
- RÉNOVATION - Lip: 65 mm · Dormant: 46 mm · Vantail: 127 mm
- RENOVATION - Strip: 65 mm · Frame: 46 mm · Sash: 127 mm
- RENOVIERUNG - Flosse: 65 mm · Rahmen: 46 mm · Flügel: 127 mm
- RINNOVAZIONE - Aletta da: 65 mm · Telaio: 46 mm · Anta: 127 mm
- RENOVATIE - Vin: 65 mm · Kozijn: 46 mm · Vleugel: 127 mm



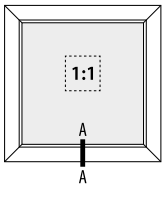


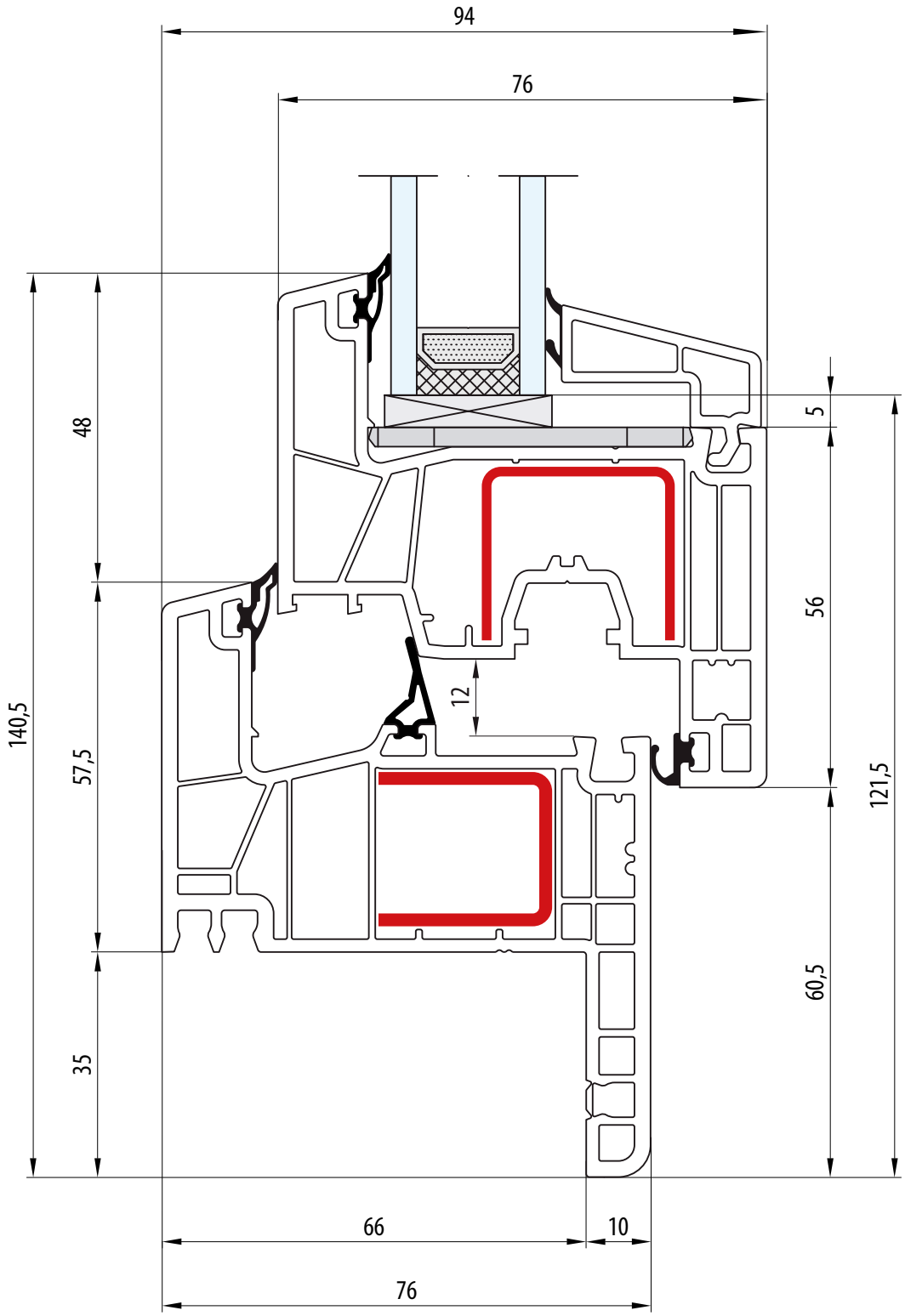
RENOWACJA - Płetwa: 65 mm · Rama: 46 mm · Skrzydło: 127 mm
RÉNOVATION - Lip: 65 mm · Dormant: 46 mm · Vantail: 127 mm
RENOVATION - Strip: 65 mm · Frame: 46 mm · Sash: 127 mm
RENOVIERUNG - Flosse: 65 mm · Rahmen: 46 mm · Flügel: 127 mm
RINNOVAZIONE - Aletta da: 65 mm · Telaio: 46 mm · Anta: 127 mm
RENOVATIE - Vin: 65 mm · Kozijn: 46 mm · Vleugel: 127 mm



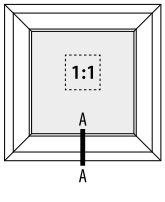


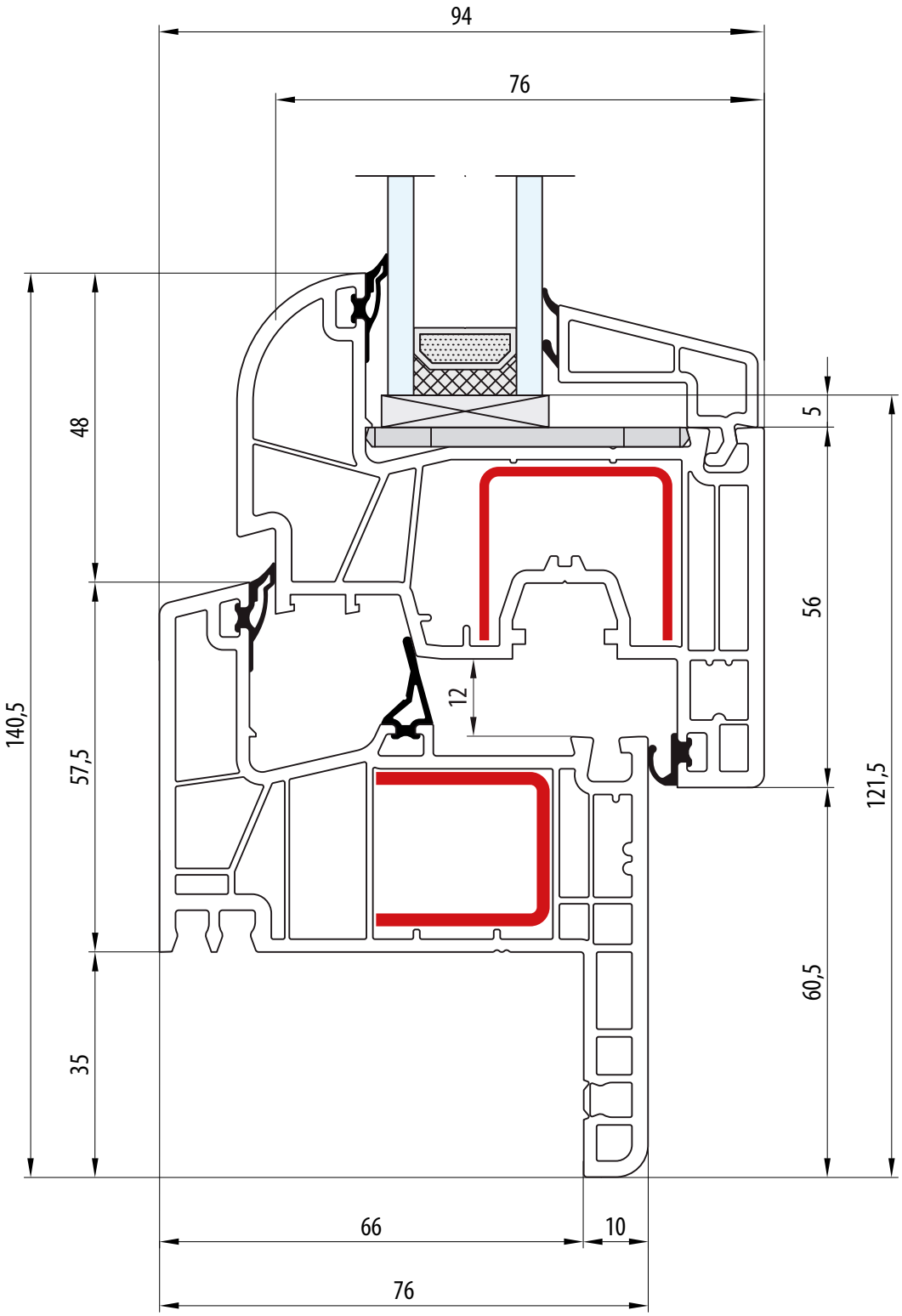
RENOWACJA - Płetwa: 35 mm · Rama: 57,5 mm
RÉNOVATION - Lip: 35 mm · Dormant: 57,5 mm
RENOVATION - Strip: 35 mm · Frame: 57,5 mm
RENOVIERUNG - Flosse: 35 mm · Rahmen: 57,5 mm
RINNOVAZIONE - Aletta da: 35 mm · Telaio: 57,5 mm
RENOVATIE - Vin: 35 mm · Kozijn: 57,5 mm



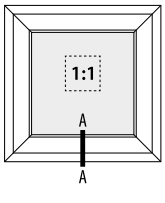


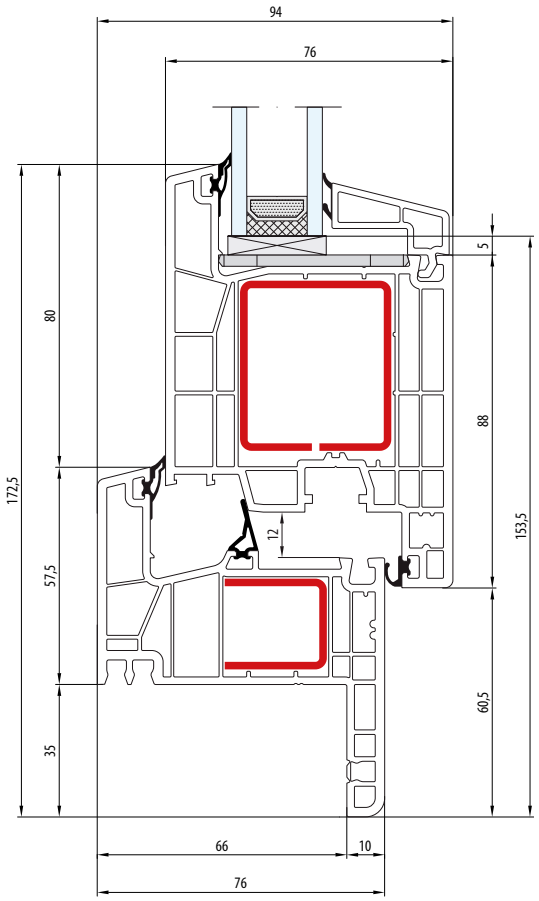
RENOWACJA - Płetwa: 35 mm · Rama: 57,5 mm · Skrzydło: 80 mm
RÉNOVATION - Lip: 35 mm · Dormant: 57,5 mm · Vantail: 80 mm
RENOVATION - Strip: 35 mm · Frame: 57,5 mm · Sash: 80 mm
RENOVIERUNG - Flosse: 35 mm · Rahmen: 57,5 mm · Flügel: 80 mm
RINNOVAZIONE - Aletta da: 35 mm · Telaio: 57,5 mm · Anta: 80 mm
RENOVATIE - Vin: 35 mm · Kozijn: 57,5 mm · Vleugel: 80 mm



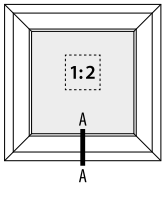


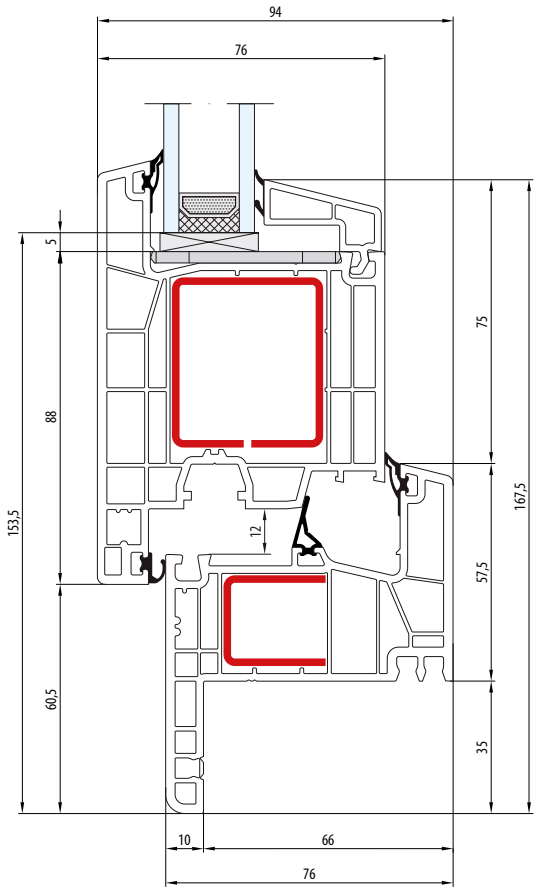
- RENOWACJA - Płetwa: 35 mm · Rama: 57,5 mm · Skrzydło: 80 mm
- RÉNOVATION - Lip: 35 mm · Dormant: 57,5 mm · Vantail: 80 mm
- RENOVATION - Strip: 35 mm · Frame: 57,5 mm · Sash: 80 mm
- RENOVIERUNG - Flosse: 35 mm · Rahmen: 57,5 mm · Flügel: 80 mm
- RINNOVAZIONE - Aletta da: 35 mm · Telaio: 57,5 mm · Anta: 80 mm
- RENOVATIE - Vin: 35 mm · Kozijn: 57,5 mm · Vleugel: 80 mm



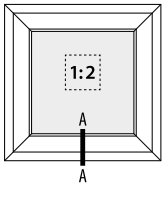


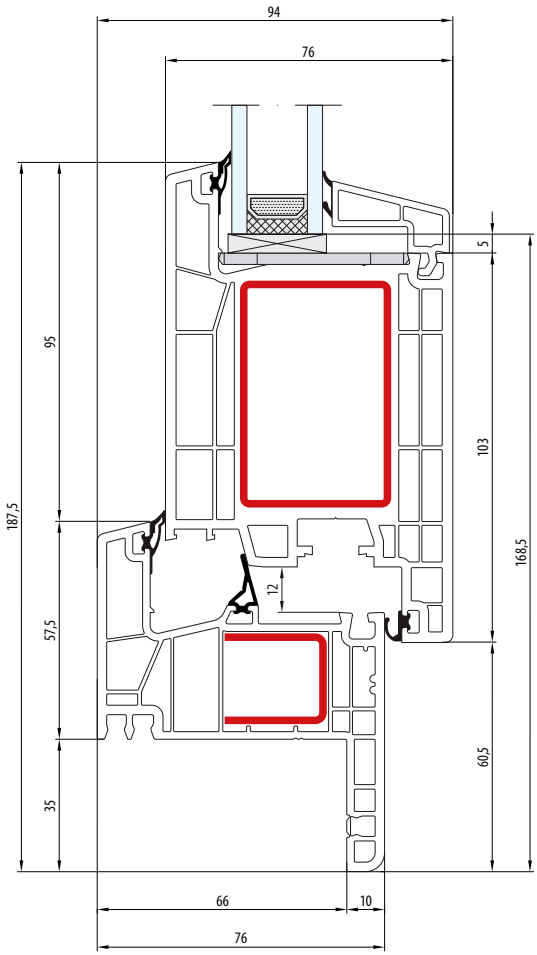
RENOWACJA - Płetwa: 35 mm · Rama: 57,5 mm · Skrzydło: 112 mm
RÉNOVATION - Lip: 35 mm · Dormant: 57,5 mm · Vantail: 112 mm
RENOVATION - Strip: 35 mm · Frame: 57,5 mm · Sash: 112 mm
RENOVIERUNG - Flosse: 35 mm · Rahmen: 57,5 mm · Flügel: 112 mm
RINNOVAZIONE - Aletta da: 35 mm · Telaio: 57,5 mm · Anta: 112 mm
RENOVATIE - Vin: 35 mm · Kozijn: 57,5 mm · Vleugel: 112 mm



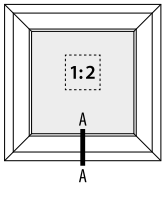


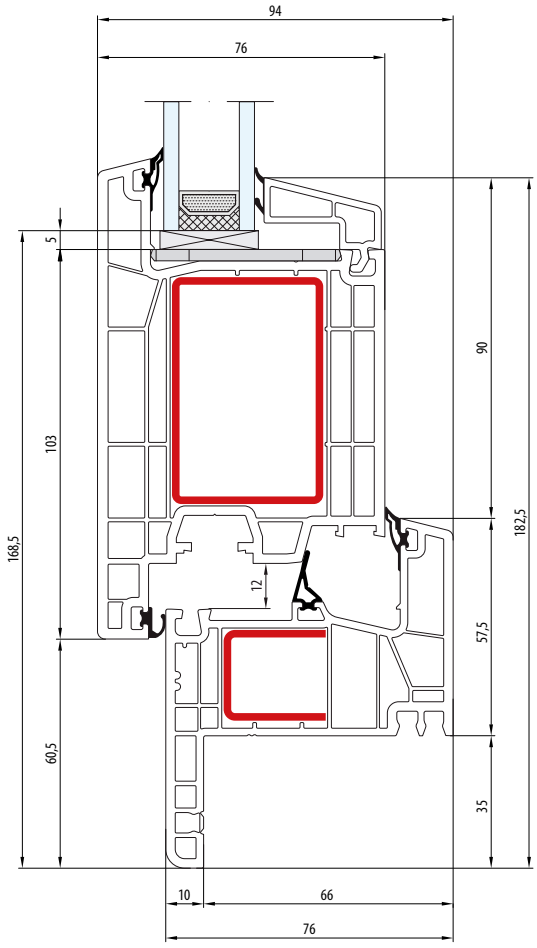
- RENOWACJA - Płetwa: 35 mm · Rama: 57,5 mm · Skrzydło: 112 mm
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- RENOVATION - Strip: 35 mm · Frame: 57,5 mm · Sash: 112 mm
- RENOVIERUNG - Flosse: 35 mm · Rahmen: 57,5 mm · Flügel: 112 mm
- RINNOVAZIONE - Aletta da: 35 mm · Telaio: 57,5 mm · Anta: 112 mm
- RENOVATIE - Vin: 35 mm · Kozijn: 57,5 mm · Vleugel: 112 mm



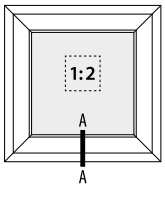


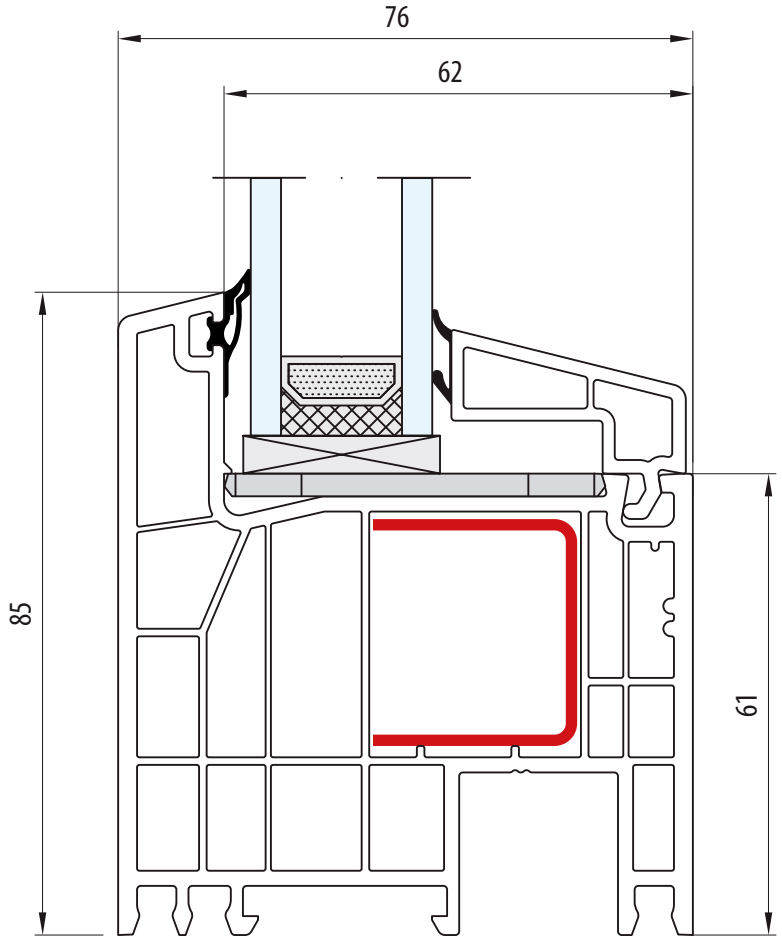
- RENOWACJA - Płetwa: 35 mm · Rama: 57,5 mm · Skrzydło: 127 mm
- RÉNOVATION - Lip: 35 mm · Dormant: 57,5 mm · Vantail: 80 mm
- RENOVATION - Strip: 35 mm · Frame: 57,5 mm · Sash: 80 mm
- RENOVIERUNG - Flosse: 35 mm · Rahmen: 57,5 mm · Flügel: 80 mm
- RINNOVAZIONE - Aletta da: 35 mm · Telaio: 57,5 mm · Anta: 80 mm
- RENOVATIE - Vin: 35 mm · Kozijn: 57,5 mm · Vleugel: 80 mm



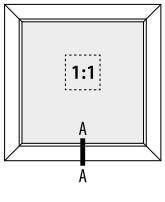


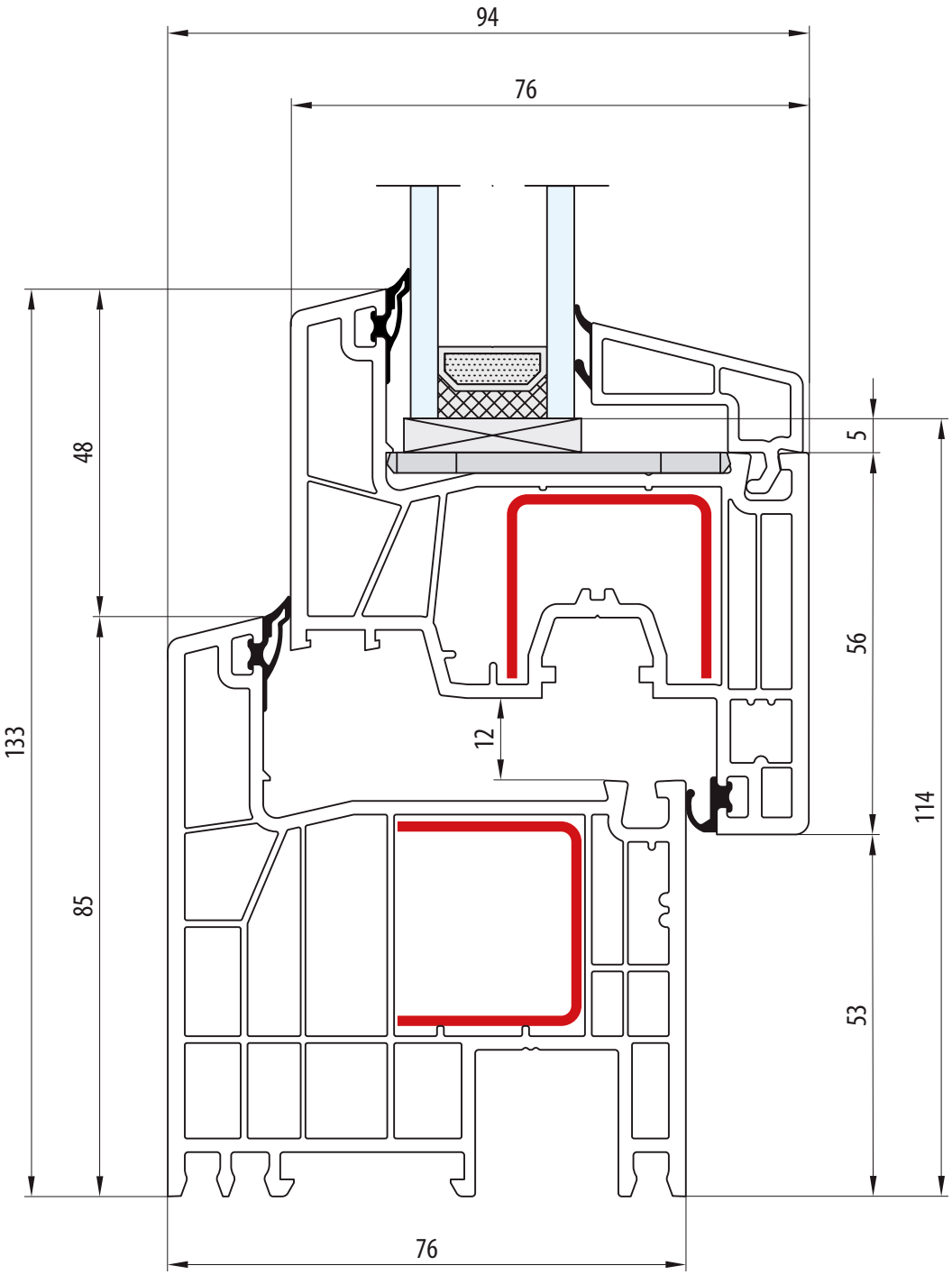
RENOWACJA - Płetwa: 35 mm · Rama: 57,5 mm · Skrzydło: 127 mm
RÉNOVATION - Lip: 35 mm · Dormant: 57,5 mm · Vantail: 104 mm
RENOVATION - Strip: 35 mm · Frame: 57,5 mm · Sash: 104 mm
RENOVIERUNG - Flosse: 35 mm · Rahmen: 57,5 mm · Flügel: 104 mm
RINNOVAZIONE - Aletta da: 35 mm · Telaio: 57,5 mm · Anta: 104 mm
RENOVATIE - Vin: 35 mm · Kozijn: 57,5 mm · Vleugel: 104 mm



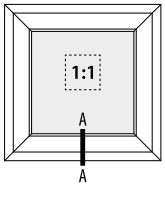


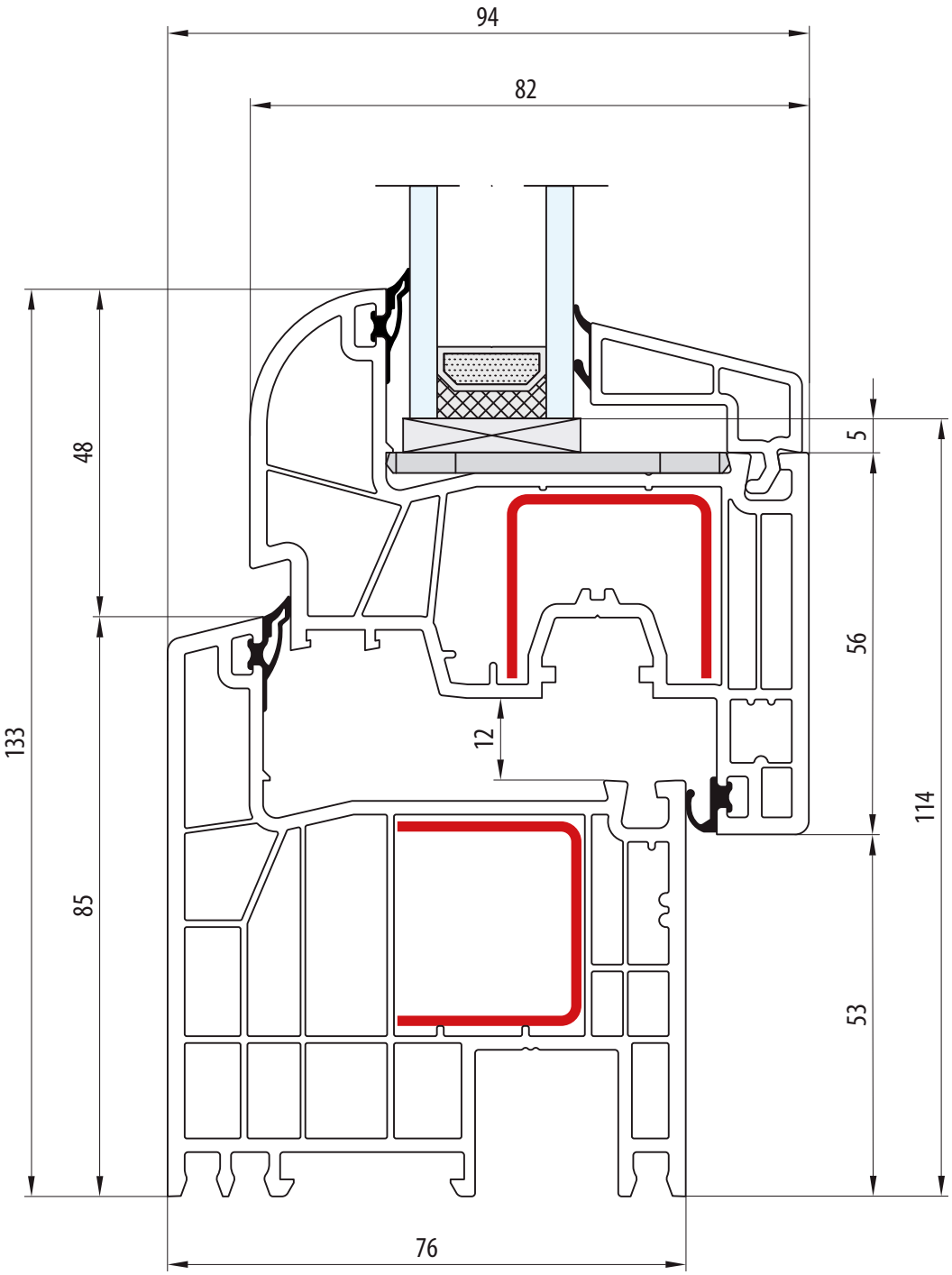
Rama: 85 mm
Dormant: 85 mm
Frame: 85 mm
Rahmen: 85 mm
Telaio: 85 mm
Kozijn: 85 mm



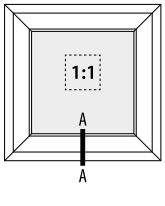


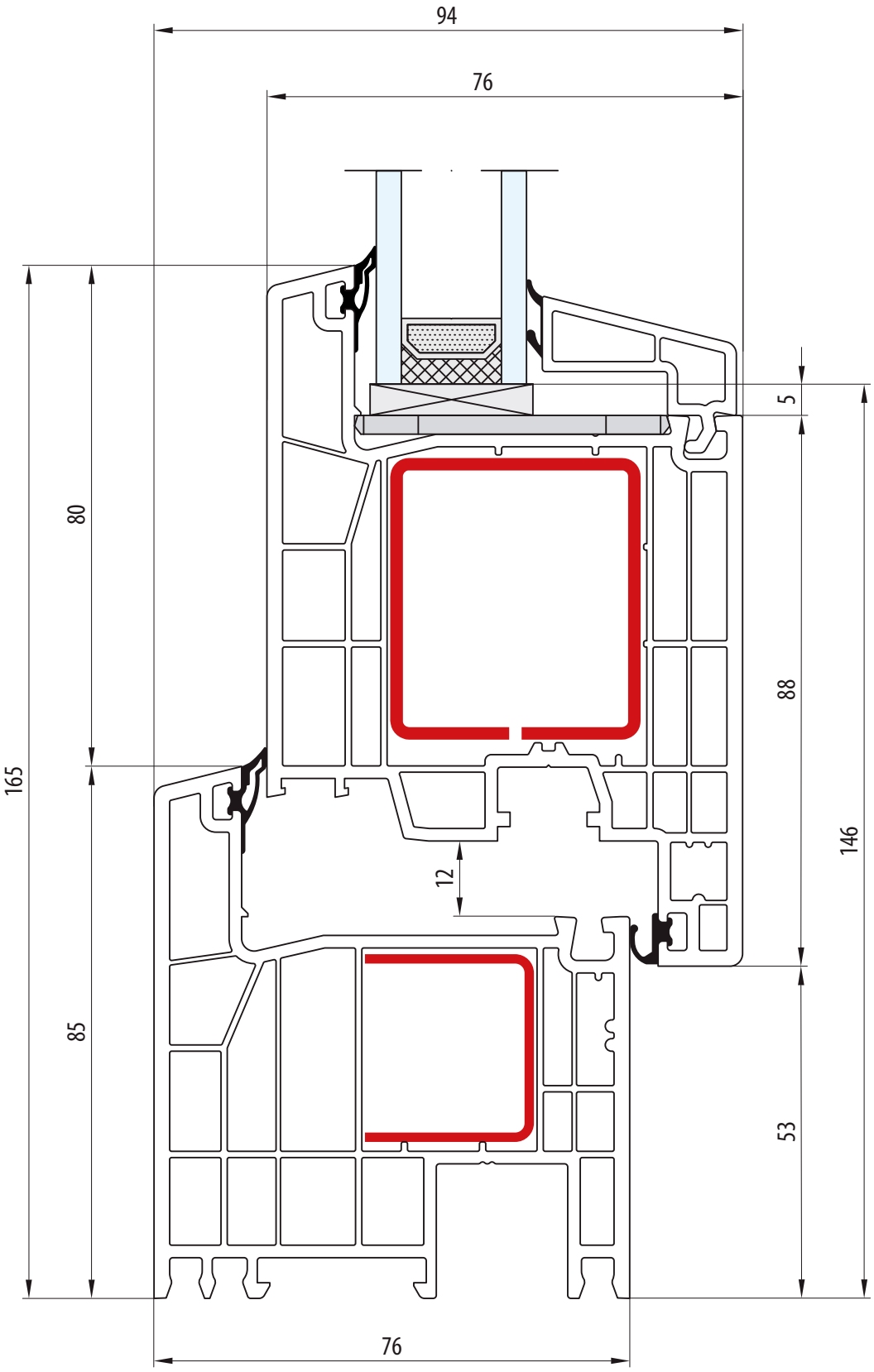
- Rama: 85 mm · Skrzydło: 80 mm
- Dormant: 85 mm · Vantail: 80 mm
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- Rahmen: 85 mm · Flügel: 80 mm
- Telaio: 85 mm · Anta: 80 mm
- Kozijn: 85 mm · Vleugel: 80 mm



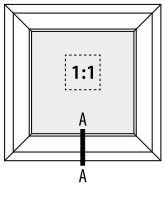


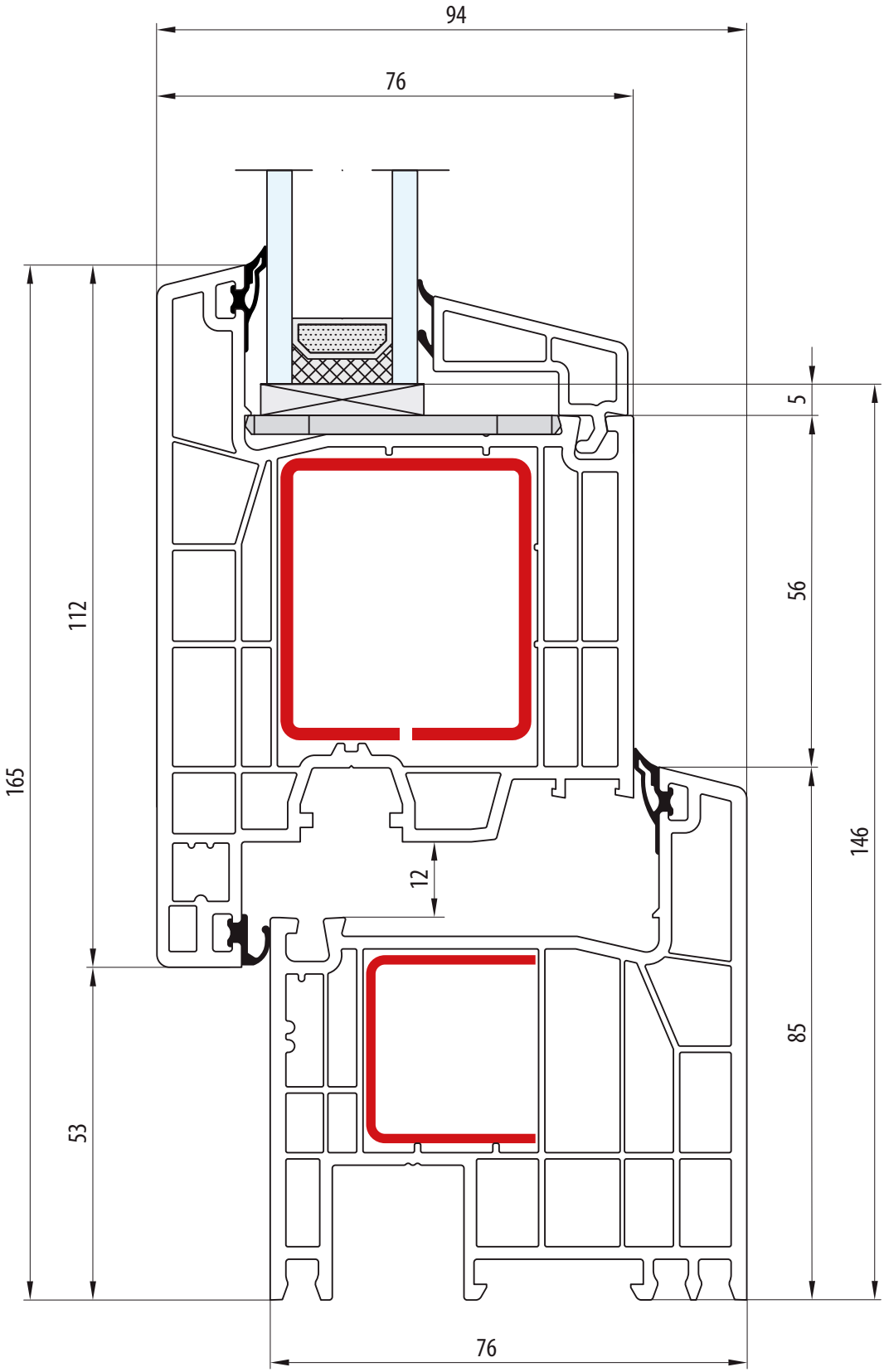
Rama: 85 mm · Skrzydło: 80 mm
Dormant: 85 mm · Vantail: 80 mm
Frame: 85 mm · Sash: 80 mm
Rahmen: 85 mm · Flügel: 80 mm
Telaio: 85 mm · Anta: 80 mm
Kozijn: 85 mm · Vleugel: 80 mm



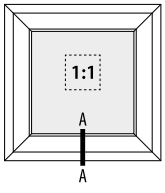


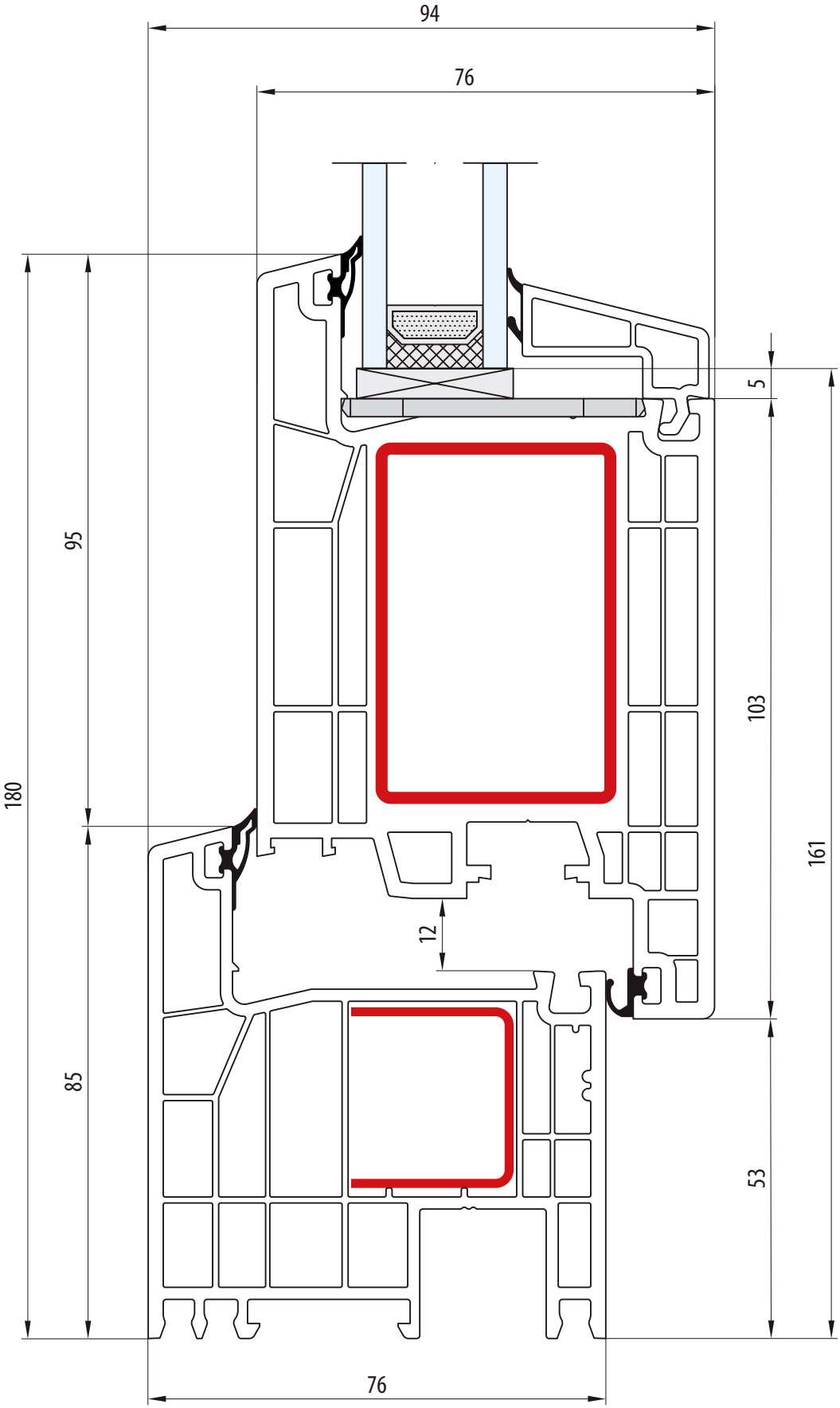
- Rama: 85 mm · Skrzydło: 112 mm
- Dormant: 85 mm · Vantail: 112 mm
- Frame: 85 mm · Sash: 112 mm
- Rahmen: 85 mm · Flügel: 112 mm
- Telaio: 85 mm · Anta: 112 mm
- Kozijn: 85 mm · Vleugel: 112 mm



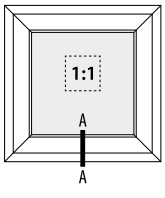


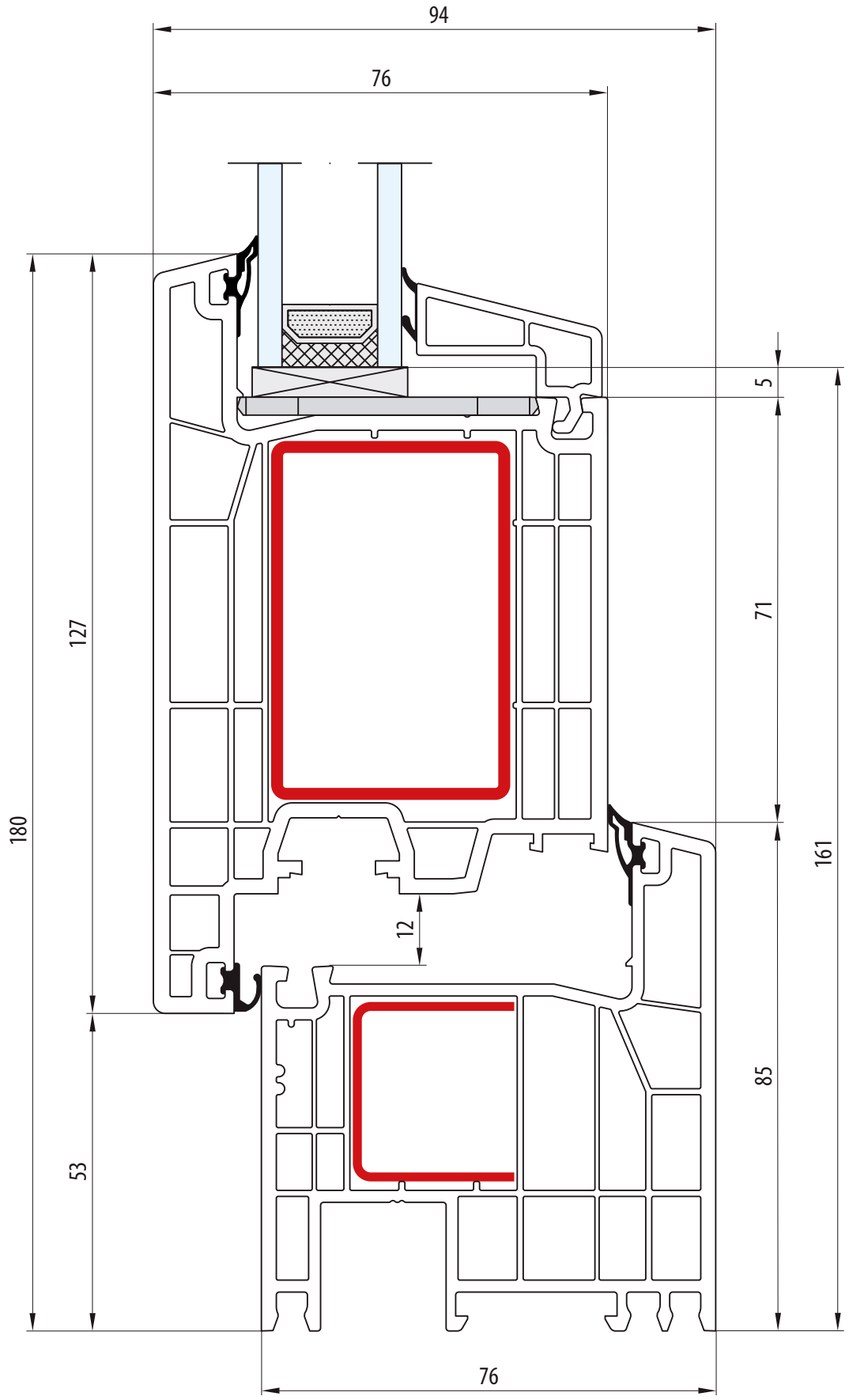
Rama: 85 mm · Skrzydło: 112 mm
Dormant: 85 mm · Vantail: 112 mm
Frame: 85 mm · Sash: 112 mm
Rahmen: 85 mm · Flügel: 112 mm
Telaio: 85 mm · Anta: 112 mm
Kozijn: 85 mm · Vleugel: 112 mm



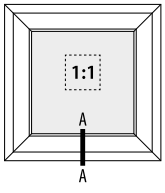


- Rama: 85 mm · Skrzydło: 127 mm
- Dormant: 85 mm · Vantail: 127 mm
- Frame: 85 mm · Sash: 127 mm
- Rahmen: 85 mm · Flügel: 127 mm
- Telaio: 85 mm · Anta: 127 mm
- Kozijn: 85 mm · Vleugel: 127 mm



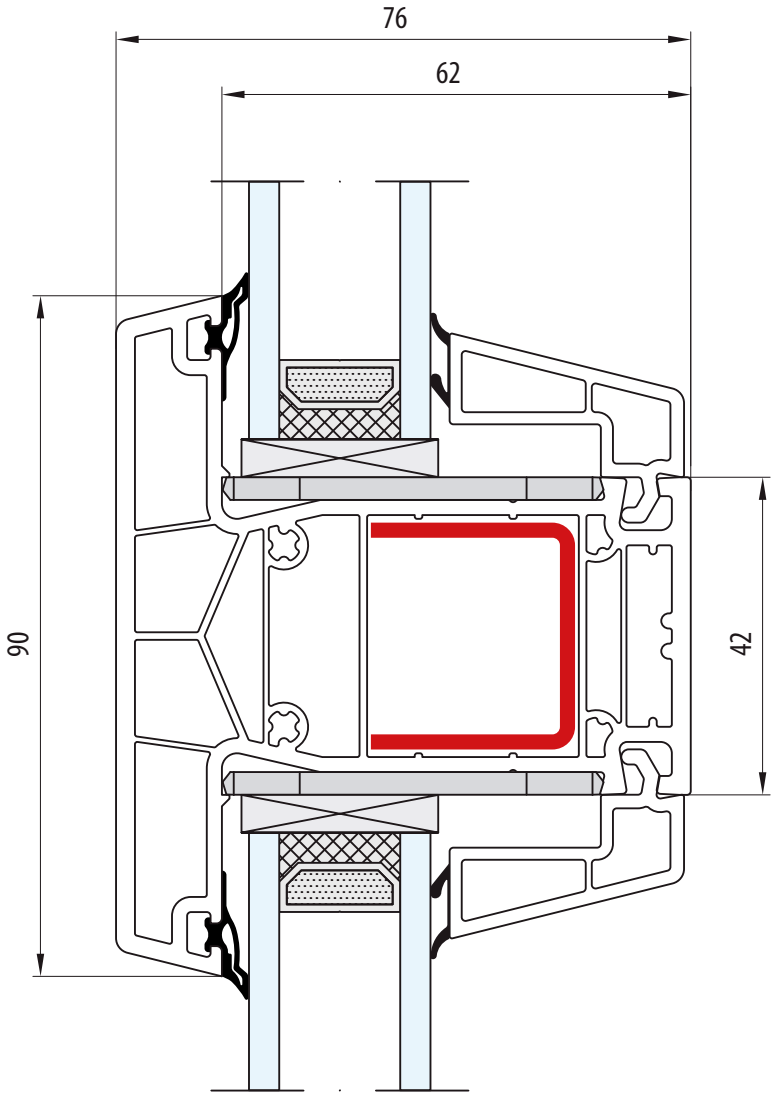


- Rama: 85 mm · Skrzydło: 127 mm
- Dormant: 85 mm · Vantail: 127 mm
- Frame: 85 mm · Sash: 127 mm
- Rahmen: 85 mm · Flügel: 127 mm
- Telaio: 85 mm · Anta: 127 mm
- Kozijn: 85 mm · Vleugel: 127 mm

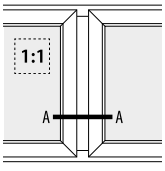


CL

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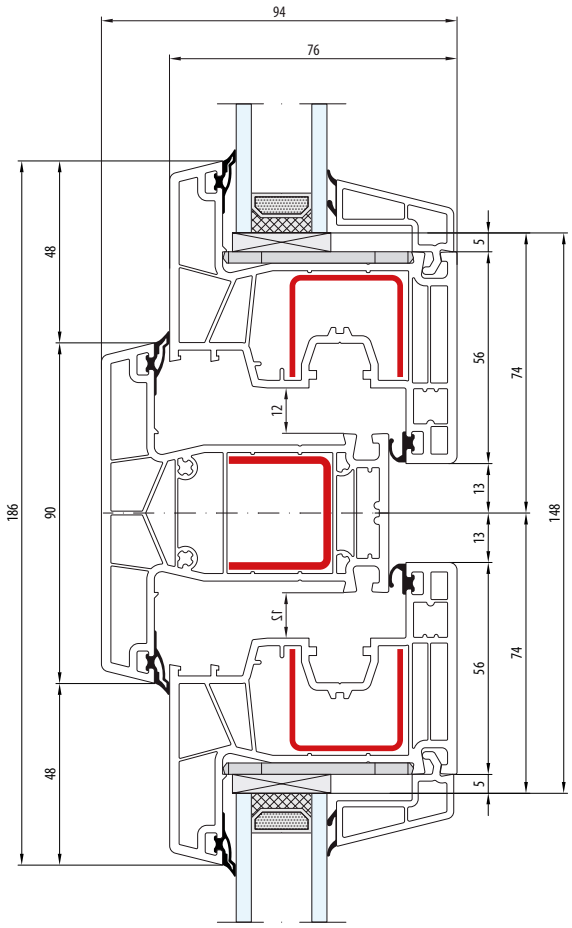


Słupek stały: 90 mm
Meneau fixe: 90 mm
Fix post: 90 mm
Festem Pfahl:90 mm
Montante fisso: 90 mm
Vaste stijl: 90 mm

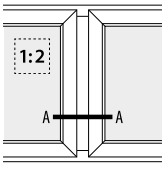


CL

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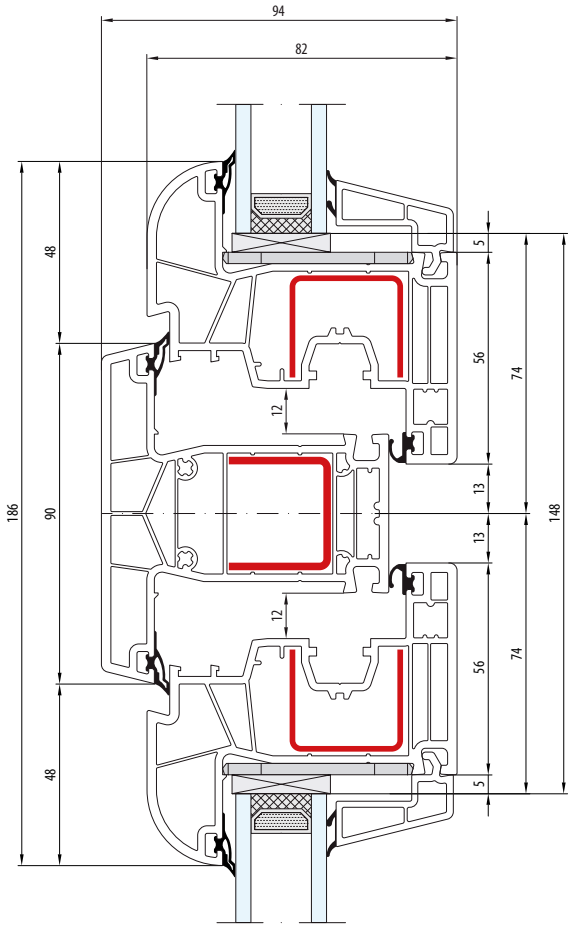


- Słupek stały: 90 mm · Skrzydło: 80 mm
- Meneau fixe: 90 mm · Vantail: 80 mm
- Fix post: 90 mm · Sash: 80 mm
- Festem Pfahl: 90 mm · Flügel: 80 mm
- Montante fisso: 90 mm · Anta: 80 mm
- Vaste stijl: 90 mm · Vleugel: 80 mm

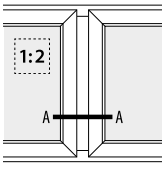


RL

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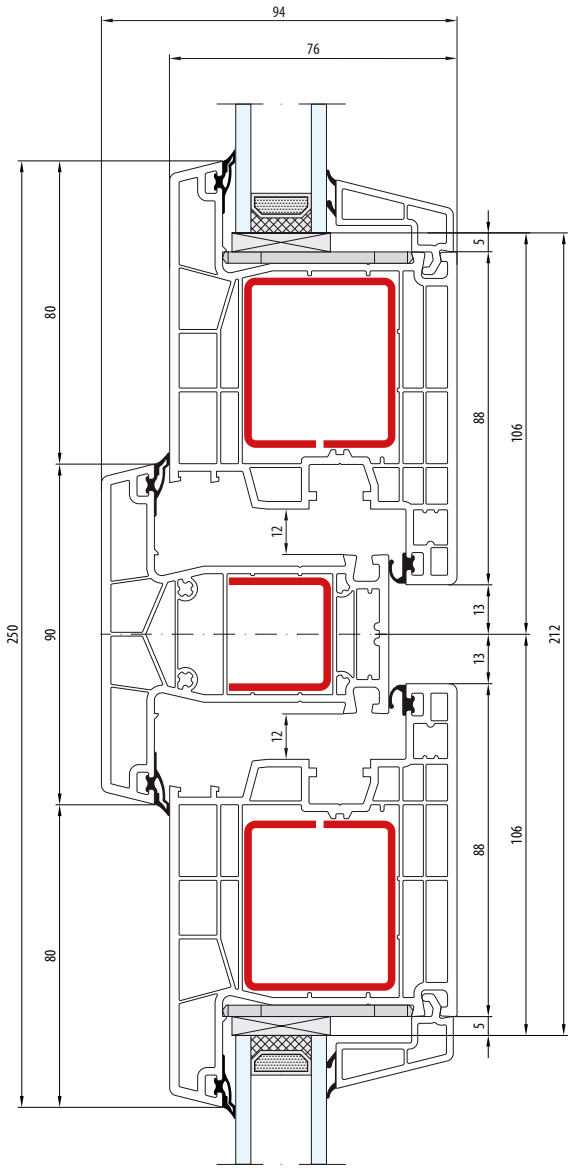


- Słupek stały: 90 mm · Skrzydło: 80 mm
- Meneau fixe: 90 mm · Vantail: 80 mm
- Fix post: 90 mm · Sash: 80 mm
- Festem Pfahl: 90 mm · Flügel: 80 mm
- Montante fisso: 90 mm · Anta: 80 mm
- Vaste stijl: 90 mm · Vleugel: 80 mm

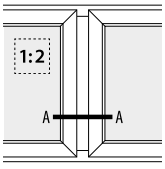


CL

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- Słupek stały: 90 mm · Skrzydło: 112 mm
- Meneau fixe: 90 mm · Vantail: 112 mm
- Fix post: 90 mm · Sash: 112 mm
- Festem Pfahl: 90 mm · Flügel: 112 mm
- Montante fisso: 90 mm · Anta: 112 mm
- Vaste stijl: 90 mm · Vleugel: 112 mm

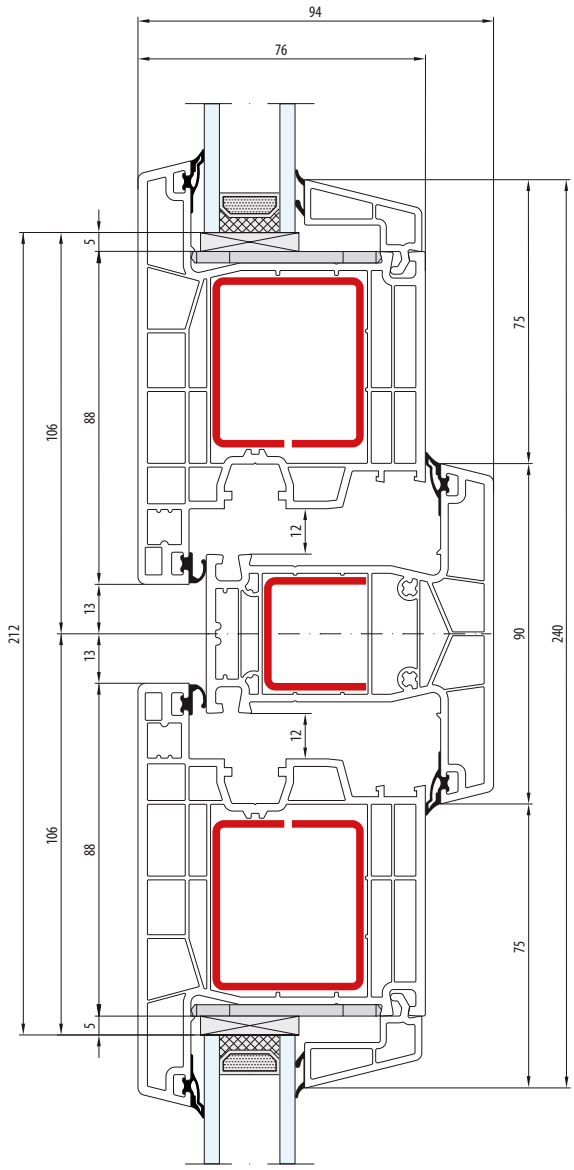




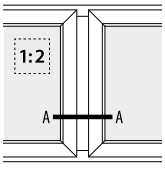






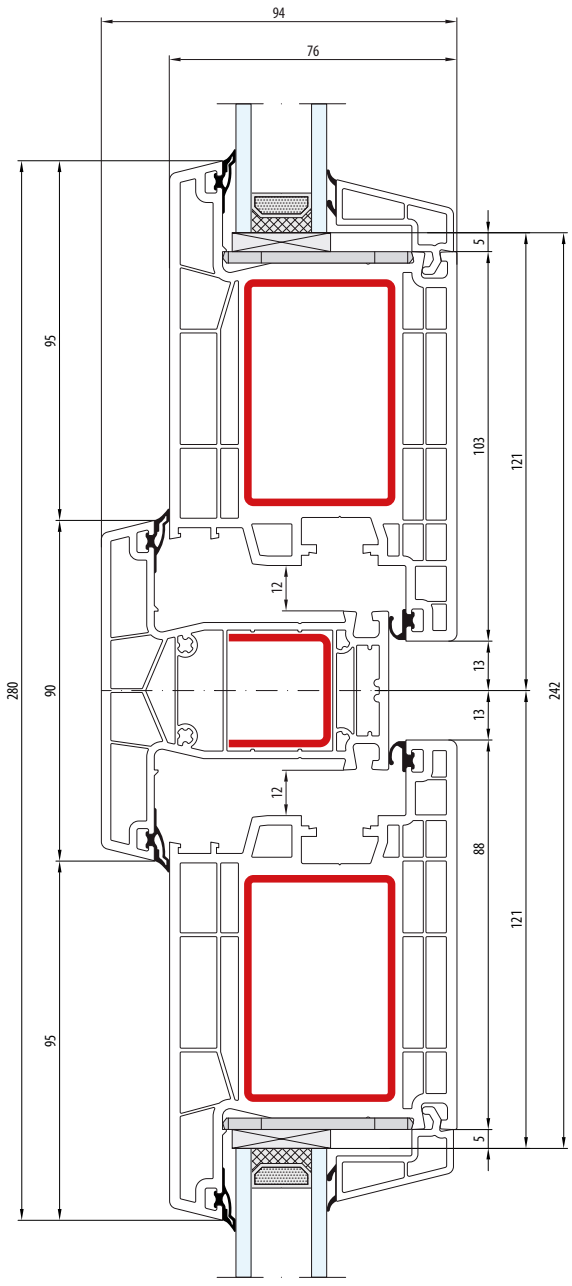


- Słupek stały: 90 mm · Skrzydło: 112 mm
- Meneau fixe: 90 mm · Vantail: 112 mm
- Fix post: 90 mm · Sash: 112 mm
- Festem Pfahl: 90 mm · Flügel: 112 mm
- Montante fisso: 90 mm · Anta: 112 mm
- Vaste stijl: 90 mm · Vleugel: 112 mm

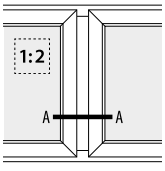


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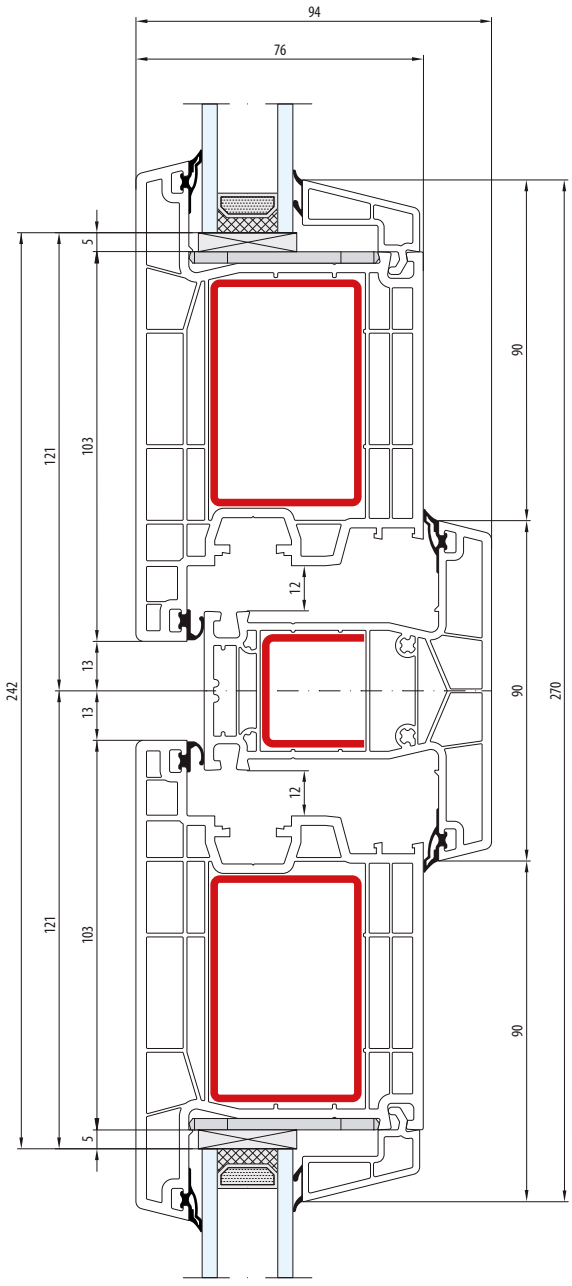


- Słupek stały: 90 mm · Skrzydło: 127 mm
- Meneau fixe: 90 mm · Vantail: 127 mm
- Fix post: 90 mm · Sash: 127 mm
- Festem Pfahl: 90 mm · Flügel: 127 mm
- Montante fisso: 90 mm · Anta: 127 mm
- Vaste stijl: 90 mm · Vleugel: 127 mm

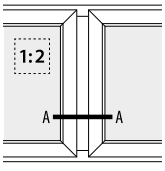


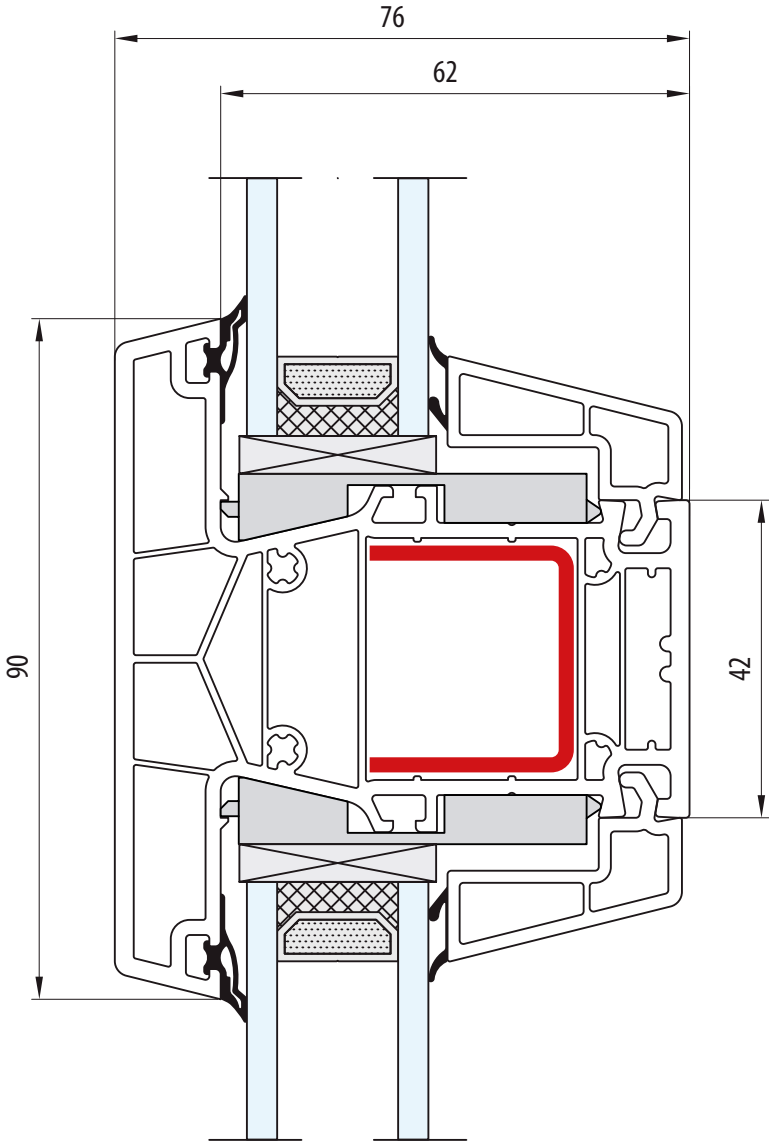
CL

SL CL RL H

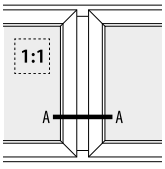


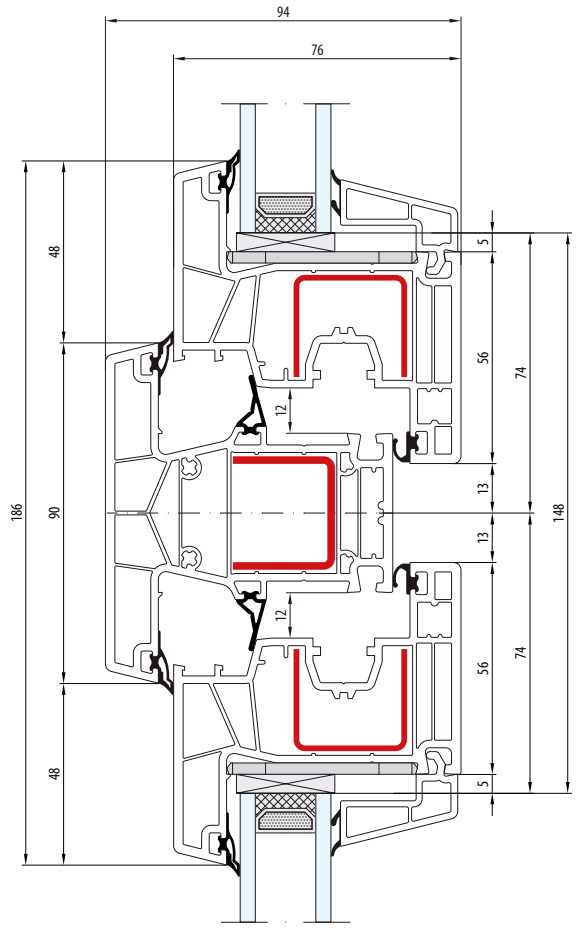
- Słupek stały: 90 mm · Skrzydło: 127 mm
- Meneau fixe: 90 mm · Vantail: 127 mm
- Fix post: 90 mm · Sash: 127 mm
- Festem Pfahl: 90 mm · Flügel: 127 mm
- Montante fisso: 90 mm · Anta: 127 mm
- Vaste stijl: 90 mm · Vleugel: 127 mm



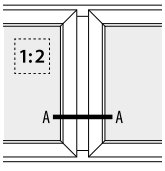


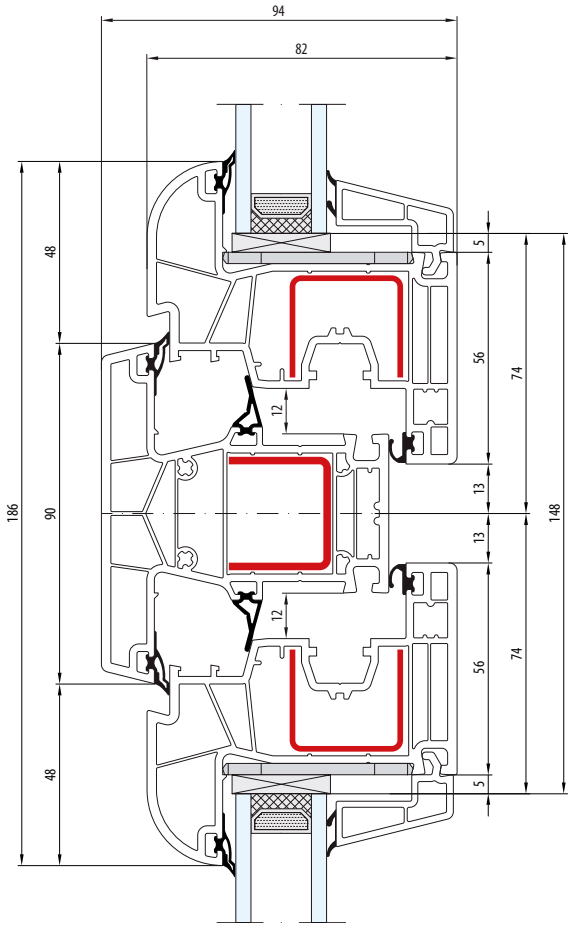
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- Fix post: 90 mm
- Festem Pfahl:90 mm
- Montante fisso: 90 mm
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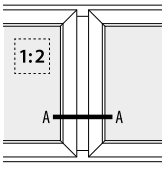


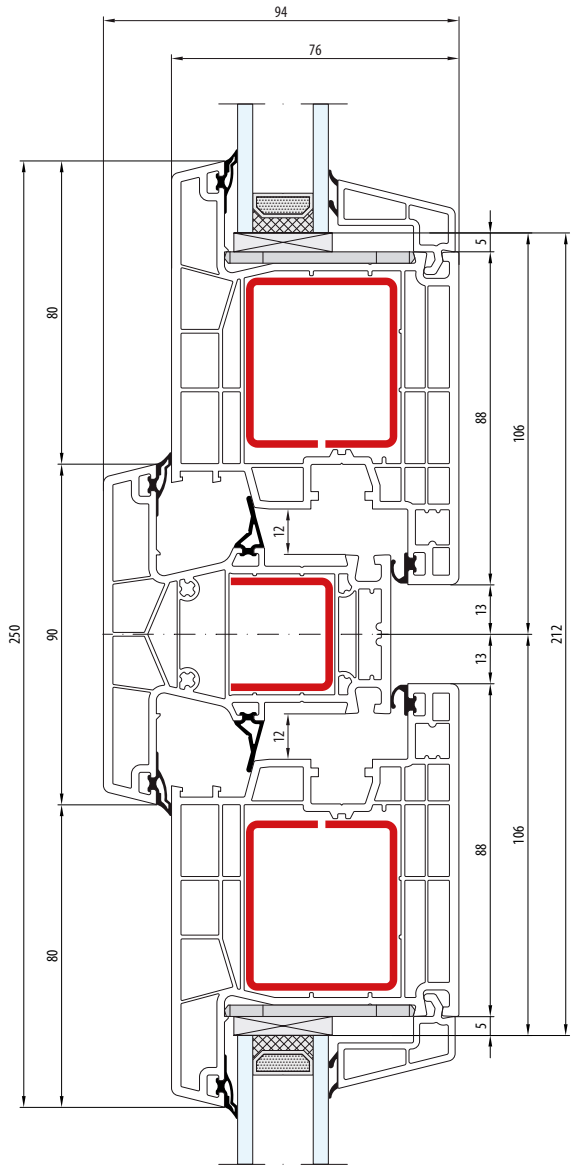
- Słupek stały: 90 mm · Skrzydło: 80 mm
- Meneau fixe: 90 mm · Vantail: 80 mm
- Fix post: 90 mm · Sash: 80 mm
- Festem Pfahl: 90 mm · Flügel: 80 mm
- Montante fisso: 90 mm · Anta: 80 mm
- Vaste stijl: 90 mm · Vleugel: 80 mm



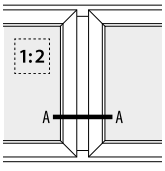


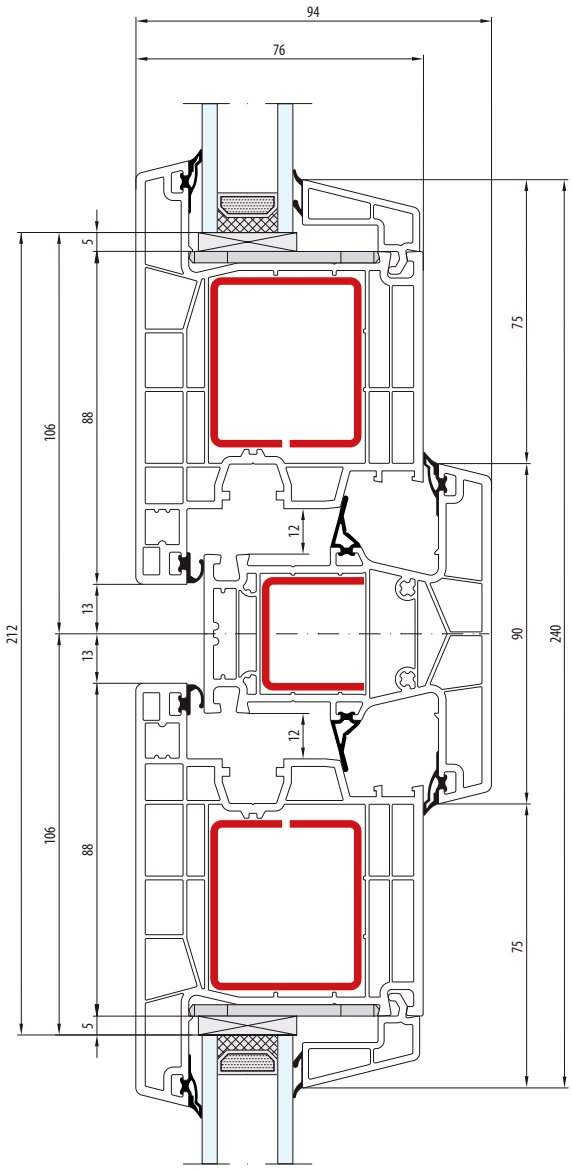
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- Fix post: 90 mm · Sash: 80 mm
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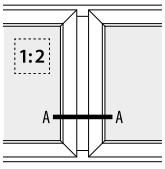


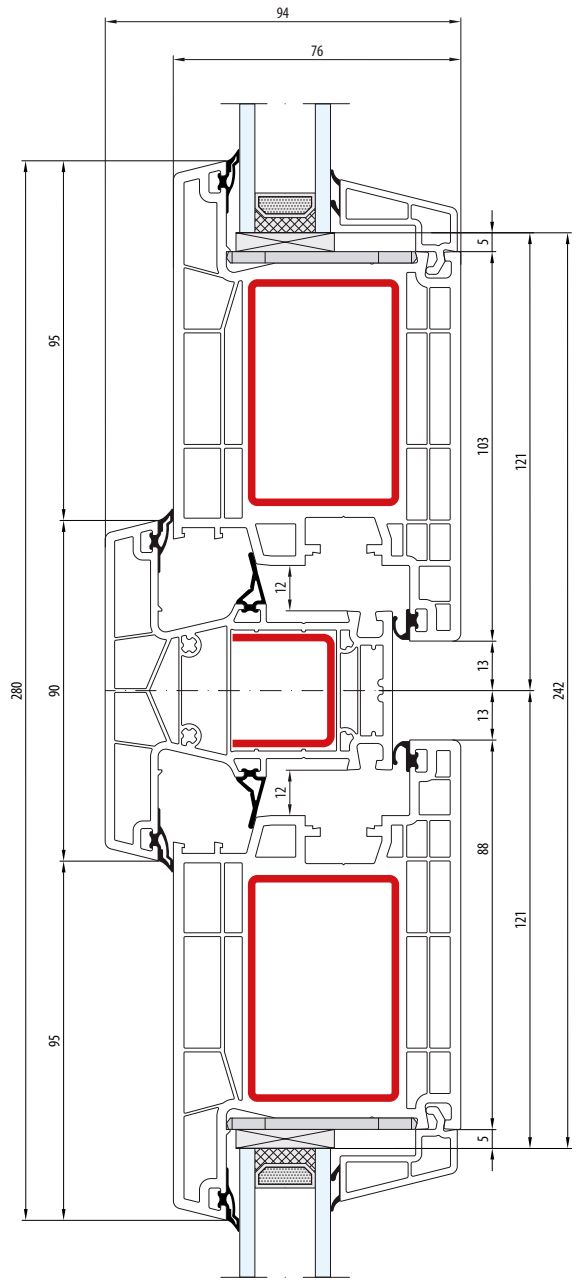
- Słupek stały: 90 mm · Skrzydło: 112 mm
- Meneau fixe: 90 mm · Vantail: 112 mm
- Fix post: 90 mm · Sash: 112 mm
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- Vaste stijl: 90 mm · Vleugel: 112 mm



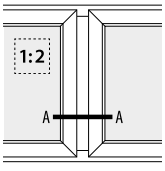


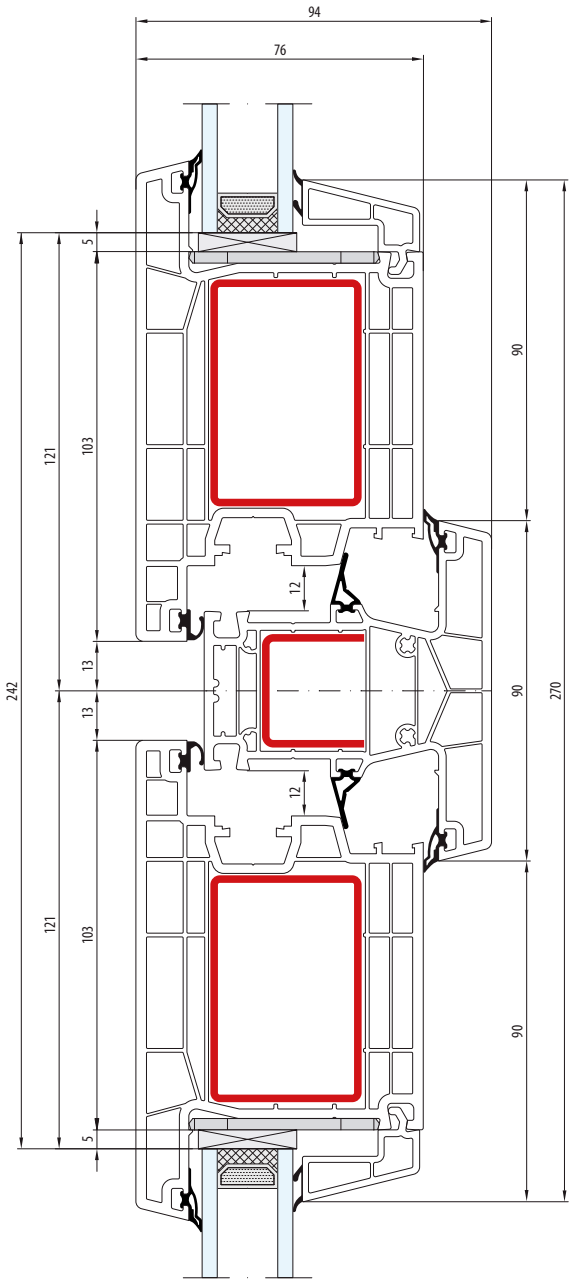
- Słupek stały: 90 mm · Skrzydło: 112 mm
- Meneau fixe: 90 mm · Vantail: 112 mm
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- Vaste stijl: 90 mm · Vleugel: 112 mm



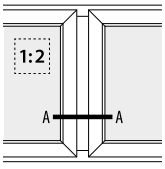


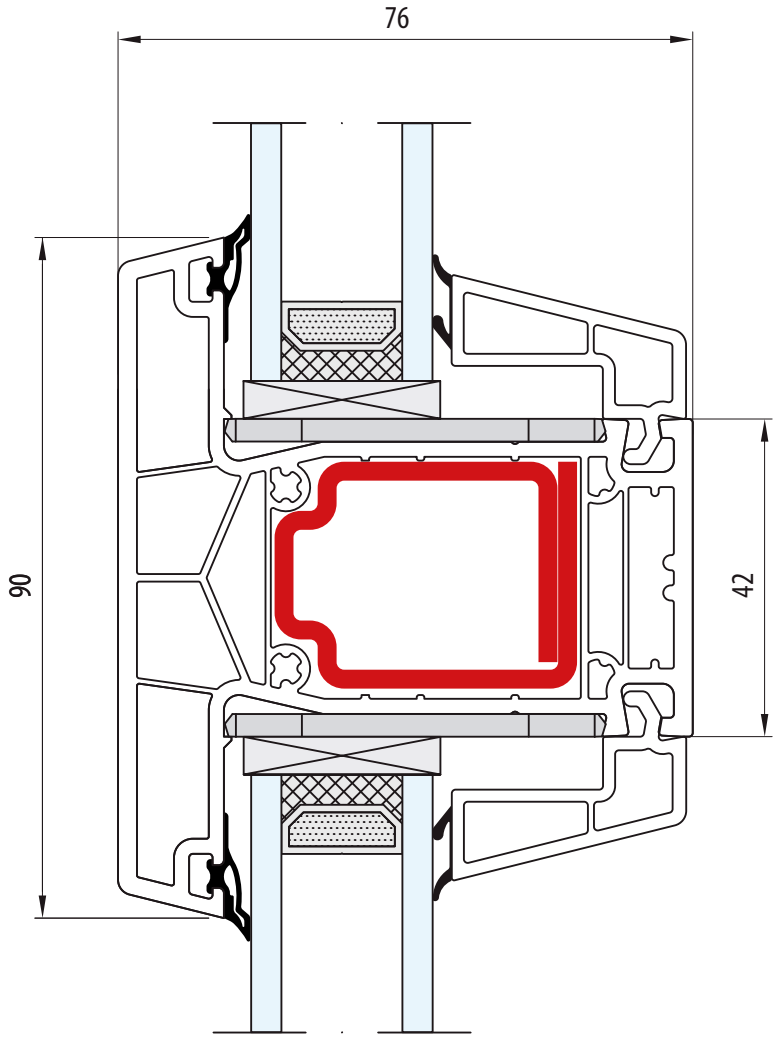
- Słupek stały: 90 mm · Skrzydło: 127 mm
- Meneau fixe: 90 mm · Vantail: 127 mm
- Fix post: 90 mm · Sash: 127 mm
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- Vaste stijl: 90 mm · Vleugel: 127 mm



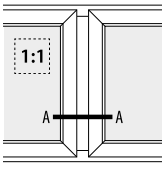


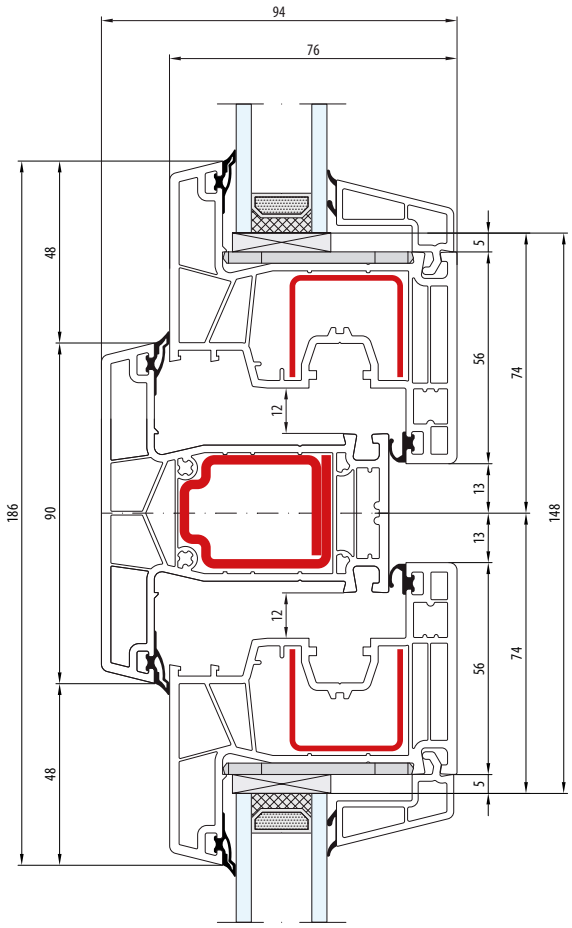
- Słupek stały: 90 mm · Skrzydło: 127 mm
- Meneau fixe: 90 mm · Vantail: 127 mm
- Fix post: 90 mm · Sash: 127 mm
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- Vaste stijl: 90 mm · Vleugel: 127 mm



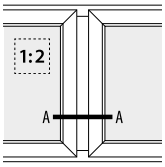


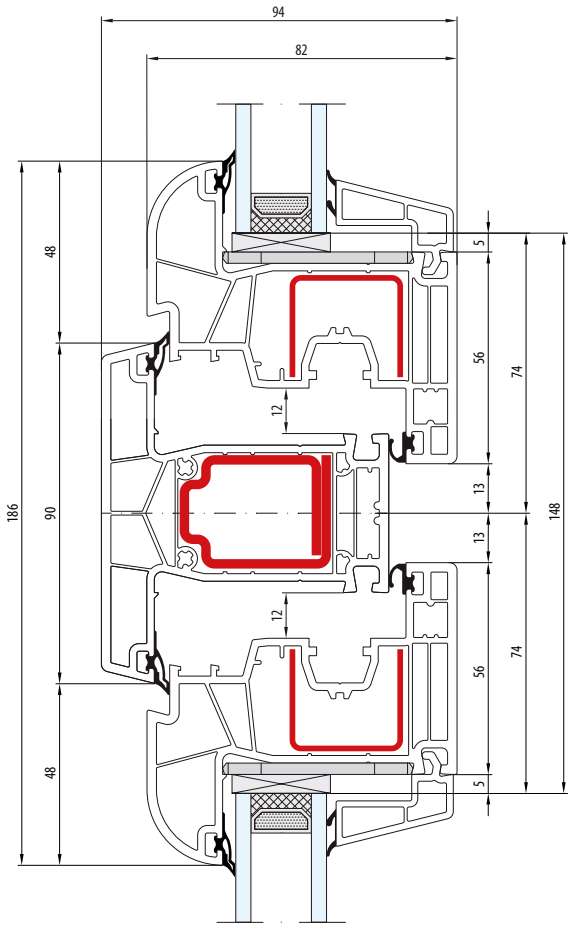
- Słupek stały: 90 mm
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- Montante fisso: 90 mm
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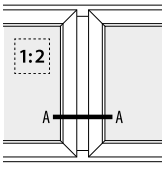


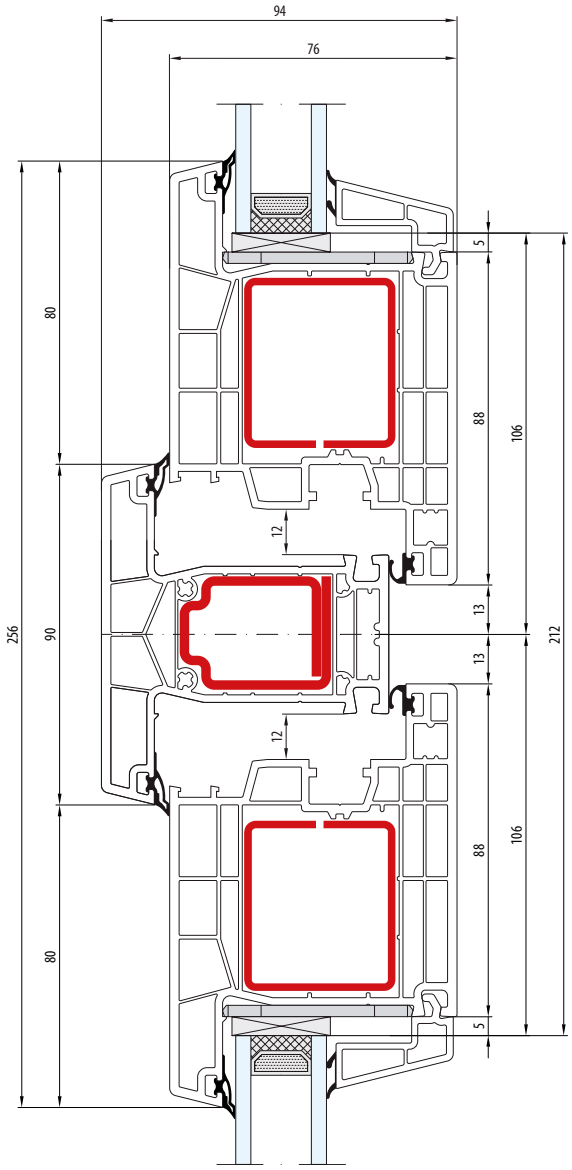
- Słupek stały: 90 mm · Skrzydło: 80 mm
- Meneau fixe: 90 mm · Vantail: 80 mm
- Fix post: 90 mm · Sash: 80 mm
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- Vaste stijl: 90 mm · Vleugel: 80 mm



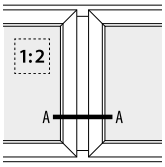


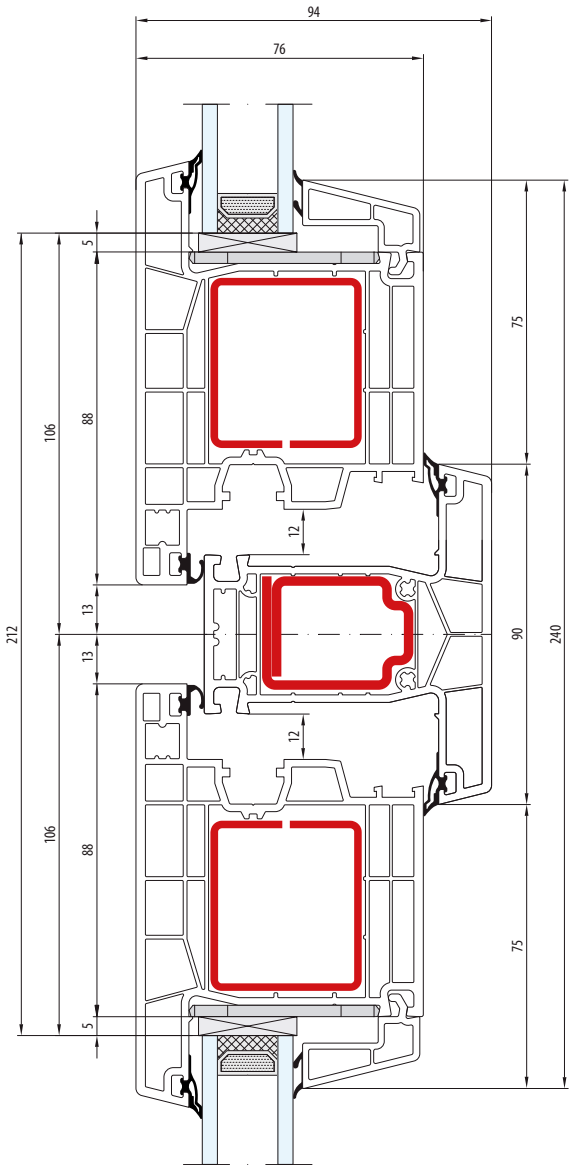
- Słupek stały: 90 mm · Skrzydło: 80 mm
- Meneau fixe: 90 mm · Vantail: 80 mm
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- Festem Pfahl: 90 mm · Flügel: 80 mm
- Montante fisso: 90 mm · Anta: 80 mm
- Vaste stijl: 90 mm · Vleugel: 80 mm



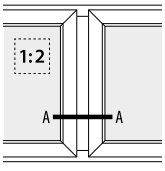


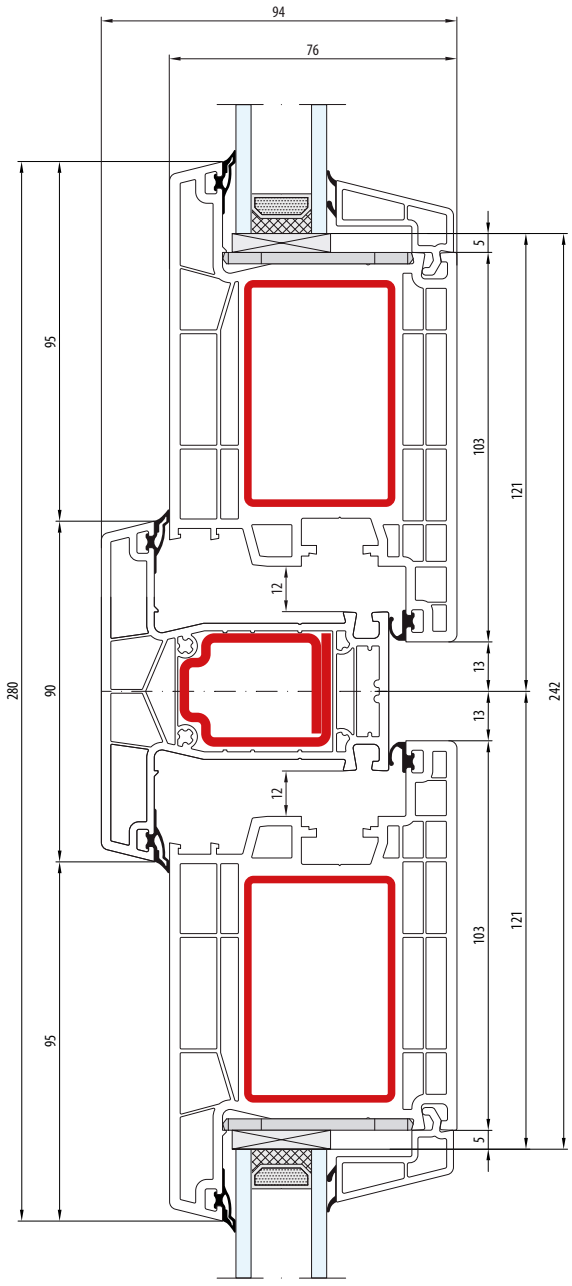
- Słupek stały: 90 mm · Skrzydło: 112 mm
- Meneau fixe: 90 mm · Vantail: 112 mm
- Fix post: 90 mm · Sash: 112 mm
- Festem Pfahl: 90 mm · Flügel: 112 mm
- Montante fisso: 90 mm · Anta: 112 mm
- Vaste stijl: 90 mm · Vleugel: 112 mm



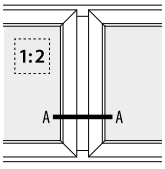


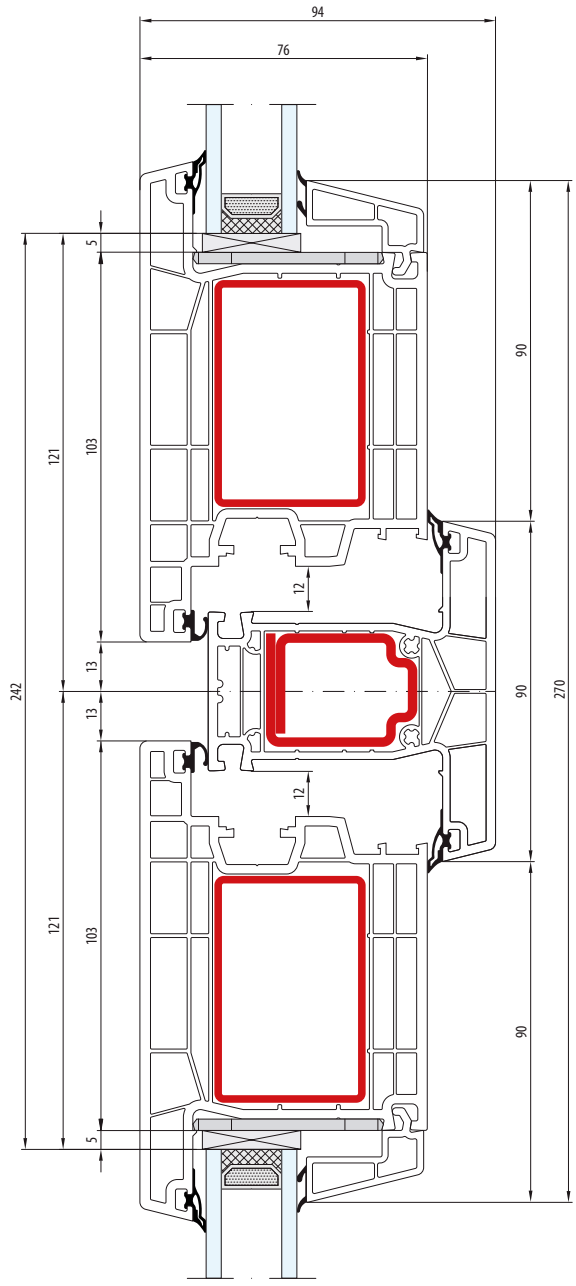
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- Fix post: 90 mm · Sash: 112 mm
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- Vaste stijl: 90 mm · Vleugel: 112 mm



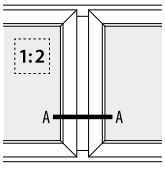


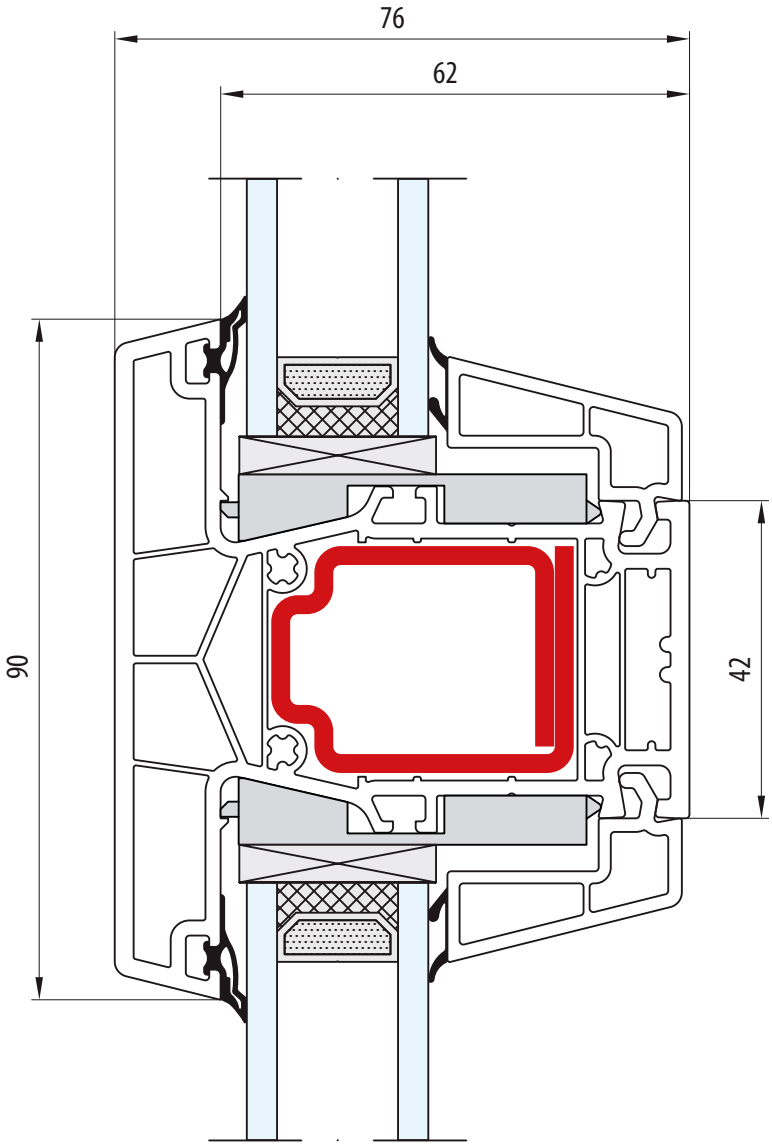
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- Fix post: 90 mm · Sash: 127 mm
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- Montante fisso: 90 mm · Anta: 127 mm
- Vaste stijl: 90 mm · Vleugel: 127 mm



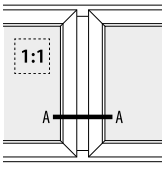


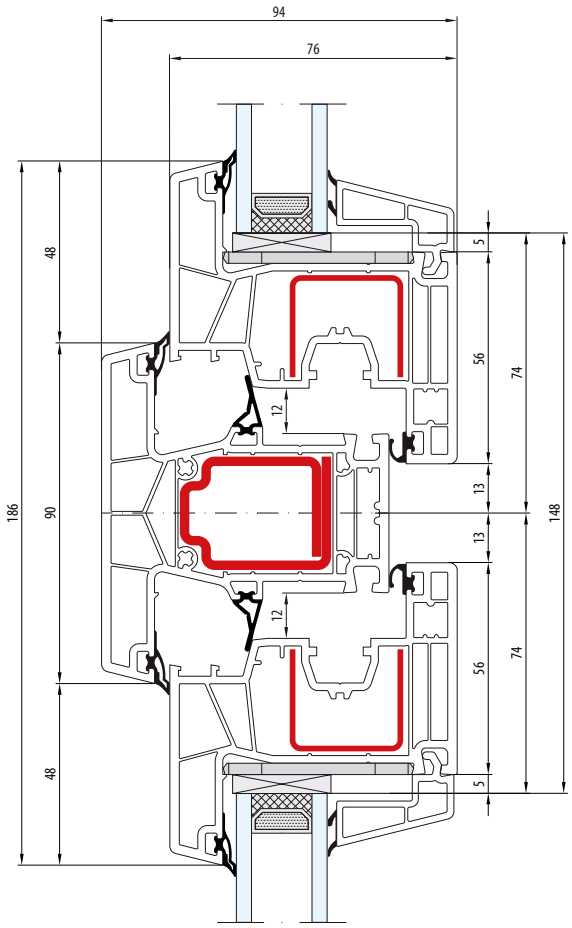
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- Vaste stijl: 90 mm · Vleugel: 127 mm



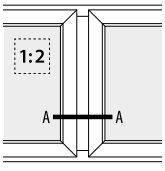


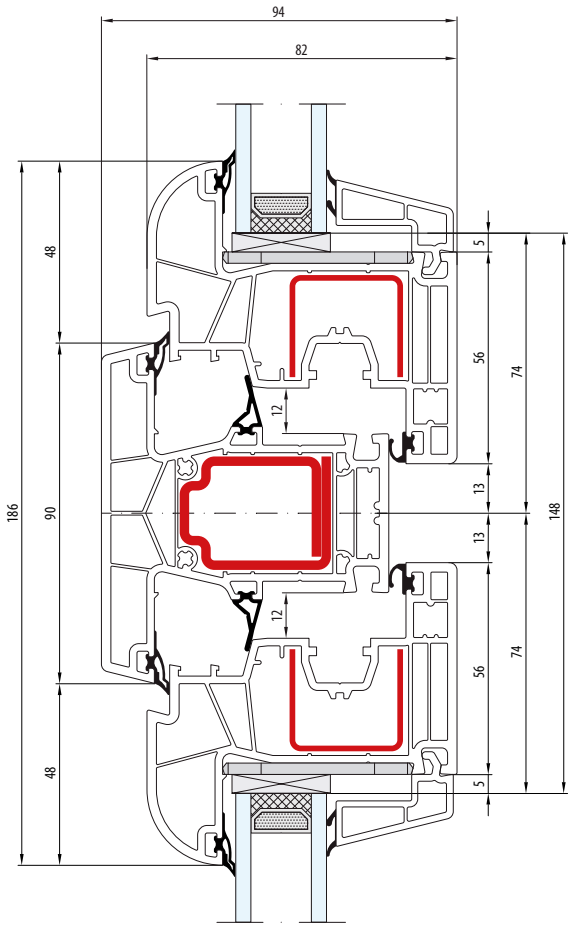
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- Fix post: 90 mm
- Festem Pfahl:90 mm
- Montante fisso: 90 mm
- Vaste stijl: 90 mm



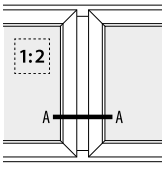


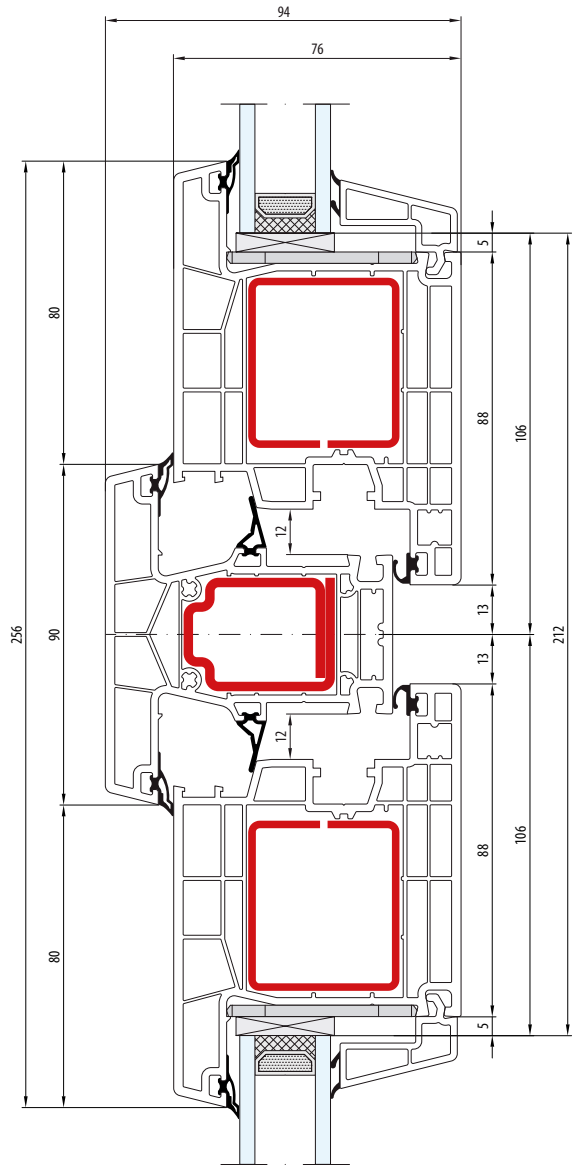
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- Fix post: 90 mm · Sash: 80 mm
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- Montante fisso: 90 mm · Anta: 80 mm
- Vaste stijl: 90 mm · Vleugel: 80 mm



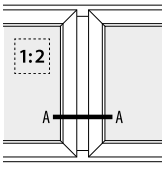


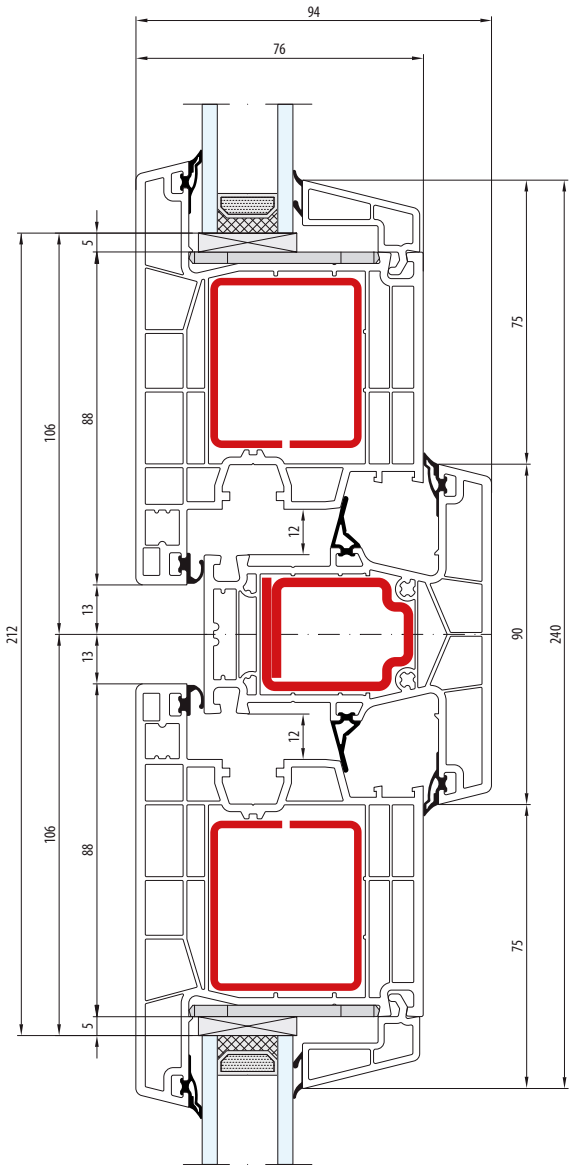
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- Fix post: 90 mm · Sash: 80 mm
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- Montante fisso: 90 mm · Anta: 80 mm
- Vaste stijl: 90 mm · Vleugel: 80 mm



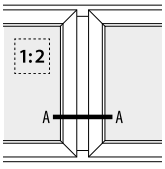


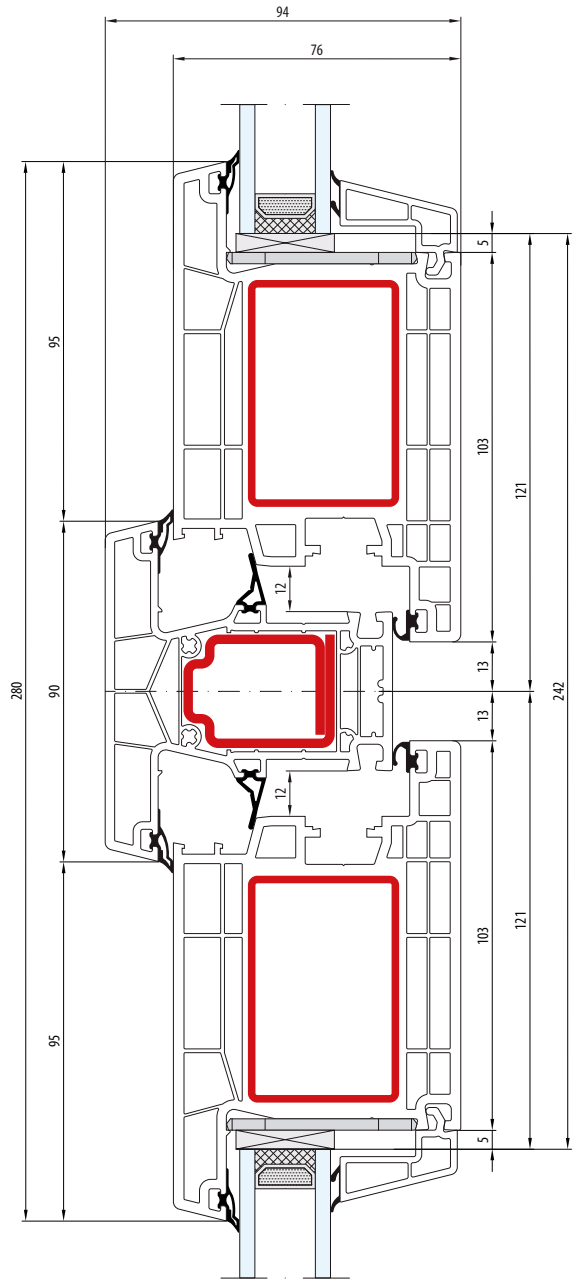
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- Fix post: 90 mm · Sash: 112 mm
- Festem Pfahl: 90 mm · Flügel: 112 mm
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- Vaste stijl: 90 mm · Vleugel: 112 mm



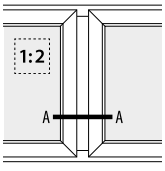


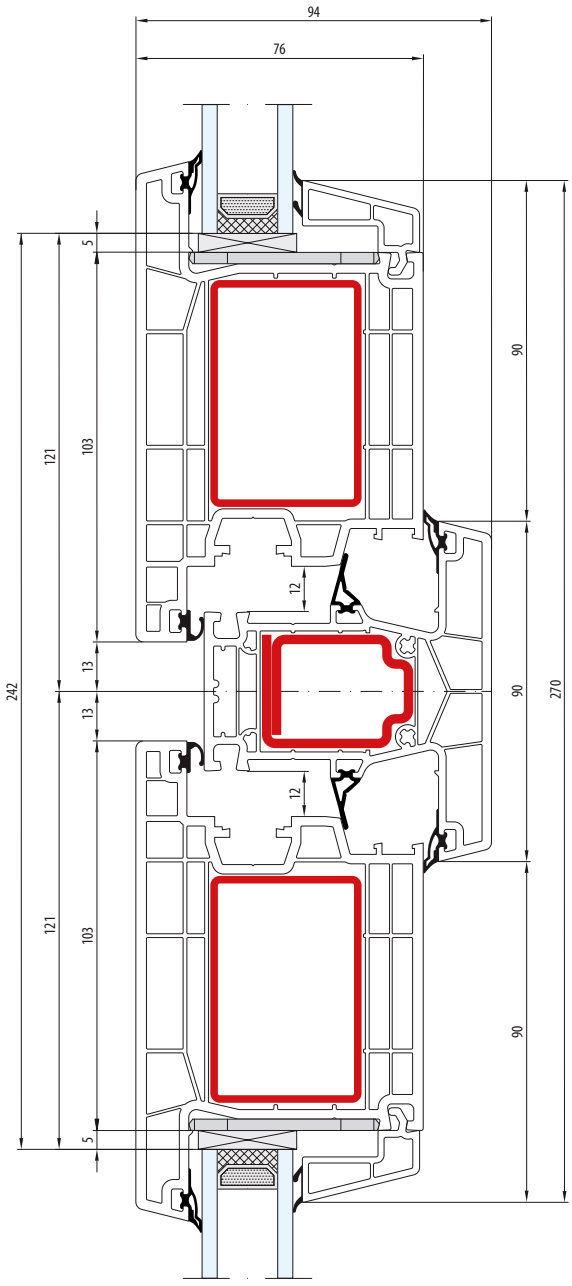
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- Fix post: 90 mm · Sash: 112 mm
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- Vaste stijl: 90 mm · Vleugel: 112 mm



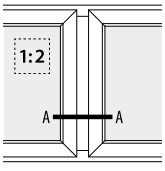


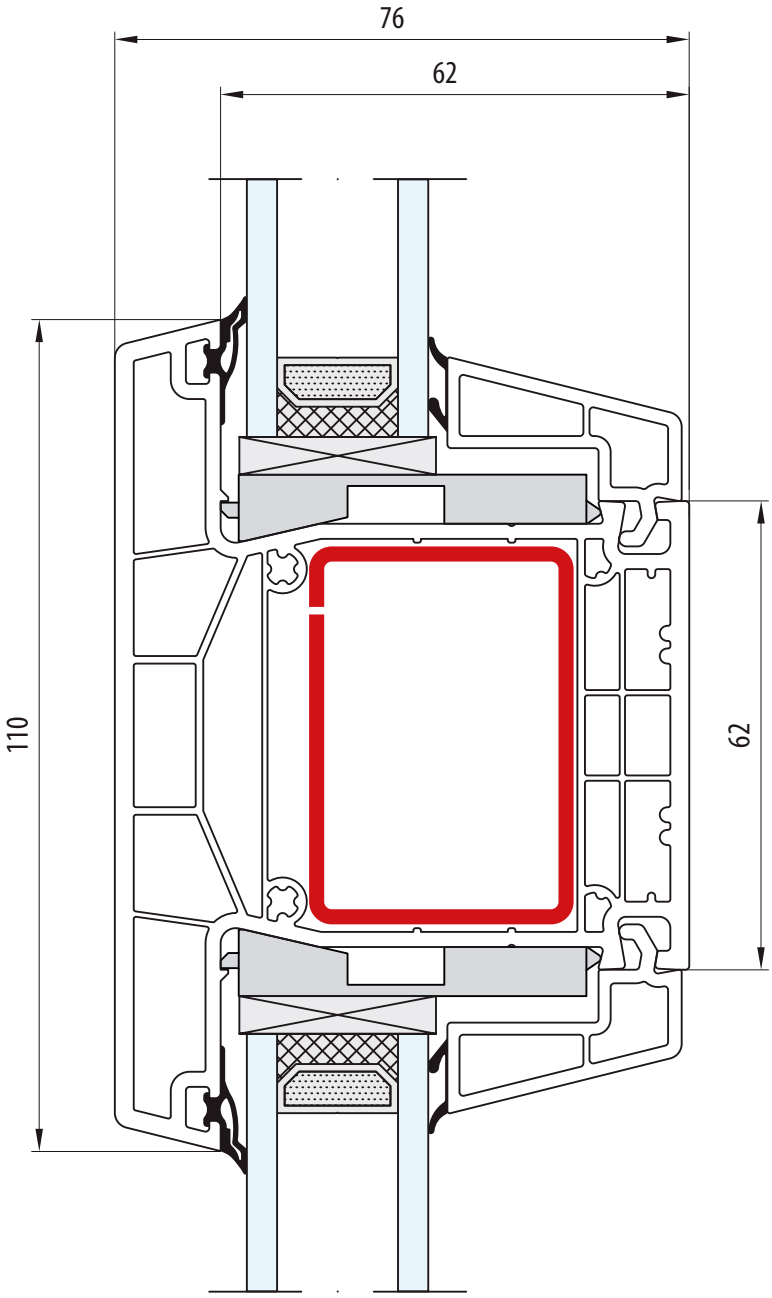
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- Vaste stijl: 90 mm · Vleugel: 127 mm



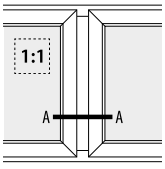


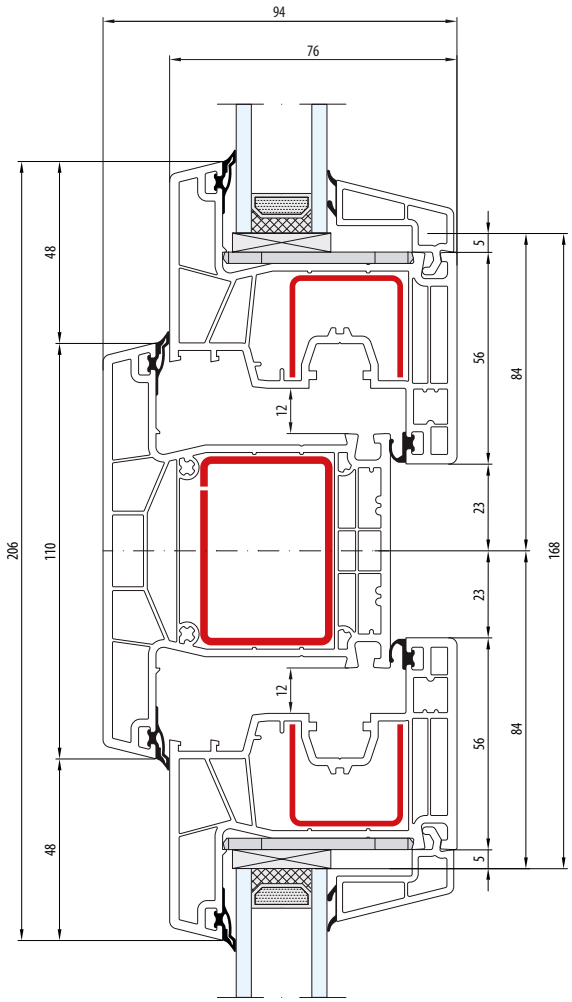
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- Fix post: 90 mm · Sash: 127 mm
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- Vaste stijl: 90 mm · Vleugel: 127 mm



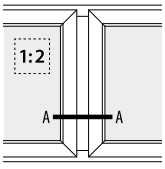


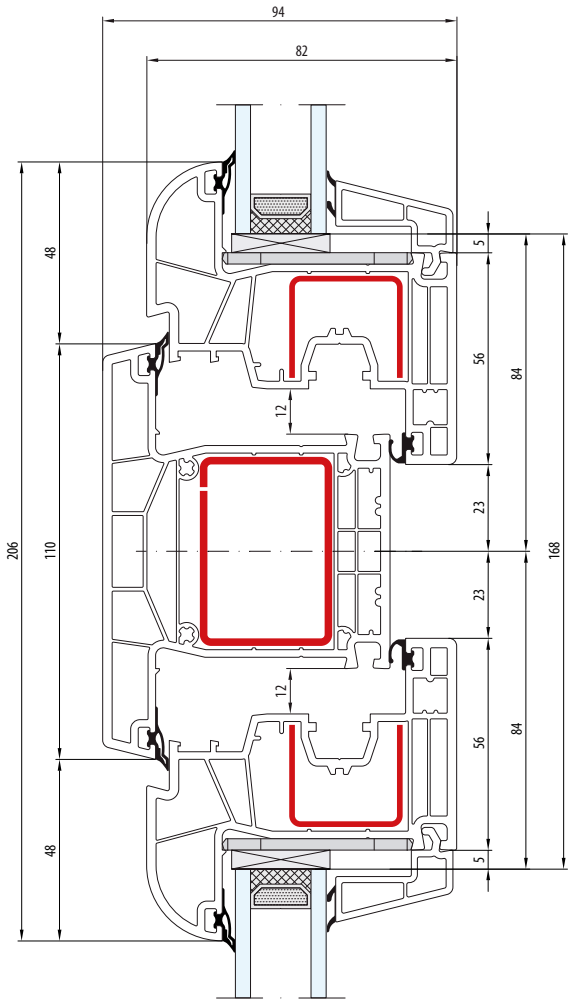
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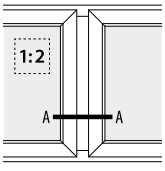


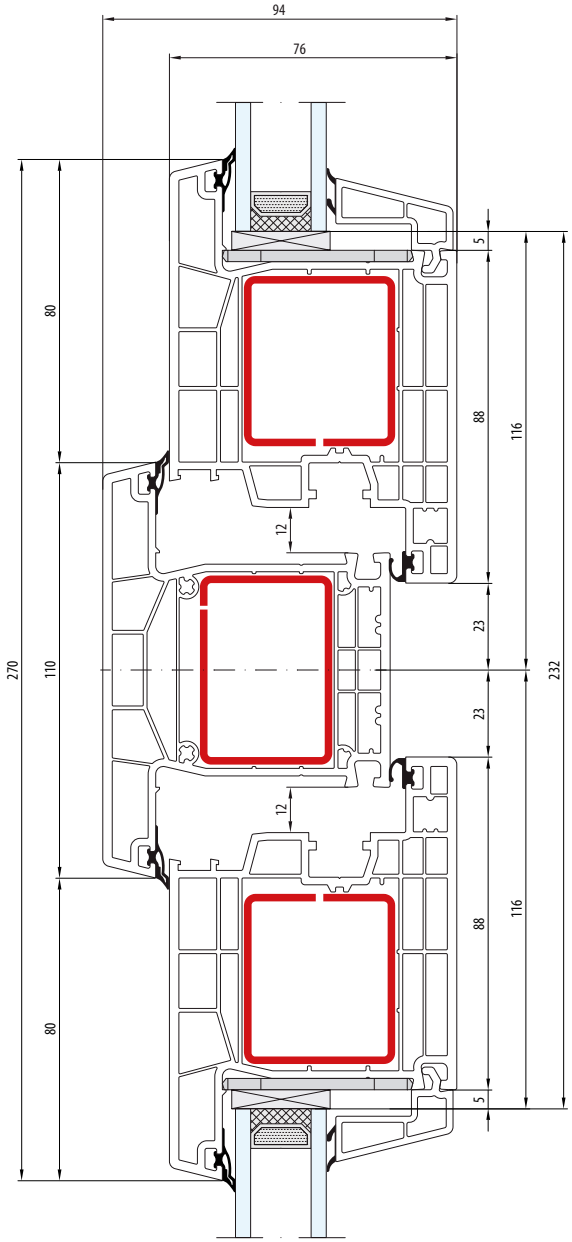
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- Meneau fixe: 90 mm · Vantail: 80 mm
- Fix post: 90 mm · Sash: 80 mm
- Festem Pfahl: 90 mm · Flügel: 80 mm
- Montante fisso: 90 mm · Anta: 80 mm
- Vaste stijl: 90 mm · Vleugel: 80 mm



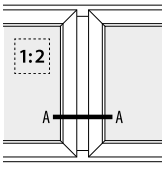


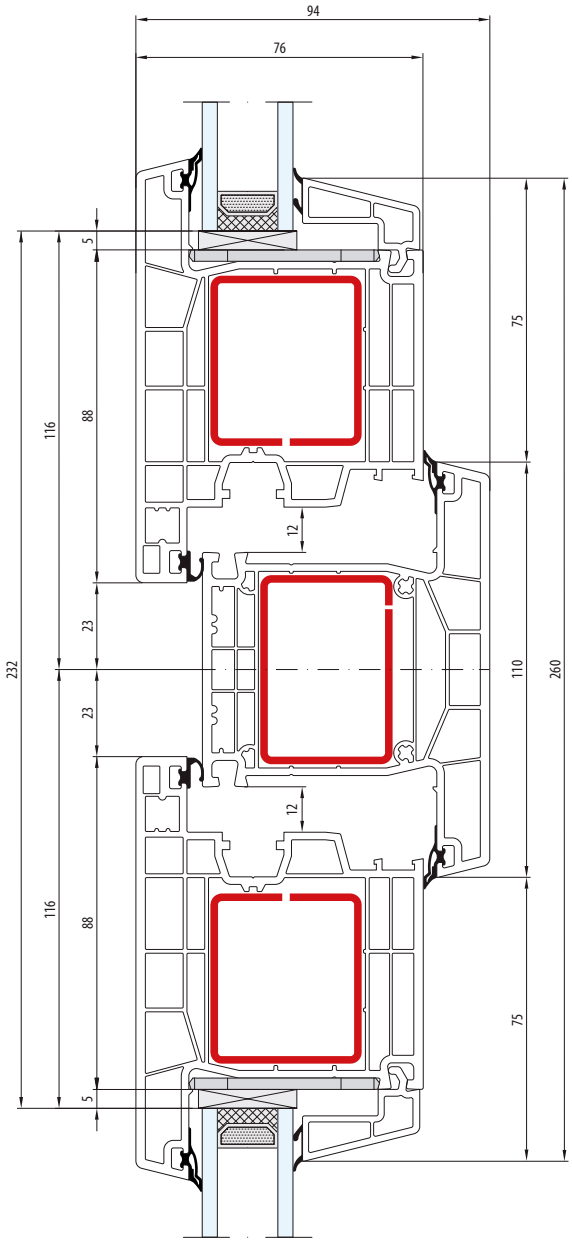
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- Vaste stijl: 90 mm · Vleugel: 80 mm



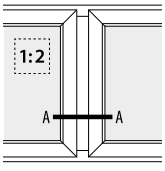


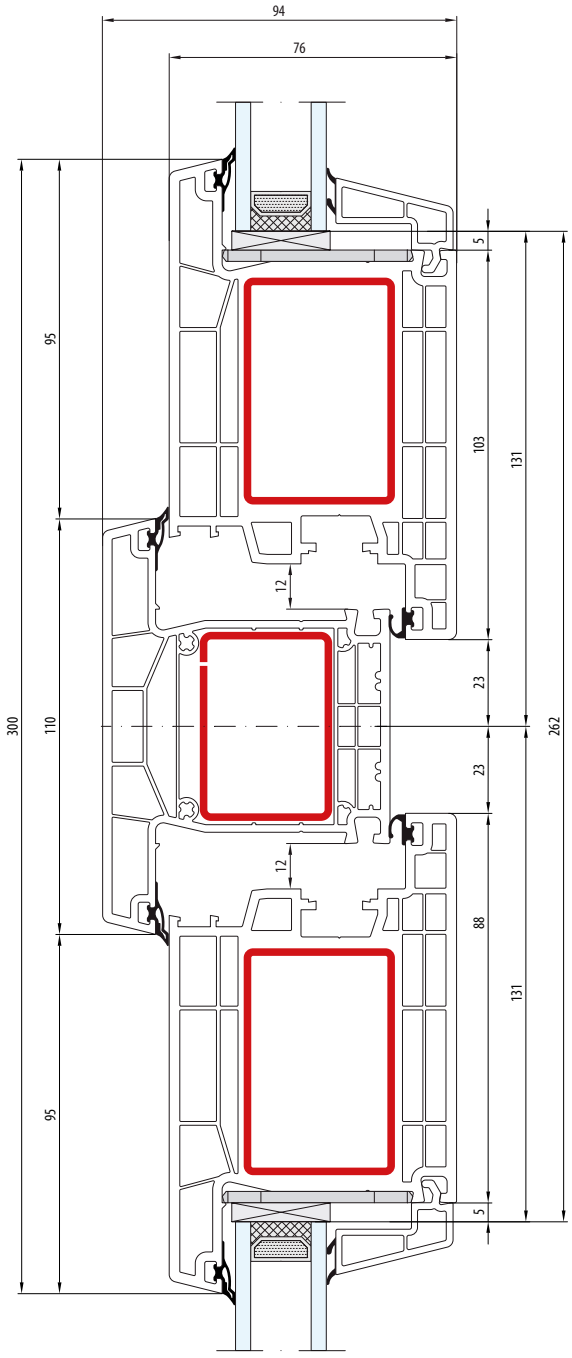
- Słupek stały: 90 mm · Skrzydło: 112 mm
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- Fix post: 90 mm · Sash: 112 mm
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- Vaste stijl: 90 mm · Vleugel: 112 mm



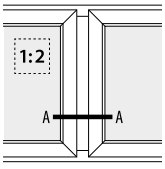


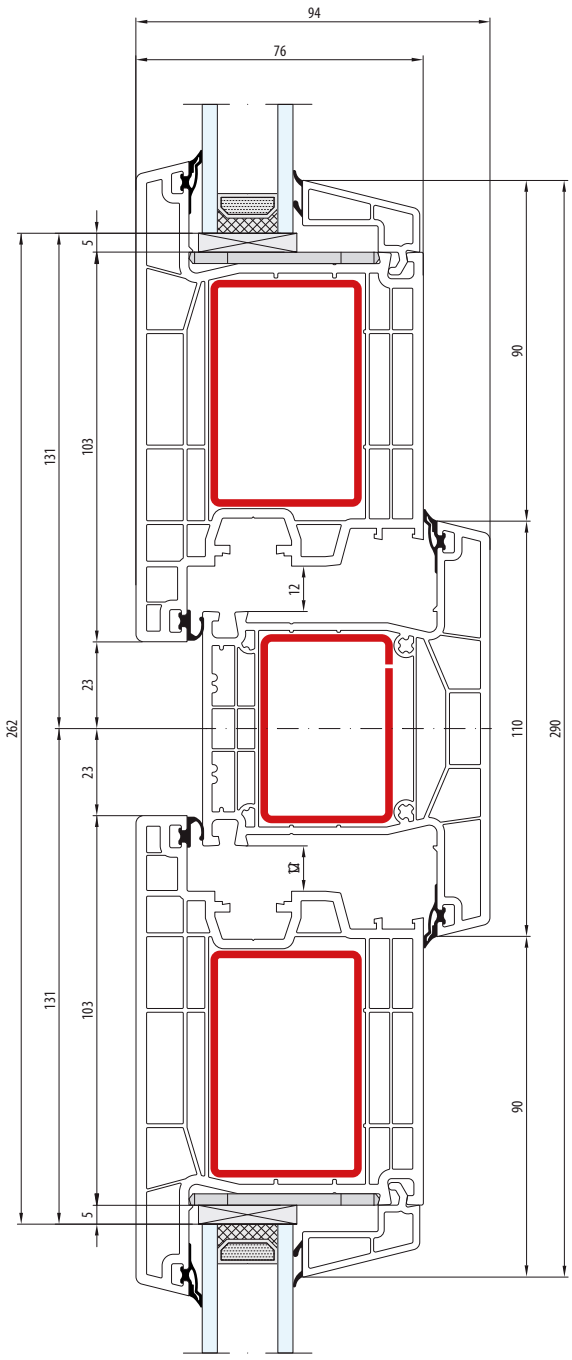
- Słupek stały: 90 mm · Skrzydło: 112 mm
- Meneau fixe: 90 mm · Vantail: 112 mm
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- Vaste stijl: 90 mm · Vleugel: 112 mm



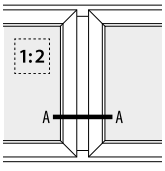


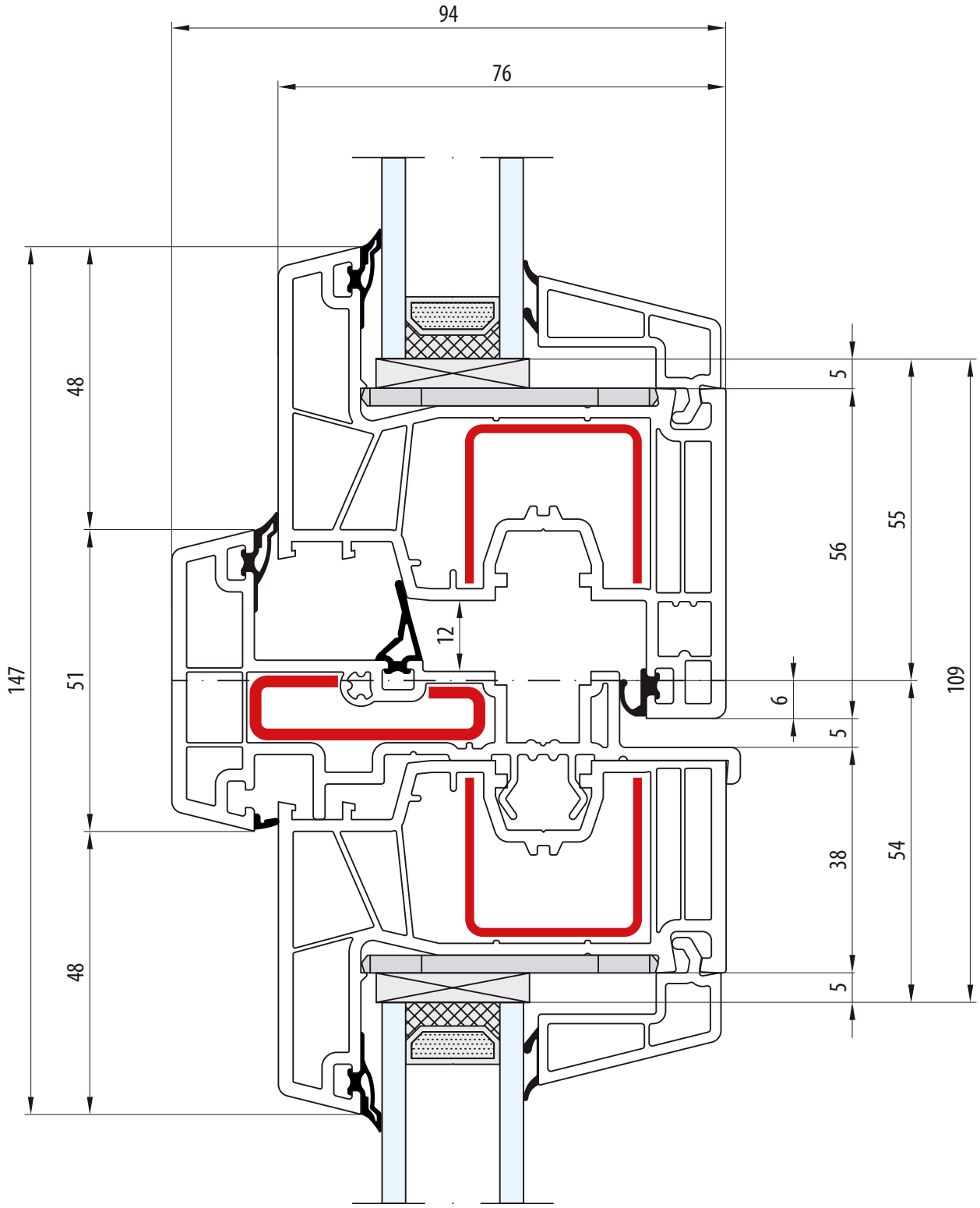
- Słupek stały: 90 mm · Skrzydło: 127 mm
- Meneau fixe: 90 mm · Vantail: 127 mm
- Fix post: 90 mm · Sash: 127 mm
- Festem Pfahl: 90 mm · Flügel: 127 mm
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- Vaste stijl: 90 mm · Vleugel: 127 mm



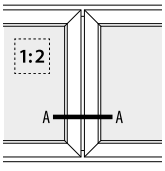


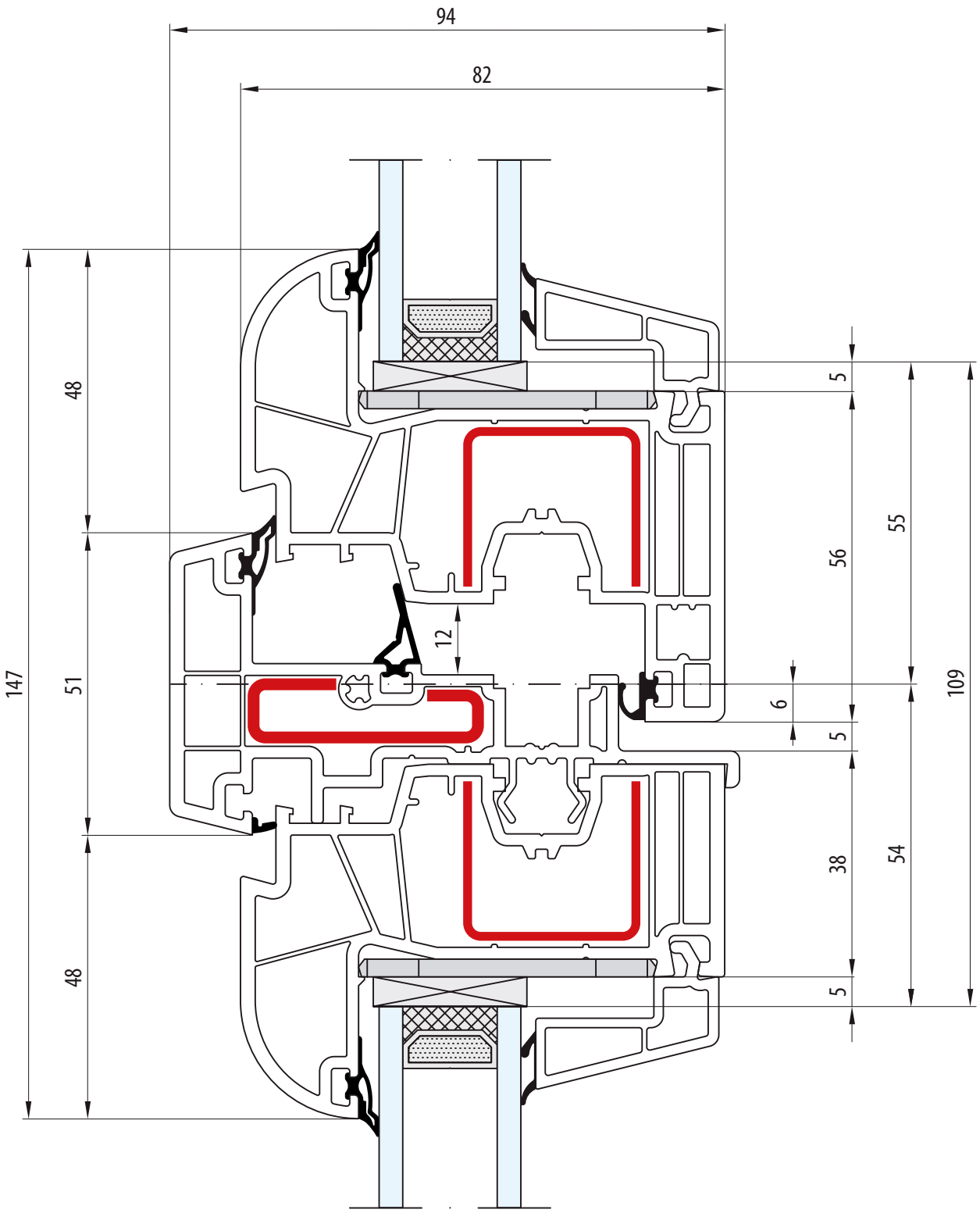
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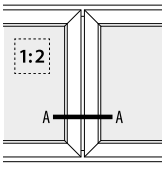


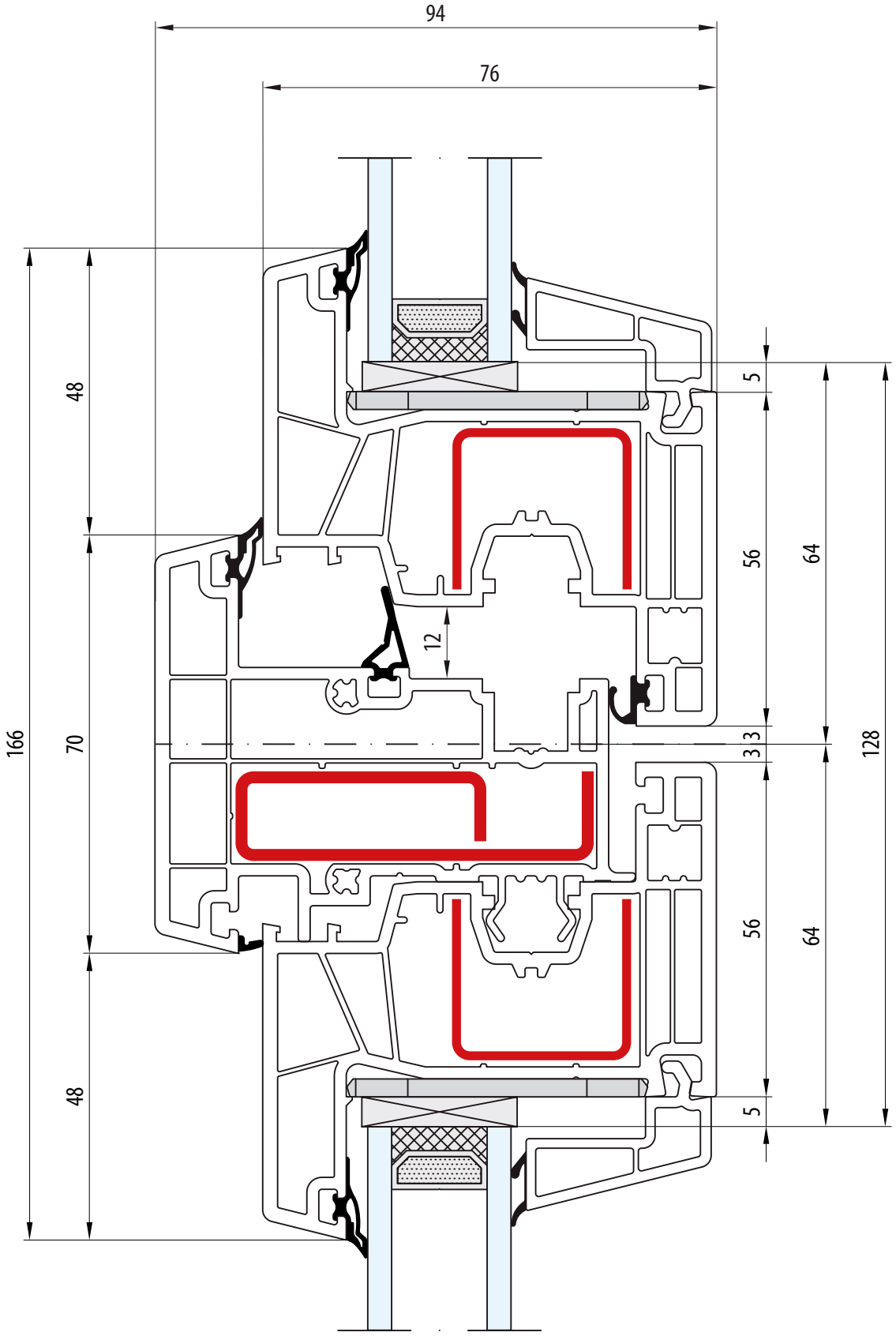
- Słupek ruchomy: 51 mm · Skrzydło: 80 mm
- Meneau mobile: 51 mm · Vantail: 80 mm
- Movable post: 51 mm · Sash: 80 mm
- Stulp: 51 mm · Flügel: 80 mm
- Montante mobile: 51 mm · Anta: 80 mm
- Verplaatsbare stijl: 51 mm · Vleugel: 80 mm



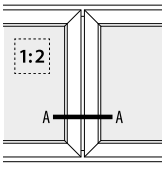


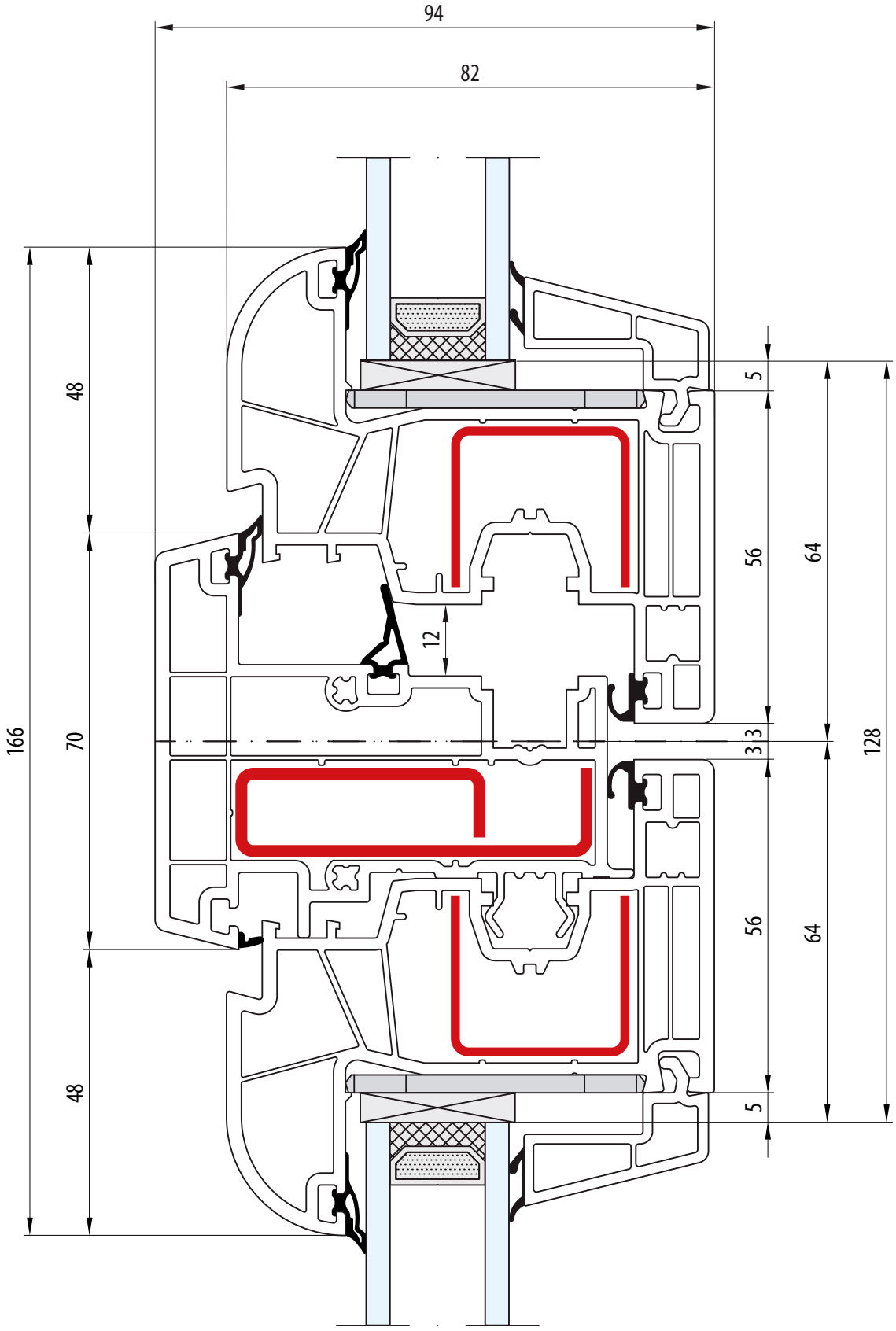
- Słupek ruchomy: 51 mm · Skrzydło: 80 mm
- Meneau mobile: 51 mm · Vantail: 80 mm
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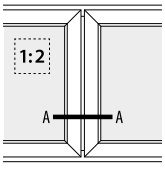


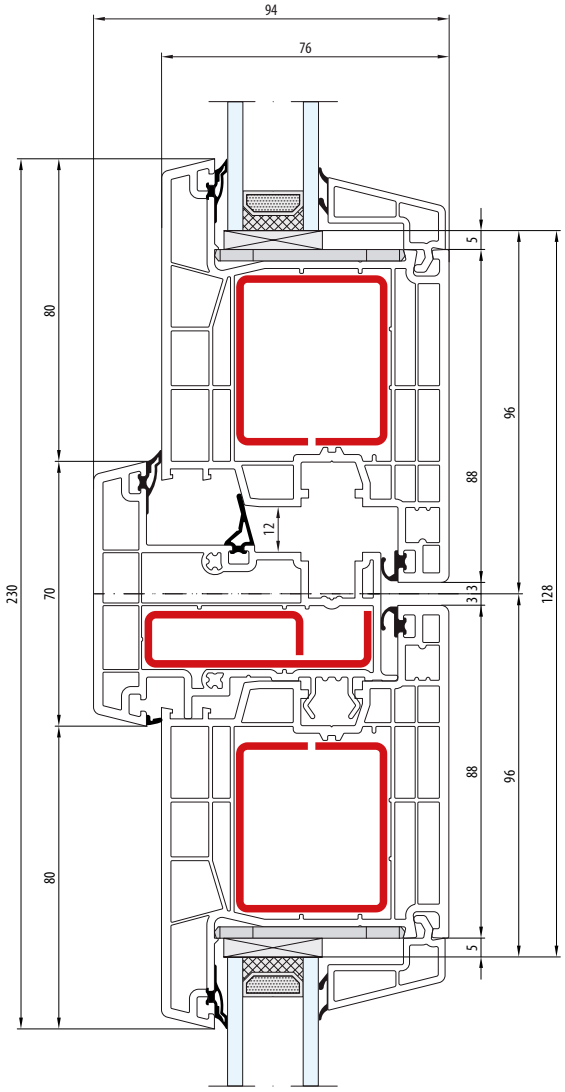
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- Movable post: 70 mm · Sash: 80 mm
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- Verplaatsbare stijl: 70 mm · Vleugel: 80 mm



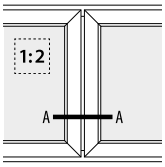


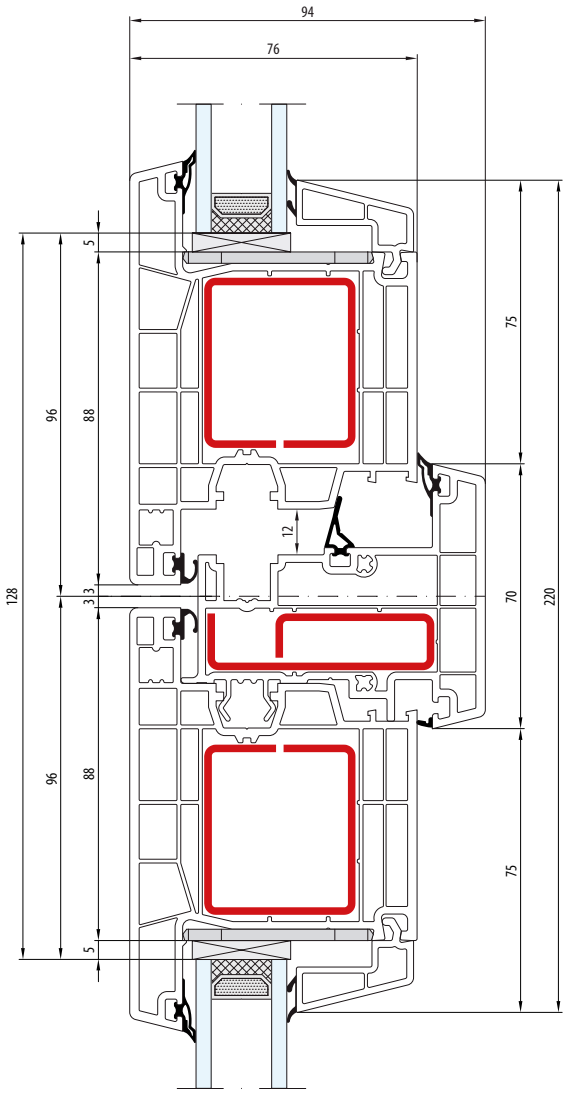
- Słupek ruchomy: 70 mm · Skrzydło: 80 mm
- Meneau mobile: 70 mm · Vantail: 80 mm
- Movable post: 70 mm · Sash: 80 mm
- Stulp: 70 mm · Flügel: 80 mm
- Montante mobile: 70 mm · Anta: 80 mm
- Verplaatsbare stijl: 70 mm · Vleugel: 80 mm



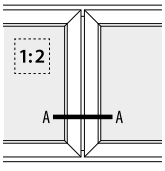


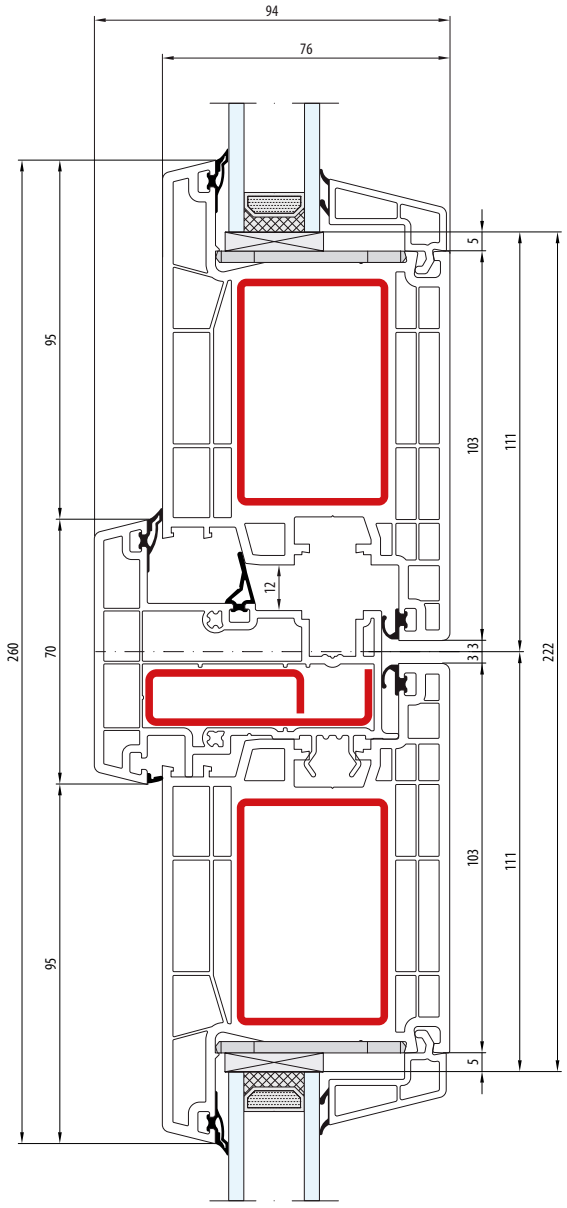
- Słupek ruchomy: 70 mm · Skrzydło: 112 mm
- Meneau mobile: 70 mm · Vantail: 112 mm
- Movable post: 70 mm · Sash: 112 mm
- Stulp: 70 mm · Flügel: 112 mm
- Montante mobile: 70 mm · Anta: 112 mm
- Verplaatsbare stijl: 70 mm · Vleugel: 112 mm



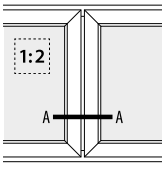


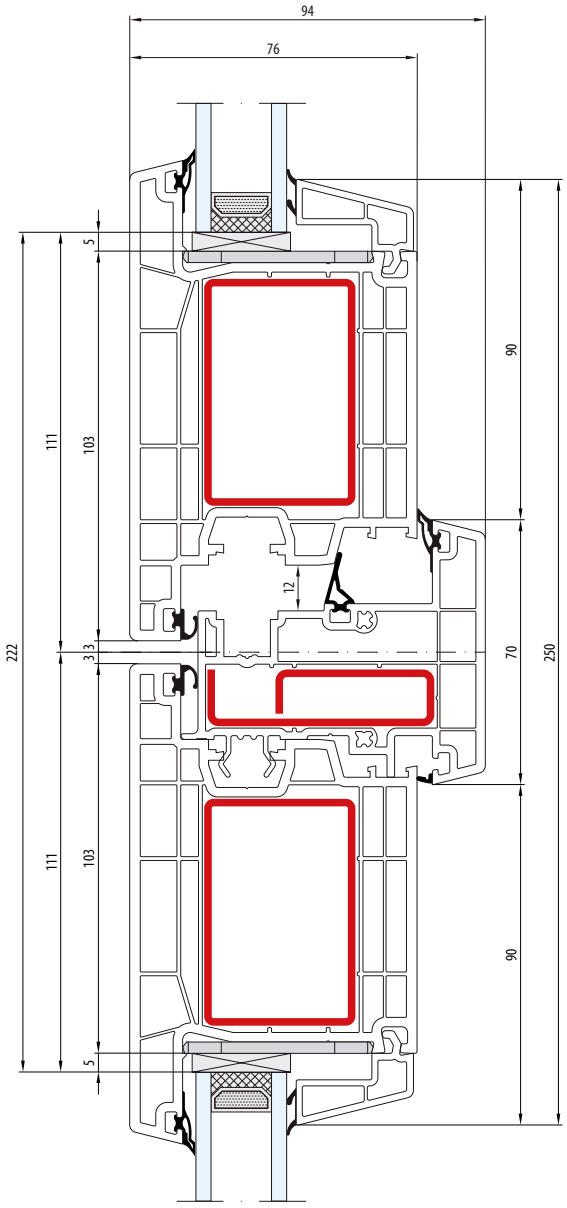
- Słupek ruchomy: 70 mm · Skrzydło: 112 mm
- Meneau mobile: 70 mm · Vantail: 112 mm
- Movable post: 70 mm · Sash: 112 mm
- Stulp: 70 mm · Flügel: 112 mm
- Montante mobile: 70 mm · Anta: 112 mm
- Verplaatsbare stijl: 70 mm · Vleugel: 112 mm



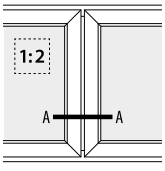


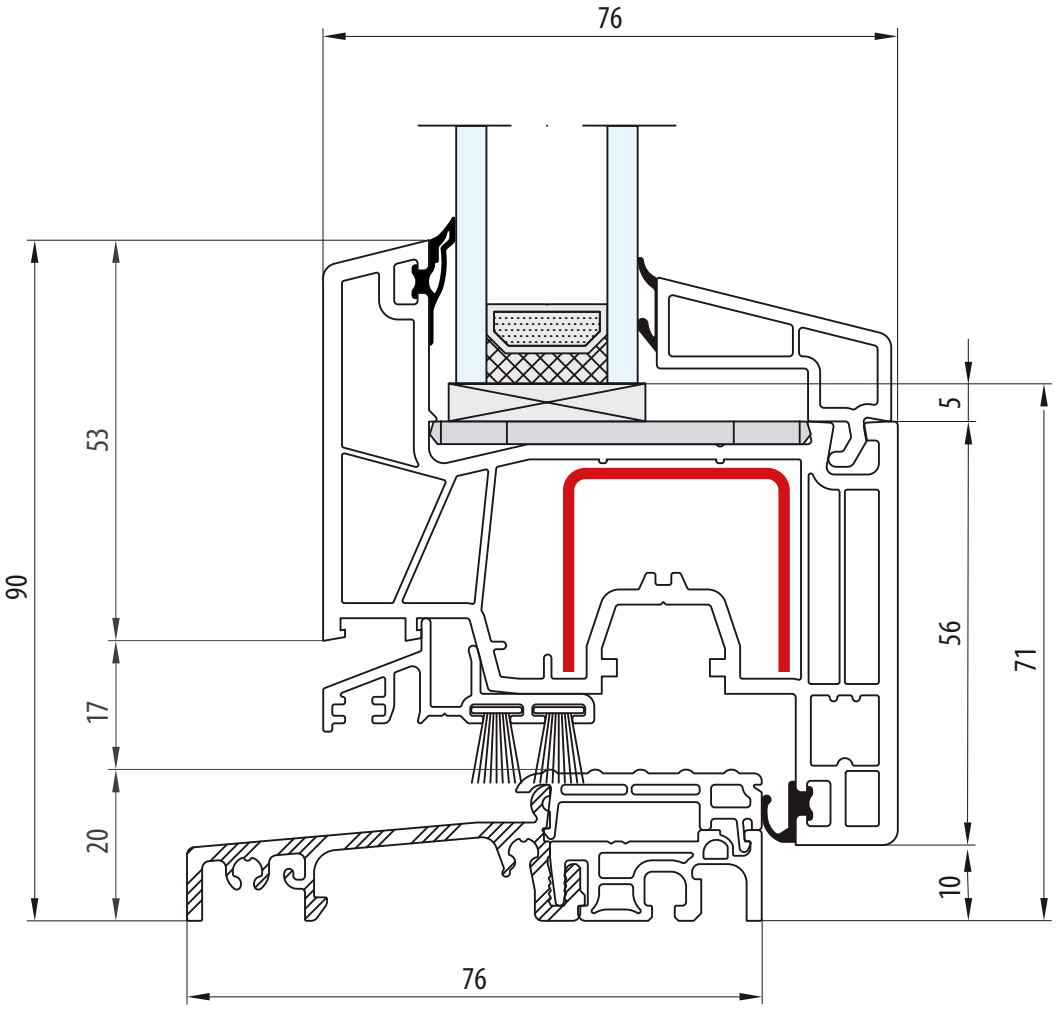
- Słupek ruchomy: 70 mm · Skrzydło: 127 mm
- Meneau mobile: 70 mm · Vantail: 127 mm
- Movable post: 70 mm · Sash: 127 mm
- Stulp: 70 mm · Flügel: 127 mm
- Montante mobile: 70 mm · Anta: 127 mm
- Verplaatsbare stijl: 70 mm · Vleugel: 127 mm



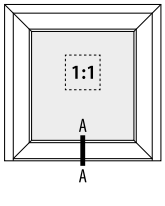


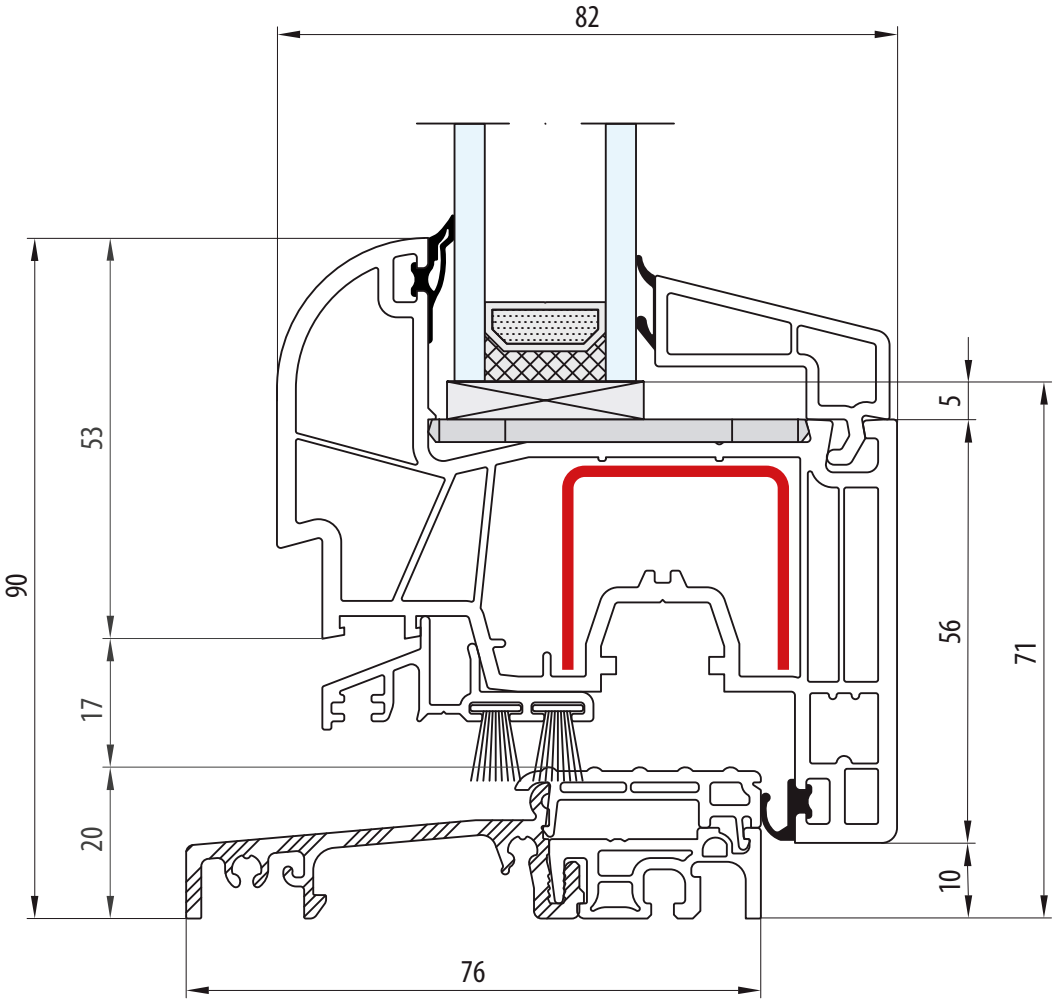
- Słupek ruchomy: 70 mm · Skrzydło: 127 mm
- Meneau mobile: 70 mm · Vantail: 127 mm
- Movable post: 70 mm · Sash: 127 mm
- Stulp: 70 mm · Flügel: 127 mm
- Montante mobile: 70 mm · Anta: 127 mm
- Verplaatsbare stijl: 70 mm · Vleugel: 127 mm



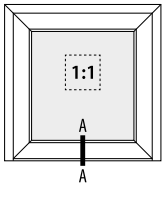


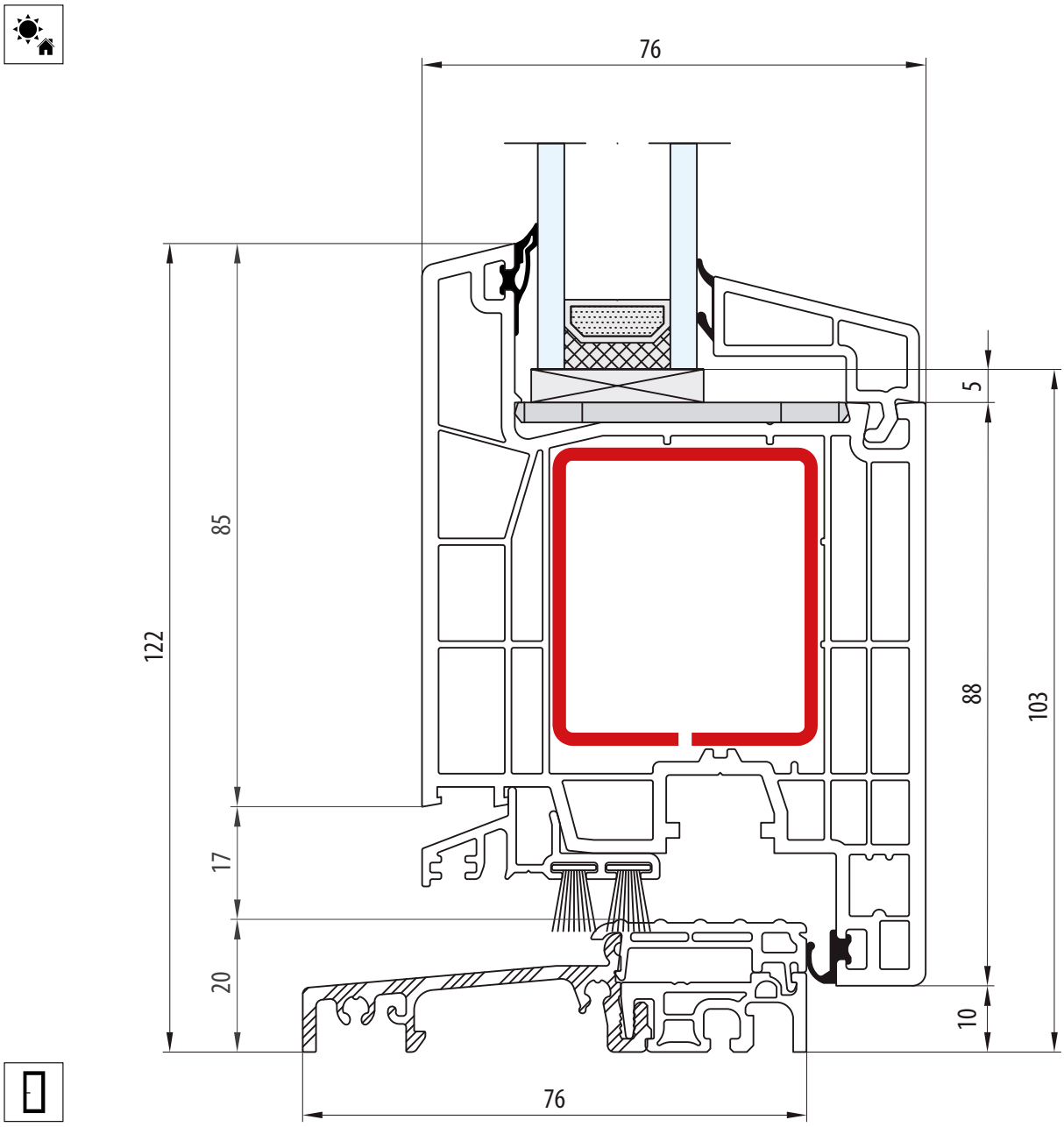
- Próg: 20 mm · Skrzydło: 80 mm
- Seuil: 20 mm · Vantail: 80 mm
- Threshold: 20 mm · Sash: 80 mm
- Schwelle: 20 mm · Flügel: 80 mm
- Soglia: 20 mm · Anta: 80 mm
- Dorpel: 20 mm · Vleugel: 80 mm

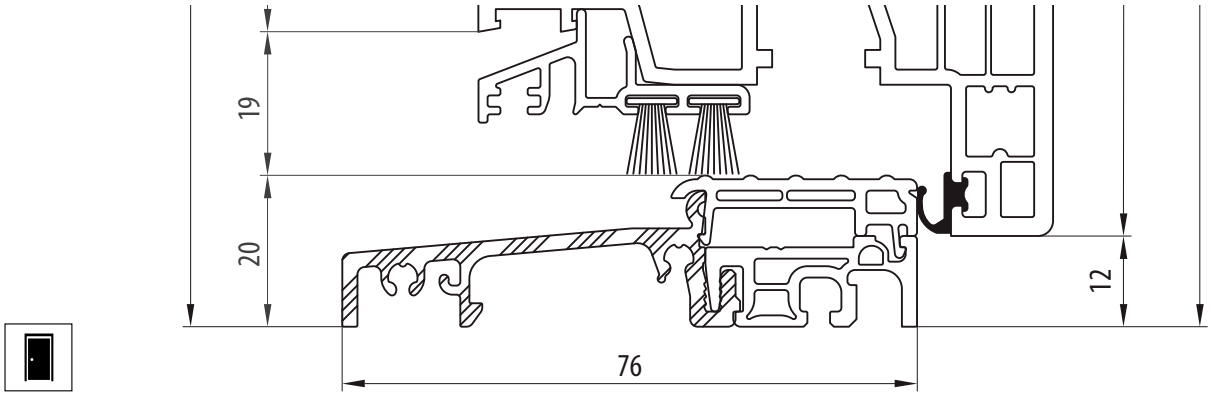




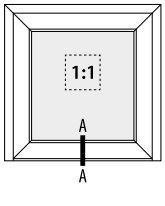
Próg: 20 mm · Skrzydło: 80 mm
Seuil: 20 mm · Vantail: 80 mm
Threshold: 20 mm · Sash: 80 mm
Schwelle: 20 mm · Flügel: 80 mm
Soglia: 20 mm · Anta: 80 mm
Dorpel: 20 mm · Vleugel: 80 mm

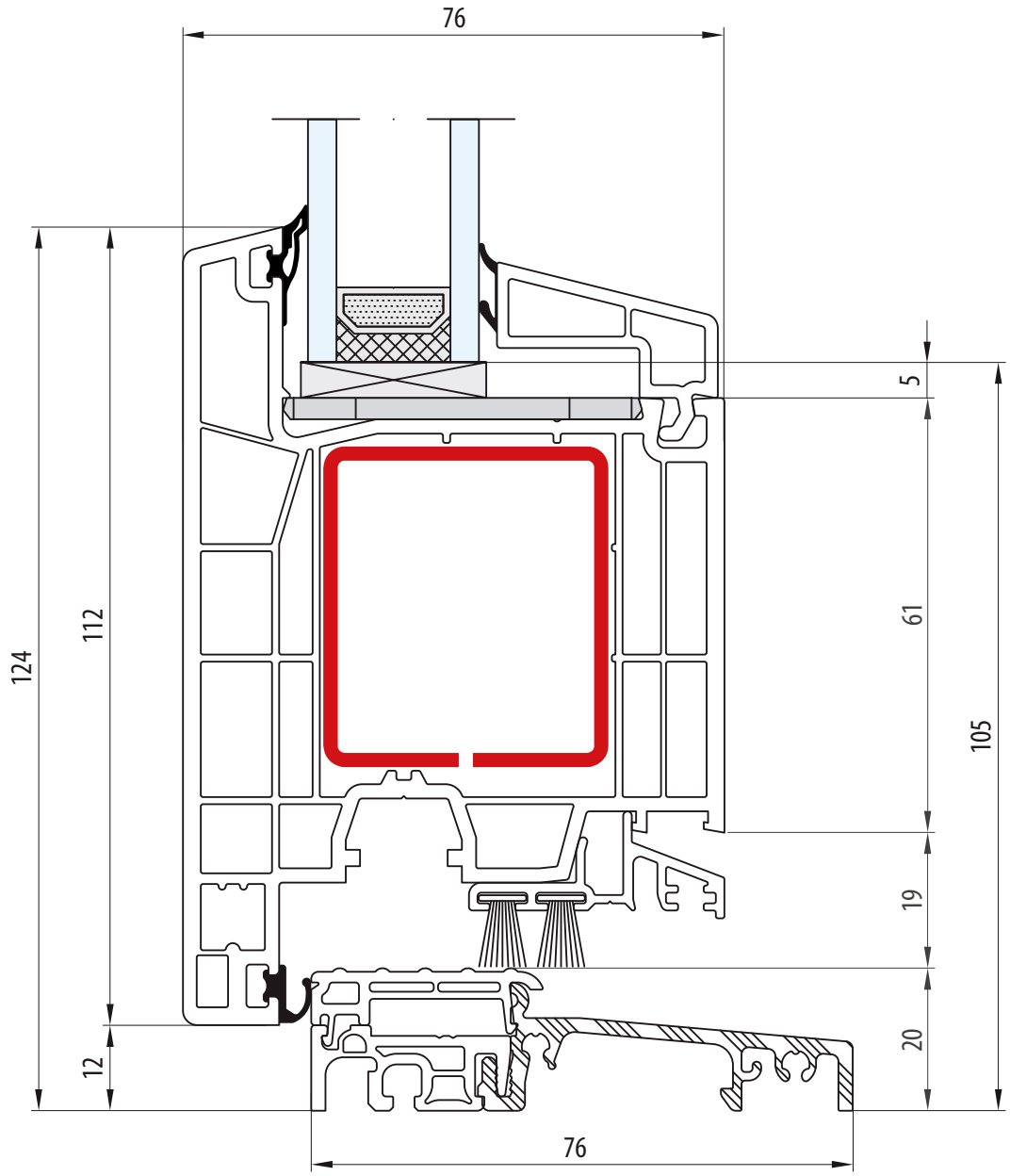




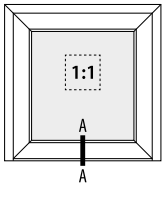


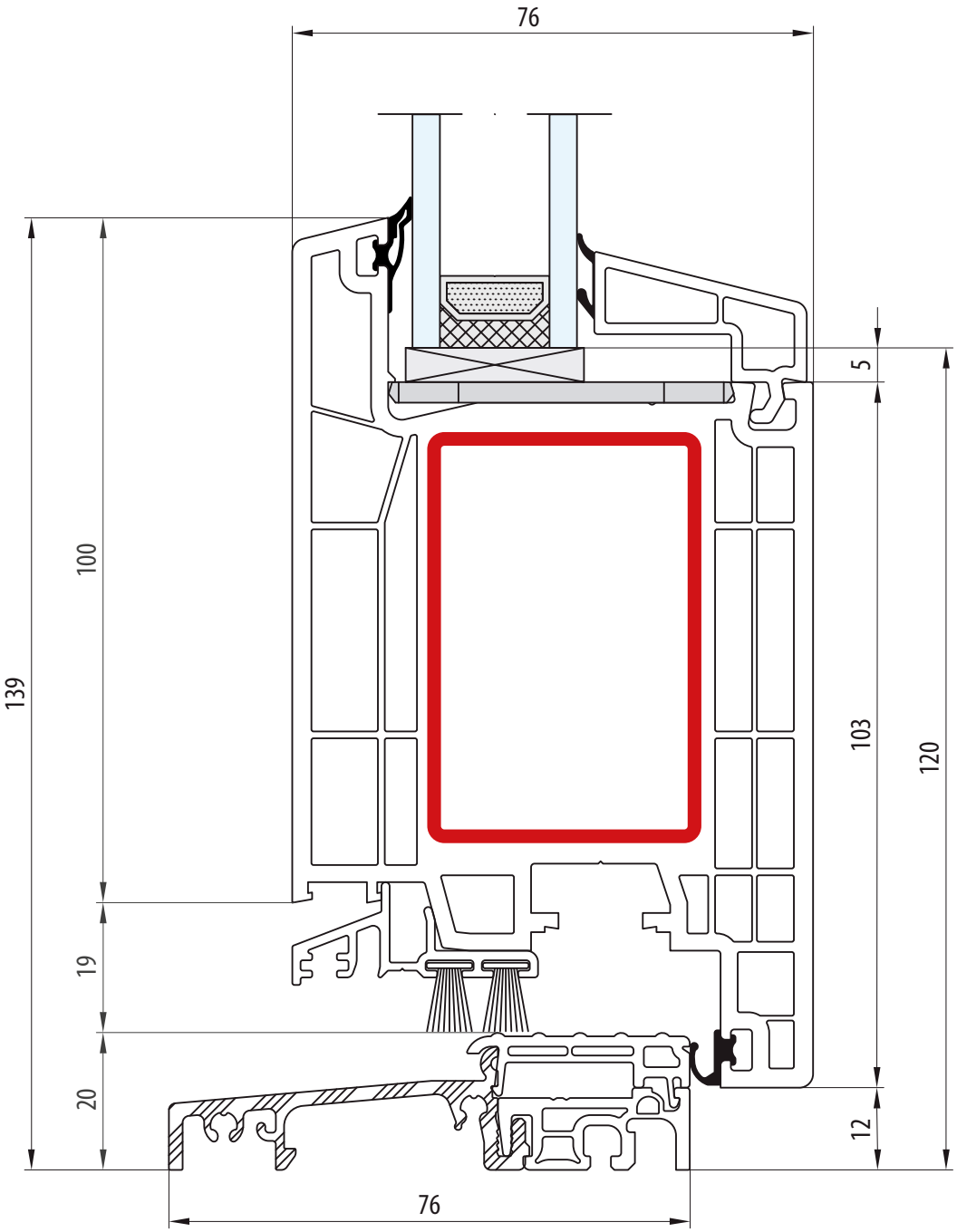
- Próg: 20 mm · Skrzydło: 112 mm
- Seuil: 20 mm · Vantail: 112 mm
- Threshold: 20 mm · Sash: 112 mm
- Schwelle: 20 mm · Flügel: 112 mm
- Soglia: 20 mm · Anta: 112 mm
- Dorpel: 20 mm · Vleugel: 112 mm



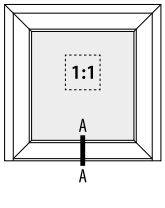


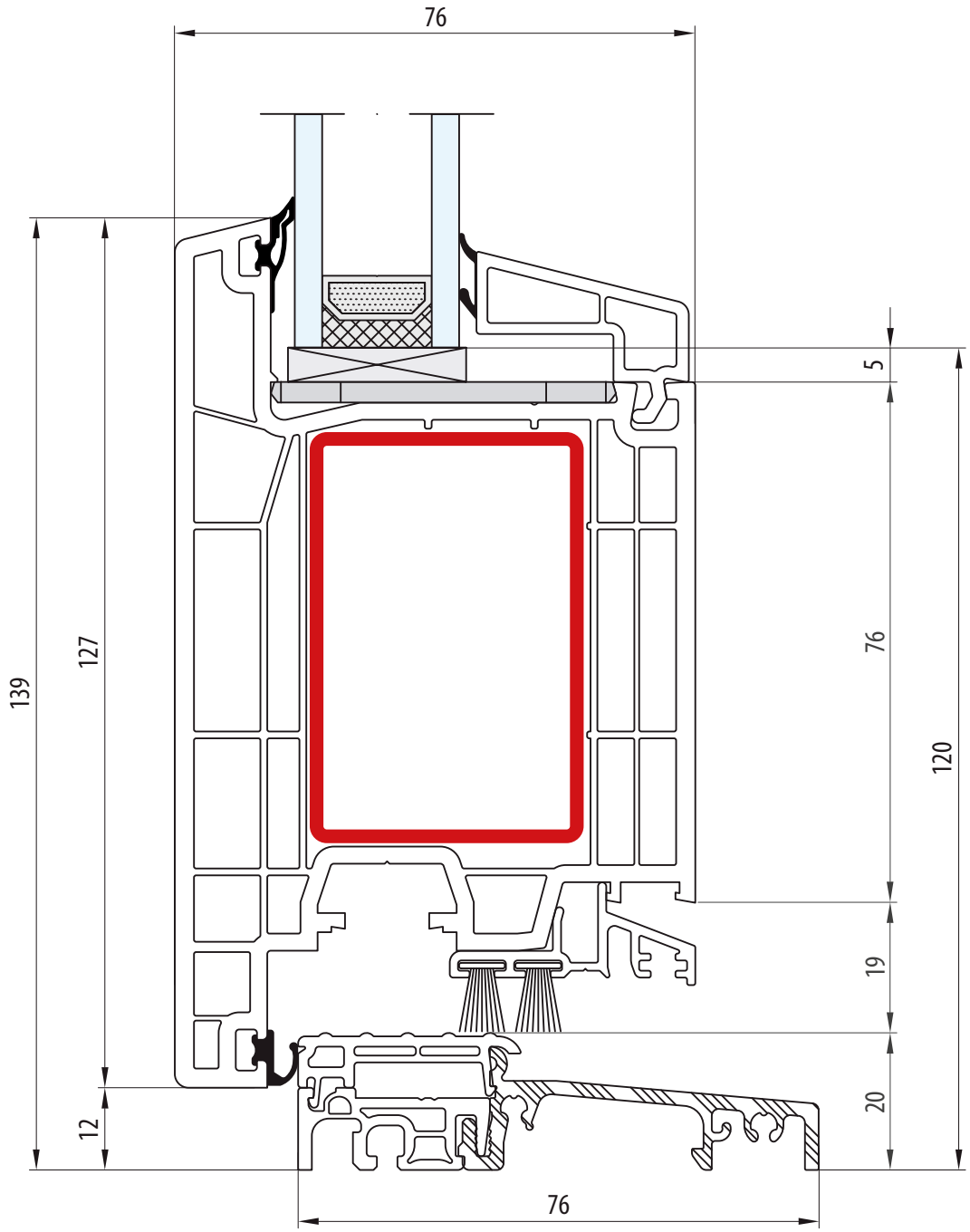
- Próg: 20 mm · Skrzydło: 112 mm
- Seuil: 20 mm · Vantail: 112 mm
- Threshold: 20 mm · Sash: 112 mm
- Schwelle: 20 mm · Flügel: 112 mm
- Soglia: 20 mm · Anta: 112 mm
- Dorpel: 20 mm · Vleugel: 112 mm



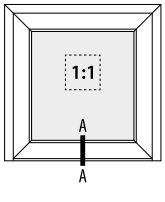


- Próg: 20 mm · Skrzydło: 127 mm
- Seuil: 20 mm · Vantail: 127 mm
- Threshold: 20 mm · Sash: 127 mm
- Schwelle: 20 mm · Flügel: 127 mm
- Soglia: 20 mm · Anta: 127 mm
- Dorpel: 20 mm · Vleugel: 127 mm



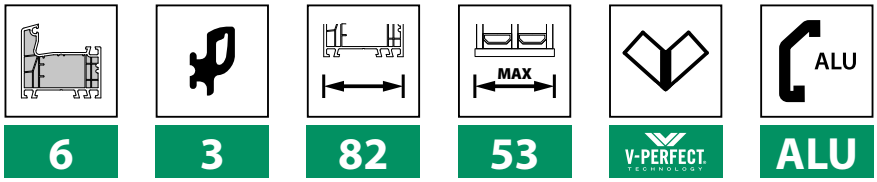


- Próg: 20 mm · Skrzydło: 127 mm
- Seuil: 20 mm · Vantail: 127 mm
- Threshold: 20 mm · Sash: 127 mm
- Schwelle: 20 mm · Flügel: 127 mm
- Soglia: 20 mm · Anta: 127 mm
- Dorpel: 20 mm · Vleugel: 127 mm



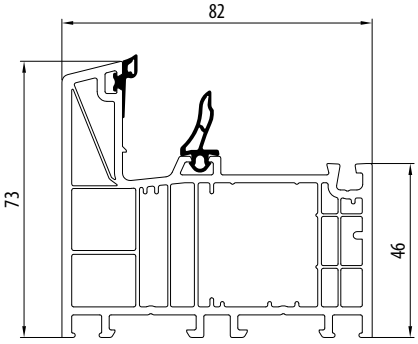
BLUEVOLUTION 82



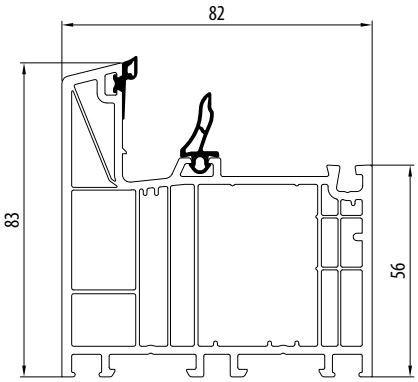


6 | 3 | 82 | 53 | V-PERFECT | ALU

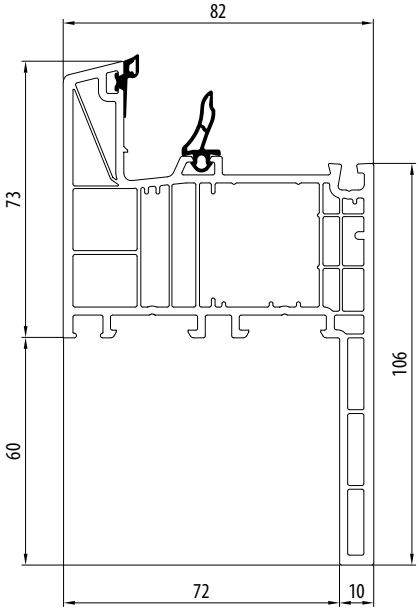




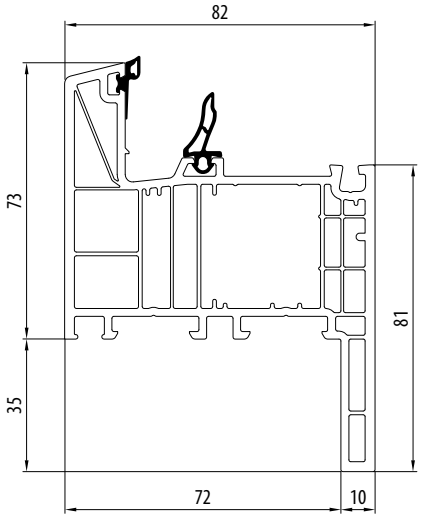
HO9021



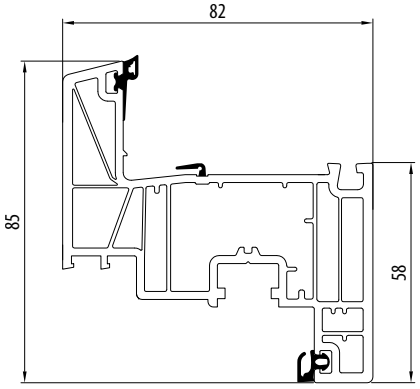
HO9030



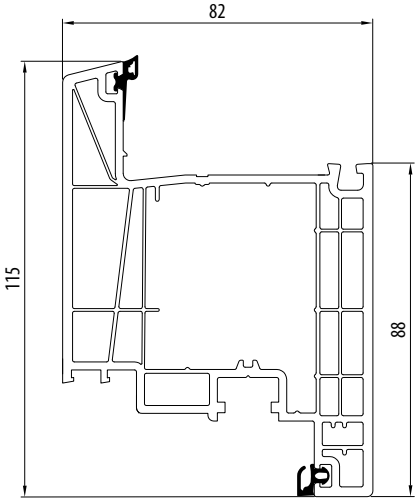
HO9100



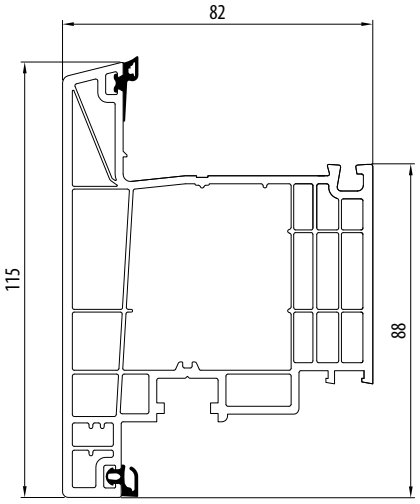
HO9110



HO8521

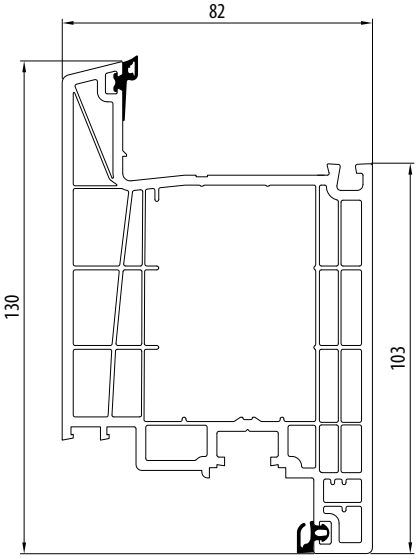


HO8530

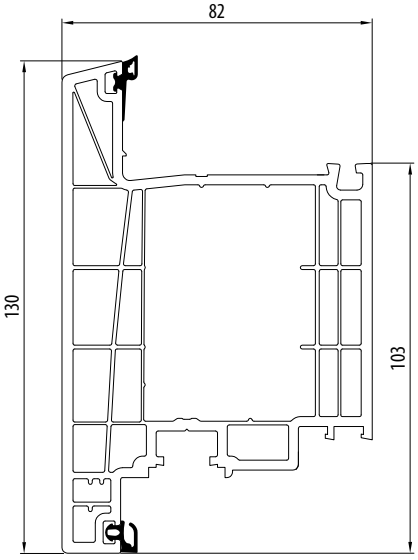


HO8540

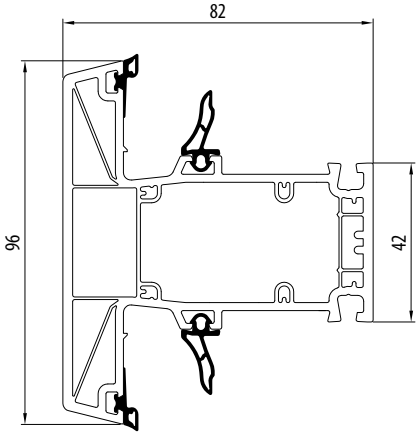
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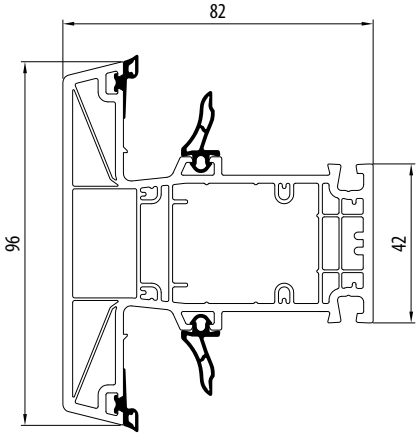
HP8550



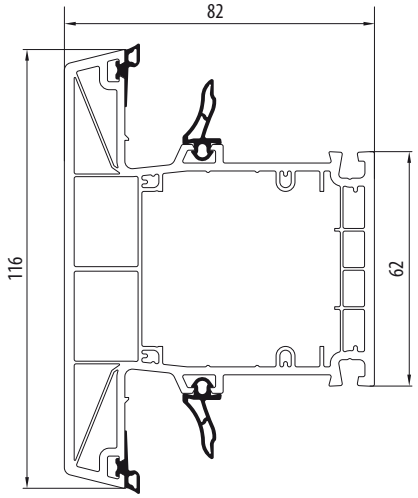
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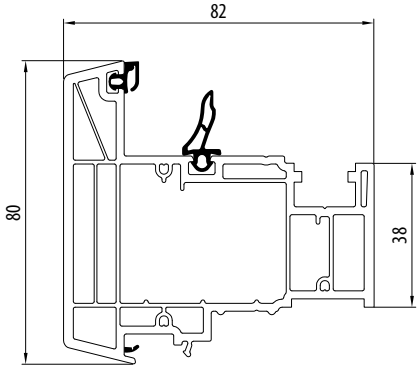
HO9310



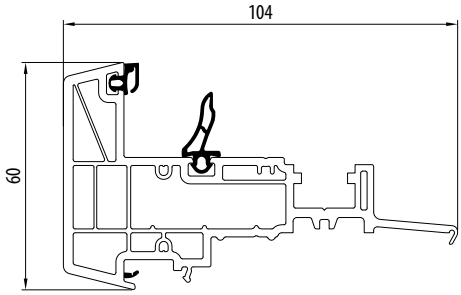
HO9320



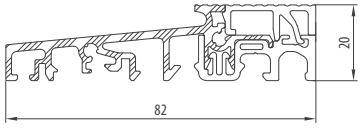
HO9330



HO9800

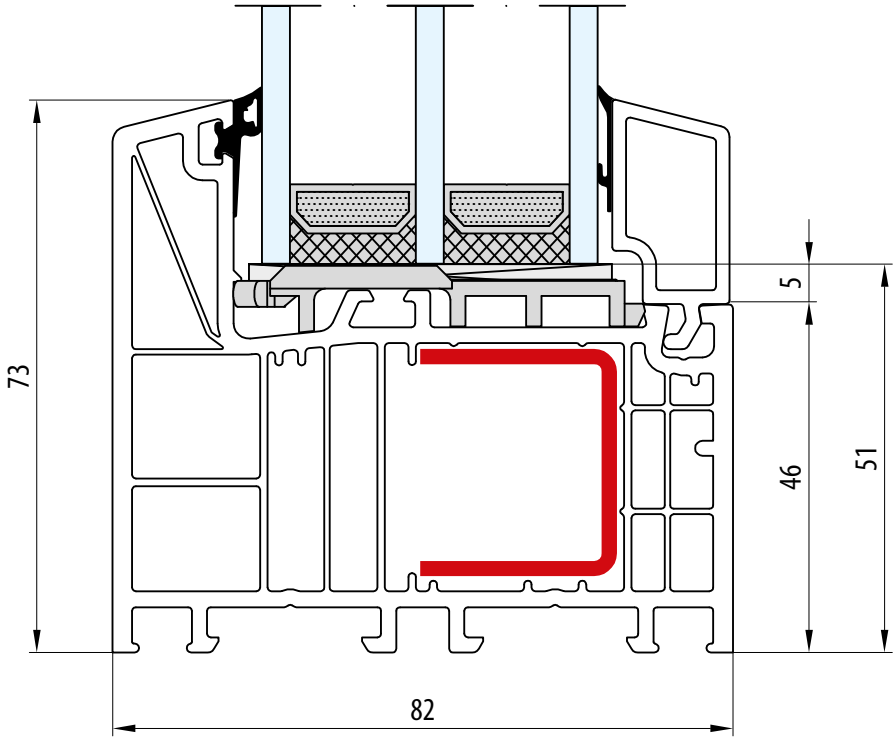


HO9810

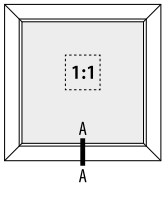


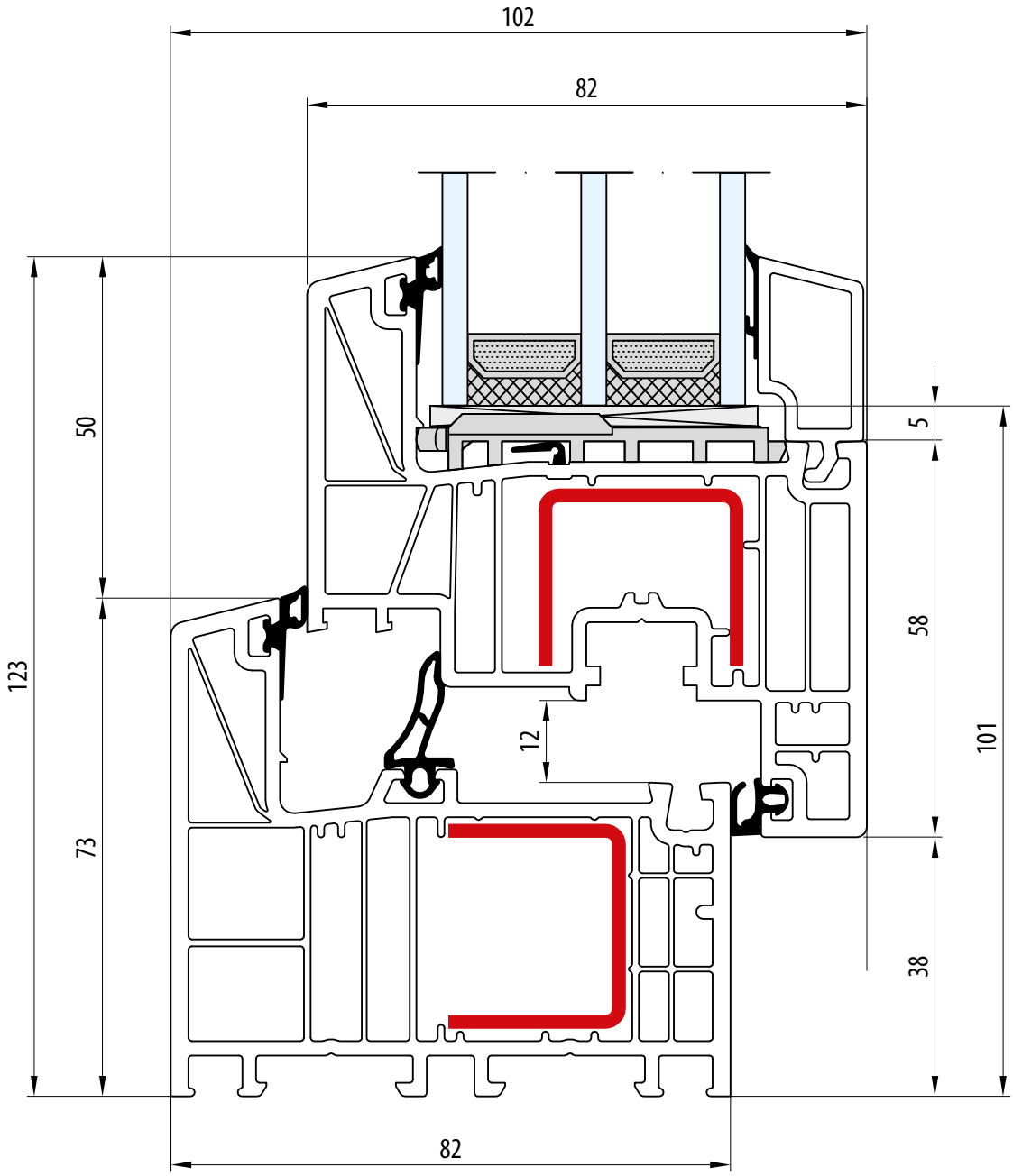
alu - 20 mm

1:2

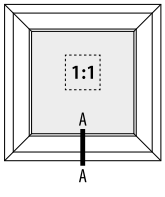


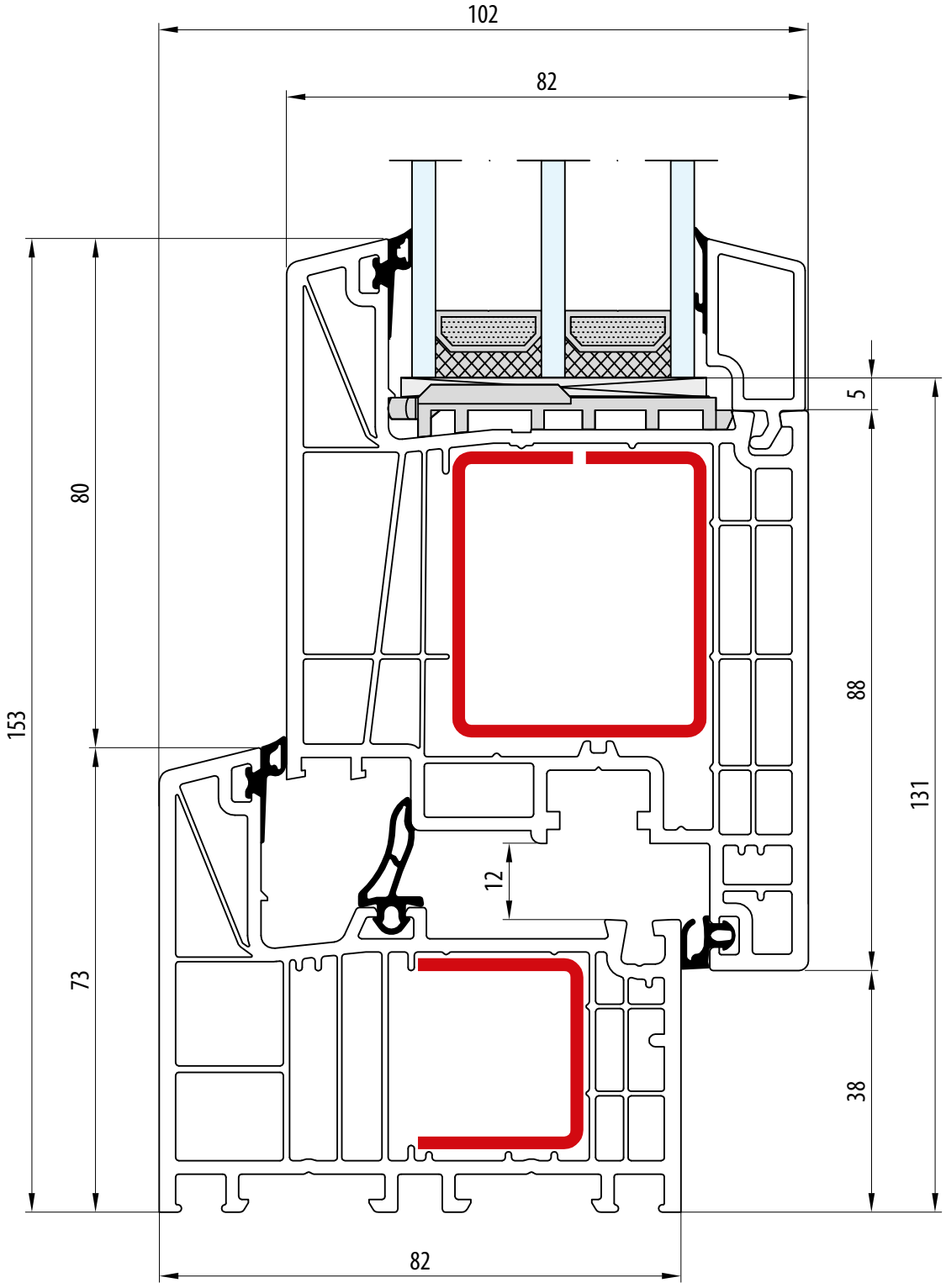
- Rama: 73 mm
- Dormant: 73 mm
- Frame: 73 mm
- Rahmen: 73 mm
- Telaio: 73 mm
- Kozijn: 73 mm



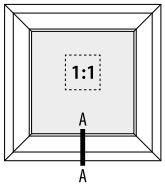


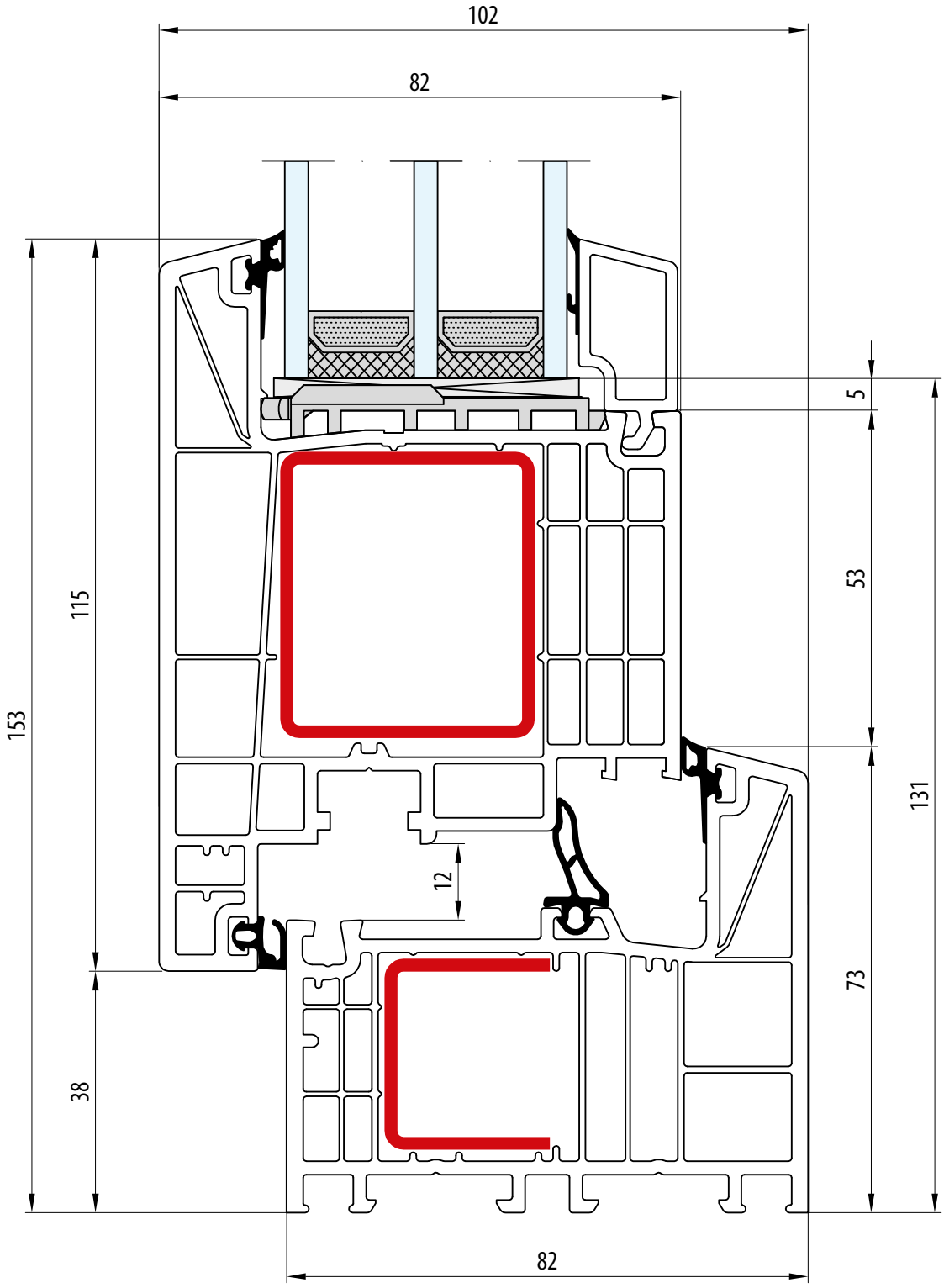
- Rama: 73 mm · Skrzydło: 85 mm
- Dormant: 73 mm · Vantail: 85 mm
- Frame: 73 mm · Sash: 85 mm
- Rahmen: 73 mm · Flügel: 85 mm
- Telaio: 73 mm · Anta: 85 mm
- Kozijn: 73 mm · Vleugel: 85 mm



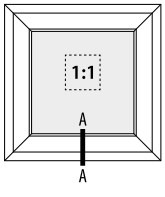


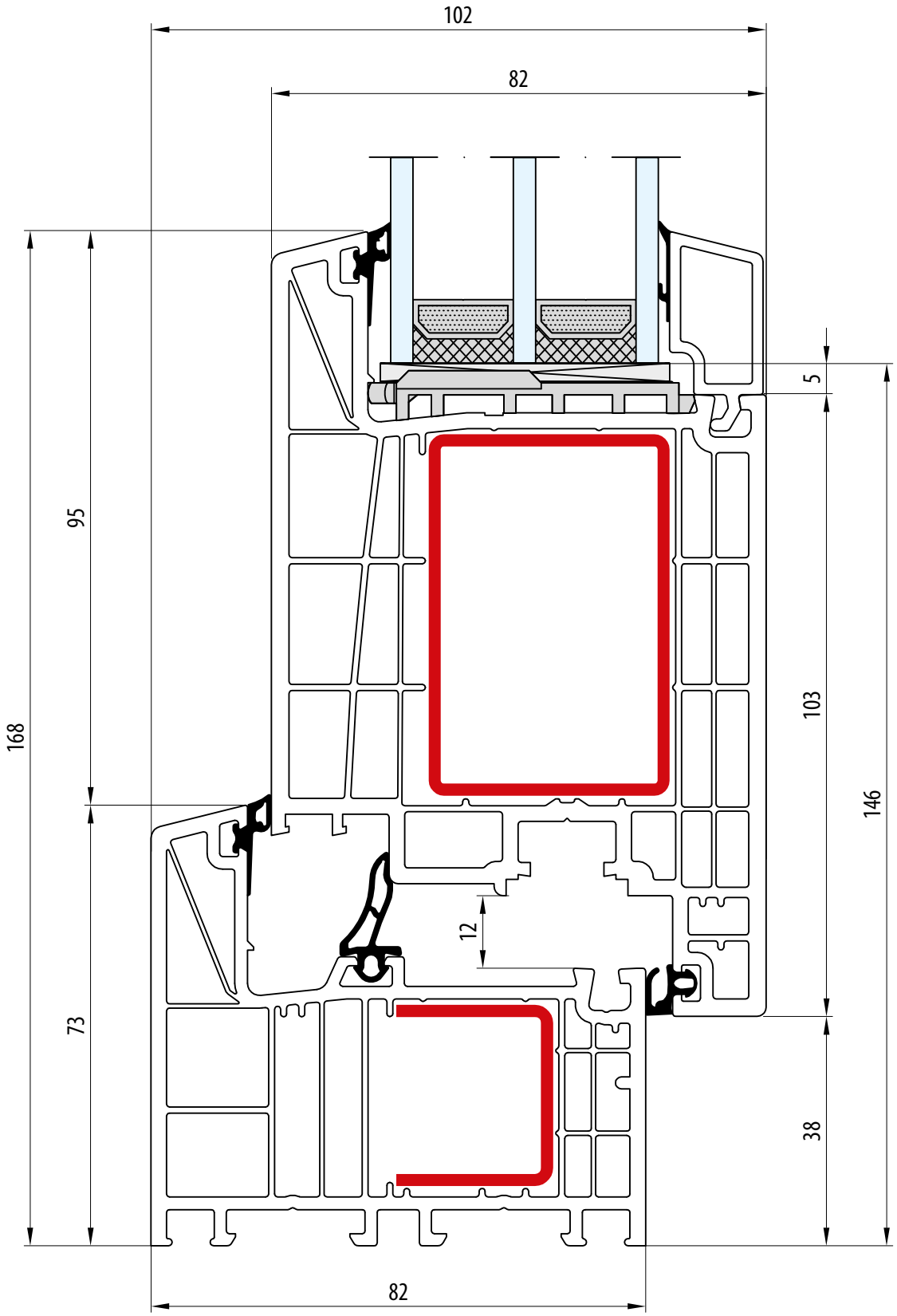
Rama: 73 mm · Skrzydło: 115 mm
Dormant: 73 mm · Vantail: 115 mm
Frame: 73 mm · Sash: 115 mm
Rahmen: 73 mm · Flügel: 115 mm
Telaio: 73 mm · Anta: 115 mm
Kozijn: 73 mm · Vleugel: 115 mm



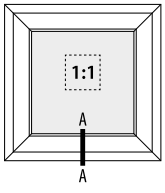


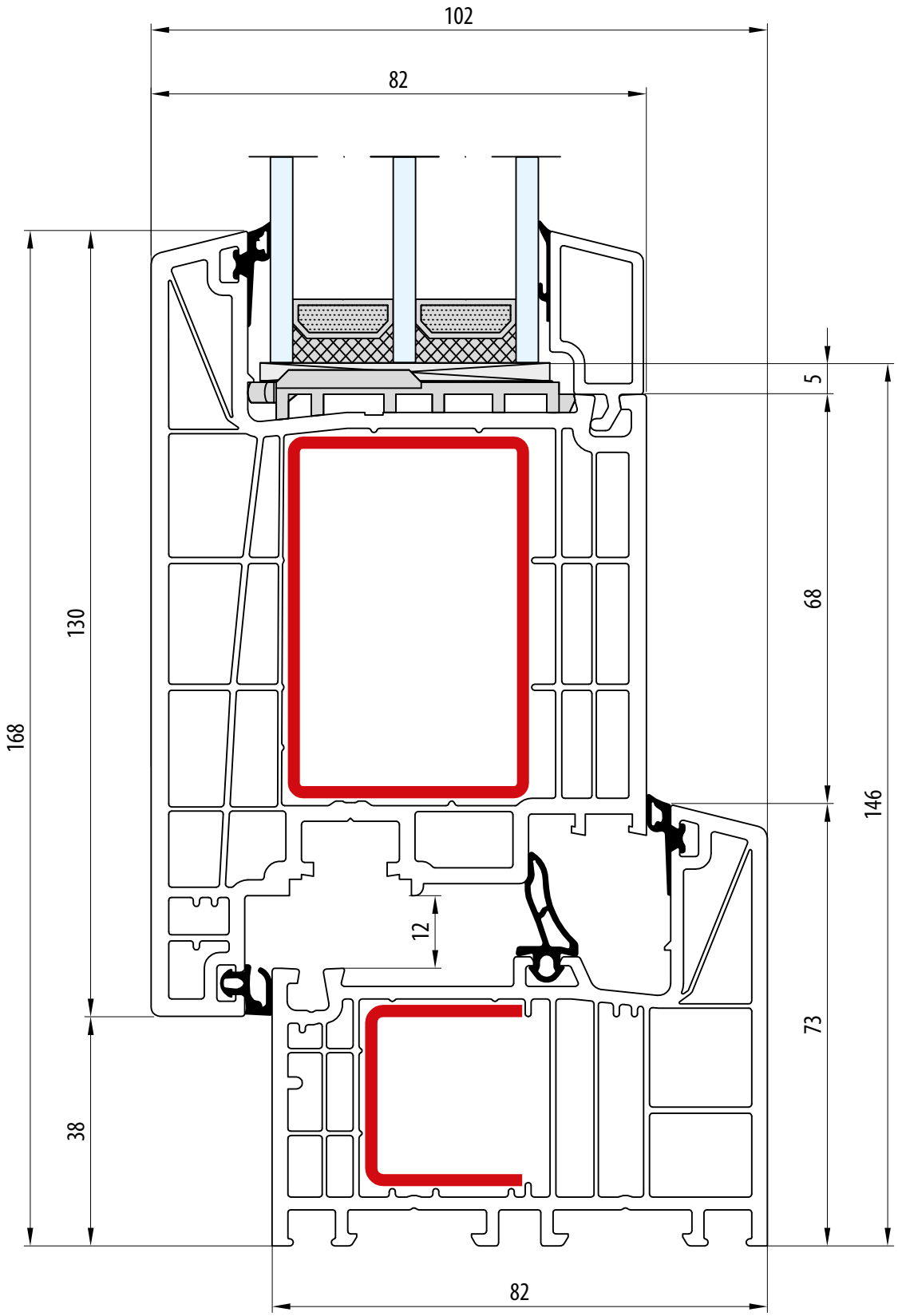
- Rama: 73 mm · Skrzydło: 115 mm
- Dormant: 73 mm · Vantail: 115 mm
- Frame: 73 mm · Sash: 115 mm
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- Telaio: 73 mm · Anta: 115 mm
- Kozijn: 73 mm · Vleugel: 115 mm



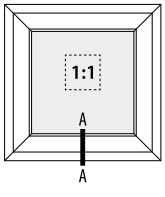


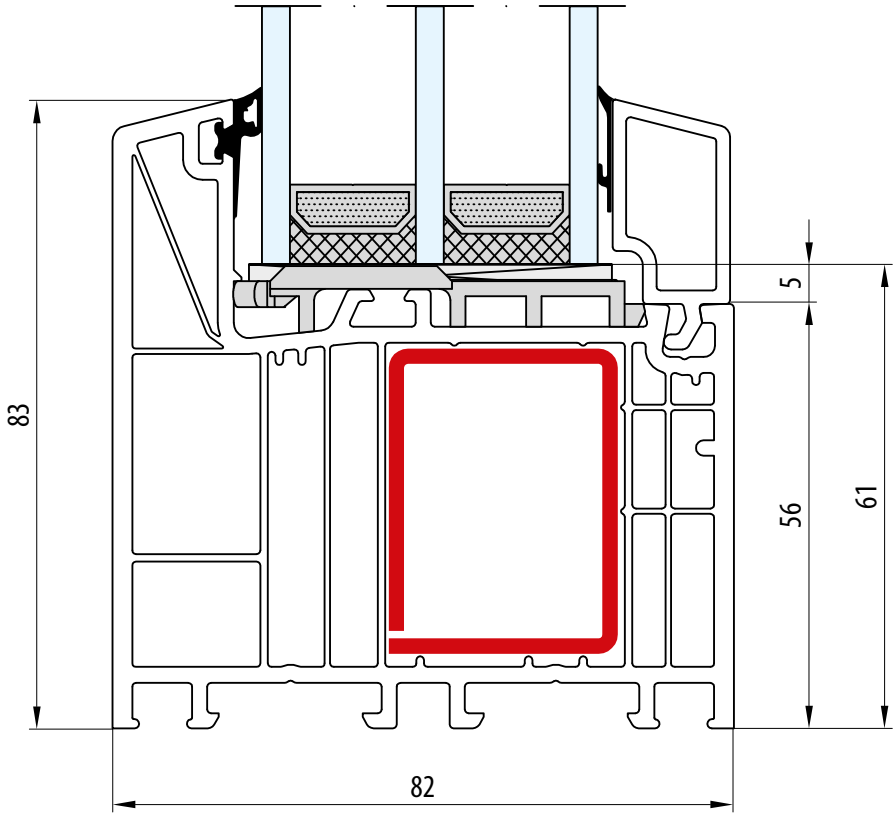
- Rama: 73 mm · Skrzydło: 130 mm
- Dormant: 73 mm · Vantail: 130 mm
- Frame: 73 mm · Sash: 130 mm
- Rahmen: 73 mm · Flügel: 130 mm
- Telaio: 73 mm · Anta: 130 mm
- Kozijn: 73 mm · Vleugel: 130 mm



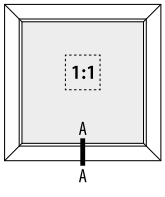


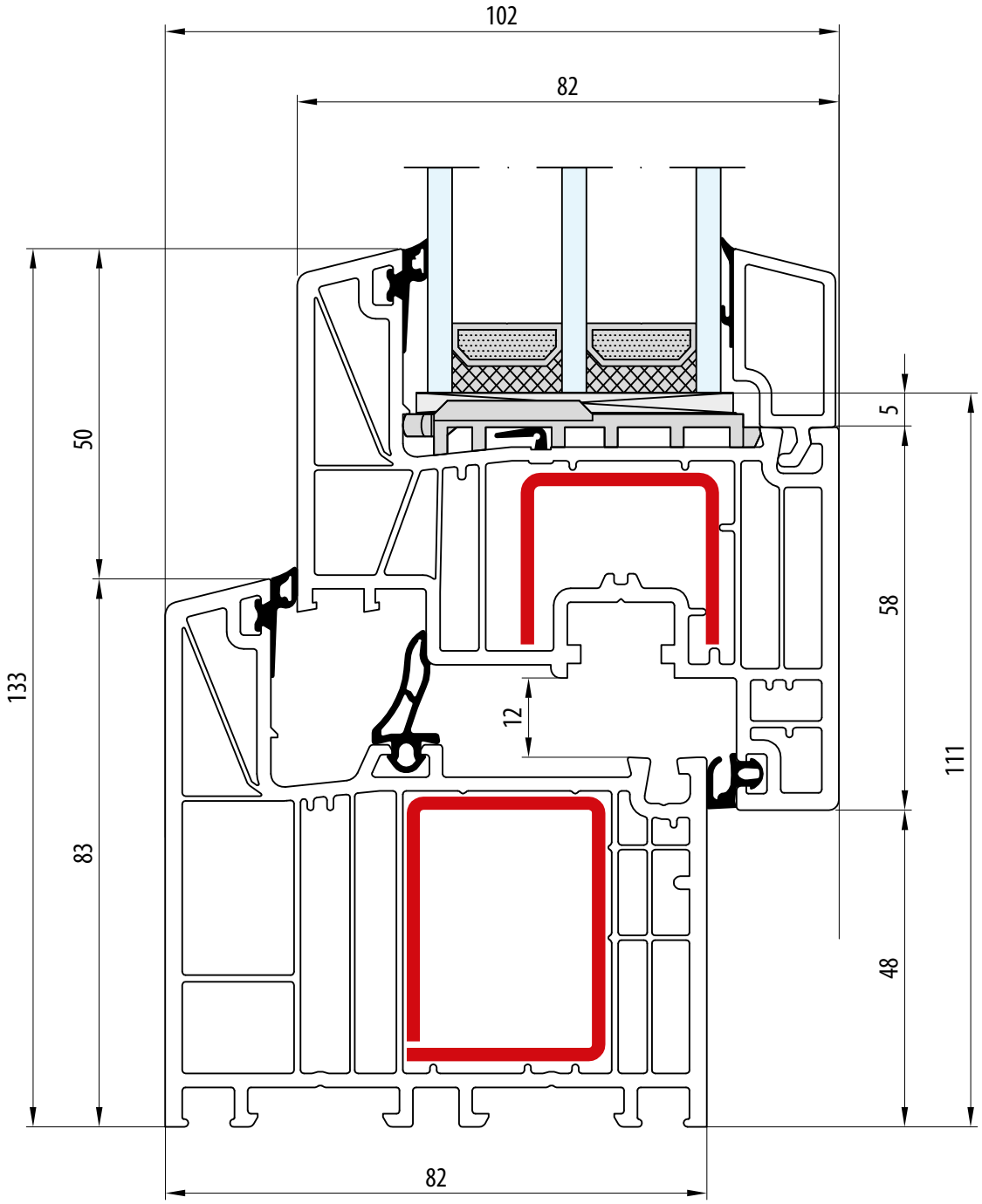
- Rama: 73 mm · Skrzydło: 130 mm
- Dormant: 73 mm · Vantail: 130 mm
- Frame: 73 mm · Sash: 130 mm
- Rahmen: 73 mm · Flügel: 130 mm
- Telaio: 73 mm · Anta: 130 mm
- Kozijn: 73 mm · Vleugel: 130 mm



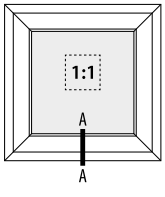


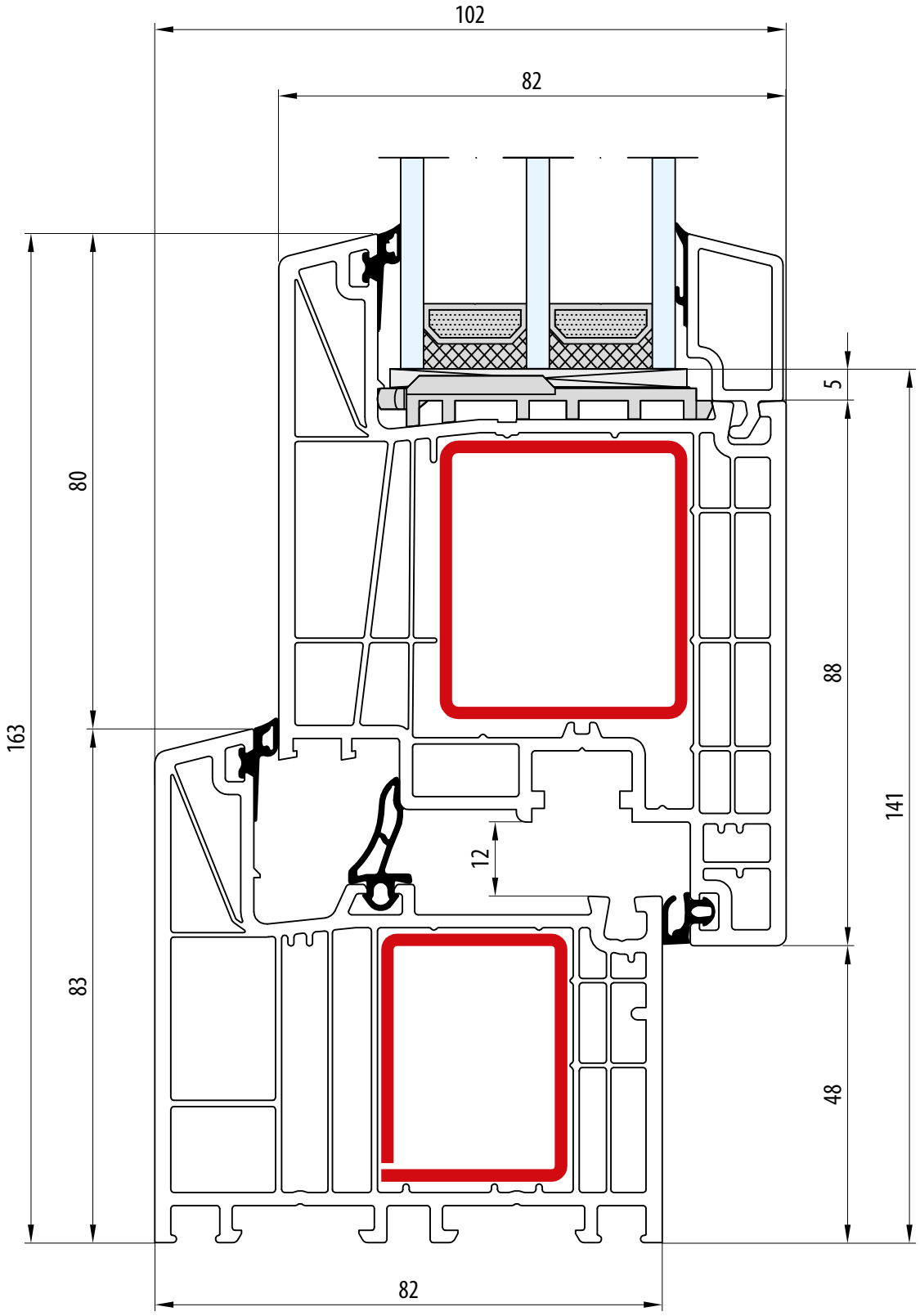
- Rama: 83 mm
- Dormant: 83 mm
- Frame: 83 mm
- Rahmen: 83 mm
- Telaio: 83 mm
- Kozijn: 83 mm



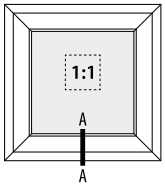


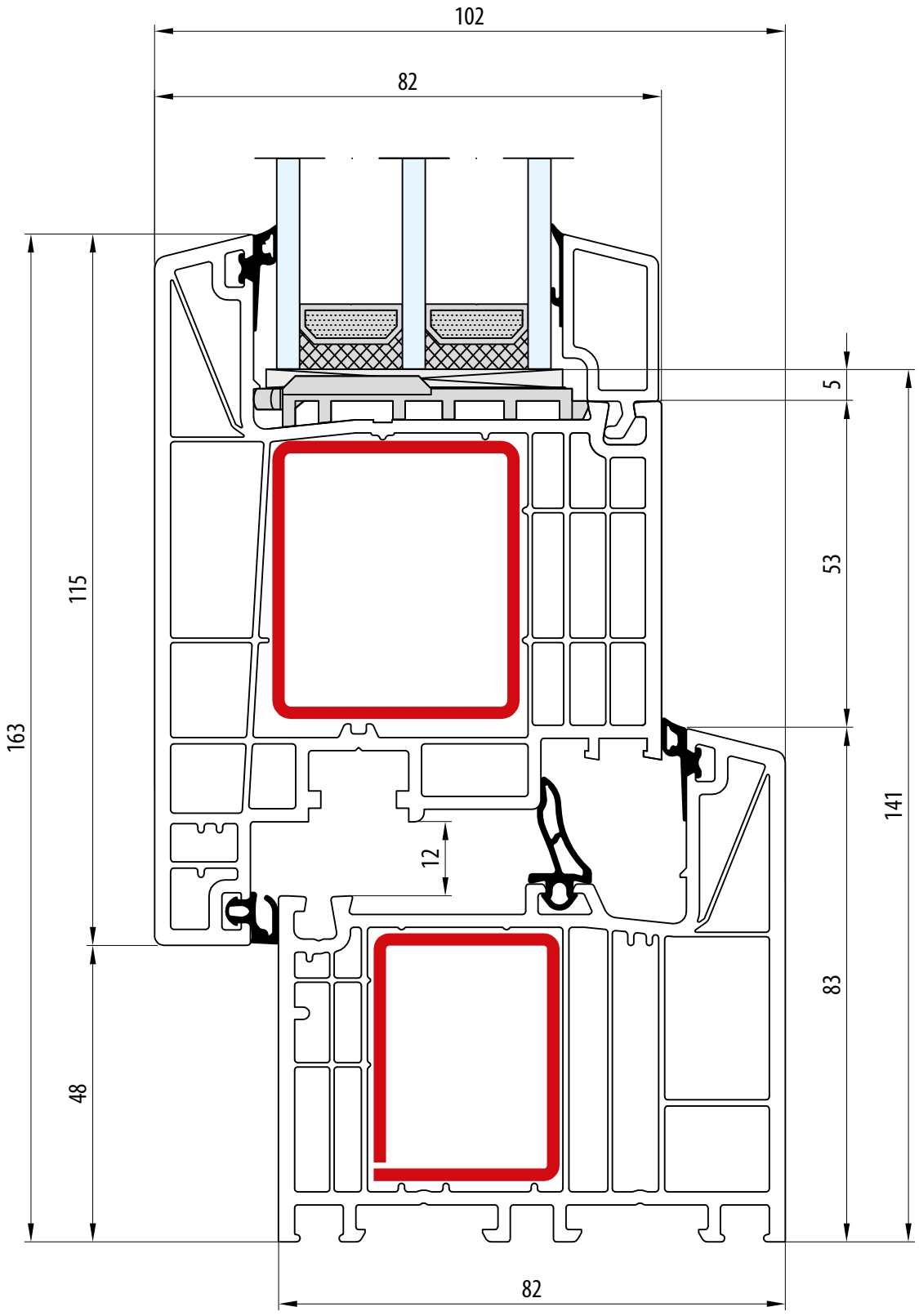
- Rama: 83 mm · Skrzydło: 85 mm
- Dormant: 83 mm · Vantail: 85 mm
- Frame: 83 mm · Sash: 85 mm
- Rahmen: 83 mm · Flügel: 85 mm
- Telaio: 83 mm · Anta: 85 mm
- Kozijn: 83 mm · Vleugel: 85 mm



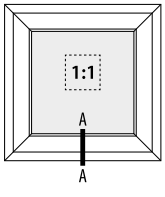


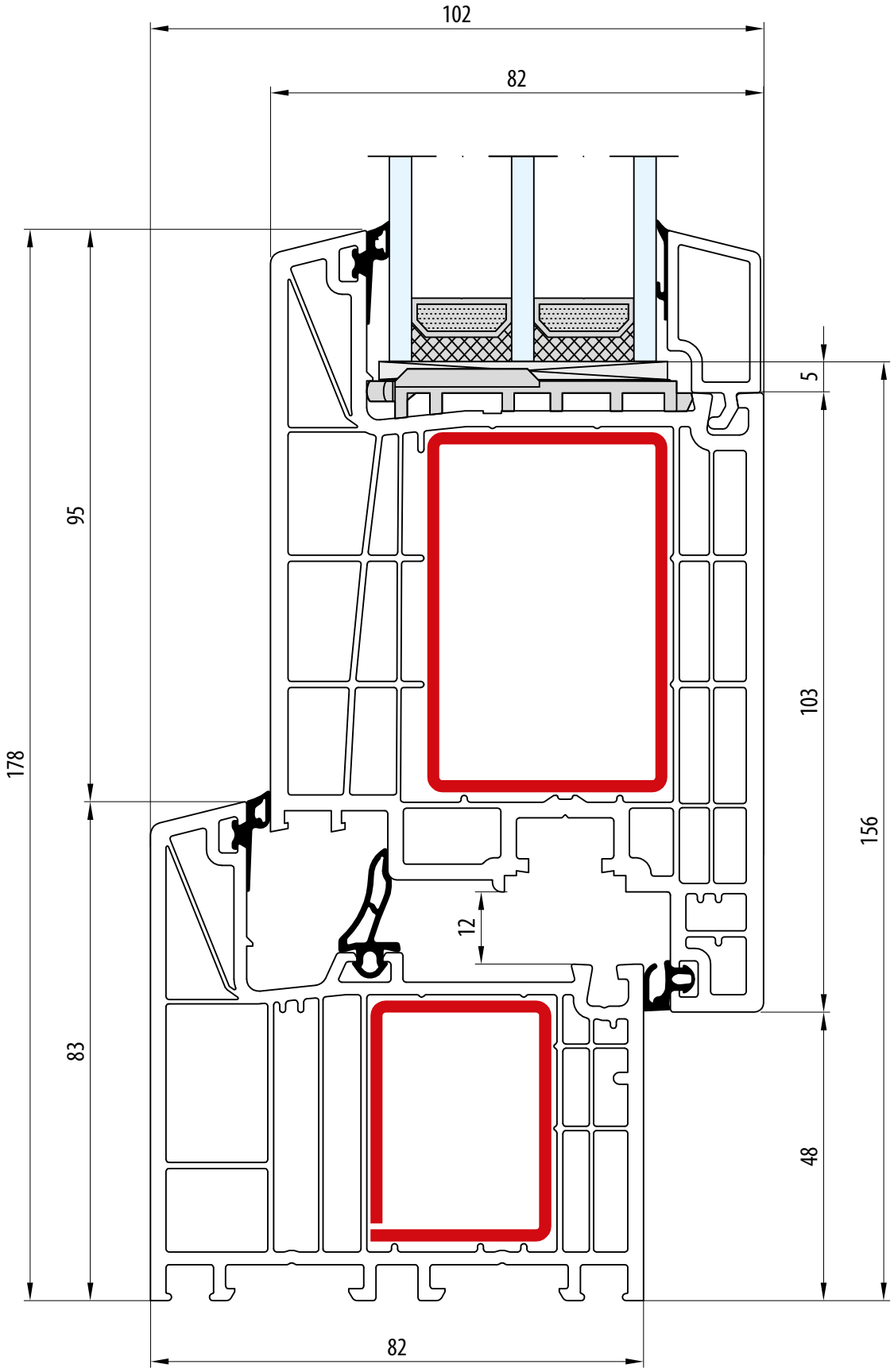
- Rama: 83 mm · Skrzydło: 115 mm
- Dormant: 83 mm · Vantail: 115 mm
- Frame: 83 mm · Sash: 115 mm
- Rahmen: 83 mm · Flügel: 115 mm
- Telaio: 83 mm · Anta: 115 mm
- Kozijn: 83 mm · Vleugel: 115 mm



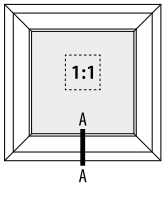


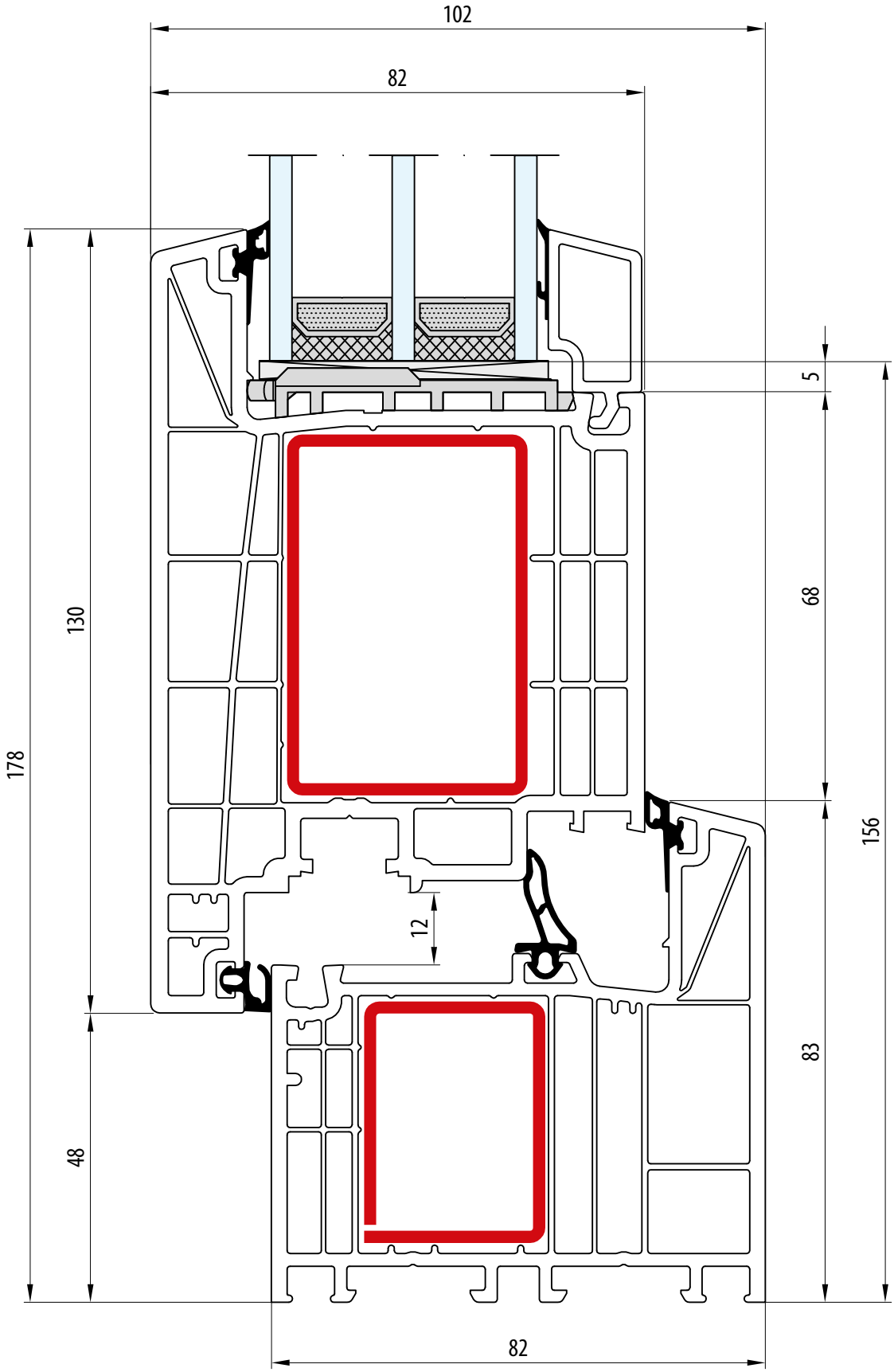
- Rama: 83 mm · Skrzydło: 115 mm
- Dormant: 83 mm · Vantail: 115 mm
- Frame: 83 mm · Sash: 115 mm
- Rahmen: 83 mm · Flügel: 115 mm
- Telaio: 83 mm · Anta: 115 mm
- Kozijn: 83 mm · Vleugel: 115 mm



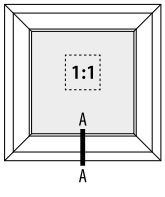


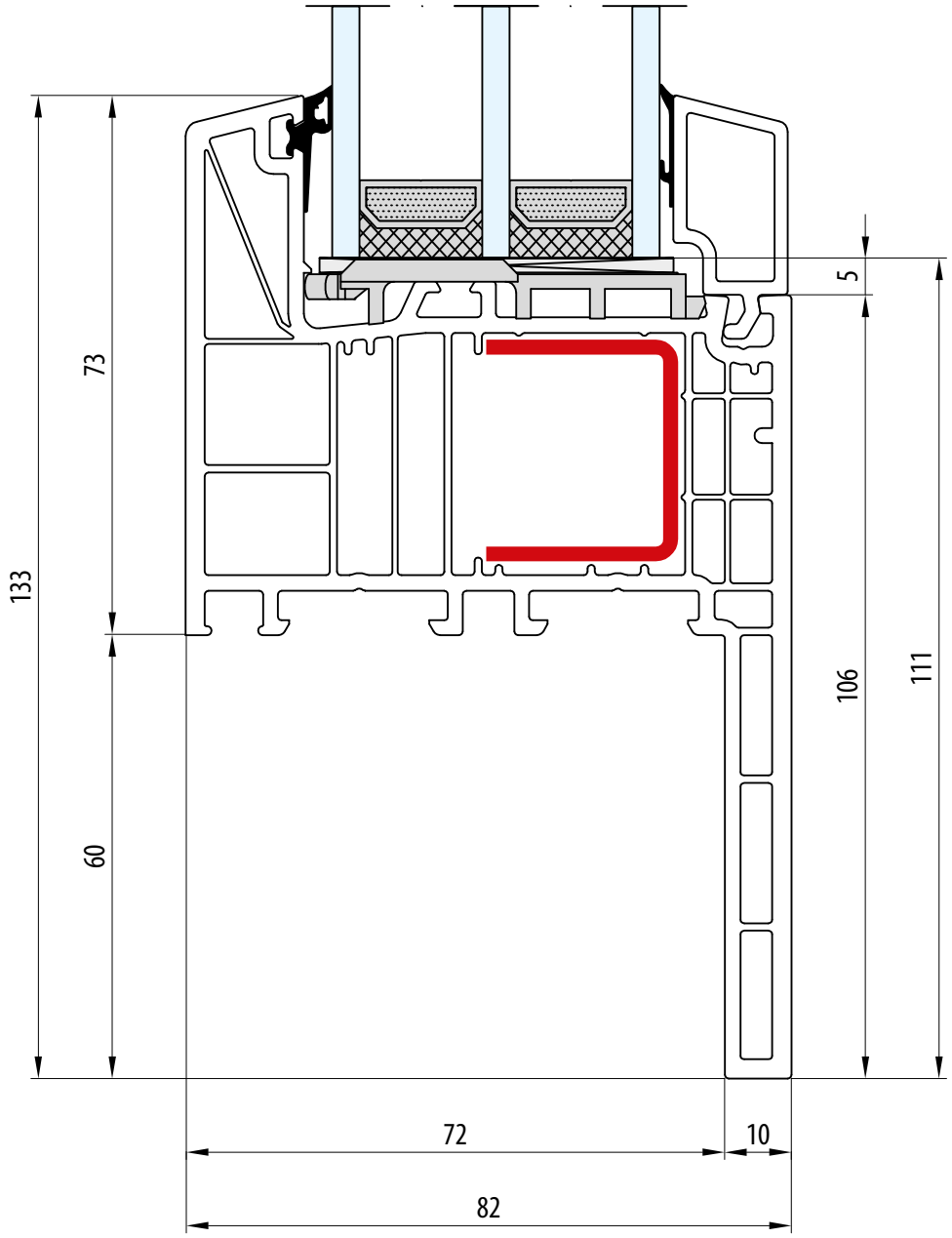
- Rama: 83 mm · Skrzydło: 130 mm
- Dormant: 83 mm · Vantail: 130 mm
- Frame: 83 mm · Sash: 130 mm
- Rahmen: 83 mm · Flügel: 130 mm
- Telaio: 83 mm · Anta: 130 mm
- Kozijn: 83 mm · Vleugel: 130 mm



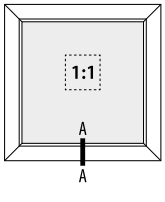


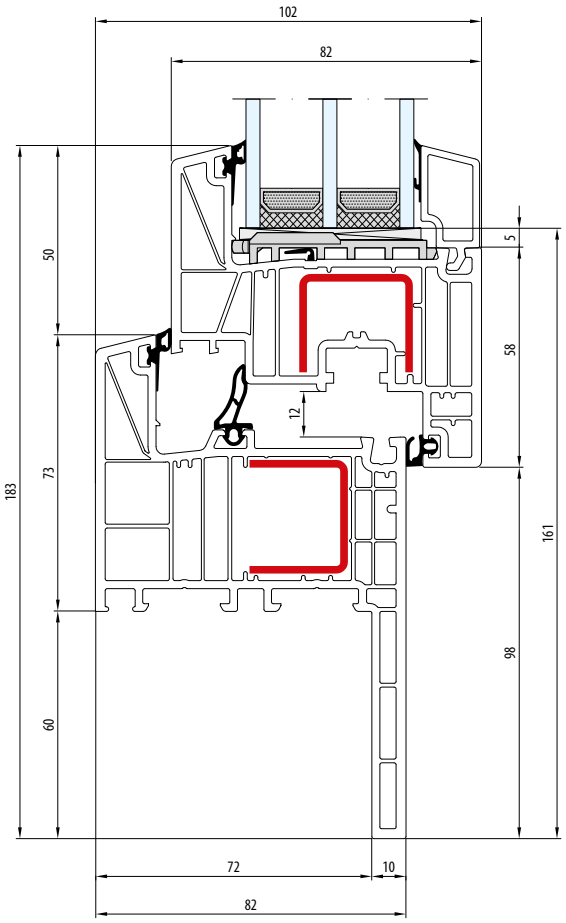
- Rama: 83 mm · Skrzydło: 130 mm
- Dormant: 83 mm · Vantail: 130 mm
- Frame: 83 mm · Sash: 130 mm
- Rahmen: 83 mm · Flügel: 130 mm
- Telaio: 83 mm · Anta: 130 mm
- Kozijn: 83 mm · Vleugel: 130 mm



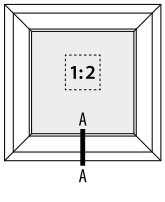


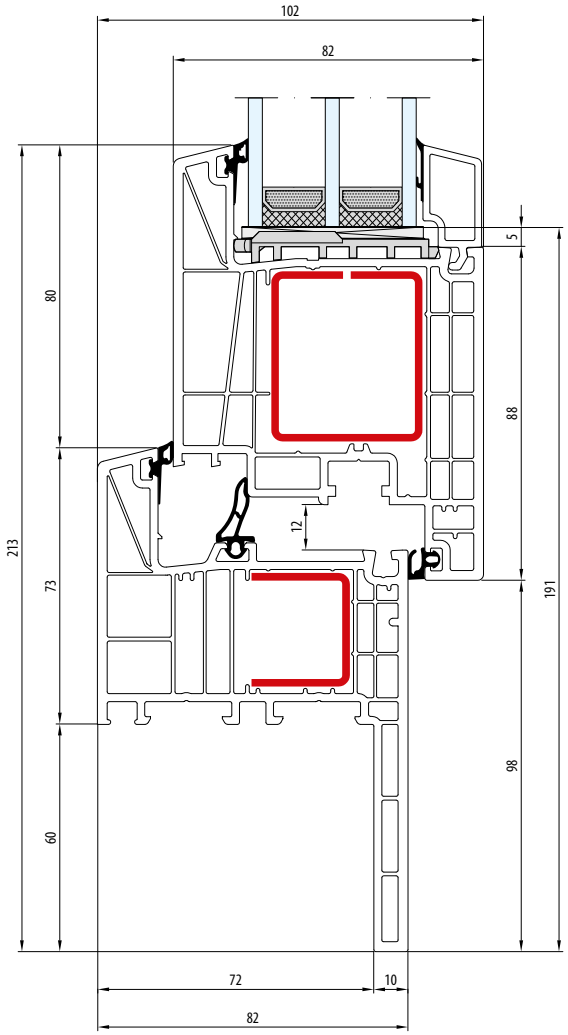
- RENOWACJA - Płetwa: 60 mm · Rama: 73 mm
- RÉNOVATION - Lip: 60 mm · Dormant: 73 mm
- RENOVATION - Strip: 60 mm · Frame: 73 mm
- RENOVIERUNG - Flosse: 60 mm · Rahmen: 73 mm
- RINNOVAZIONE - Aletta da: 60 mm · Telaio: 73 mm
- RENOVATIE - Vin: 60 mm · Kozijn: 73 mm



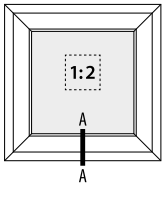


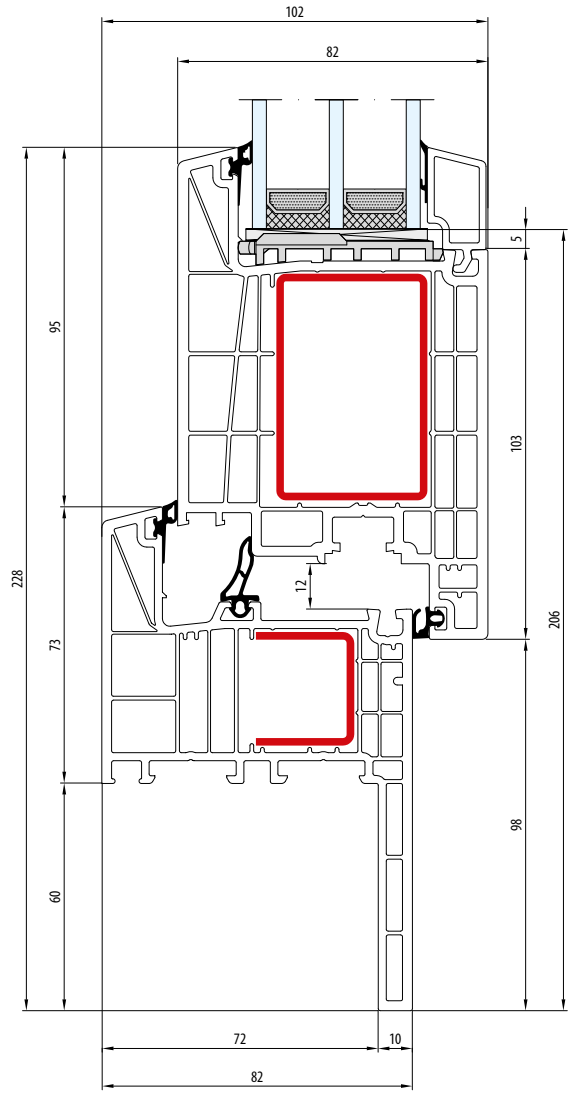
RENOWACJA - Płetwa: 60 mm · Rama: 73 mm · Skrzydło: 85 mm
RÉNOVATION - Lip: 60 mm · Dormant: 73 mm · Vantail: 85 mm
RENOVATION - Strip: 60 mm · Frame: 73 mm · Sash: 85 mm
RENOVIERUNG - Flosse: 60 mm · Rahmen: 73 mm · Flügel: 85 mm
RINNOVAZIONE - Aletta da: 60 mm · Telaio: 73 mm · Anta: 85 mm
RENOVATIE - Vin: 60 mm · Kozijn: 73 mm · Vleugel: 85 mm



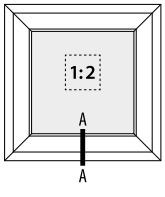


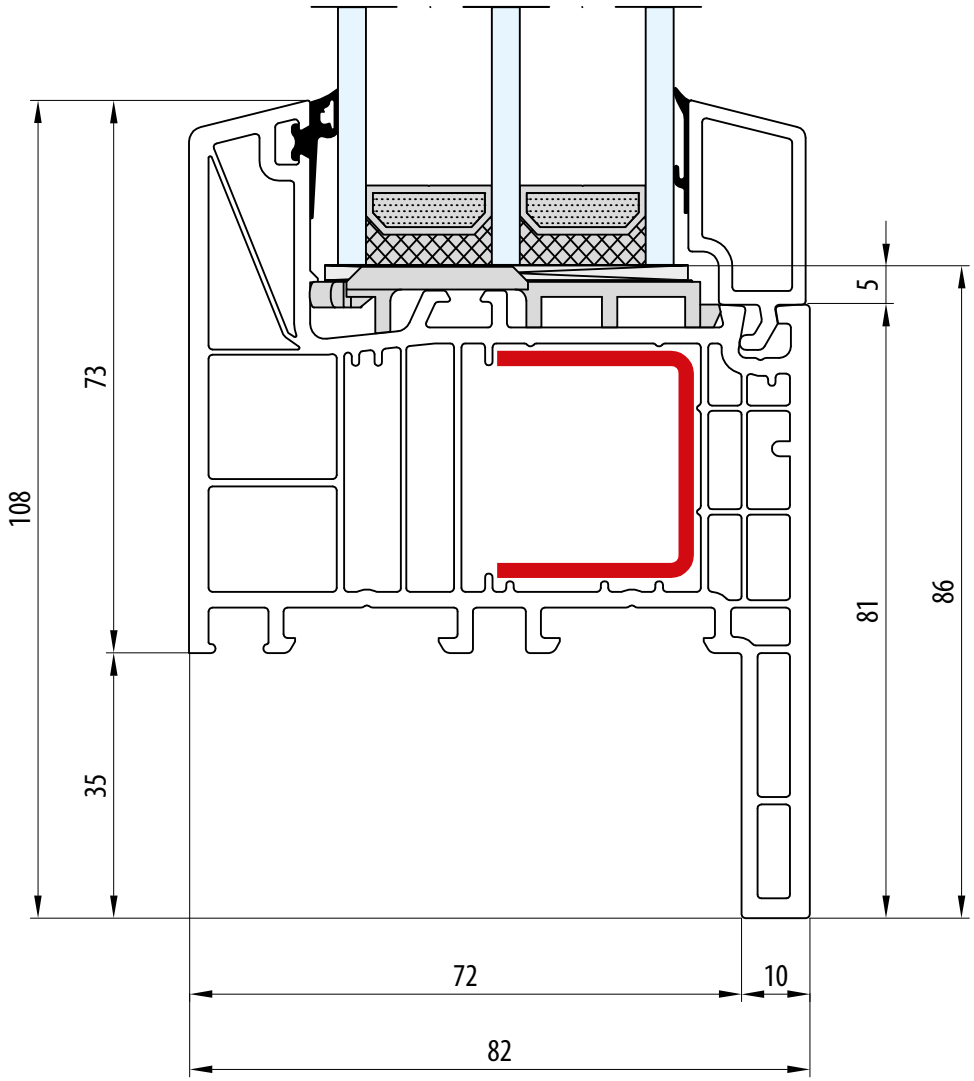
- RENOWACJA - Płetwa: 60 mm · Rama: 73 mm · Skrzydło: 115 mm
- RÉNOVATION - Lip: 60 mm · Dormant: 73 mm · Vantail: 115 mm
- RENOVATION - Strip: 60 mm · Frame: 73 mm · Sash: 115 mm
- RENOVIERUNG - Flosse: 60 mm · Rahmen: 73 mm · Flügel: 115 mm
- RINNOVAZIONE - Aletta da: 60 mm · Telaio: 73 mm · Anta: 115 mm
- RENOVATIE - Vin: 60 mm · Kozijn: 73 mm · Vleugel: 115 mm



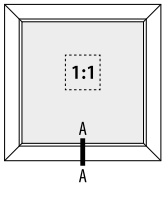


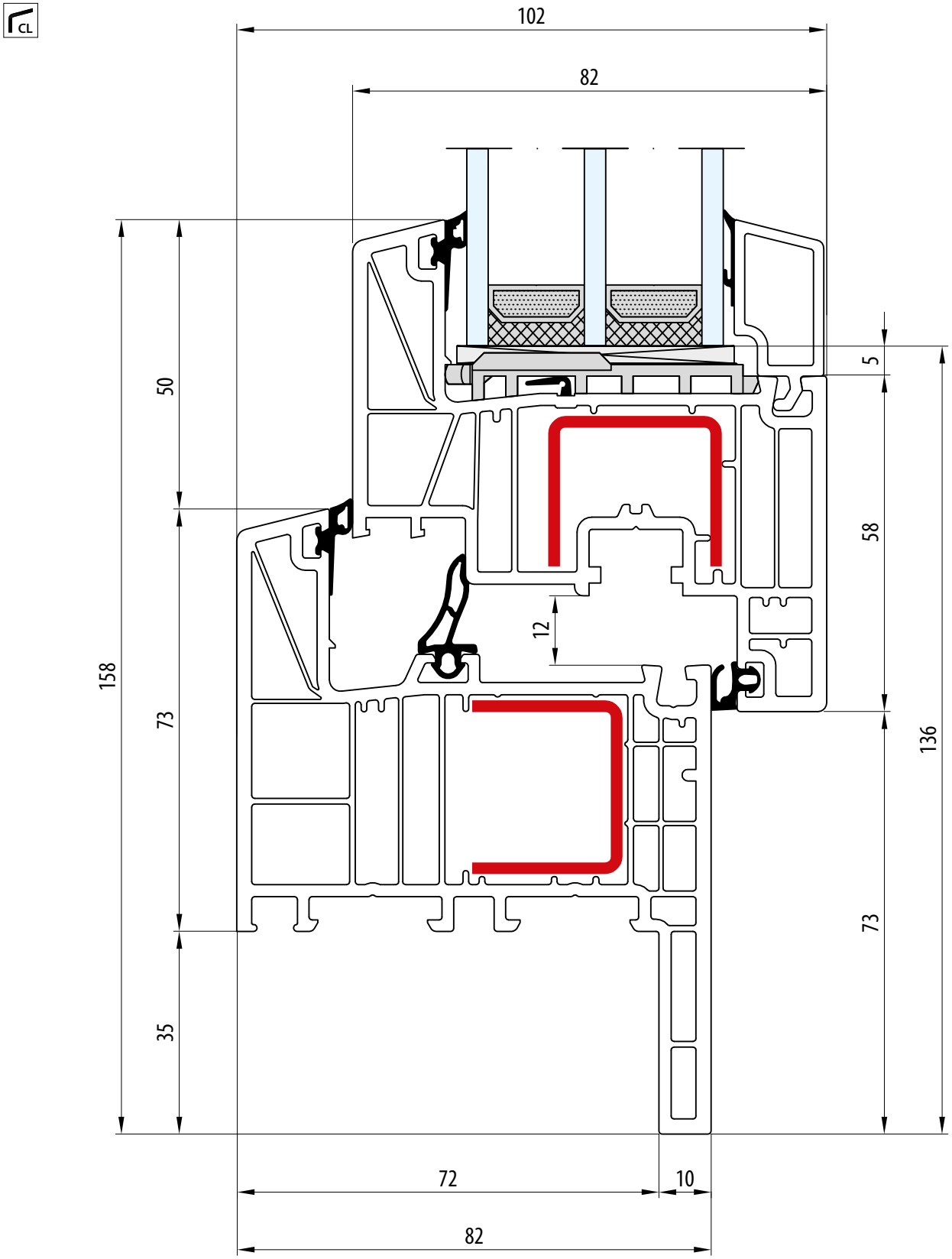
RENOWACJA - Płetwa: 60 mm · Rama: 73 mm · Skrzydło: 130 mm
RÉNOVATION - Lip: 60 mm · Dormant: 73 mm · Vantail: 130 mm
RENOVATION - Strip: 60 mm · Frame: 73 mm · Sash: 130 mm
RENOVIERUNG - Flosse: 60 mm · Rahmen: 73 mm · Flügel: 130 mm
RINNOVAZIONE - Aletta da: 60 mm · Telaio: 73 mm · Anta: 130 mm
RENOVATIE - Vin: 60 mm · Kozijn: 73 mm · Vleugel: 130 mm



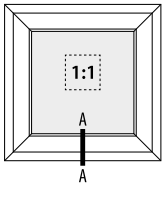


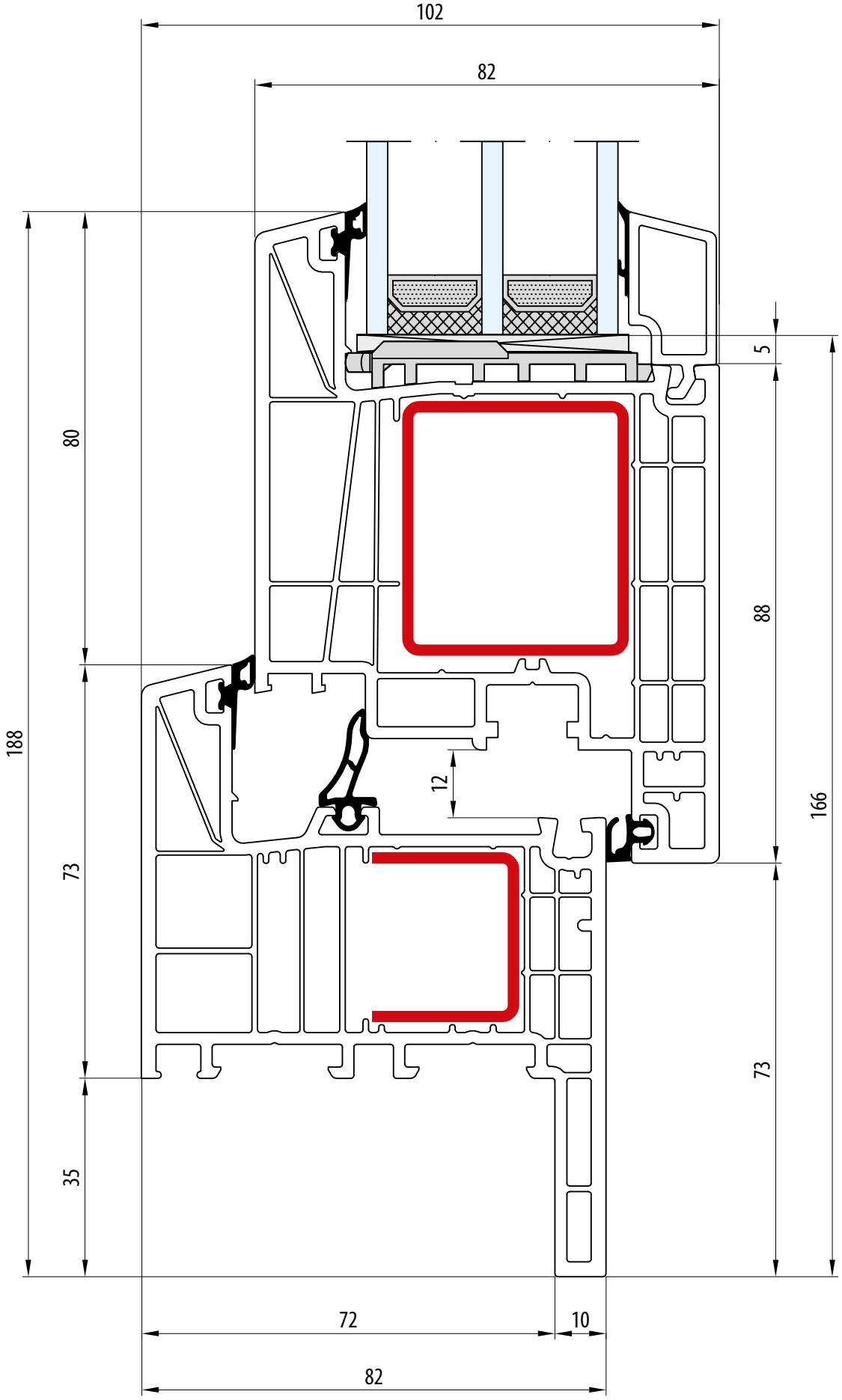
- RENOWACJA - Płetwa: 35 mm · Rama: 73 mm
- RÉNOVATION - Lip: 35 mm · Dormant: 73 mm
- RENOVATION - Strip: 35 mm · Frame: 73 mm
- RENOVIERUNG - Flosse: 35 mm · Rahmen: 73 mm
- RINNOVAZIONE - Aletta da: 35 mm · Telaio: 73 mm
- RENOVATIE - Vin: 35 mm · Kozijn: 73 mm



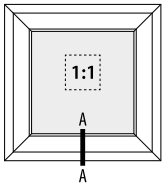


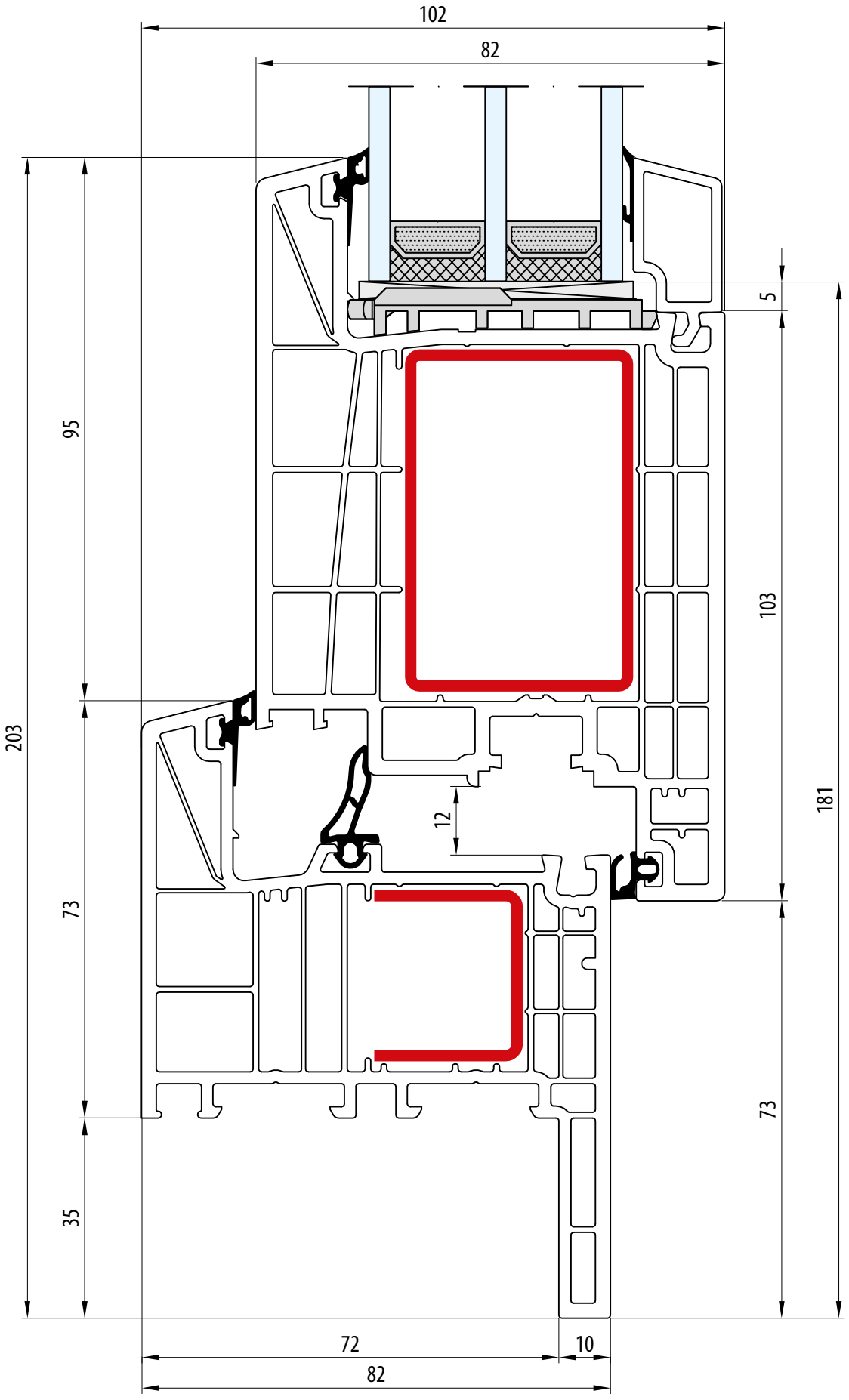
RENOWACJA - Płetwa: 35 mm · Rama: 73 mm · Skrzydło: 85 mm
RÉNOVATION - Lip: 35 mm · Dormant: 73 mm · Vantail: 85 mm
RENOVATION - Strip: 35 mm · Frame: 73 mm · Sash: 85 mm
RENOVIERUNG - Flosse: 35 mm · Rahmen: 73 mm · Flügel: 85 mm
RINNOVAZIONE - Aletta da: 35 mm · Telaio: 73 mm · Anta: 85 mm
RENOVATIE - Vin: 35 mm · Kozijn: 73 mm · Vleugel: 85 mm



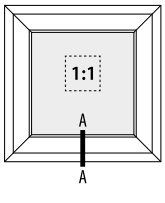


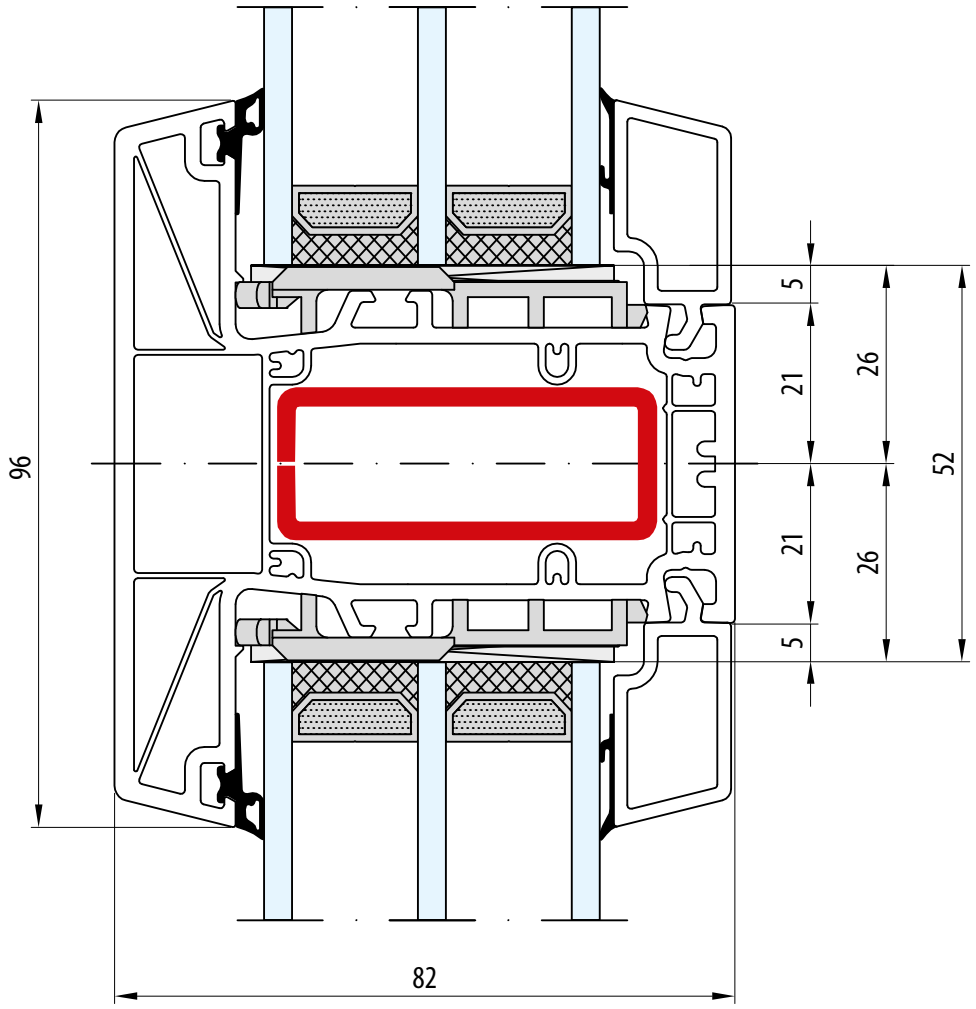
- RENOWACJA - Płetwa: 35 mm · Rama: 73 mm · Skrzydło: 115 mm
- RÉNOVATION - Lip: 35 mm · Dormant: 73 mm · Vantail: 115 mm
- RENOVATION - Strip: 35 mm · Frame: 73 mm · Sash: 115 mm
- RENOVIERUNG - Flosse: 35 mm · Rahmen: 73 mm · Flügel: 115 mm
- RINNOVAZIONE - Aletta da: 35 mm · Telaio: 73 mm · Anta: 115 mm
- RENOVATIE - Vin: 35 mm · Kozijn: 73 mm · Vleugel: 115 mm



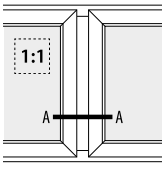


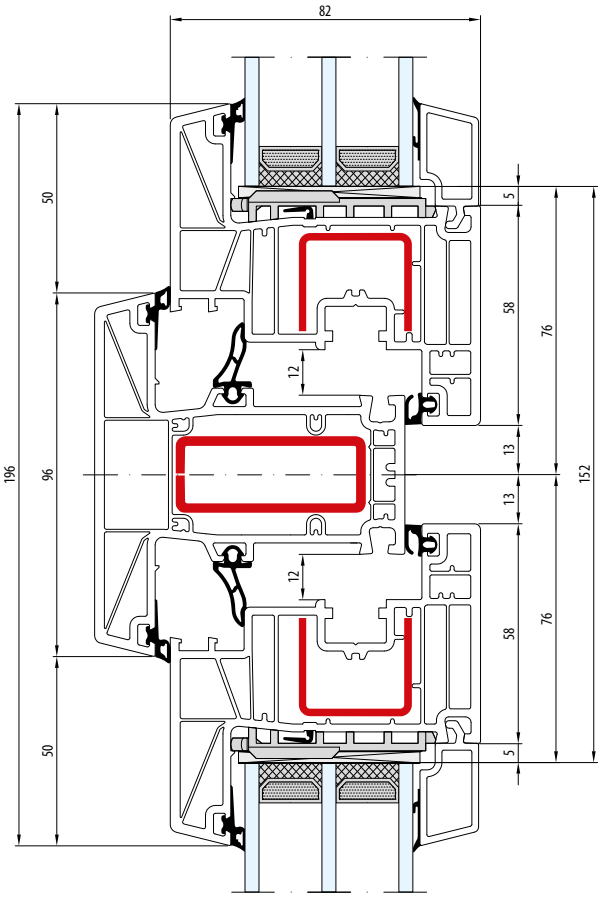
RENOWACJA - Płetwa: 35 mm · Rama: 73 mm · Skrzydło: 130 mm
RÉNOVATION - Lip: 35 mm · Dormant: 73 mm · Vantail: 130 mm
RENOVATION - Strip: 35 mm · Frame: 73 mm · Sash: 130 mm
RENOVIERUNG - Flosse: 35 mm · Rahmen: 73 mm · Flügel: 130 mm
RINNOVAZIONE - Aletta da: 35 mm · Telaio: 73 mm · Anta: 130 mm
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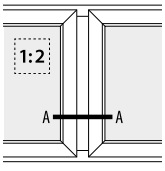


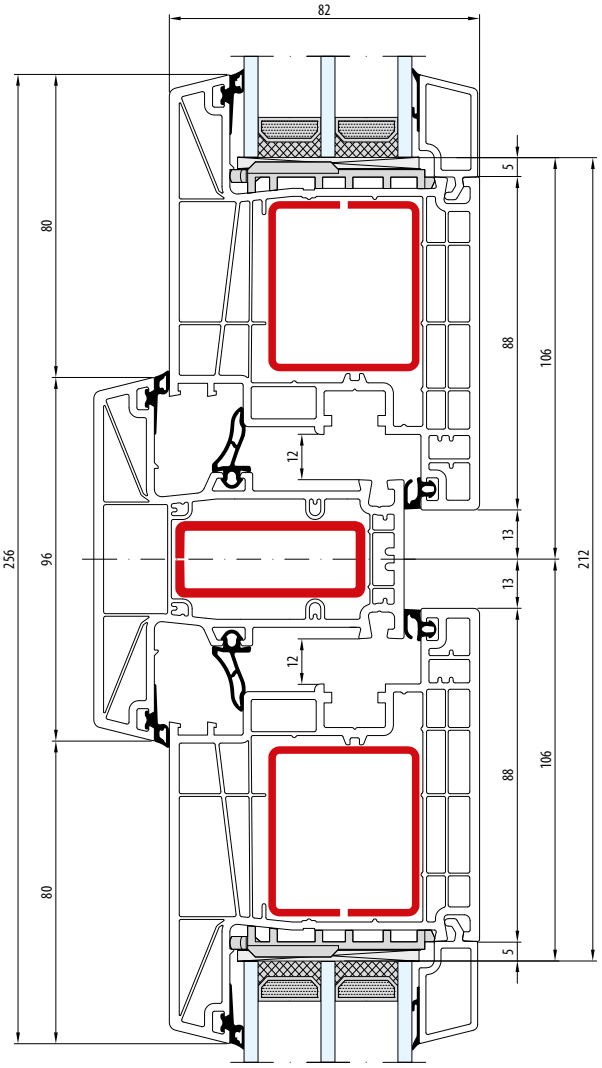
- Słupek stały: 96 mm
- Meneau fixe: 96 mm
- Fix post: 96 mm
- Festem Pfahl: 96 mm
- Montante fisso: 96 mm
- Vaste stijl: 96 mm



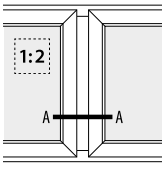


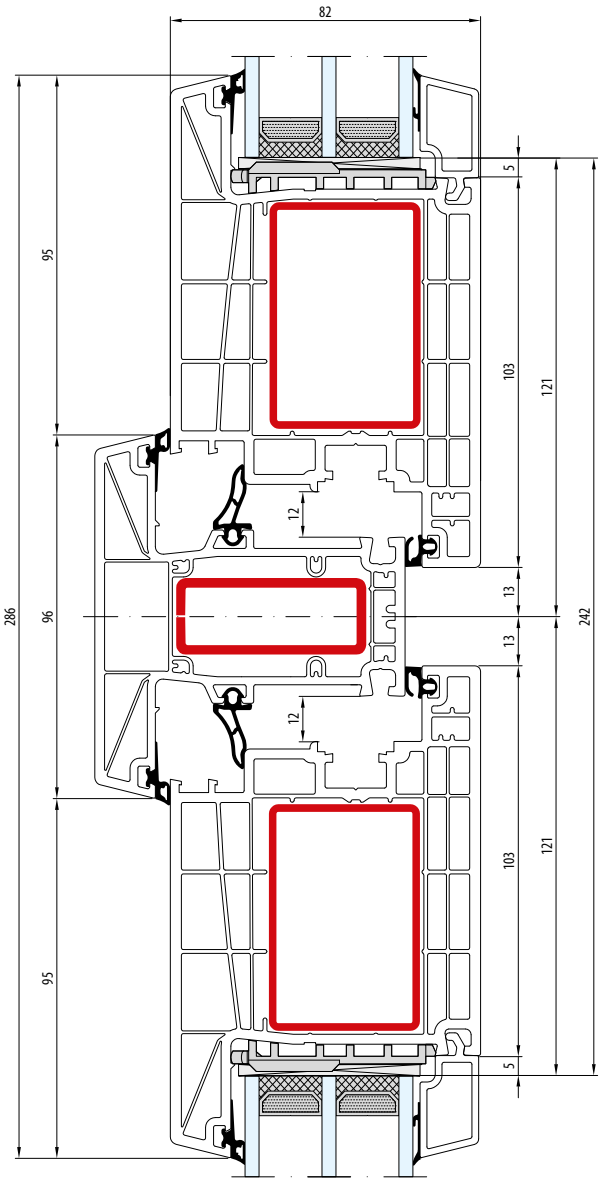
- Słupek stały: 96 mm · Skrzydło: 85 mm
- Meneau fixe: 96 mm · Vantail: 85 mm
- Fix post: 96 mm · Sash: 85 mm
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- Montante fisso: 96 mm · Anta: 85 mm
- Vaste stijl: 96 mm · Vleugel: 85 mm



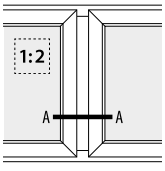


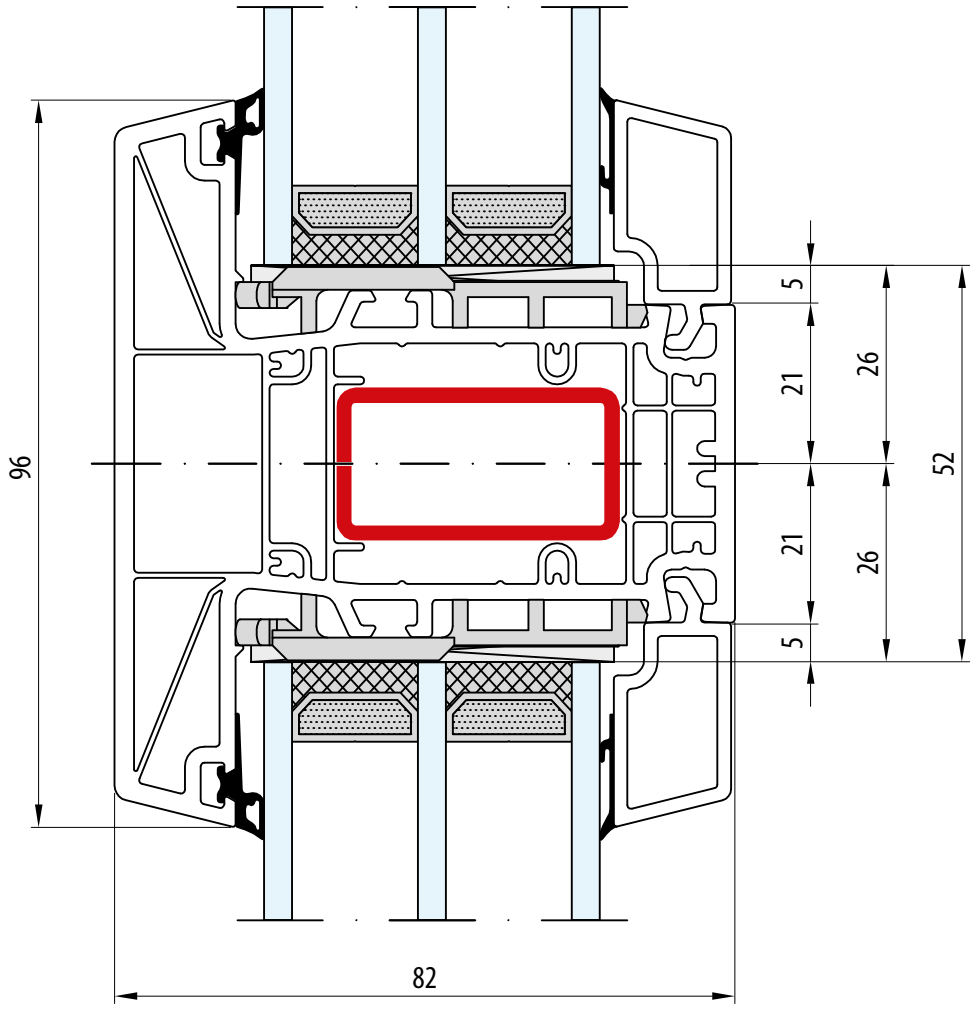
- Słupek stały: 96 mm · Skrzydło: 115 mm
- Meneau fixe: 96 mm · Vantail: 115 mm
- Fix post: 96 mm · Sash: 115 mm
- Festem Pfahl: 96 mm · Flügel: 115 mm
- Montante fisso: 96 mm · Anta: 115 mm
- Vaste stijl: 96 mm · Vleugel: 115 mm



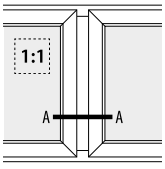


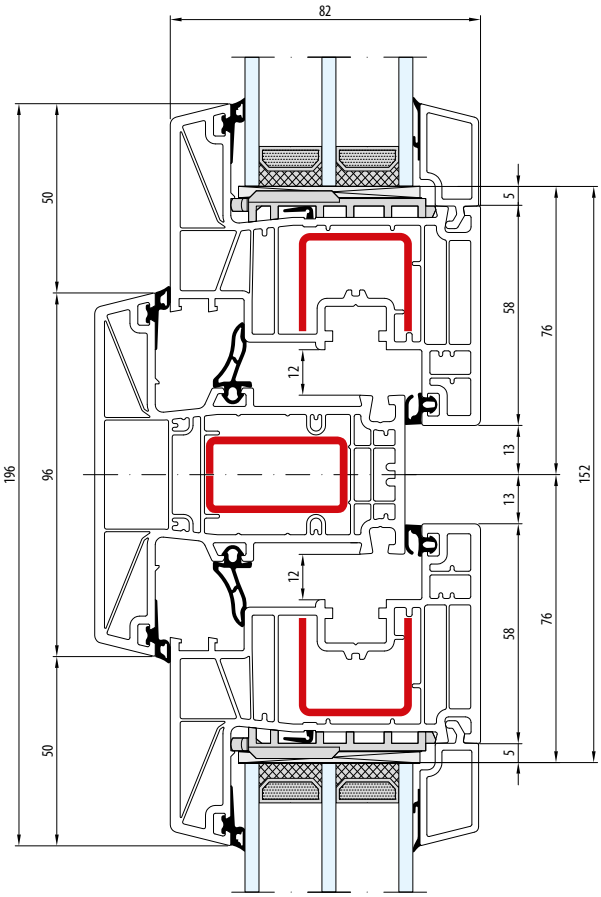
- Słupek stały: 96 mm · Skrzydło: 130 mm
- Meneau fixe: 96 mm · Vantail: 130 mm
- Fix post: 96 mm · Sash: 130 mm
- Festem Pfahl: 96 mm · Flügel: 130 mm
- Montante fisso: 96 mm · Anta: 130 mm
- Vaste stijl: 96 mm · Vleugel: 130 mm



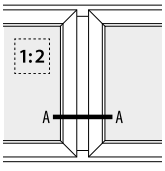


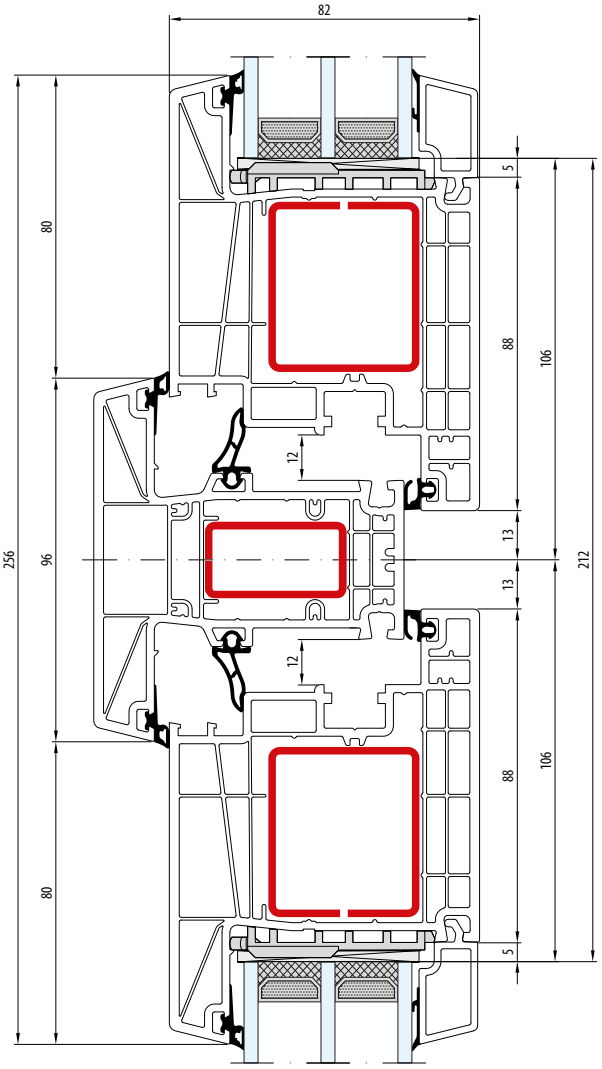
- Słupek stały: 96 mm
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- Montante fisso: 96 mm
- Vaste stijl: 96 mm



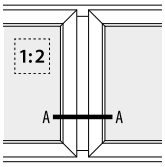


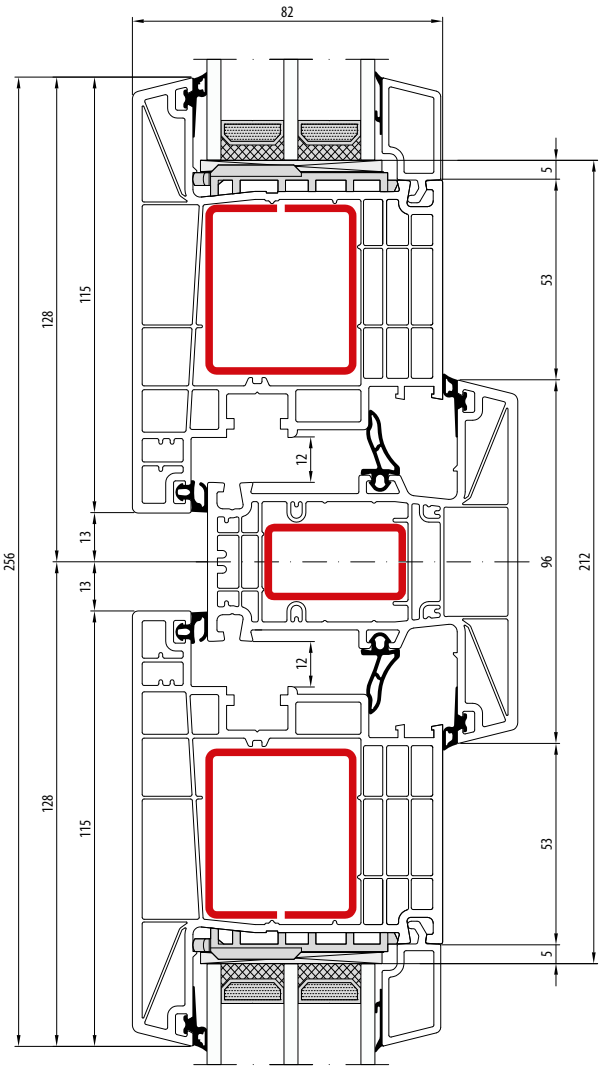
- Słupek stały: 96 mm · Skrzydło: 85 mm
- Meneau fixe: 96 mm · Vantail: 85 mm
- Fix post: 96 mm · Sash: 85 mm
- Festem Pfahl: 96 mm · Flügel: 85 mm
- Montante fisso: 96 mm · Anta: 85 mm
- Vaste stijl: 96 mm · Vleugel: 85 mm



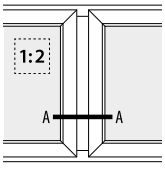


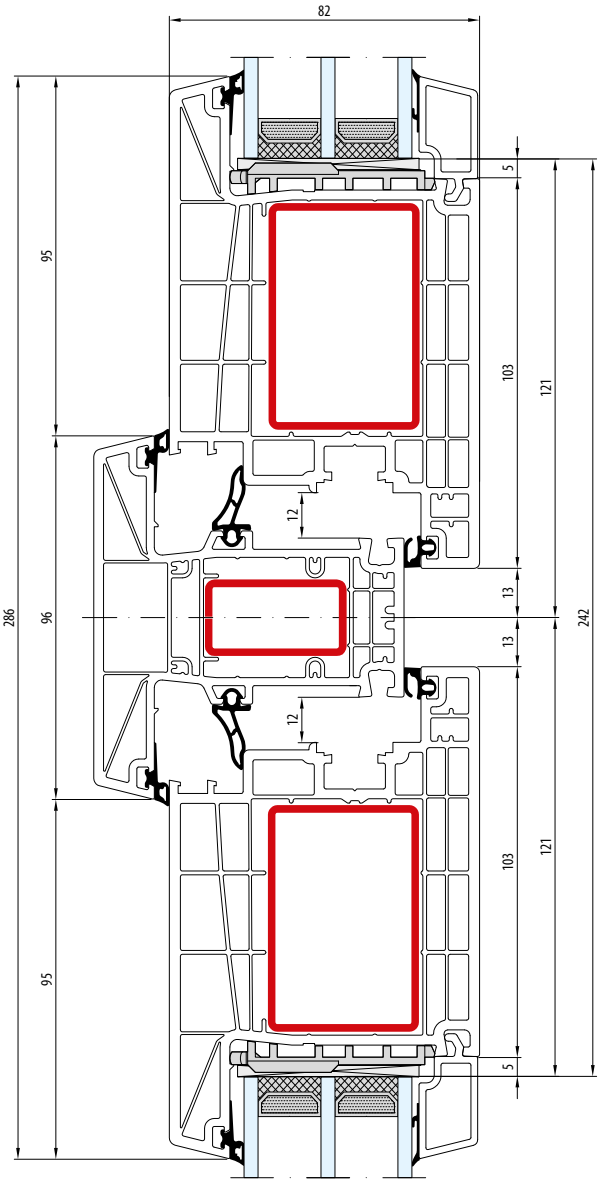
- Słupek stały: 96 mm · Skrzydło: 115 mm
- Meneau fixe: 96 mm · Vantail: 115 mm
- Fix post: 96 mm · Sash: 115 mm
- Festem Pfahl: 96 mm · Flügel: 115 mm
- Montante fisso: 96 mm · Anta: 115 mm
- Vaste stijl: 96 mm · Vleugel: 115 mm



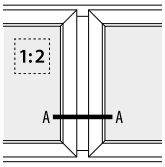


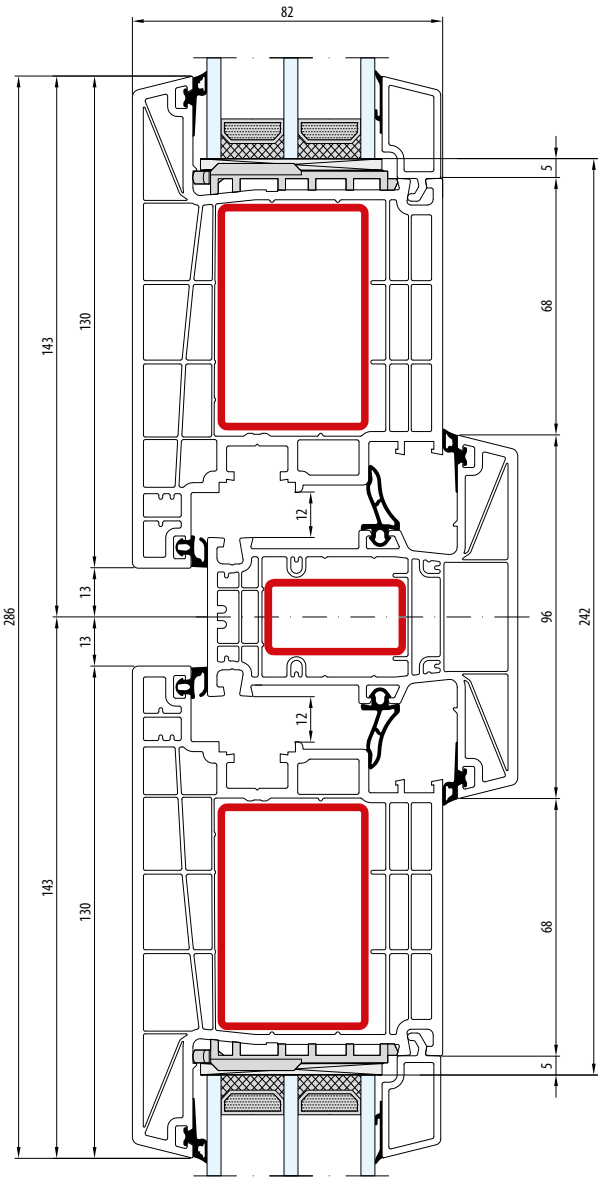
- Słupek stały: 96 mm · Skrzydło: 115 mm
- Meneau fixe: 96 mm · Vantail: 115 mm
- Fix post: 96 mm · Sash: 115 mm
- Festem Pfahl: 96 mm · Flügel: 115 mm
- Montante fisso: 96 mm · Anta: 115 mm
- Vaste stijl: 96 mm · Vleugel: 115 mm



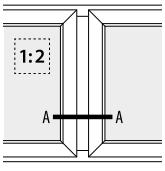


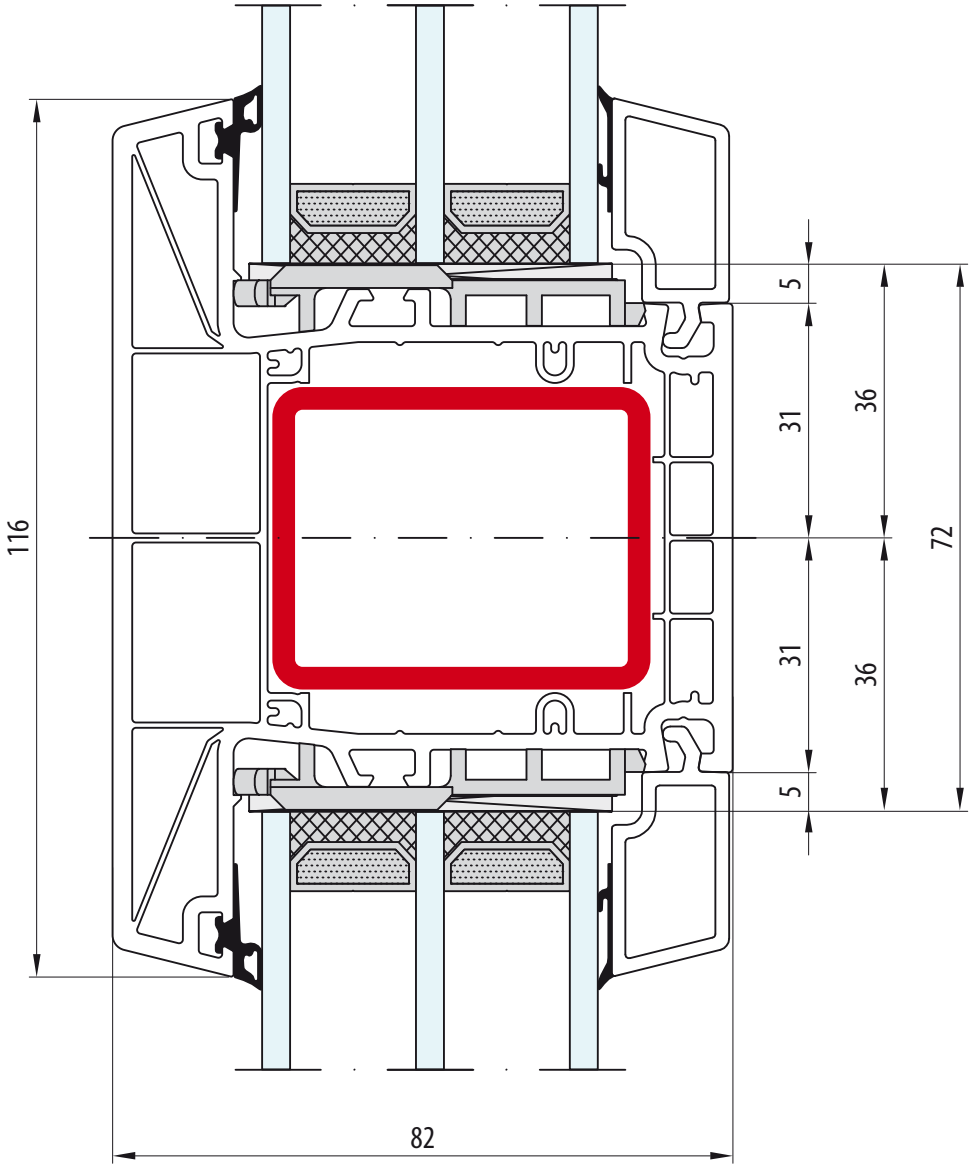
- Słupek stały: 96 mm · Skrzydło: 130 mm
- Meneau fixe: 96 mm · Vantail: 130 mm
- Fix post: 96 mm · Sash: 130 mm
- Festem Pfahl: 96 mm · Flügel: 130 mm
- Montante fisso: 96 mm · Anta: 130 mm
- Vaste stijl: 96 mm · Vleugel: 130 mm



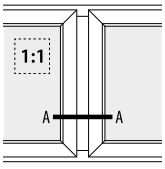


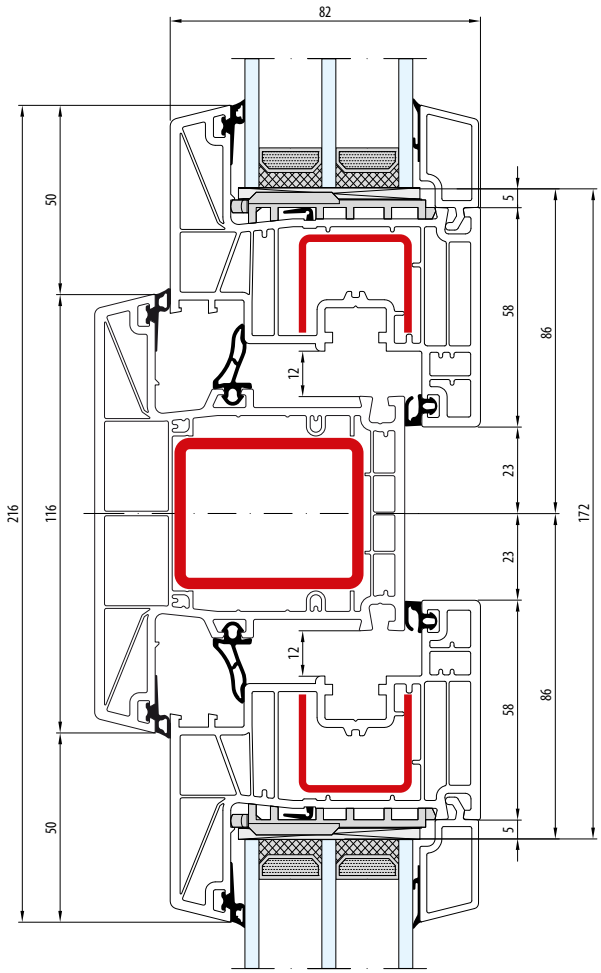
- Słupek stały: 96 mm · Skrzydło: 130 mm
- Meneau fixe: 96 mm · Vantail: 130 mm
- Fix post: 96 mm · Sash: 130 mm
- Festem Pfahl: 96 mm · Flügel: 130 mm
- Montante fisso: 96 mm · Anta: 130 mm
- Vaste stijl: 96 mm · Vleugel: 130 mm



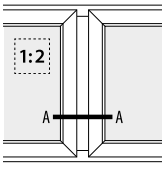


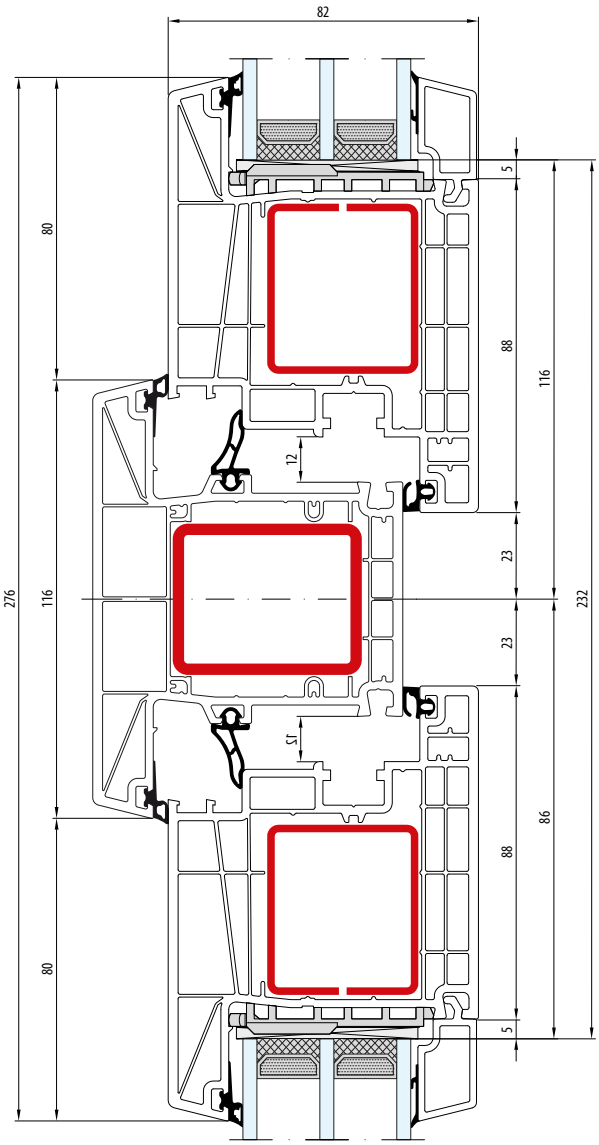
- Słupek stały: 116 mm
- Meneau fixe: 116 mm
- Fix post: 116 mm
- Festem Pfahl: 116 mm
- Montante fisso: 116 mm
- Vaste stijl: 116 mm



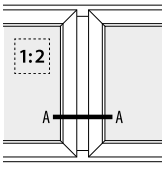


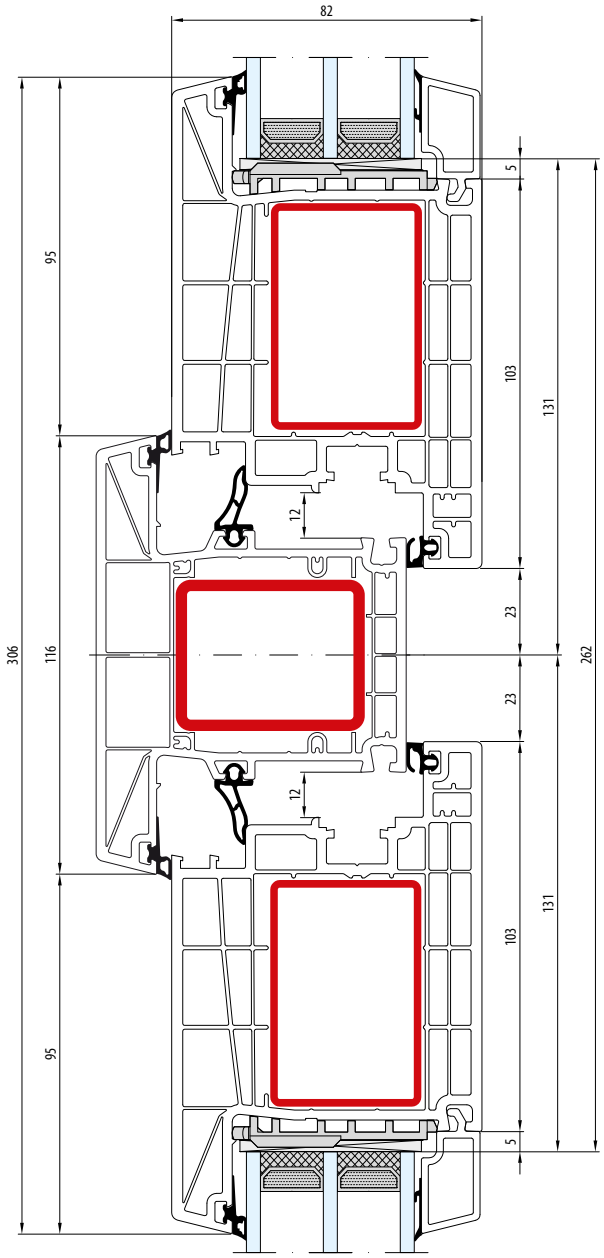
- Słupek stały: 116 mm · Skrzydło: 85 mm
- Meneau fixe: 116 mm · Vantail: 85 mm
- Fix post: 116 mm · Sash: 85 mm
- Festem Pfahl: 116 mm · Flügel: 85 mm
- Montante fisso: 116 mm · Anta: 85 mm
- Vaste stijl: 116 mm · Vleugel: 85 mm



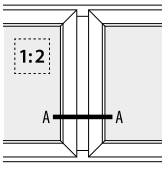


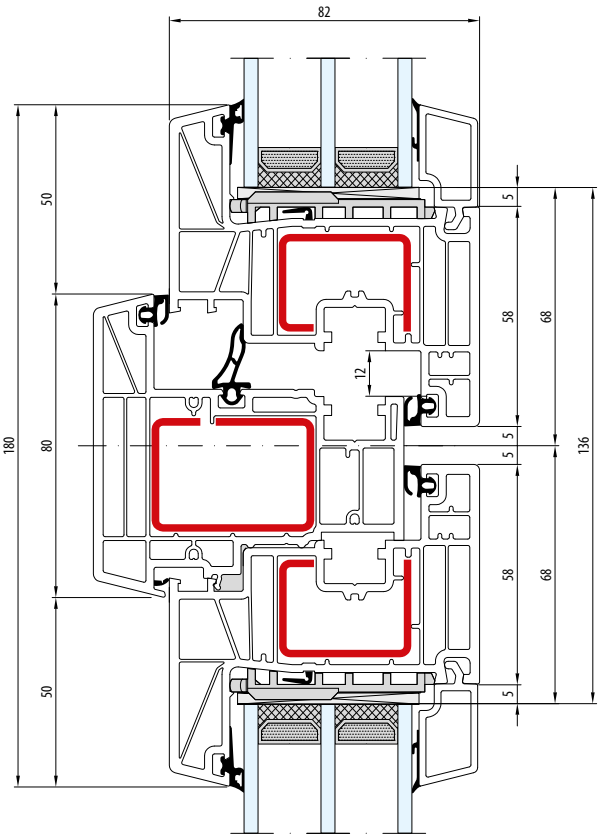
Słupek stały: 116 mm · Skrzydło: 115 mm
Meneau fixe: 116 mm · Vantail: 115 mm
Fix post: 116 mm · Sash: 115 mm
Festem Pfahl: 116 mm · Flügel: 115 mm
Montante fisso: 116 mm · Anta: 115 mm
Vaste stijl: 116 mm · Vleugel: 115 mm



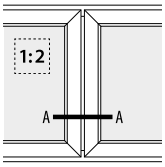


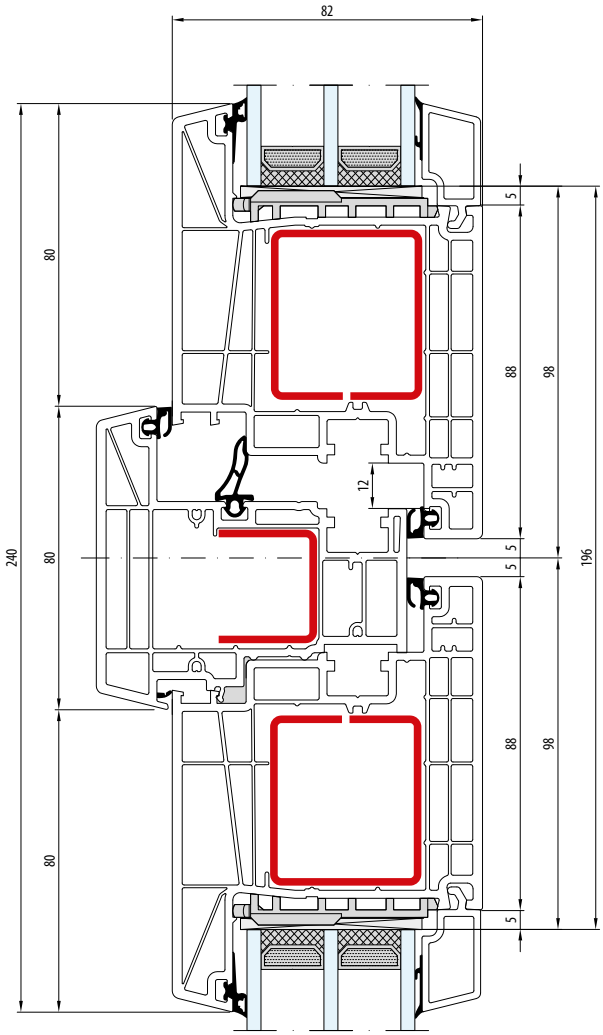
- Słupek stały: 116 mm · Skrzydło: 130 mm
- Meneau fixe: 116 mm · Vantail: 130 mm
- Fix post: 116 mm · Sash: 85 mm
- Festem Pfahl: 116 mm · Flügel: 130 mm
- Montante fisso: 116 mm · Anta: 130 mm
- Vaste stijl: 116 mm · Vleugel: 130 mm



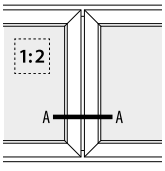


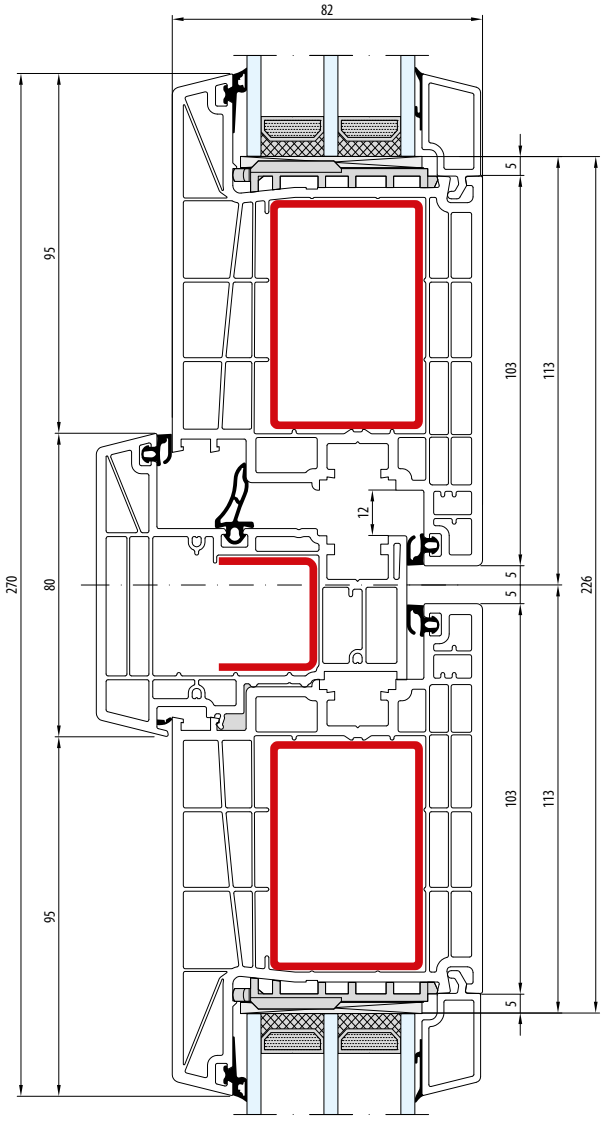
- Słupek ruchomy: 80 mm · Skrzydło: 85 mm
- Meneau mobile: 80 mm · Vantail: 85 mm
- Movable post: 80 mm · Sash: 85 mm
- Stulp: 80 mm · Flügel: 85 mm
- Montante mobile: 80 mm · Anta: 85 mm
- Verplaatsbare stijl: 80 mm · Vleugel: 85 mm



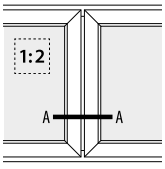


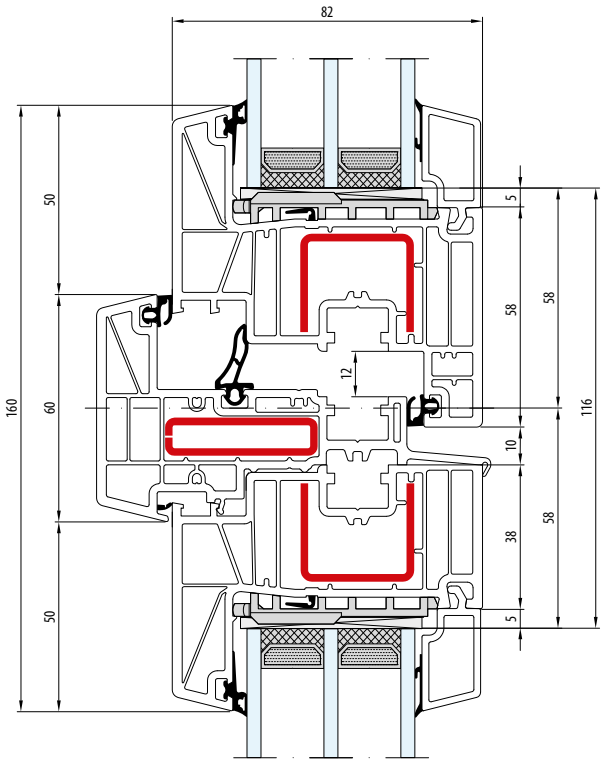
- Słupek ruchomy: 80 mm · Skrzydło: 115 mm
- Meneau mobile: 80 mm · Vantail: 115 mm
- Movable post: 80 mm · Sash: 115 mm
- Stulp: 80 mm · Flügel: 115 mm
- Montante mobile: 80 mm · Anta: 115 mm
- Verplaatsbare stijl: 80 mm · Vleugel: 115 mm



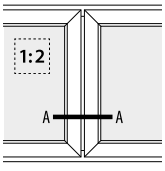


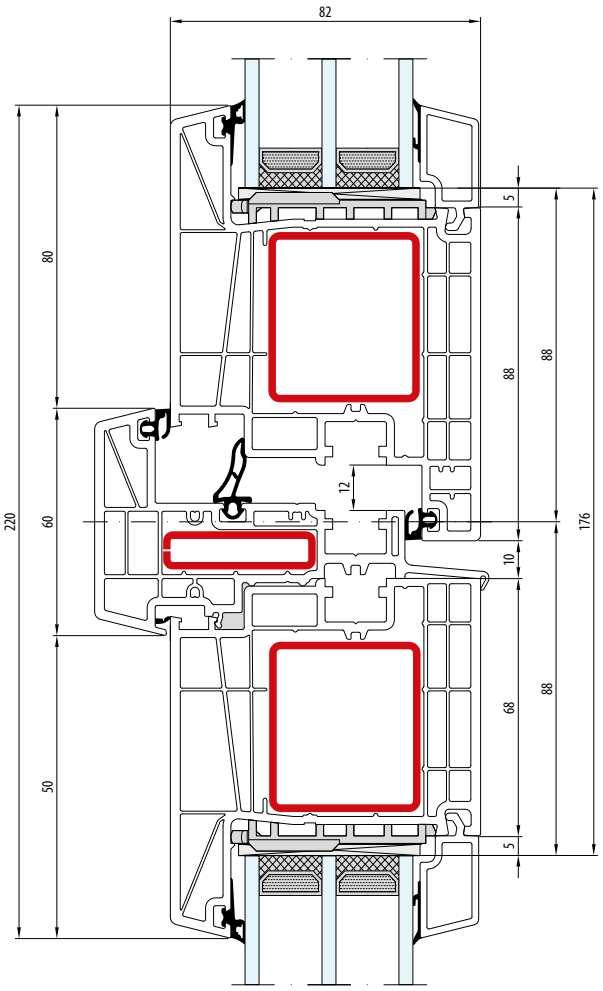
- Słupek ruchomy: 80 mm · Skrzydło: 130 mm
- Meneau mobile: 80 mm · Vantail: 130 mm
- Movable post: 80 mm · Sash: 130 mm
- Stulp: 80 mm · Flügel: 130 mm
- Montante mobile: 80 mm · Anta: 130 mm
- Verplaatsbare stijl: 80 mm · Vleugel: 130 mm



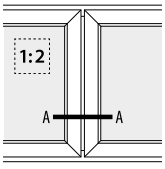


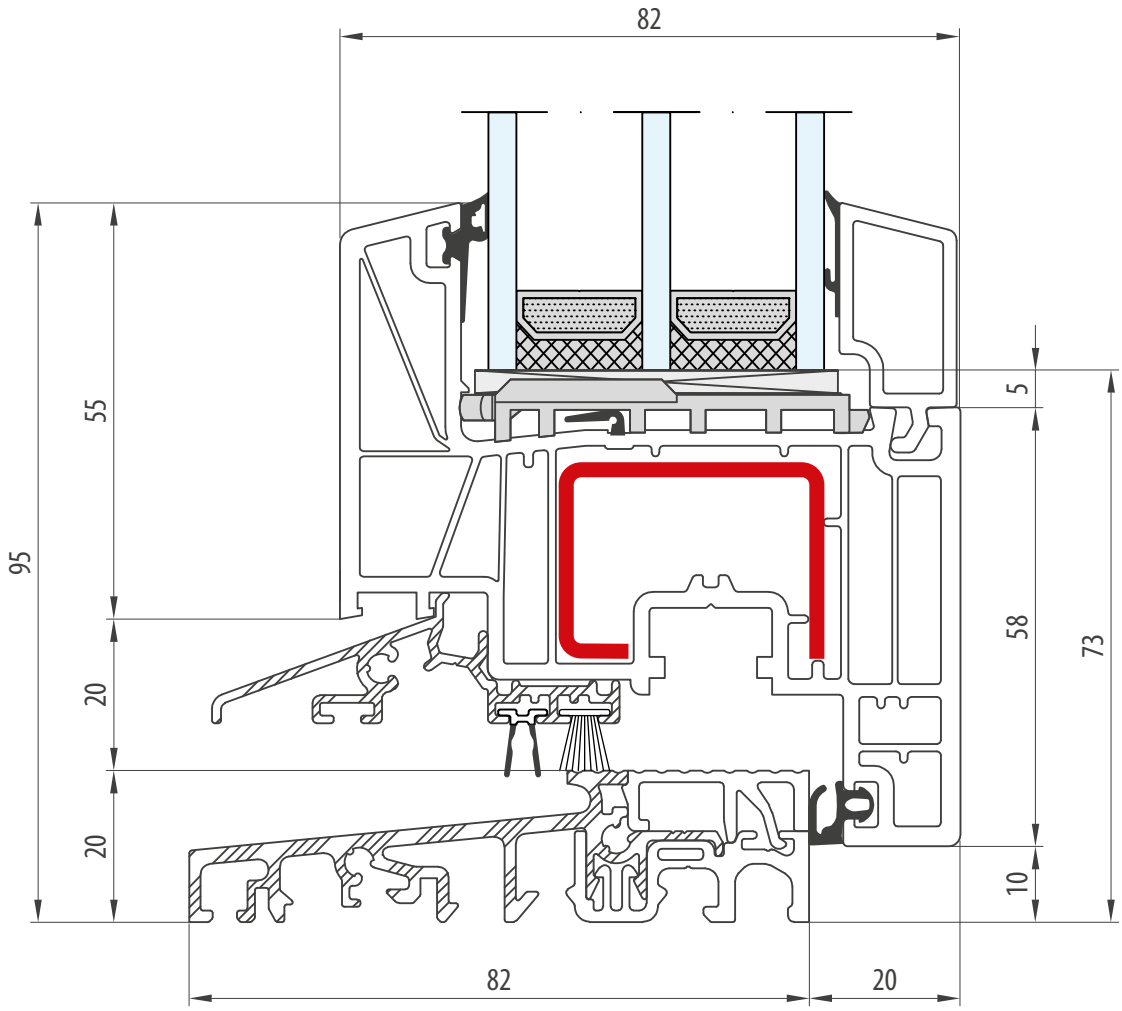
- Słupek ruchomy: 60 mm · Skrzydło: 85 mm / 65 mm
- Meneau mobile: 60 mm · Vantail: 85 mm / 65 mm
- Movable post: 60 mm · Sash: 85 mm / 65 mm
- Stulp: 60 mm · Flügel: 85 mm / 65 mm
- Montante mobile: 60 mm · Anta: 85 mm / 65 mm
- Verplaatsbare stijl: 60 mm · Vleugel: 85 mm / 65 mm



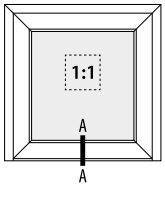


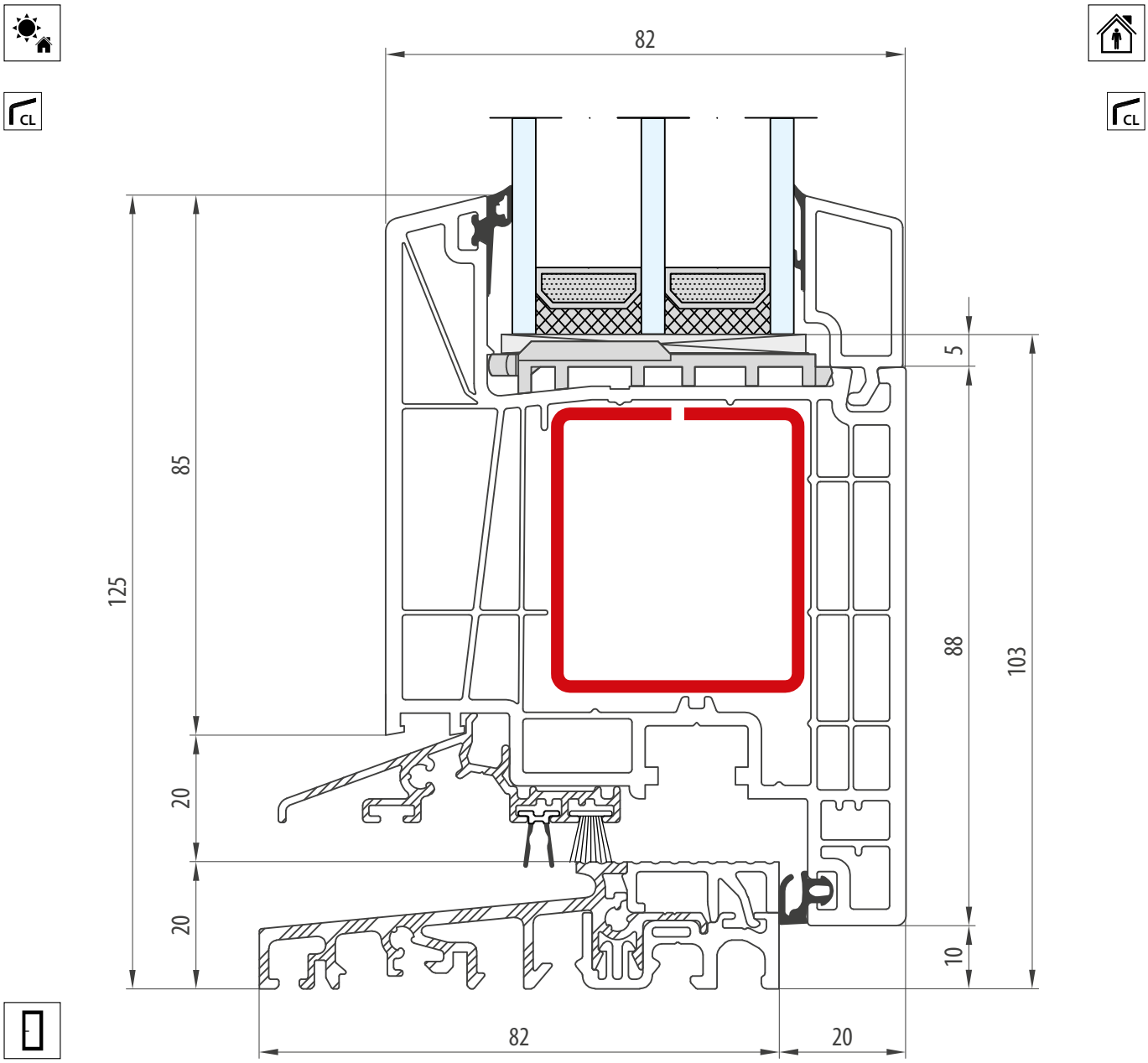
- Słupek ruchomy: 60 mm · Skrzydło: 115 mm / 95 mm
- Meneau mobile: 60 mm · Vantail: 115 mm / 95 mm
- Movable post: 60 mm · Sash: 115 mm / 95 mm
- Stulp: 60 mm · Flügel: 115 mm / 95 mm
- Montante mobile: 60 mm · Anta: 115 mm / 95 mm
- Verplaatsbare stijl: 60 mm · Vleugel: 115 mm / 95 mm

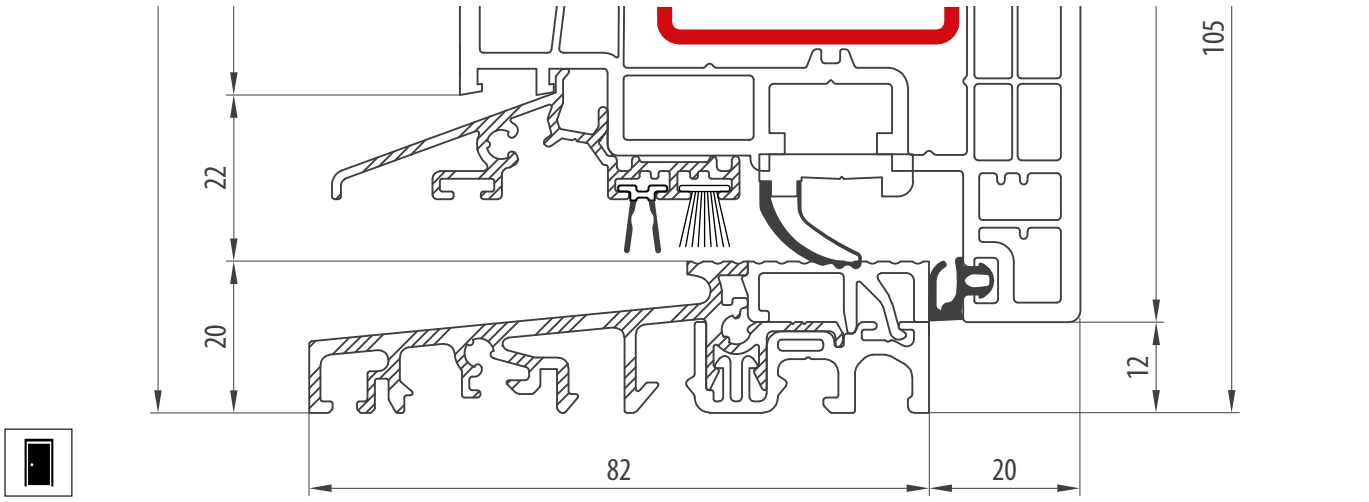




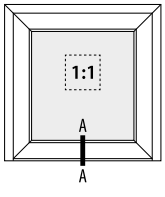
- Próg: 20 mm · Skrzydło: 85 mm
- Seuil: 20 mm · Vantail: 85 mm
- Threshold: 20 mm · Sash: 85 mm
- Schwelle: 20 mm · Flügel: 85 mm
- Soglia: 20 mm · Anta: 85 mm
- Dorpel: 20 mm · Vleugel: 85 mm

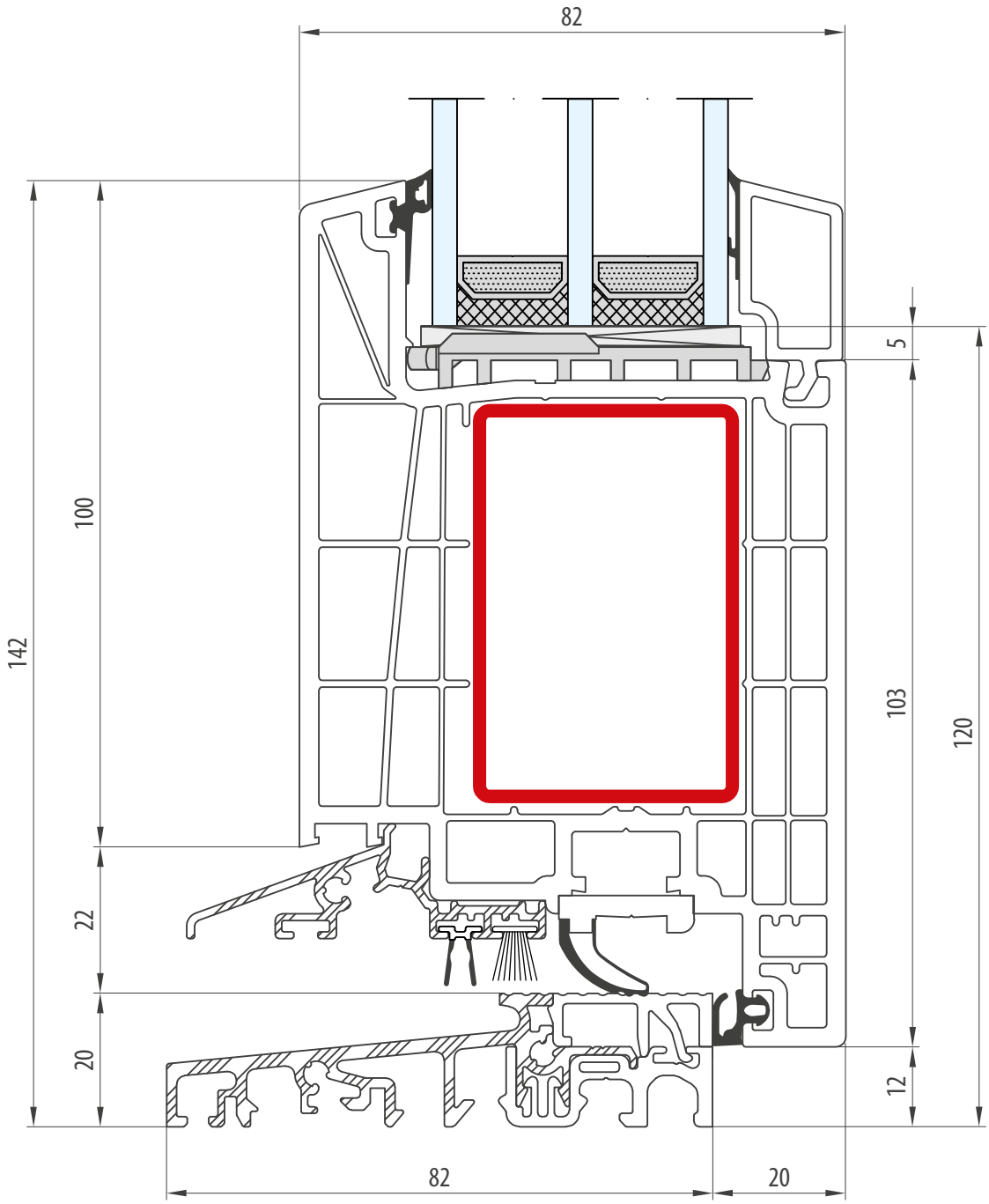




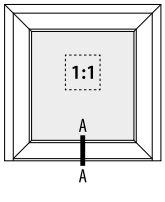


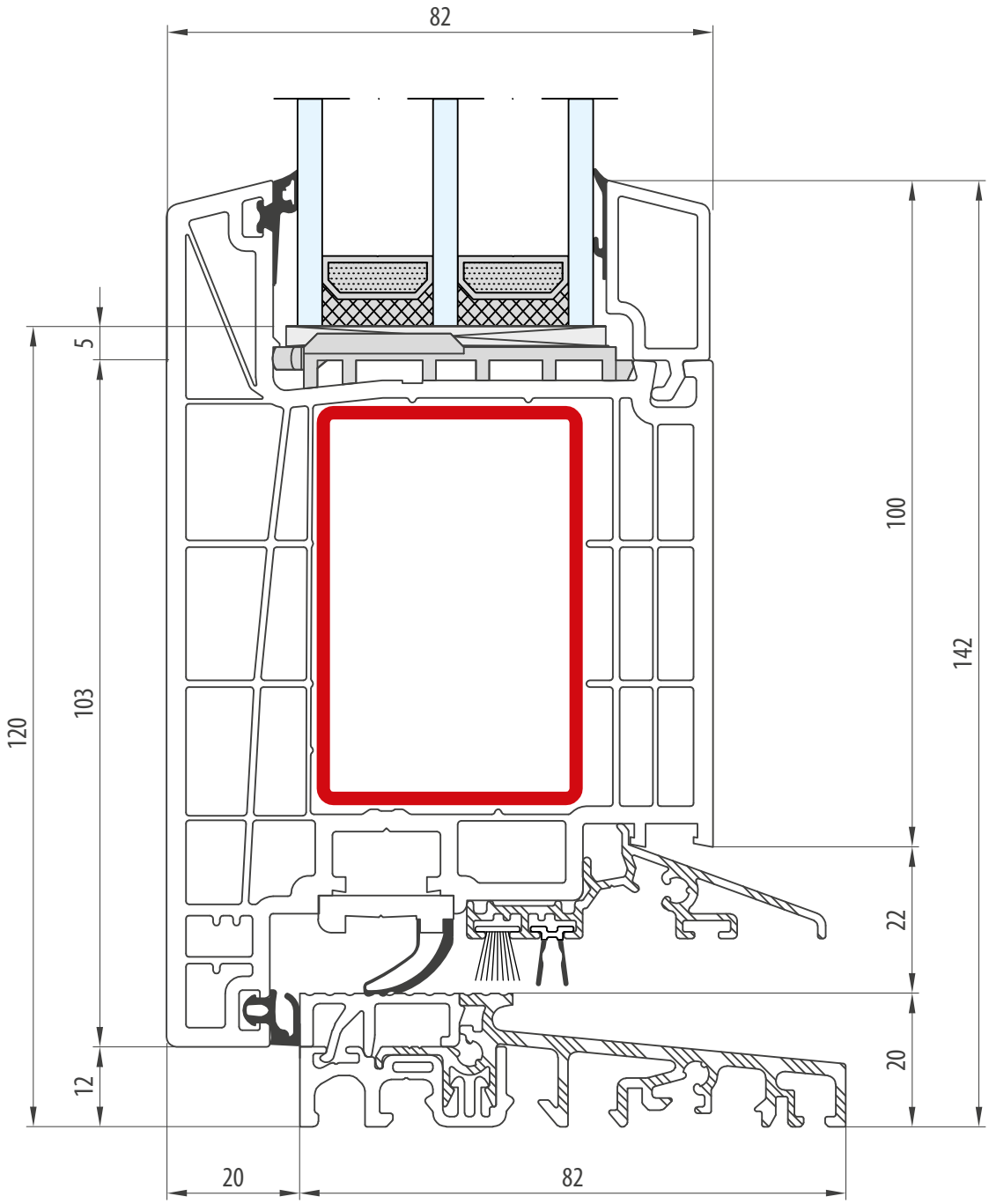
- Próg: 20 mm · Skrzydło: 115 mm
- Seuil: 20 mm · Vantail: 115 mm
- Threshold: 20 mm · Sash: 115 mm
- Schwelle: 20 mm · Flügel: 115 mm
- Soglia: 20 mm · Anta: 115 mm
- Dorpel: 20 mm · Vleugel: 115 mm



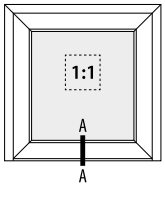


- Próg: 20 mm · Skrzydło: 130 mm
- Seuil: 20 mm · Vantail: 130 mm
- Threshold: 20 mm · Sash: 130 mm
- Schwelle: 20 mm · Flügel: 130 mm
- Soglia: 20 mm · Anta: 130 mm
- Dorpel: 20 mm · Vleugel: 130 mm

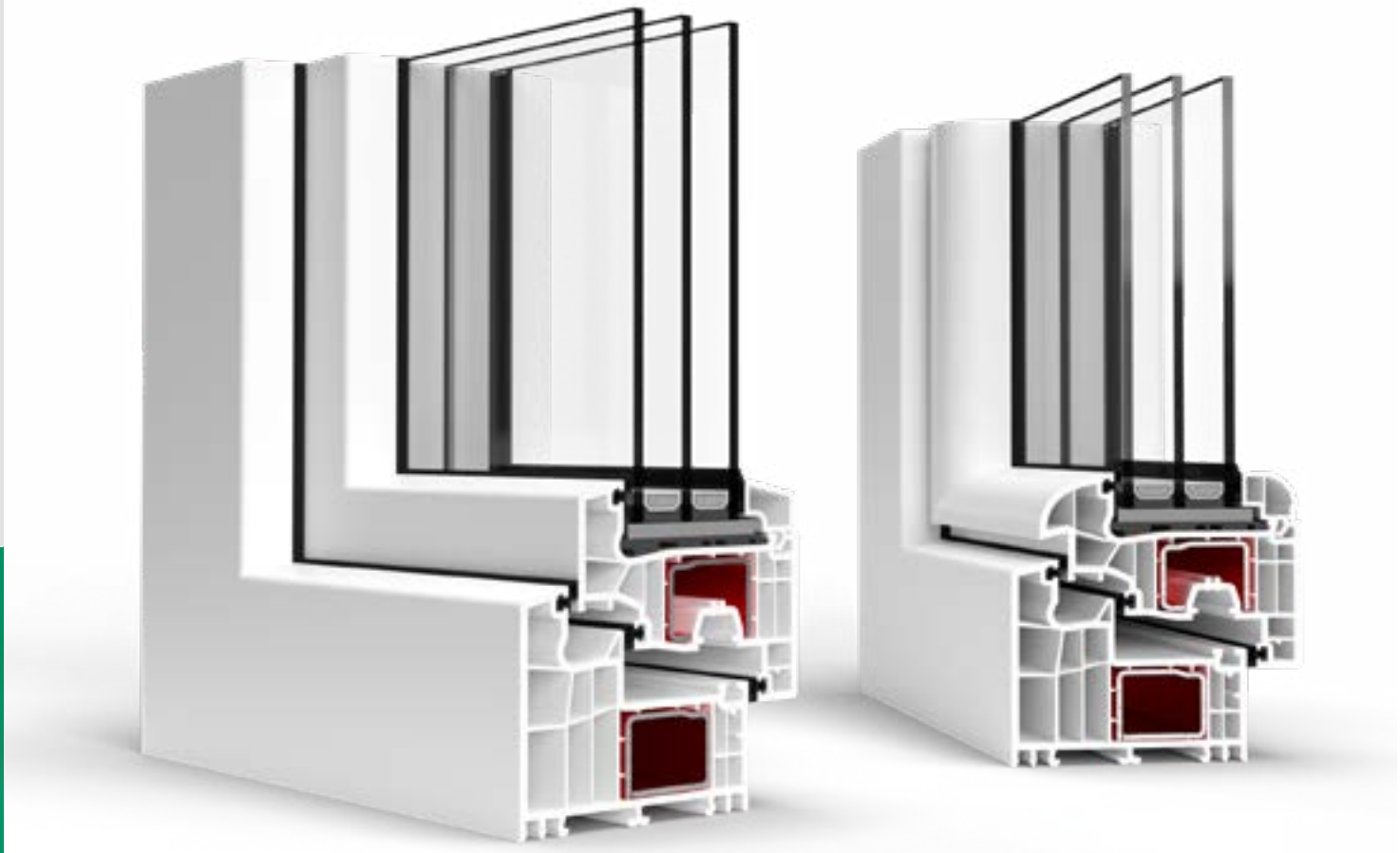


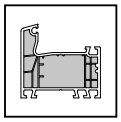


- Próg: 20 mm · Skrzydło: 130 mm
- Seuil: 20 mm · Vantail: 130 mm
- Threshold: 20 mm · Sash: 130 mm
- Schwelle: 20 mm · Flügel: 130 mm
- Soglia: 20 mm · Anta: 130 mm
- Dorpel: 20 mm · Vleugel: 130 mm



BLUEVOLUTION 92

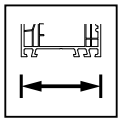




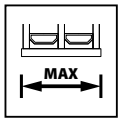
6



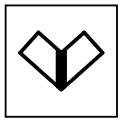
3



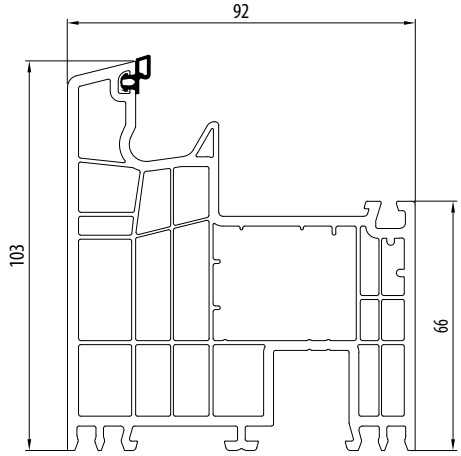
92



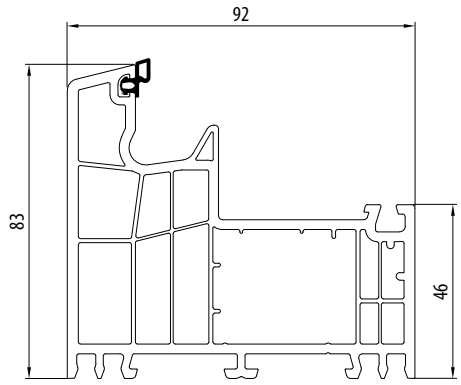
61



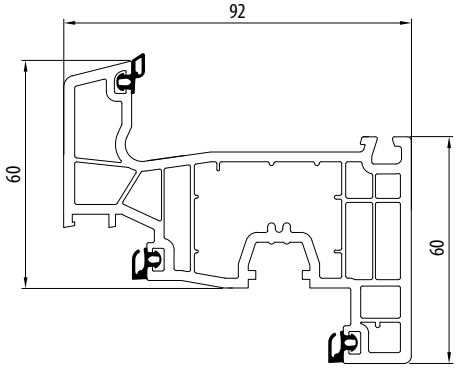




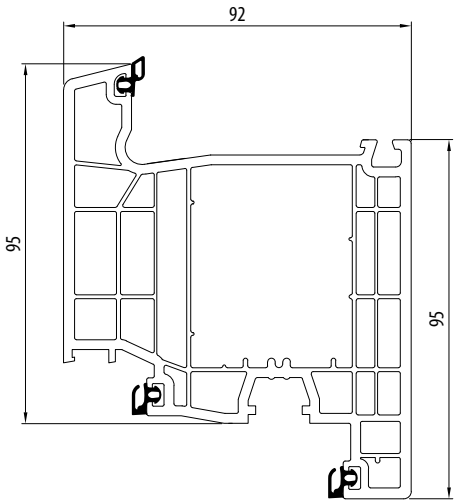
CL A* CLASS 170 430



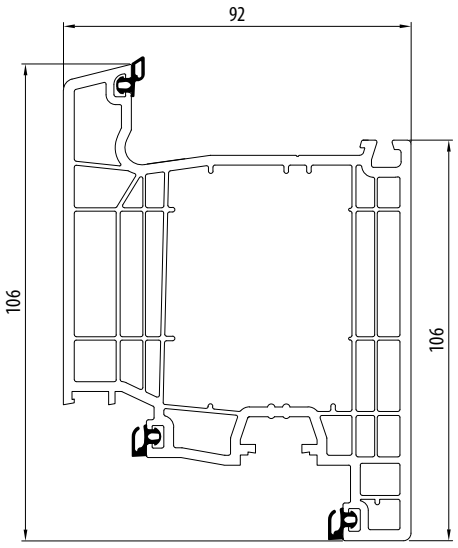
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CL A* CLASS 171 020

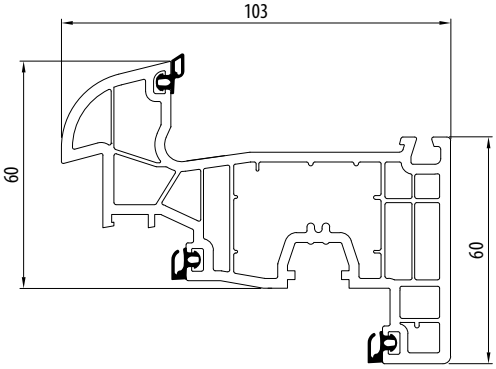


CL A* CLASS 171 030

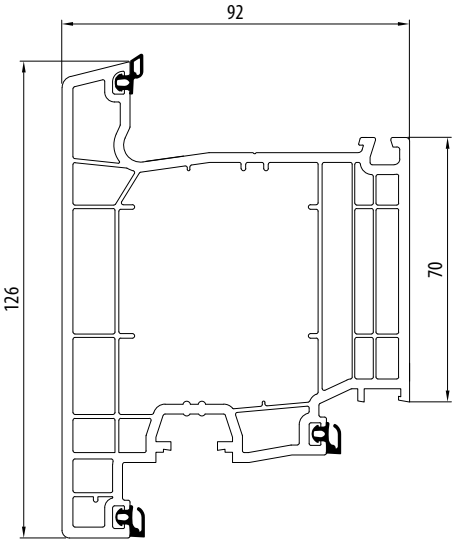


CL A* CLASS 171 040

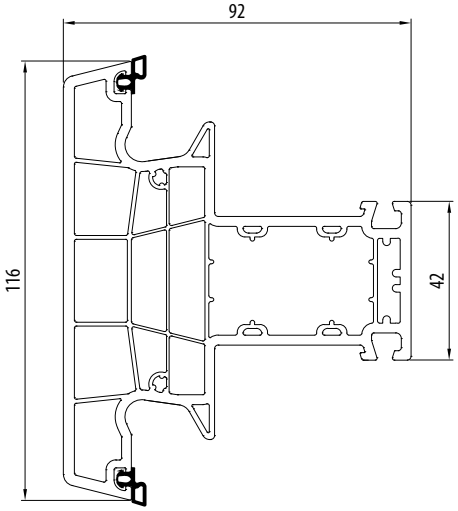
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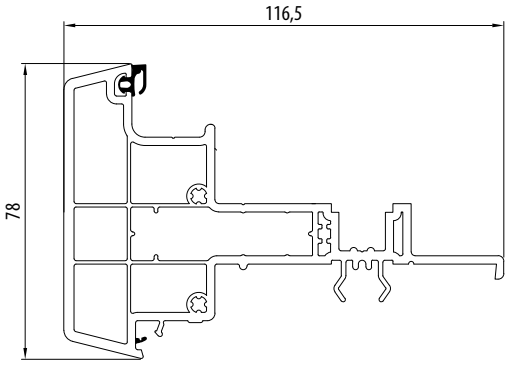
RL A* CLASS 171 226



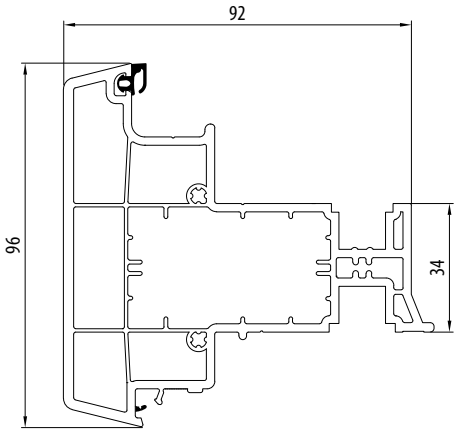
CL A* CLASS 371 040



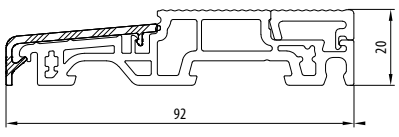
CL A* CLASS 172 420



CL A* CLASS 176 020



CL A* CLASS 176 030

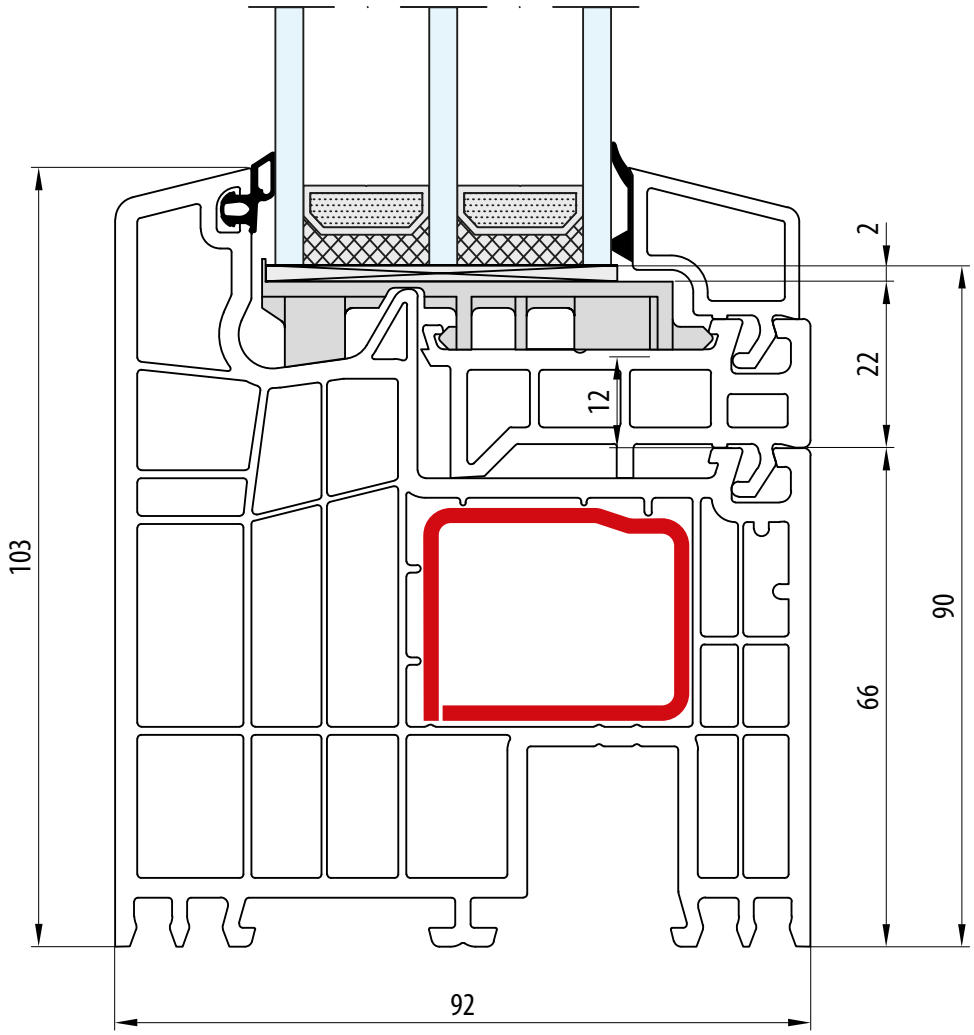


alu - 20 mm

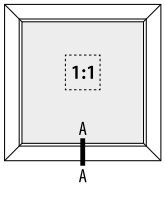
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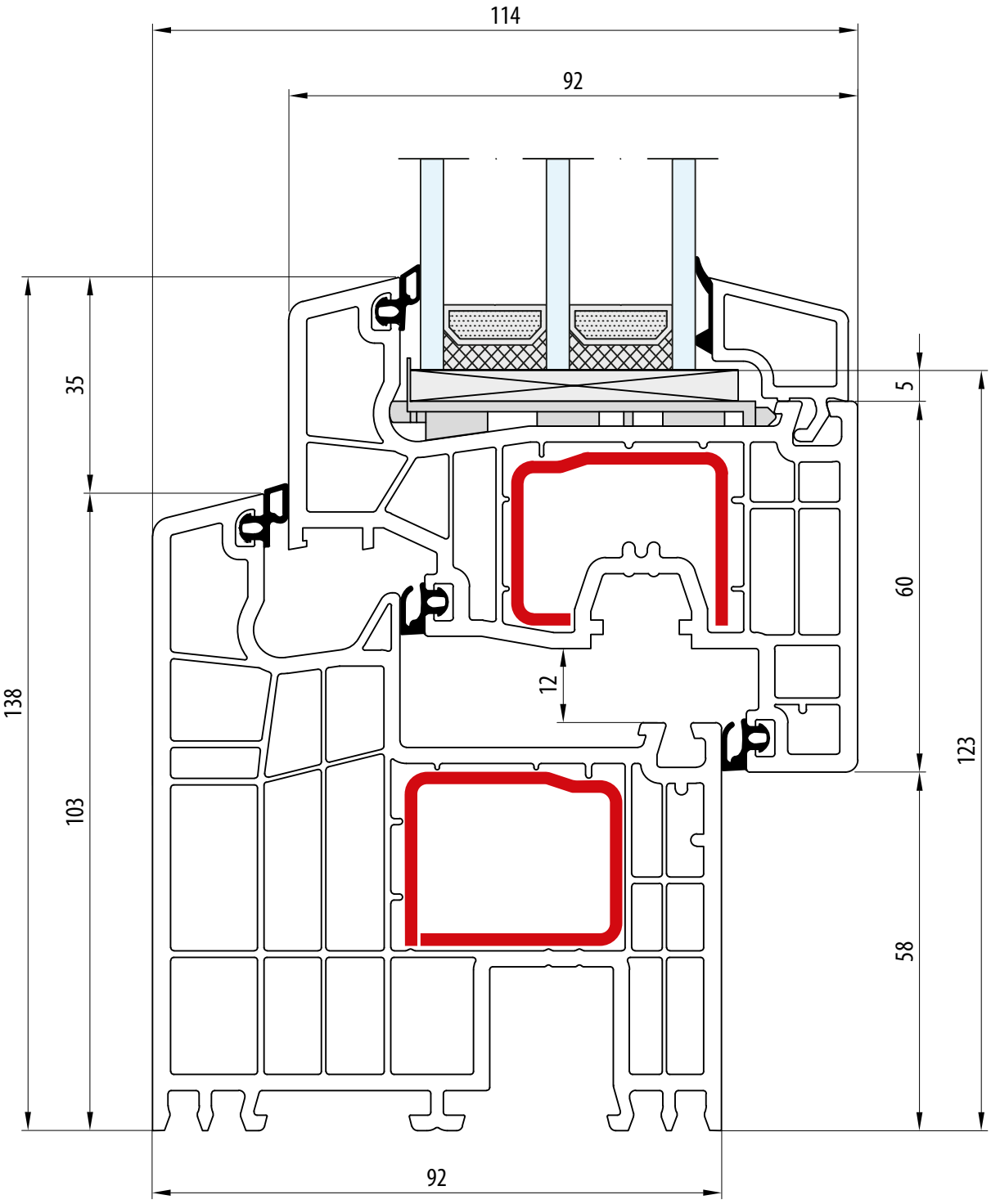
CL

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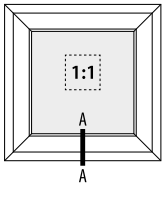


- Rama: 103 mm
- Dormant: 103 mm
- Frame: 103 mm
- Rahmen: 103 mm
- Telaio: 103 mm
- Kozijn: 103 mm



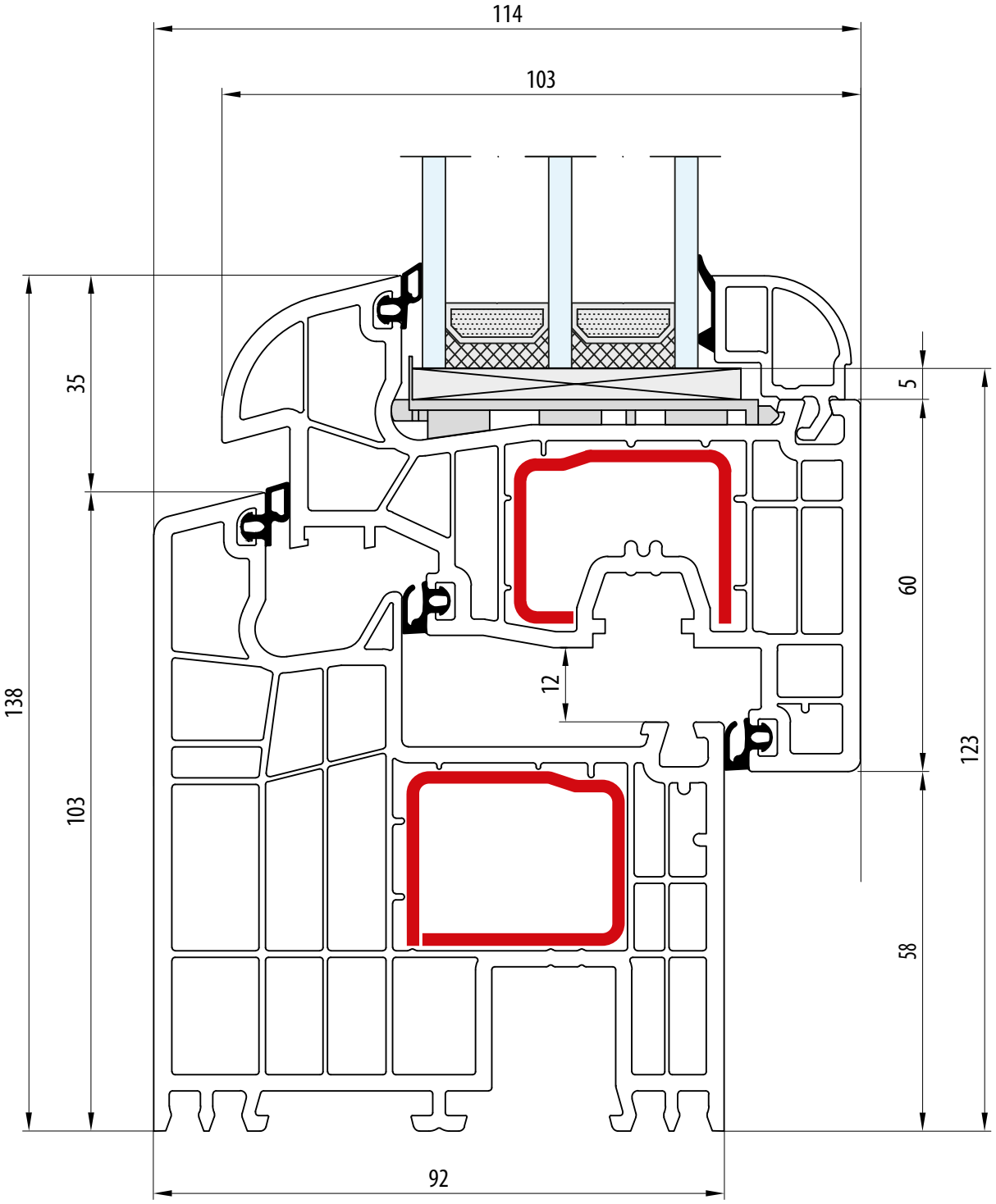


- Rama: 103 mm · Skrzydło: 80 mm
- Dormant: 103 mm · Vantail: 80 mm
- Frame: 103 mm · Sash: 80 mm
- Rahmen: 103 mm · Flügel: 80 mm
- Telaio: 103 mm · Anta: 80 mm
- Kozijn: 103 mm · Vleugel: 80 mm

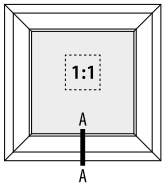


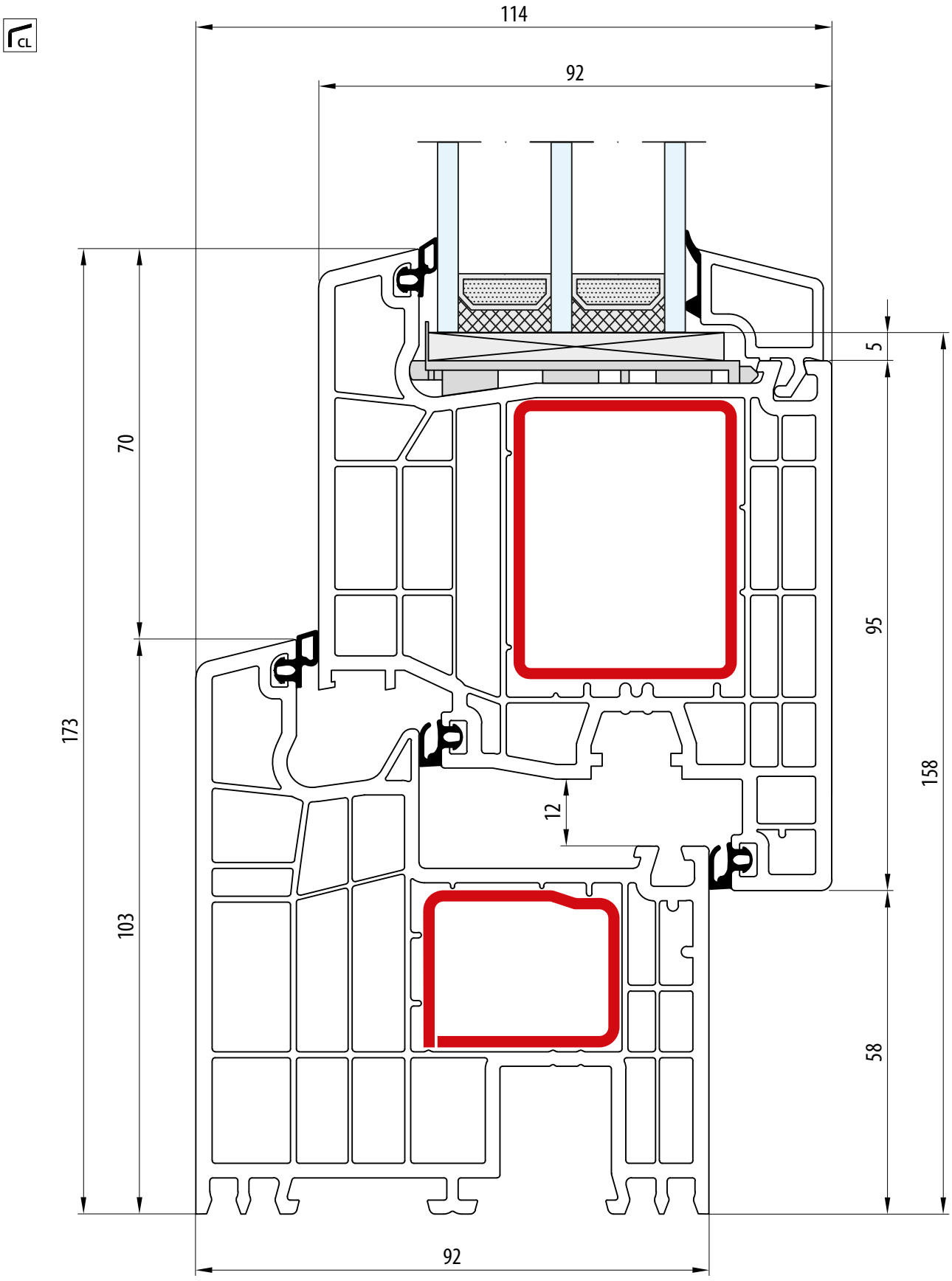
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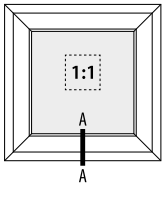


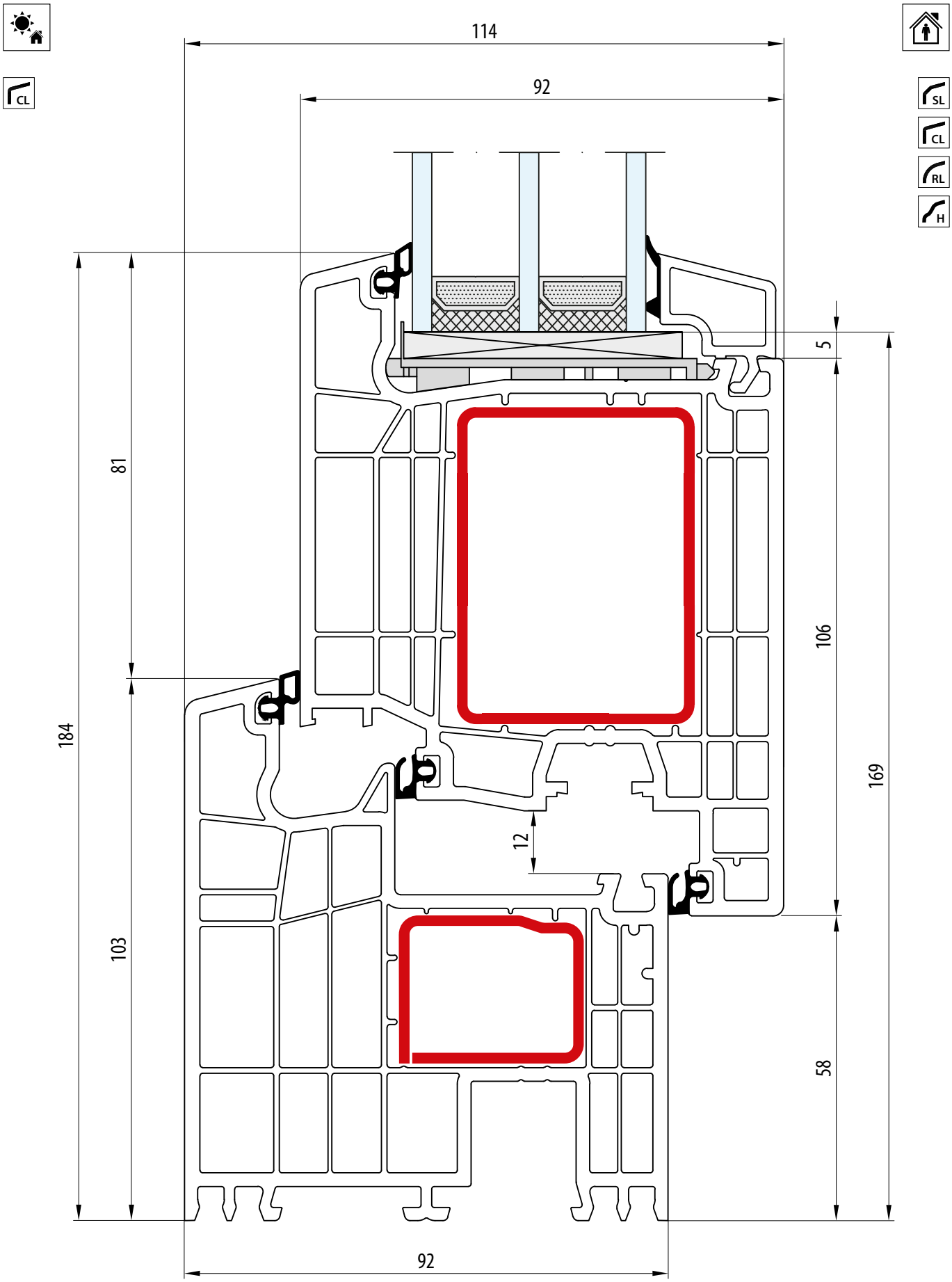
Rama: 103 mm · Skrzydło: 80 mm
Dormant: 103 mm · Vantail: 80 mm
Frame: 103 mm · Sash: 80 mm
Rahmen: 103 mm · Flügel: 80 mm
Telaio: 103 mm · Anta: 80 mm
Kozijn: 103 mm · Vleugel: 80 mm



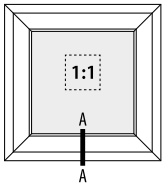


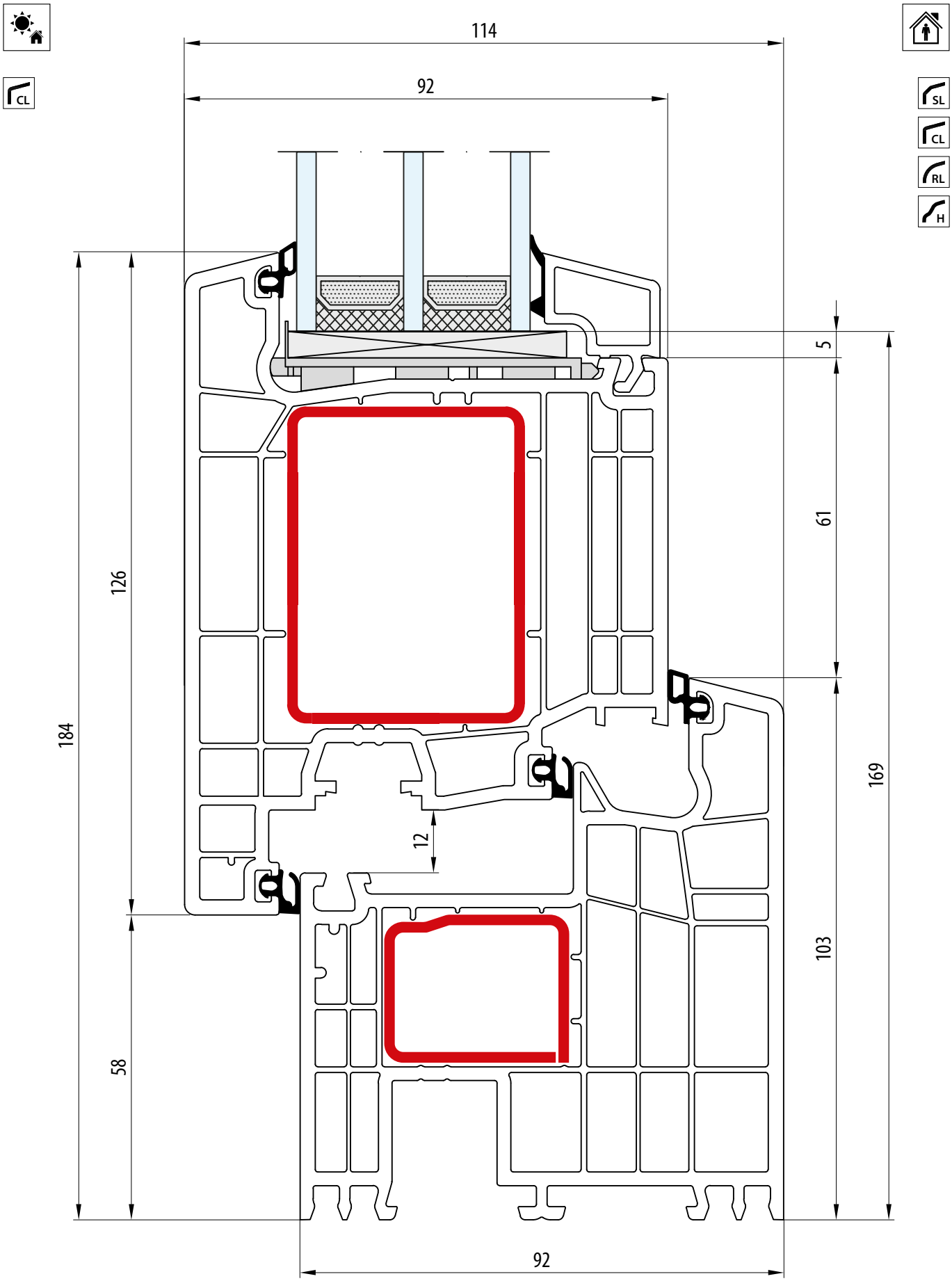
- Rama: 103 mm · Skrzydło: 115 mm
- Dormant: 103 mm · Vantail: 115 mm
- Frame: 103 mm · Sash: 115 mm
- Rahmen: 103 mm · Flügel: 115 mm
- Telaio: 103 mm · Anta: 115 mm
- Kozijn: 103 mm · Vleugel: 115 mm



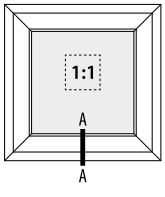


Rama: 103 mm · Skrzydło: 126 mm
Dormant: 103 mm · Vantail: 126 mm
Frame: 103 mm · Sash: 126 mm
Rahmen: 103 mm · Flügel: 126 mm
Telaio: 103 mm · Anta: 126 mm
Kozijn: 103 mm · Vleugel: 126 mm



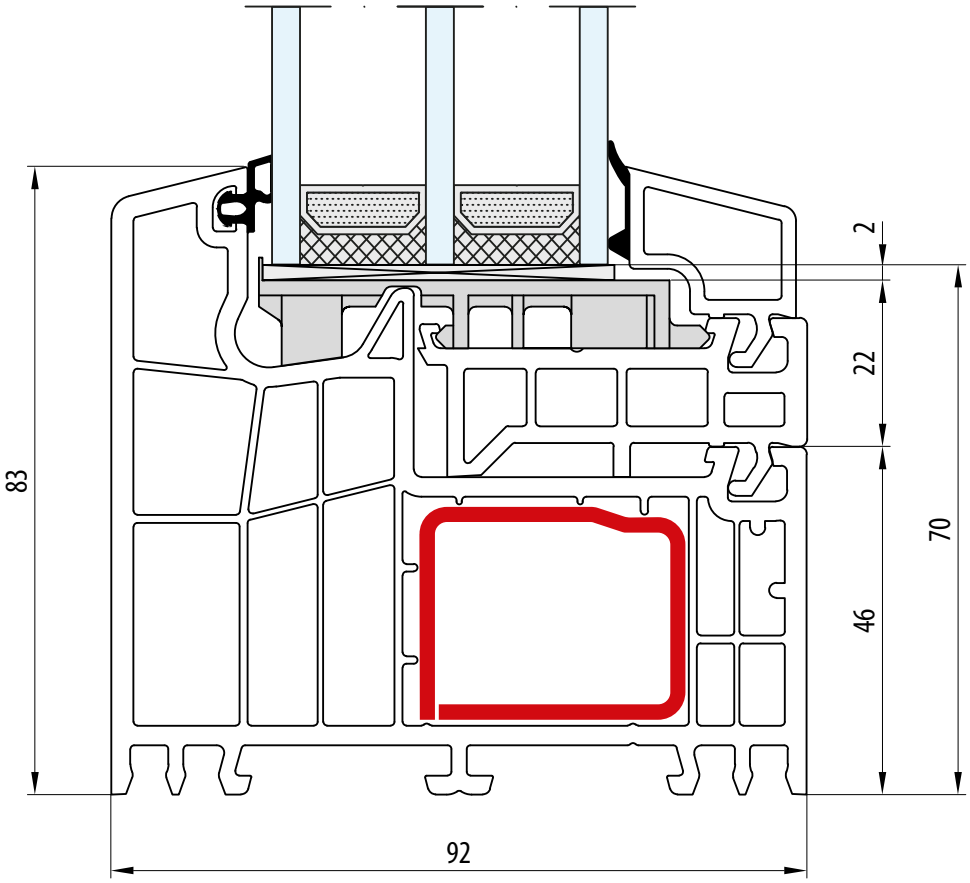


- Rama: 103 mm · Skrzydło: 126 mm
- Dormant: 103 mm · Vantail: 126 mm
- Frame: 103 mm · Sash: 126 mm
- Rahmen: 103 mm · Flügel: 126 mm
- Telaio: 103 mm · Anta: 126 mm
- Kozijn: 103 mm · Vleugel: 126 mm

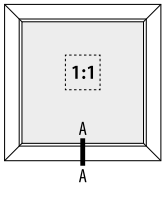


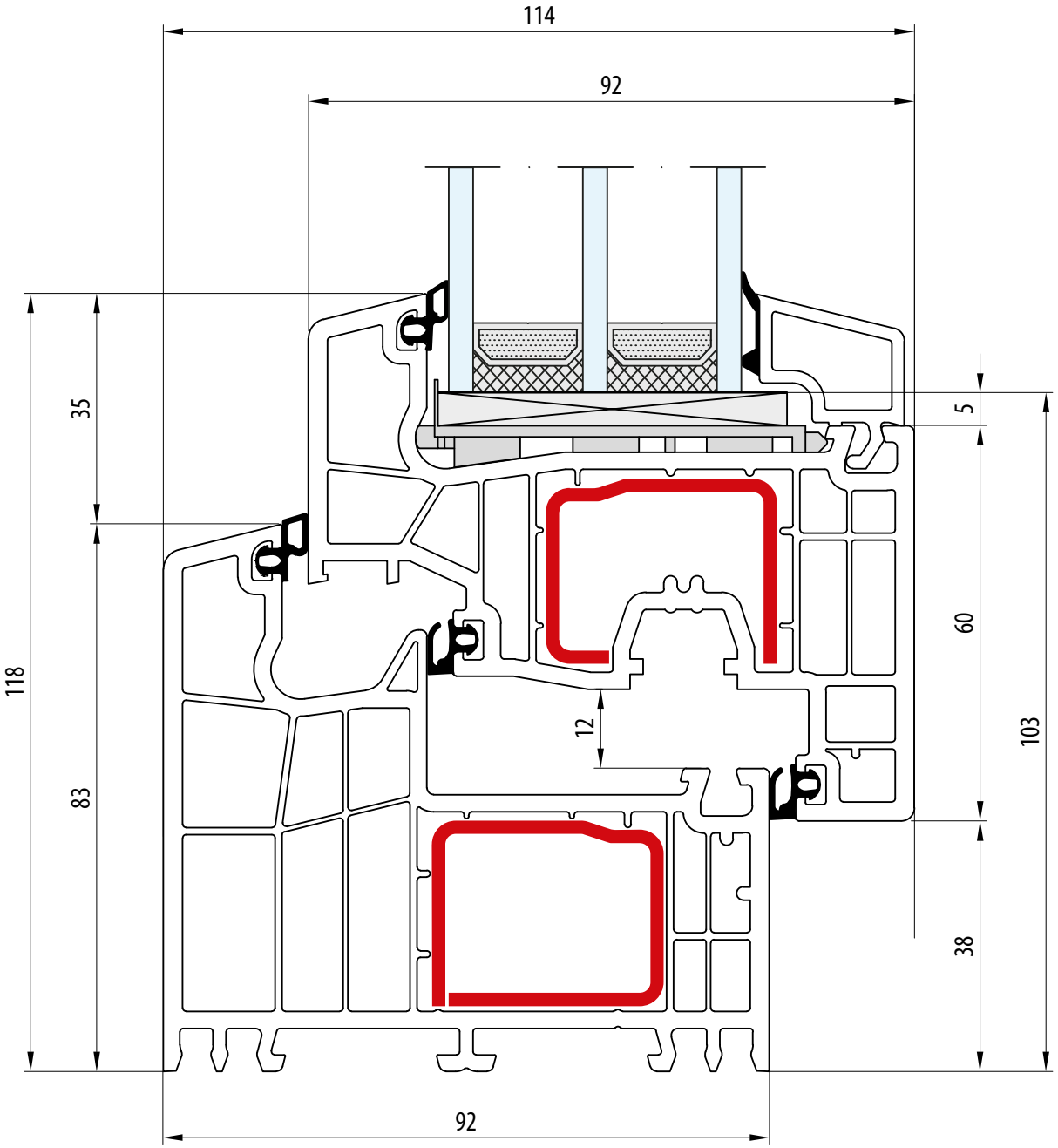
CL

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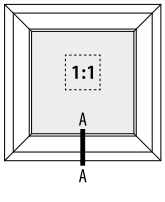


- Rama: 83 mm
- Dormant: 83 mm
- Frame: 83 mm
- Rahmen: 83 mm
- Telaio: 83 mm
- Kozijn: 83 mm



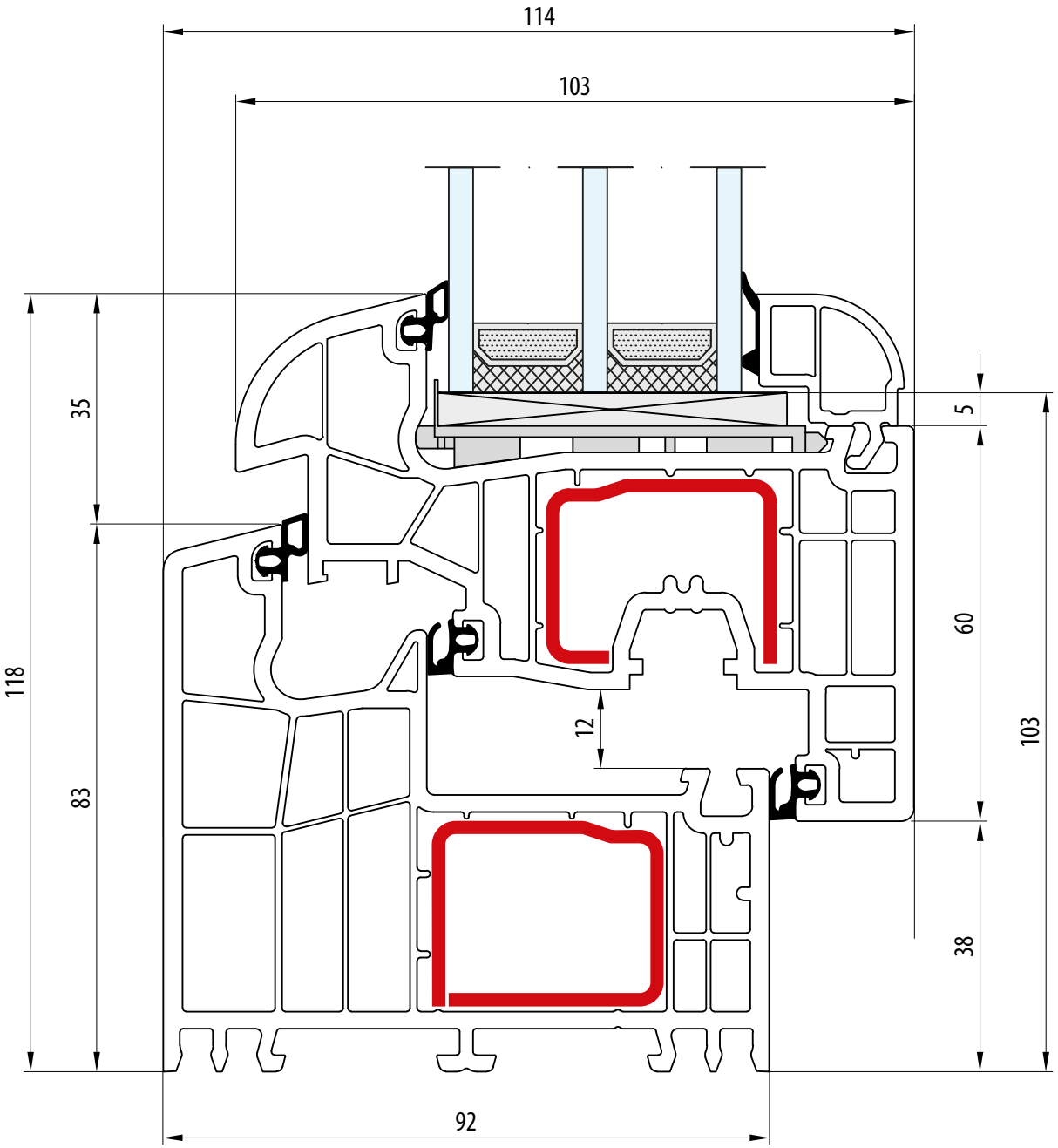


- Rama: 83 mm · Skrzydło: 80 mm
- Dormant: 83 mm · Vantail: 80 mm
- Frame: 83 mm · Sash: 80 mm
- Rahmen: 83 mm · Flügel: 80 mm
- Telaio: 83 mm · Anta: 80 mm
- Kozijn: 83 mm · Vleugel: 80 mm

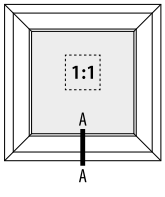


RL

SL CL RL H

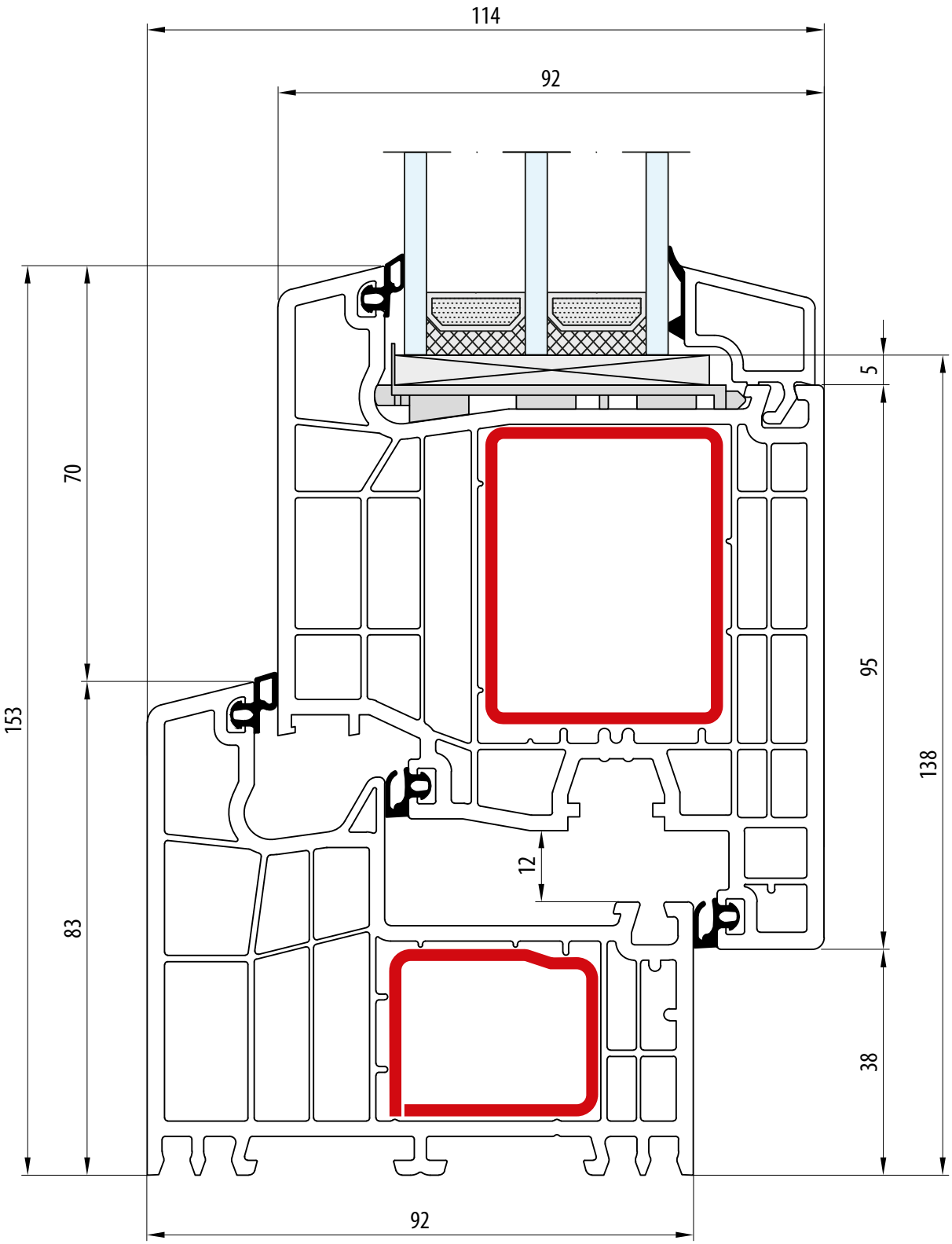


Rama: 83 mm · Skrzydło: 80 mm
Dormant: 83 mm · Vantail: 80 mm
Frame: 83 mm · Sash: 80 mm
Rahmen: 83 mm · Flügel: 80 mm
Telaio: 83 mm · Anta: 80 mm
Kozijn: 83 mm · Vleugel: 80 mm

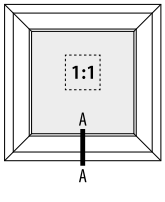






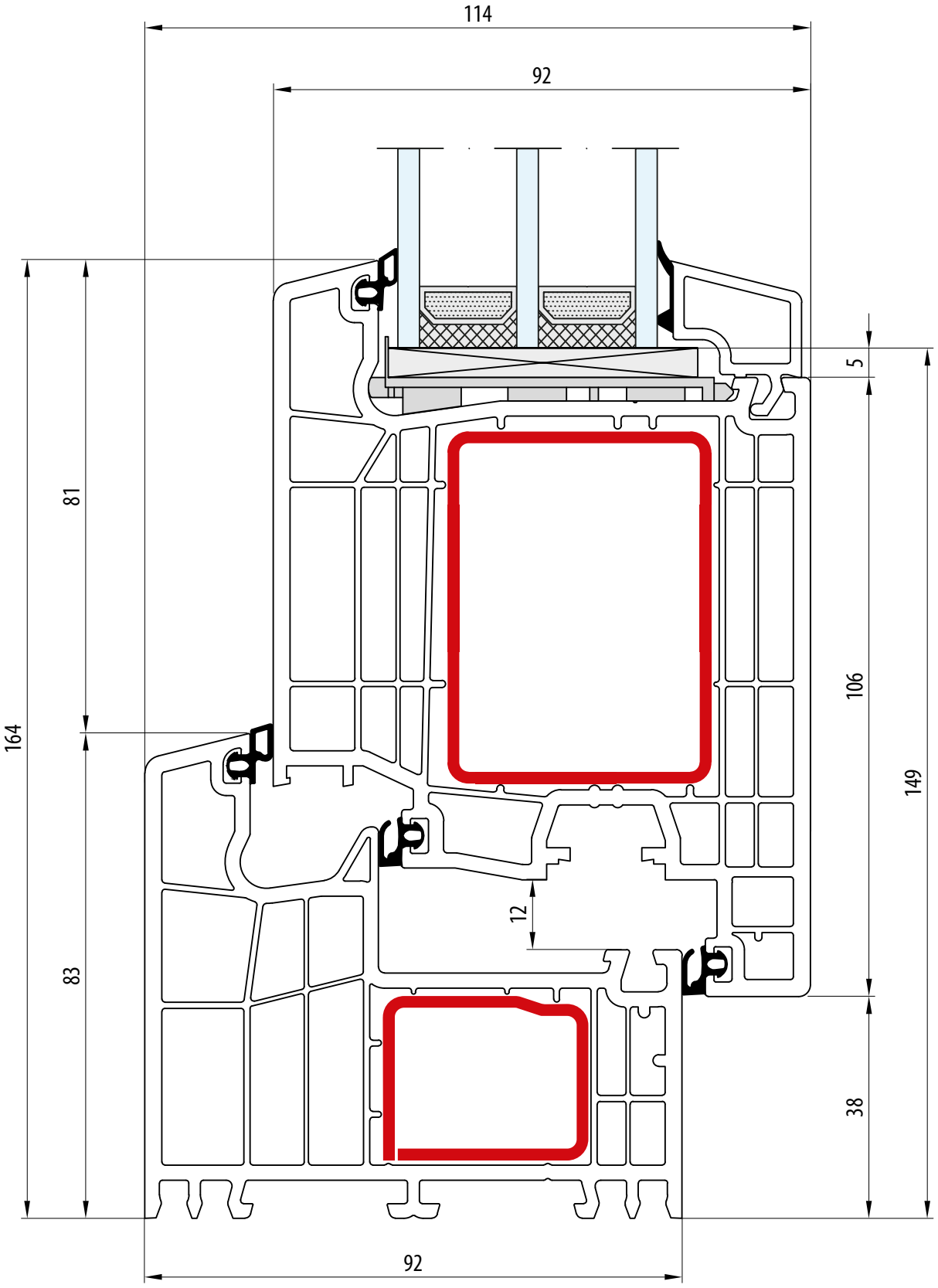



- Rama: 83 mm · Skrzydło: 115 mm
- Dormant: 83 mm · Vantail: 115 mm
- Frame: 83 mm · Sash: 115 mm
- Rahmen: 83 mm · Flügel: 115 mm
- Telaio: 83 mm · Anta: 115 mm
- Kozijn: 83 mm · Vleugel: 115 mm

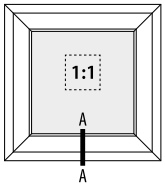


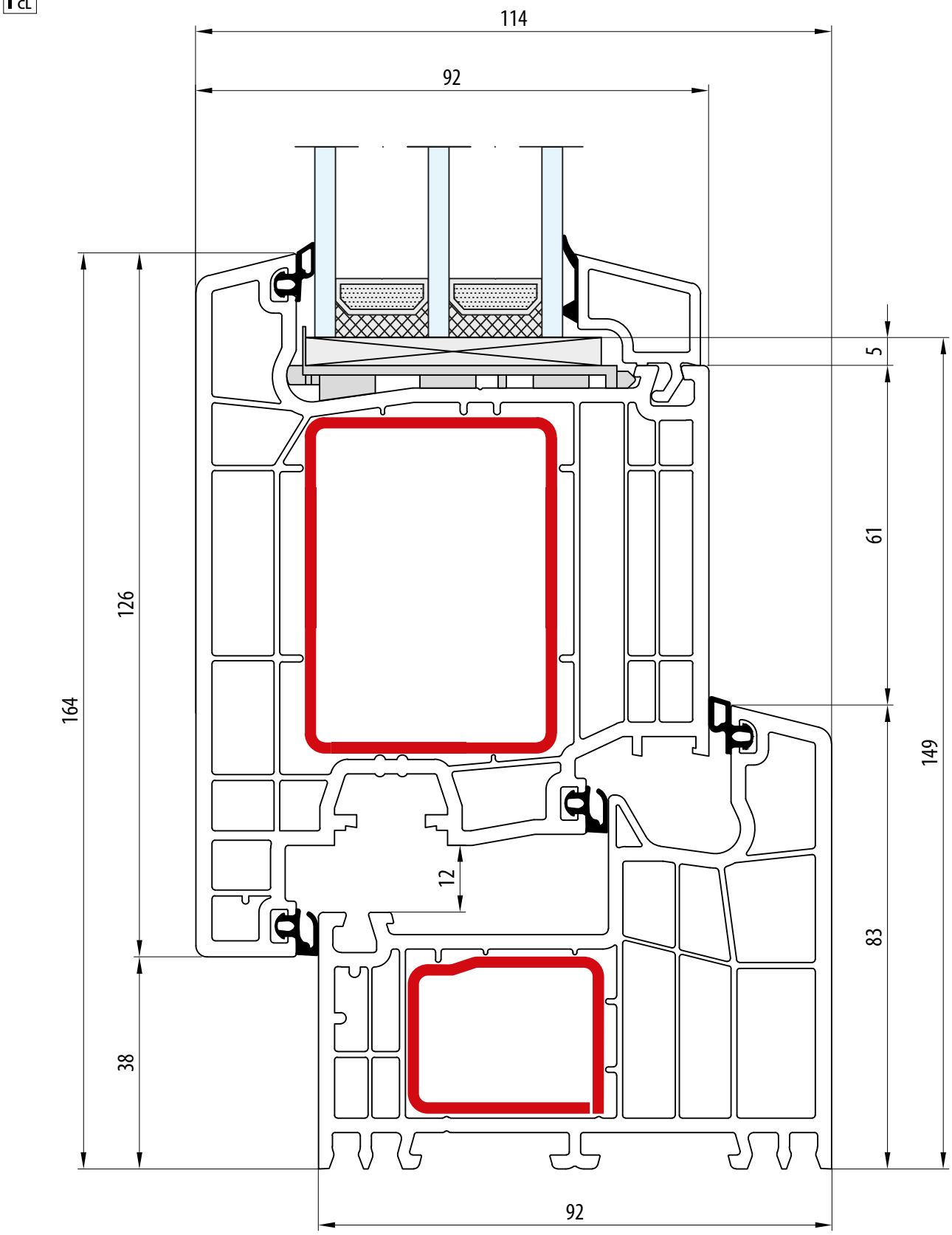
CL

SL CL RL H

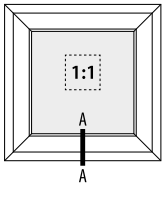


Rama: 83 mm · Skrzydło: 126 mm
Dormant: 83 mm · Vantail: 126 mm
Frame: 83 mm · Sash: 126 mm
Rahmen: 83 mm · Flügel: 126 mm
Telaio: 83 mm · Anta: 126 mm
Kozijn: 83 mm · Vleugel: 126 mm



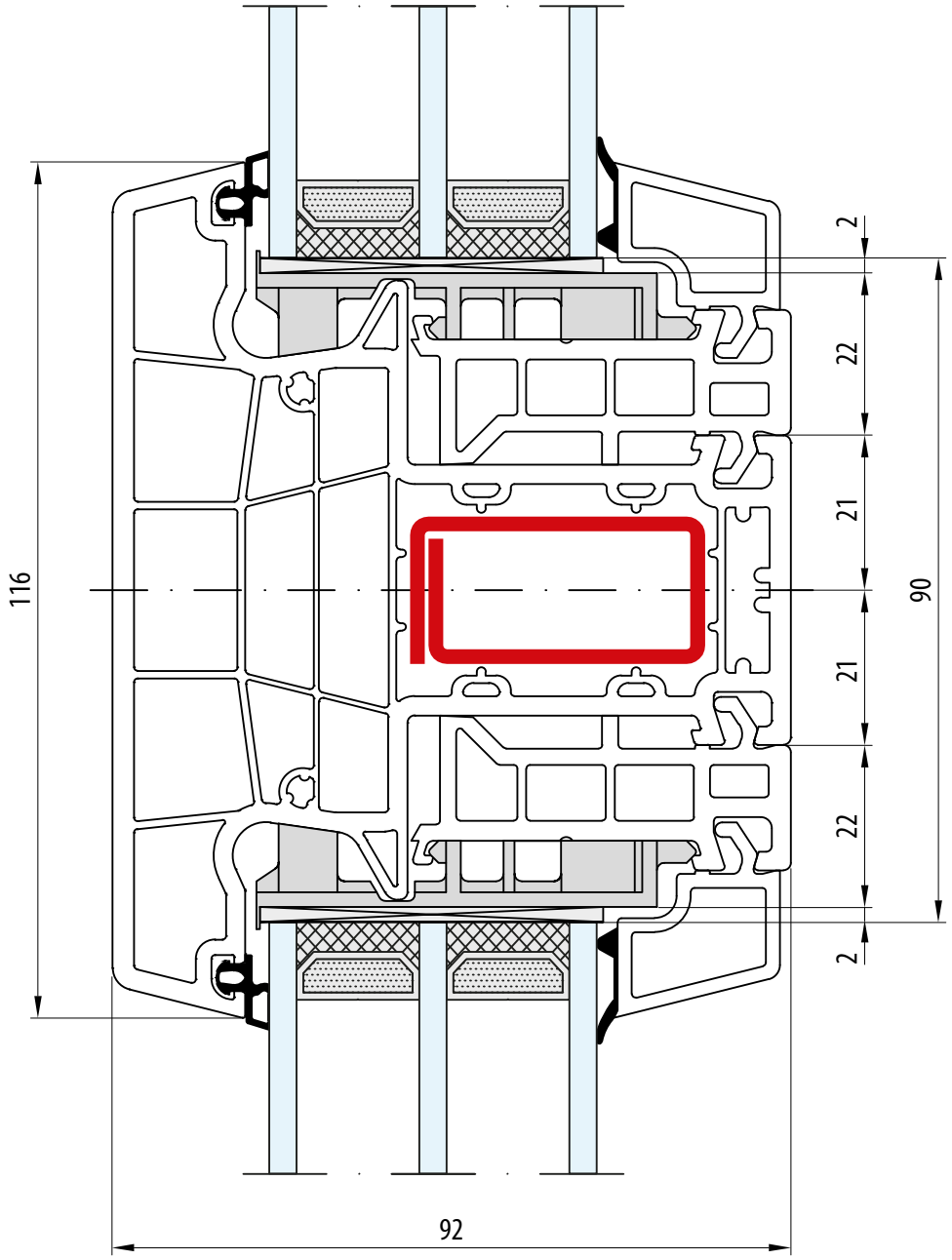


- Rama: 83 mm · Skrzydło: 126 mm
- Dormant: 83 mm · Vantail: 126 mm
- Frame: 83 mm · Sash: 126 mm
- Rahmen: 83 mm · Flügel: 126 mm
- Telaio: 83 mm · Anta: 126 mm
- Kozijn: 83 mm · Vleugel: 126 mm

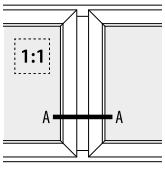


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- Słupek stały: 116 mm
- Meneau fixe: 116 mm
- Fix post: 116 mm
- Festem Pfahl: 116 mm
- Montante fisso: 116 mm
- Vaste stijl: 116 mm

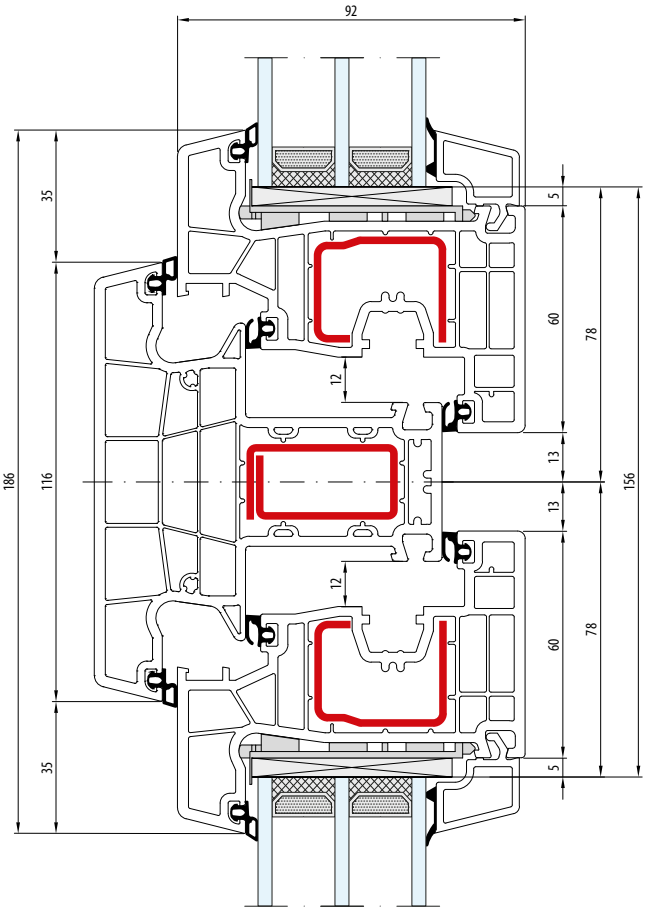




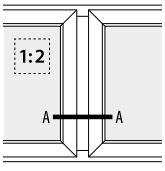






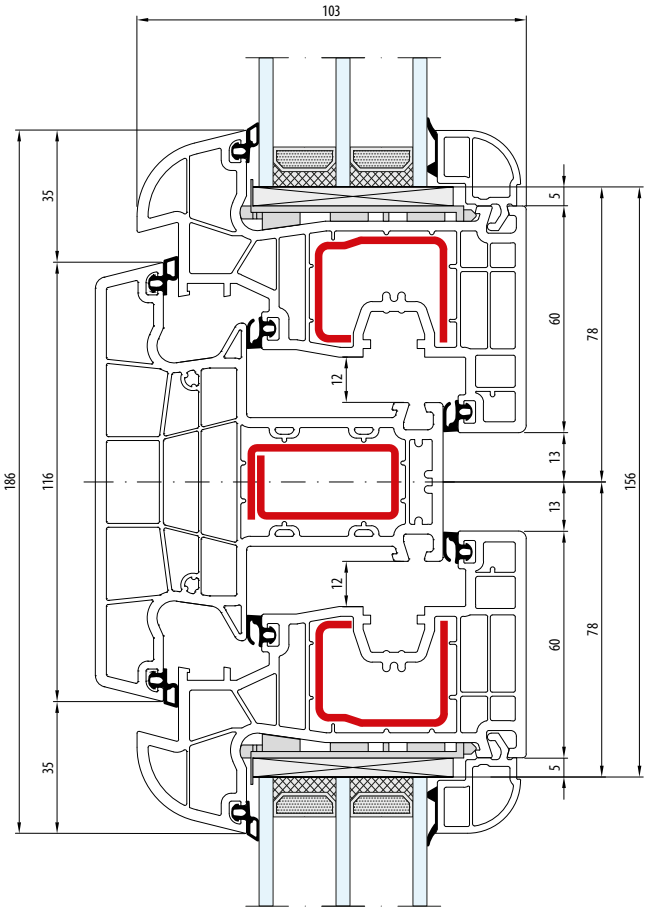


- Słupek stały: 116 mm · Skrzydło: 80 mm
- Meneau fixe: 116 mm · Vantail: 80 mm
- Fix post: 116 mm · Sash: 80 mm
- Festem Pfahl: 116 mm · Flügel: 80 mm
- Montante fisso: 116 mm · Anta: 80 mm
- Vaste stijl: 116 mm · Vleugel: 80 mm

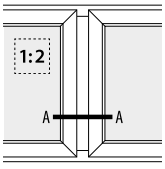


RL

SL CL RL H



Słupek stały: 116 mm · Skrzydło: 80 mm
Meneau fixe: 116 mm · Vantail: 80 mm
Fix post: 116 mm · Sash: 80 mm
Festem Pfahl: 116 mm · Flügel: 80 mm
Montante fisso: 116 mm · Anta: 80 mm
Vaste stijl: 116 mm · Vleugel: 80 mm

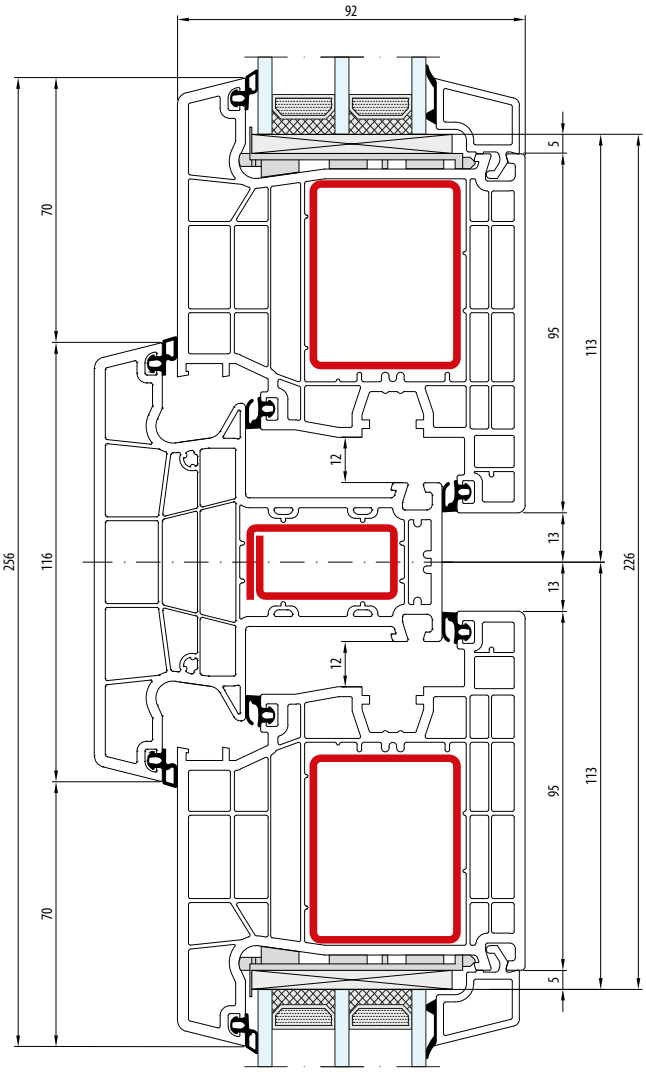




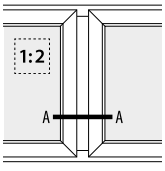






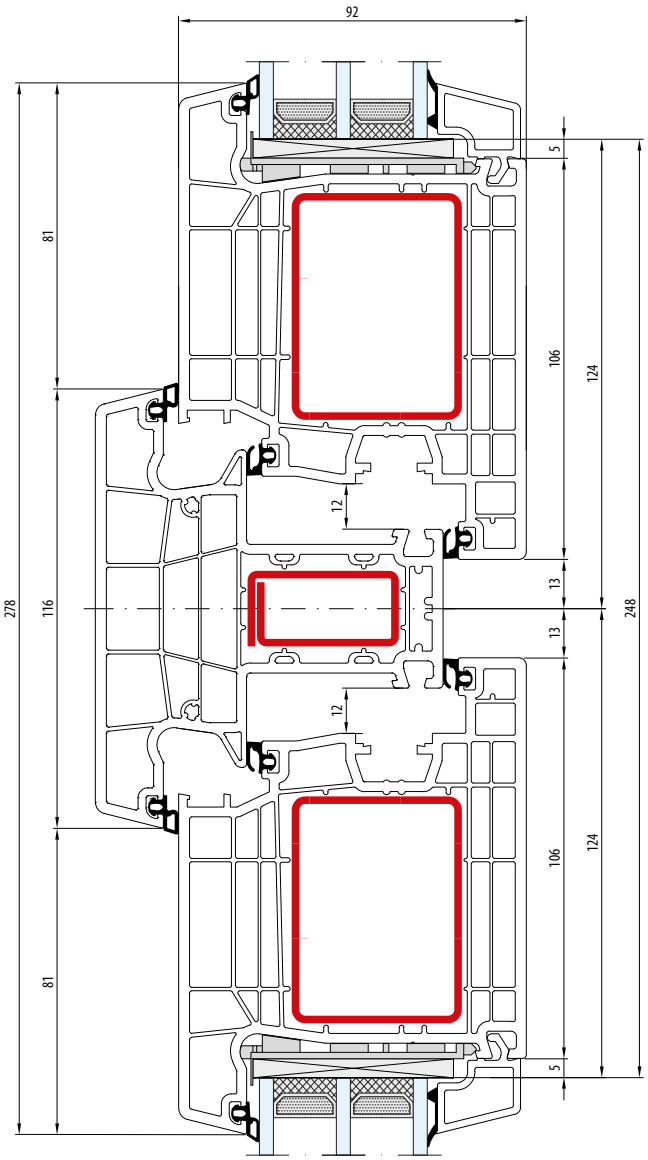


- Słupek stały: 116 mm · Skrzydło: 115 mm
- Meneau fixe: 116 mm · Vantail: 115 mm
- Fix post: 116 mm · Sash: 115 mm
- Festem Pfahl: 116 mm · Flügel: 115 mm
- Montante fisso: 116 mm · Anta: 115 mm
- Vaste stijl: 116 mm · Vleugel: 115 mm

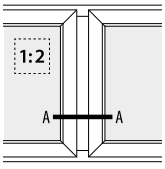


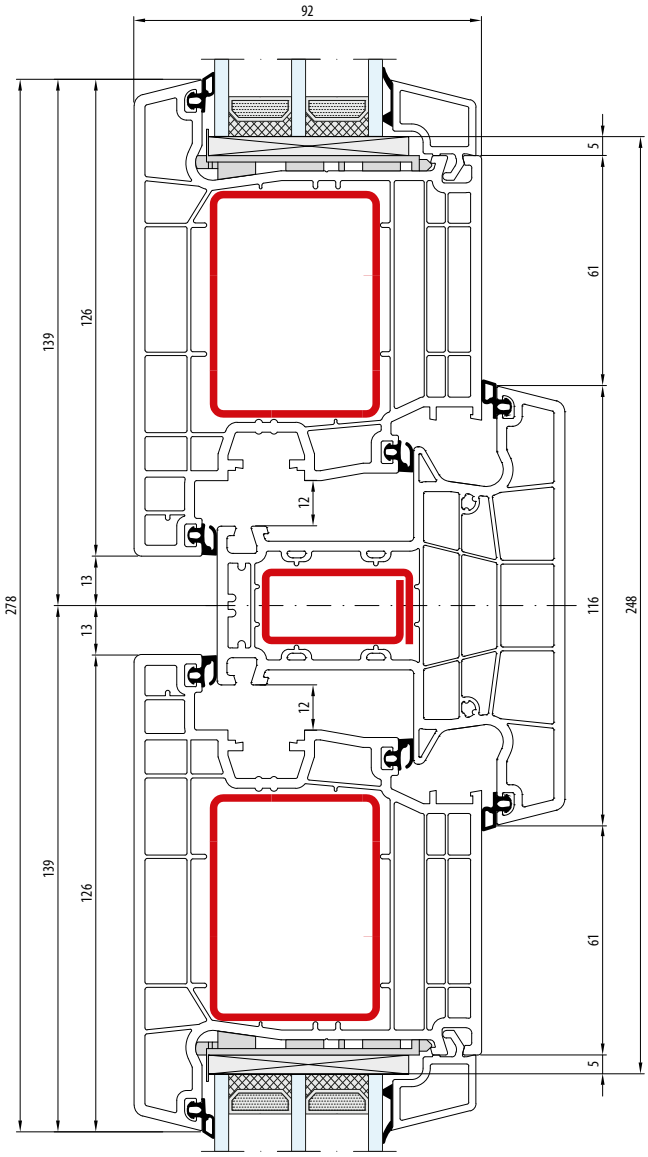
CL

SL CL RL H

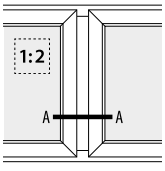


- Słupek stały: 116 mm · Skrzydło: 126 mm
- Meneau fixe: 116 mm · Vantail: 126 mm
- Fix post: 116 mm · Sash: 126 mm
- Festem Pfahl: 116 mm · Flügel: 126 mm
- Montante fisso: 116 mm · Anta: 126 mm
- Vaste stijl: 116 mm · Vleugel: 126 mm



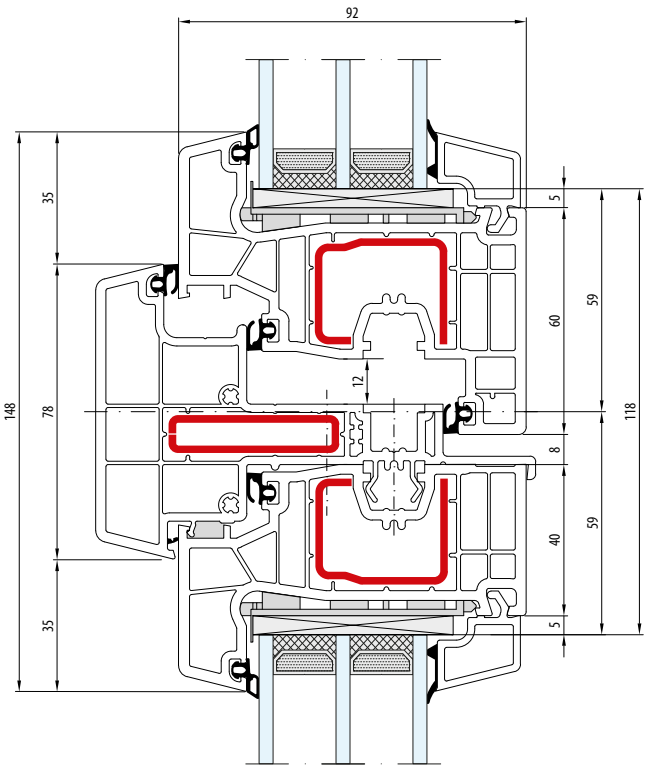


- Słupek stały: 116 mm · Skrzydło: 126 mm
- Meneau fixe: 116 mm · Vantail: 126 mm
- Fix post: 116 mm · Sash: 126 mm
- Festem Pfahl: 116 mm · Flügel: 126 mm
- Montante fisso: 116 mm · Anta: 126 mm
- Vaste stijl: 116 mm · Vleugel: 126 mm

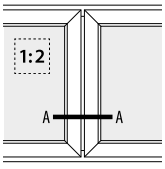


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Słupek ruchomy: 78 mm · Skrzydło: 80 mm / 60 mm
Meneau mobile: 78 mm · Vantail: 80 mm / 60 mm
Movable post: 78 mm · Sash: 80 mm / 60 mm
Stulp: 78 mm · Flügel: 80 mm / 60 mm
Montante mobile: 78 mm · Anta: 80 mm / 60 mm
Verplaatsbare stijl: 78 mm · Vleugel: 80 mm / 60 mm

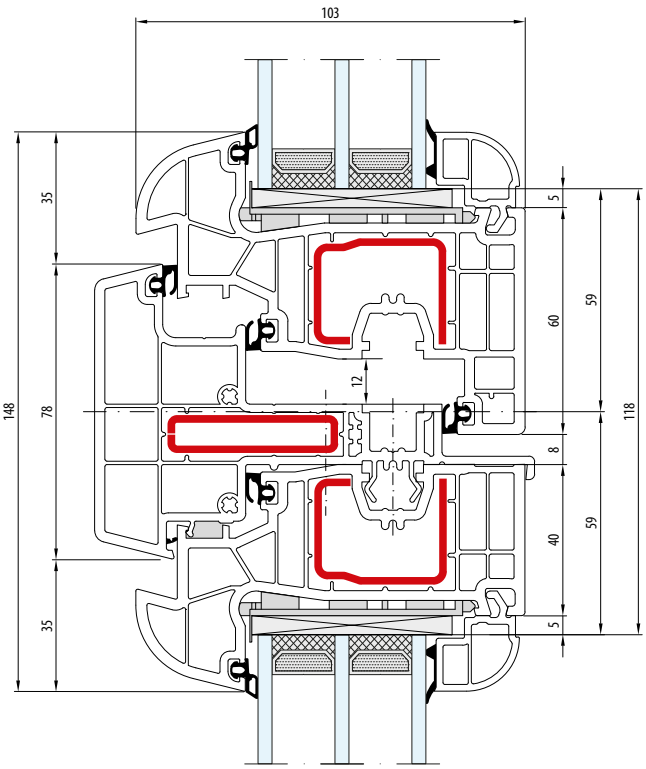




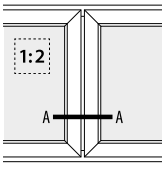






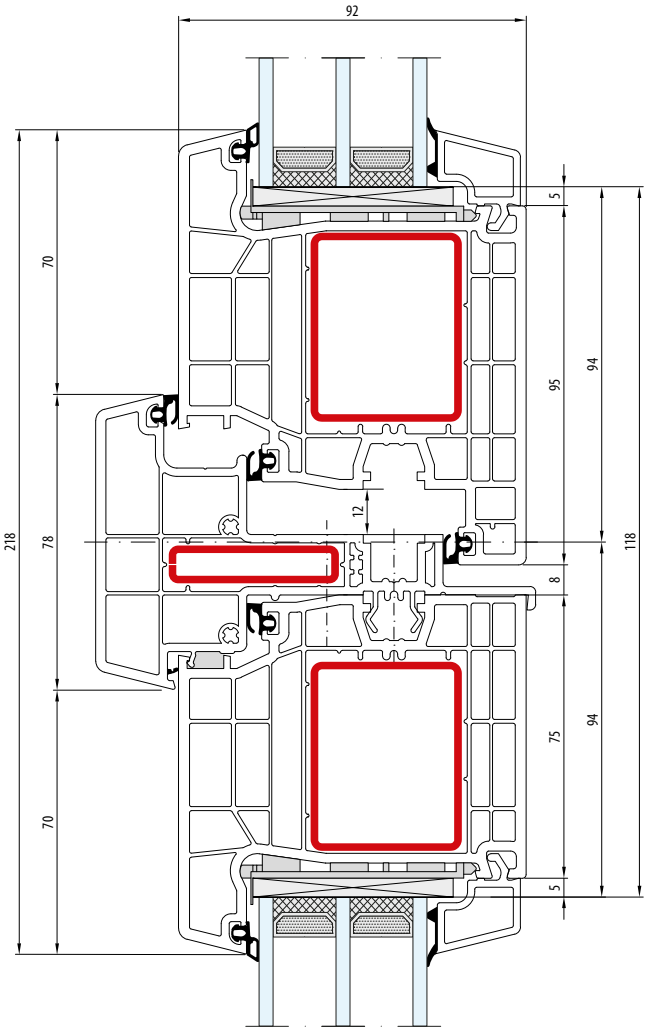


- Słupek ruchomy: 78 mm · Skrzydło: 80 mm / 60 mm
- Meneau mobile: 78 mm · Vantail: 80 mm / 60 mm
- Movable post: 78 mm · Sash: 80 mm / 60 mm
- Stulp: 78 mm · Flügel: 80 mm / 60 mm
- Montante mobile: 78 mm · Anta: 80 mm / 60 mm
- Verplaatsbare stijl: 78 mm · Vleugel: 80 mm / 60 mm

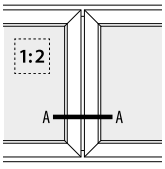


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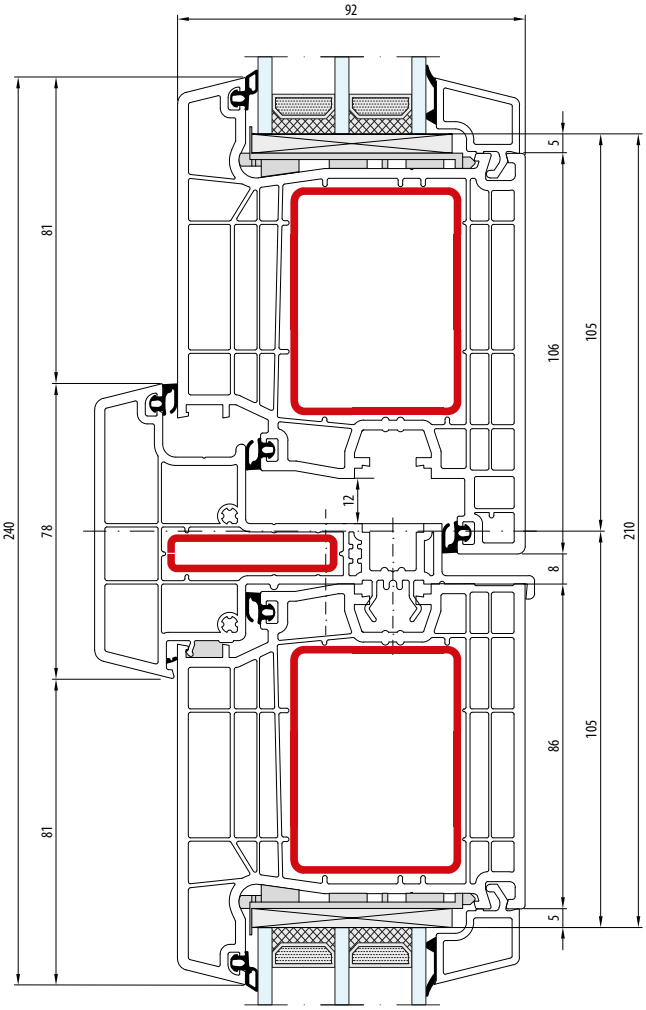


- Słupek ruchomy: 78 mm · Skrzydło: 115 mm / 95 mm
- Meneau mobile: 78 mm · Vantail: 115 mm / 95 mm
- Movable post: 78 mm · Sash: 115 mm / 95 mm
- Stulp: 78 mm · Flügel: 115 mm / 95 mm
- Montante mobile: 78 mm · Anta: 115 mm / 95 mm
- Verplaatsbare stijl: 78 mm · Vleugel: 115 mm / 95 mm

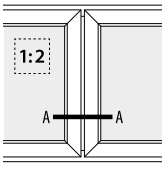


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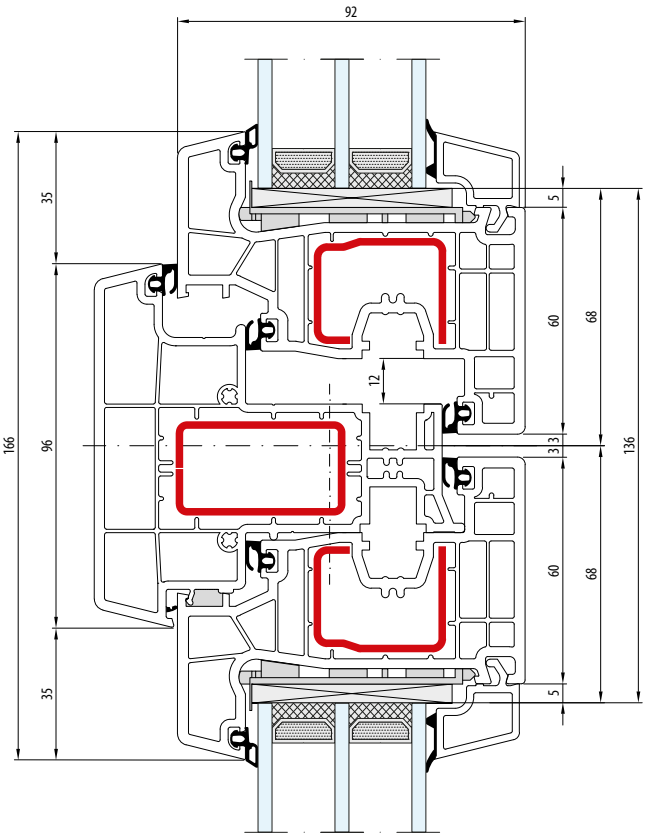


- Słupek ruchomy: 78 mm · Skrzydło: 126 mm / 106 mm
- Meneau mobile: 78 mm · Vantail: 126 mm / 106 mm
- Movable post: 78 mm · Sash: 126 mm / 106 mm
- Stulp: 78 mm · Flügel: 126 mm / 106 mm
- Montante mobile: 78 mm · Anta: 126 mm / 106 mm
- Verplaatsbare stijl: 78 mm · Vleugel: 126 mm / 106 mm

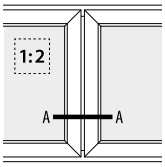


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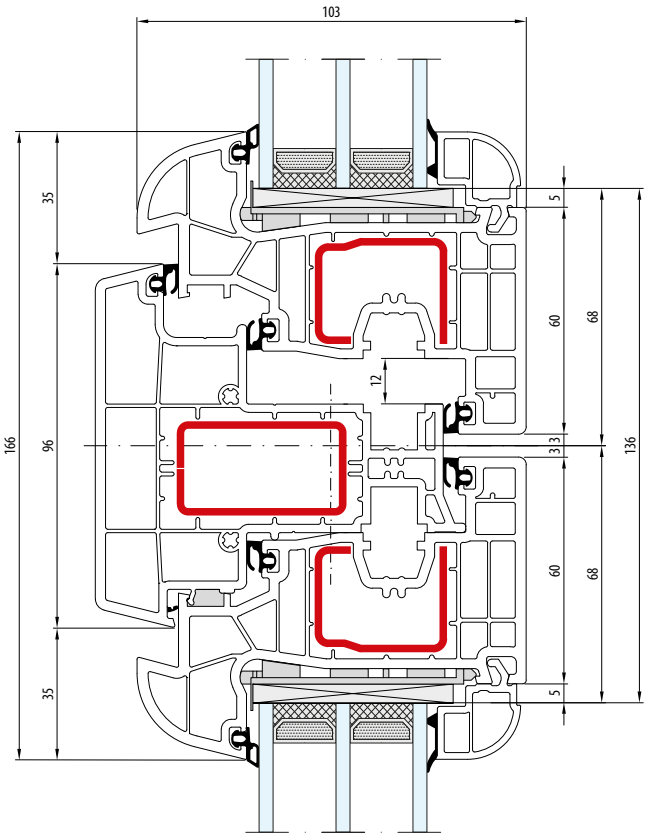


- Słupek ruchomy: 96 mm · Skrzydło: 80 mm
- Meneau mobile: 96 mm · Vantail: 80 mm
- Movable post: 96 mm · Sash: 80 mm
- Stulp: 96 mm · Flügel: 80 mm
- Montante mobile: 96 mm · Anta: 80 mm
- Verplaatsbare stijl: 96 mm · Vleugel: 80 mm

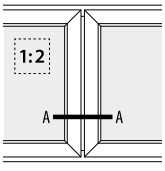


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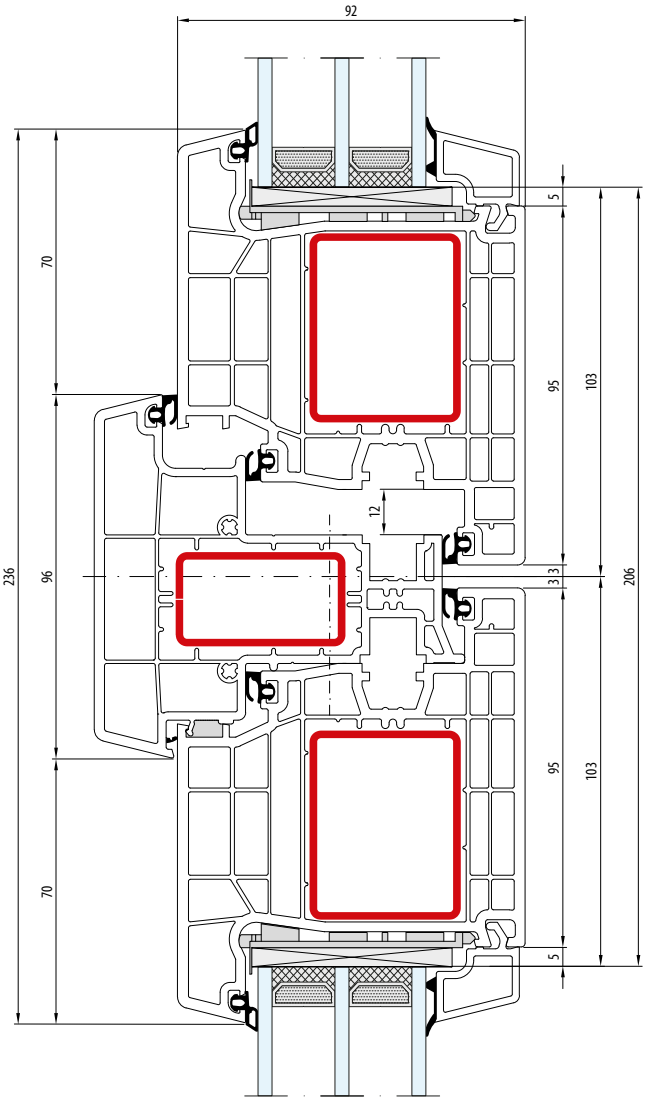


- Słupek ruchomy: 96 mm · Skrzydło: 80 mm
- Meneau mobile: 96 mm · Vantail: 80 mm
- Movable post: 96 mm · Sash: 80 mm
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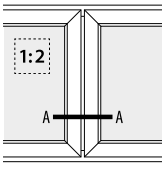


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- Słupek ruchomy: 96 mm · Skrzydło: 115 mm
- Meneau mobile: 96 mm · Vantail: 115 mm
- Movable post: 96 mm · Sash: 115 mm
- Stulp: 96 mm · Flügel: 115 mm
- Montante mobile: 96 mm · Anta: 115 mm
- Verplaatsbare stijl: 96 mm · Vleugel: 115 mm

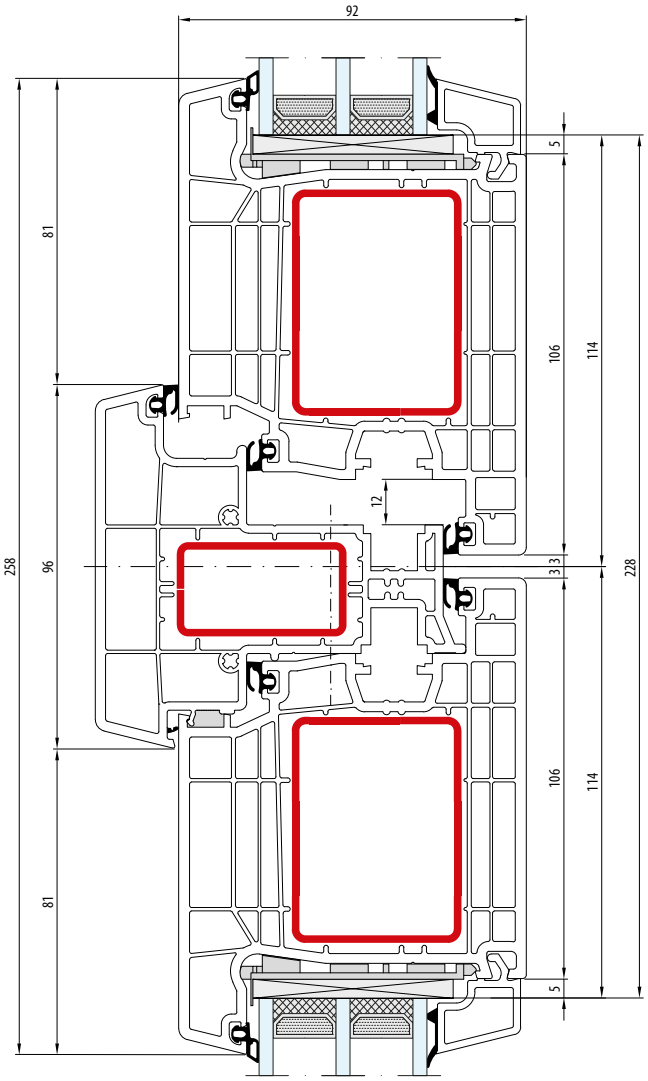




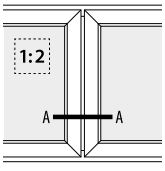






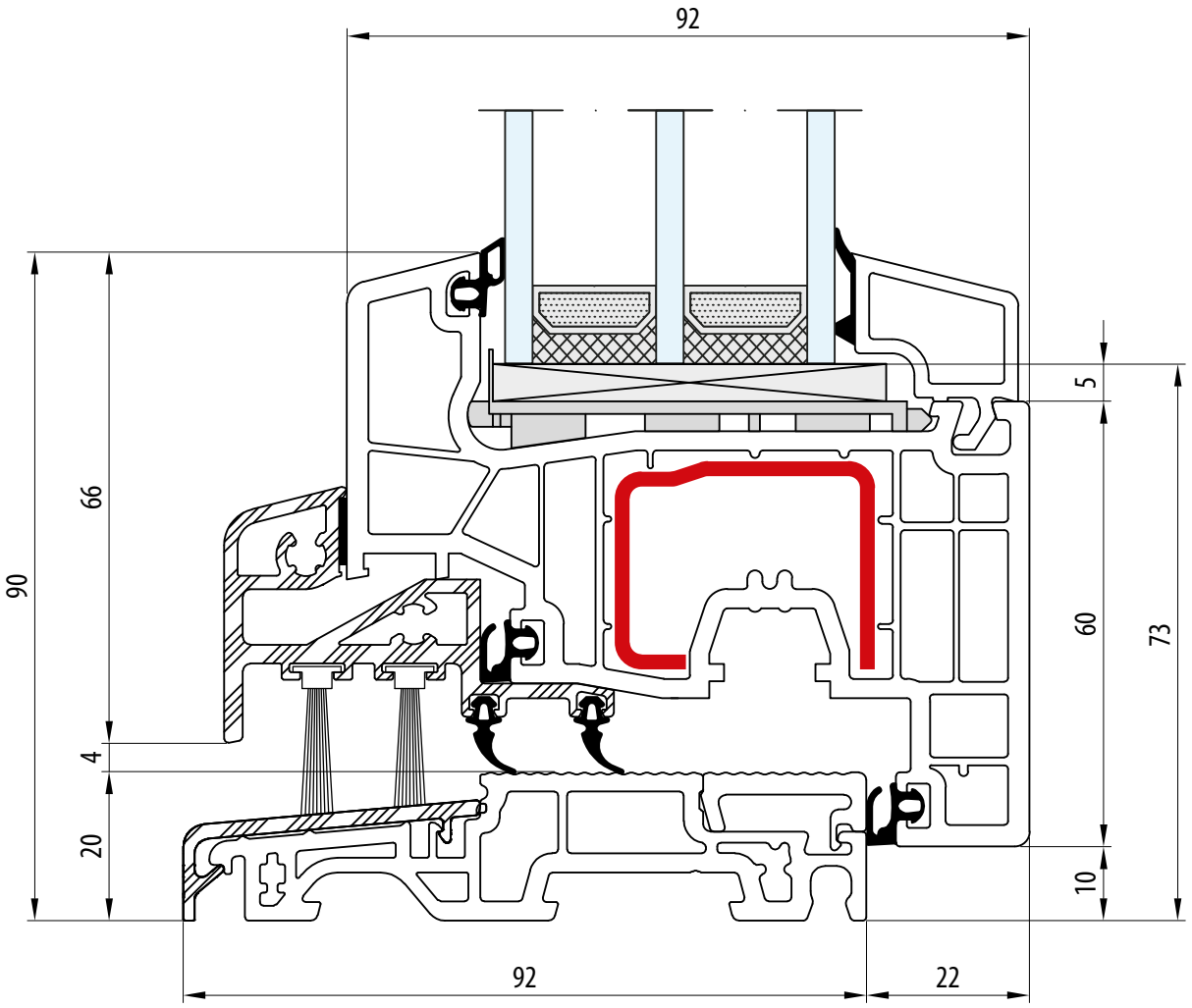


- Słupek ruchomy: 96 mm · Skrzydło: 126 mm
- Meneau mobile: 96 mm · Vantail: 126 mm
- Movable post: 96 mm · Sash: 126 mm
- Stulp: 96 mm · Flügel: 126 mm
- Montante mobile: 96 mm · Anta: 126 mm
- Verplaatsbare stijl: 96 mm · Vleugel: 126 mm

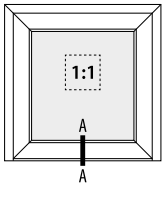


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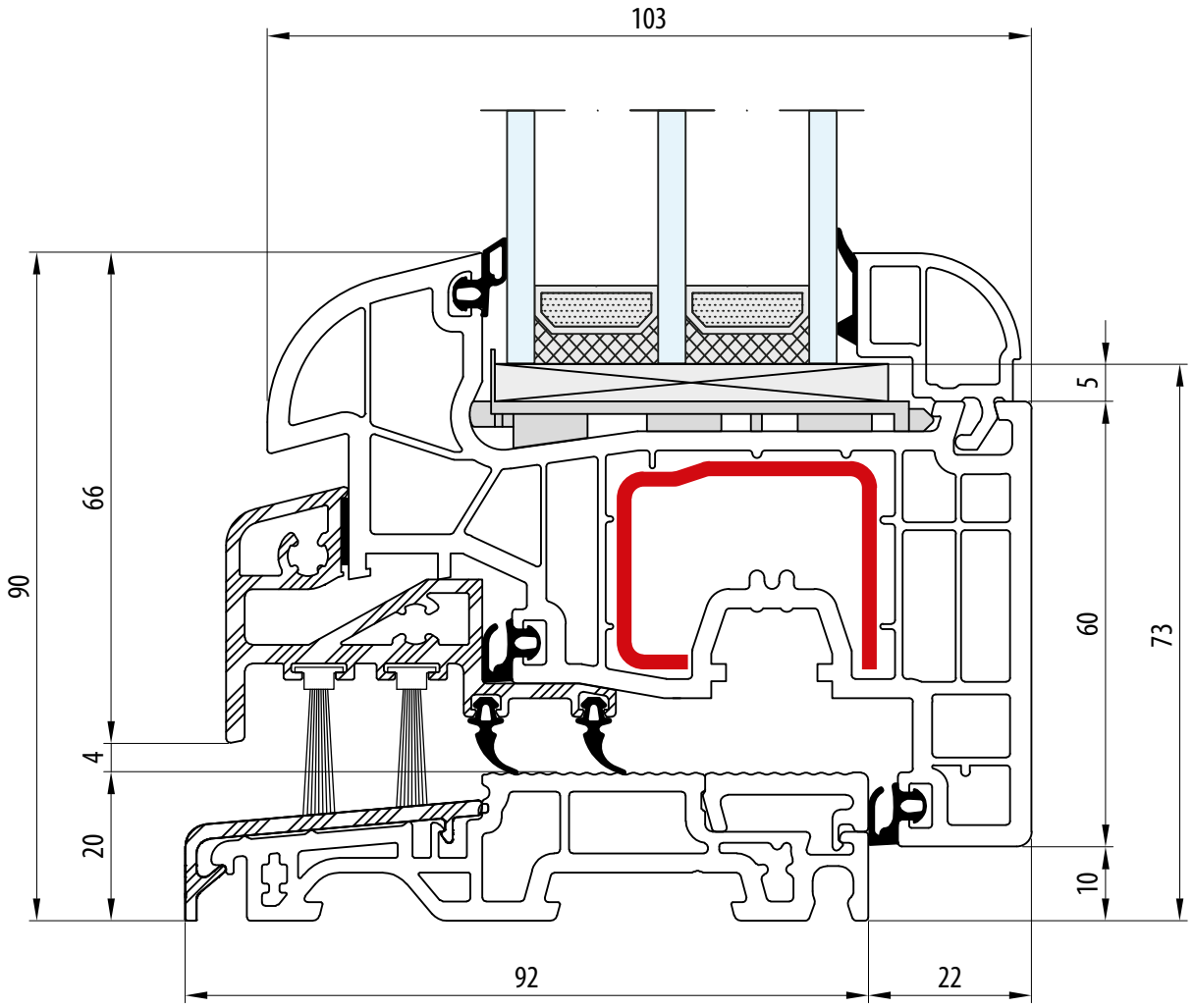


- Próg: 20 mm · Skrzydło: 80 mm
- Seuil: 20 mm · Vantail: 80 mm
- Threshold: 20 mm · Sash: 80 mm
- Schwelle: 20 mm · Flügel: 80 mm
- Soglia: 20 mm · Anta: 80 mm
- Dorpel: 20 mm · Vleugel: 80 mm

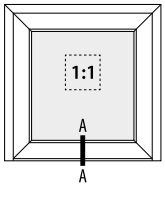


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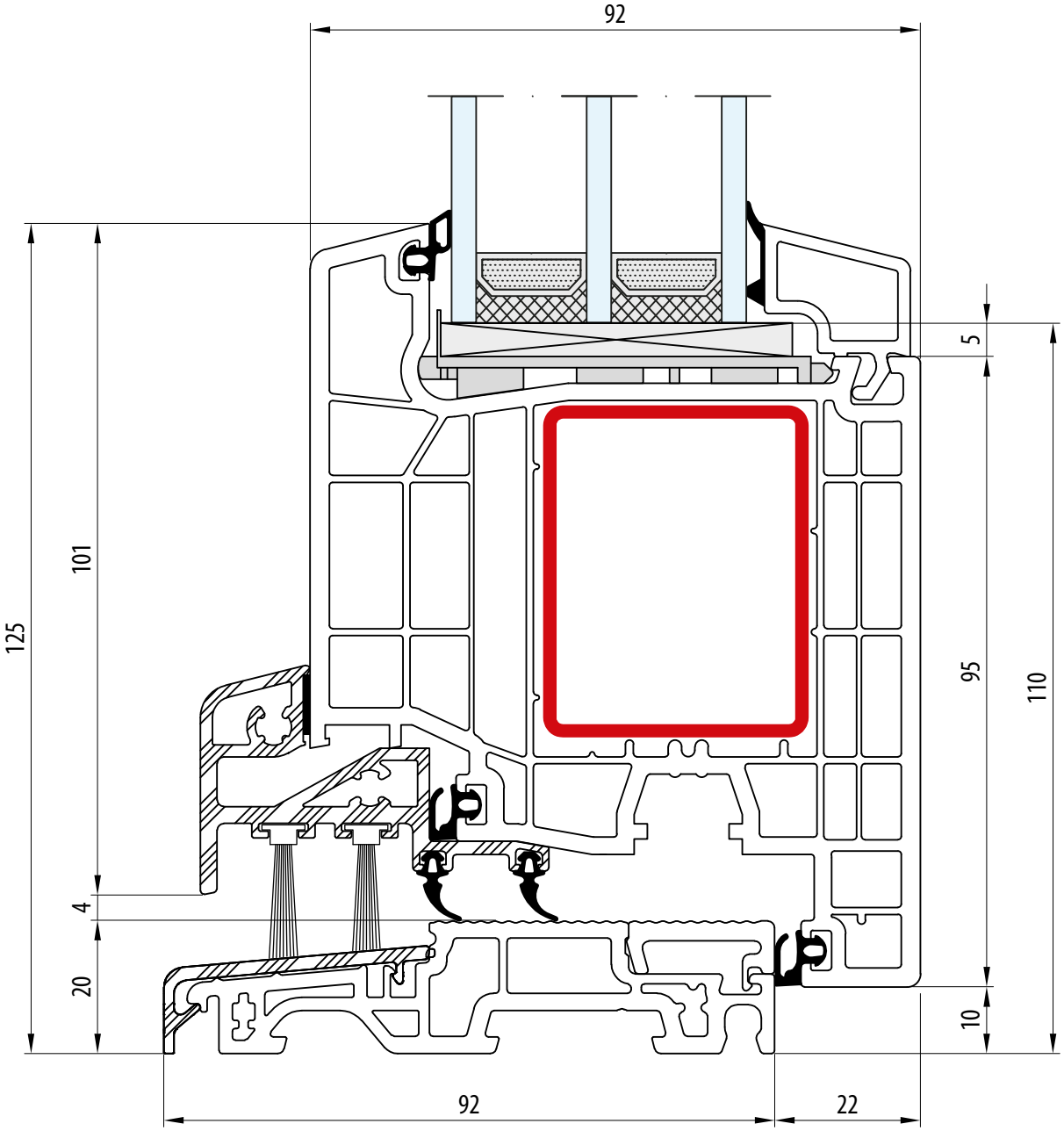


Próg: 20 mm · Skrzydło: 80 mm
Seuil: 20 mm · Vantail: 80 mm
Threshold: 20 mm · Sash: 80 mm
Schwelle: 20 mm · Flügel: 80 mm
Soglia: 20 mm · Anta: 80 mm
Dorpel: 20 mm · Vleugel: 80 mm

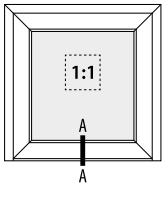


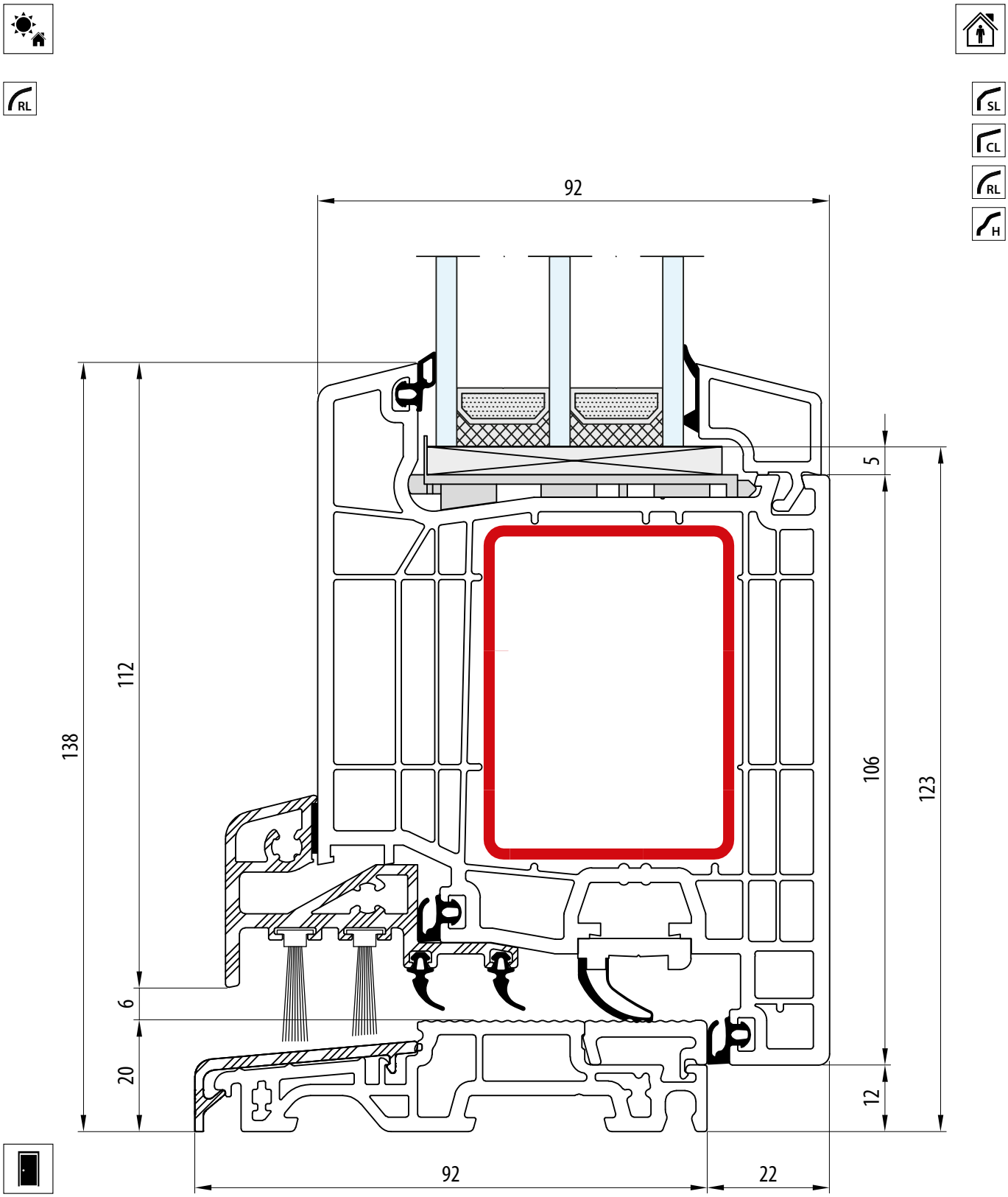
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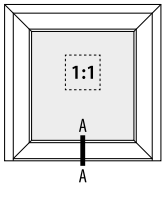


- Próg: 20 mm · Skrzydło: 115 mm
- Seuil: 20 mm · Vantail: 115 mm
- Threshold: 20 mm · Sash: 115 mm
- Schwelle: 20 mm · Flügel: 115 mm
- Soglia: 20 mm · Anta: 115 mm
- Dorpel: 20 mm · Vleugel: 115 mm



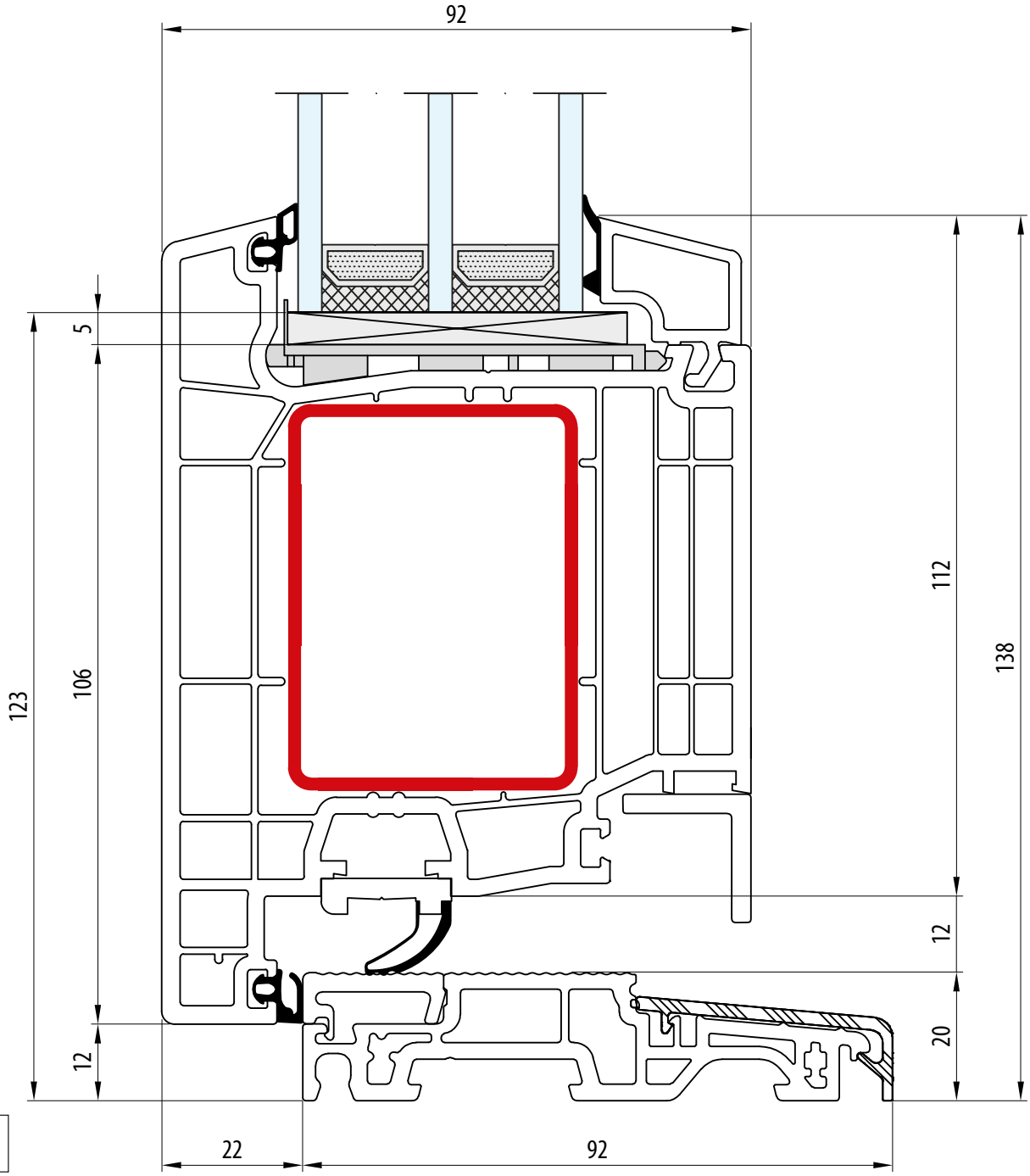


- Próg: 20 mm · Skrzydło: 126 mm
- Seuil: 20 mm · Vantail: 126 mm
- Threshold: 20 mm · Sash: 126 mm
- Schwelle: 20 mm · Flügel: 126 mm
- Soglia: 20 mm · Anta: 126 mm
- Dorpel: 20 mm · Vleugel: 126 mm

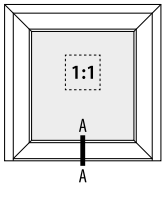


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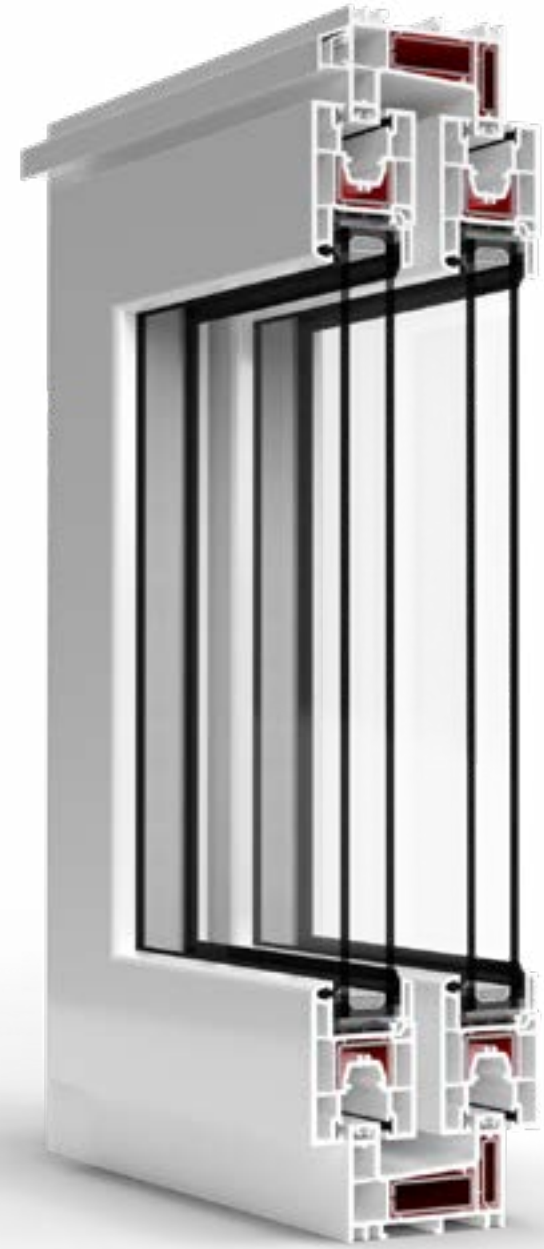
SL CL RL H

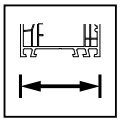


- Próg: 20 mm · Skrzydło: 115 mm
- Seuil: 20 mm · Vantail: 115 mm
- Threshold: 20 mm · Sash: 115 mm
- Schwelle: 20 mm · Flügel: 115 mm
- Soglia: 20 mm · Anta: 115 mm
- Dorpel: 20 mm · Vleugel: 115 mm

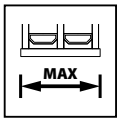


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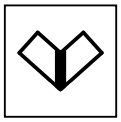




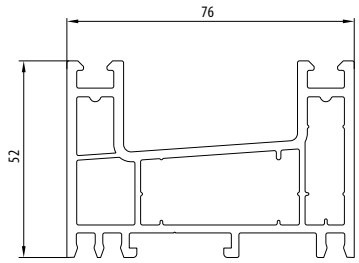
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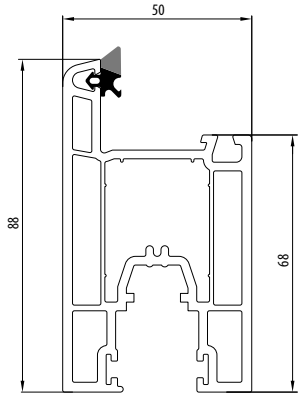
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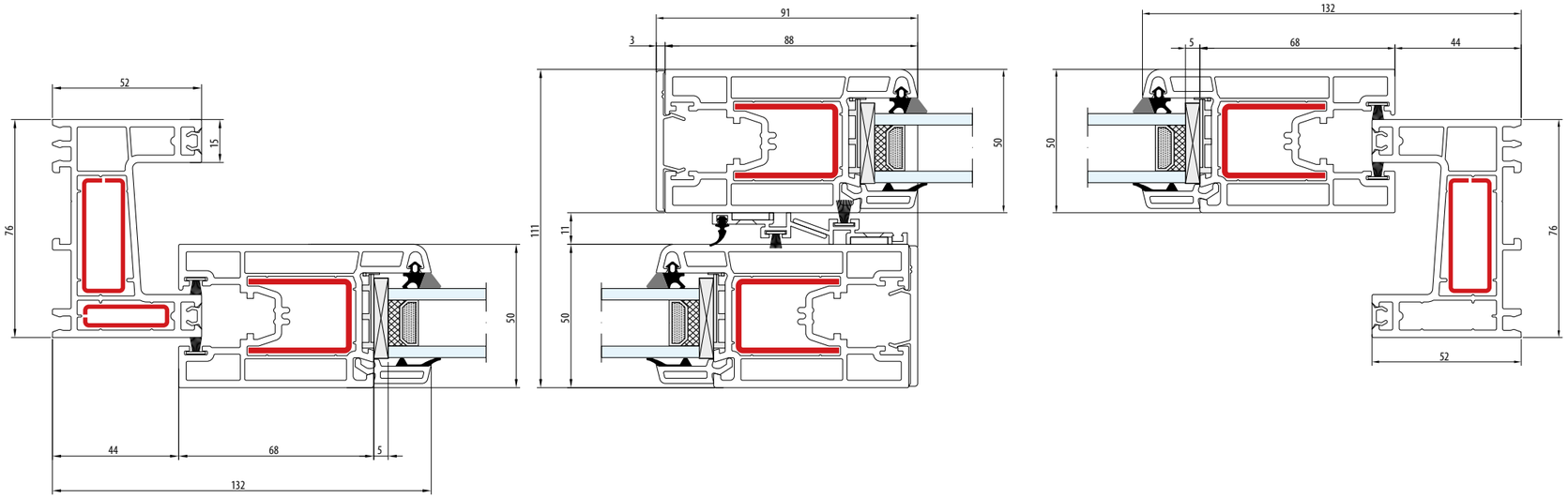


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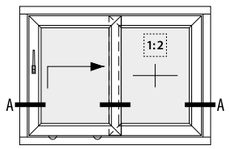


CL 601138

1:2



- Schemat A - Przekrój poziomy · Rama: 52 mm · Skrzydło: 88 mm
- Schéma A - Coupe horizontale · Dormant: 52 mm · Vantail: 88 mm
- Schema A - Doorsnede horizontaal · Frame: 52 mm · Sash: 88 mm
- Schema A - Wagerechter Schnitt · Rahmen: 52 mm · Flügel: 88 mm
- Schema A - Sezione orizzontale · Telaio: 52 mm · Anta: 88 mm
- Schema A - Horizontale doorsnede · Kozijn: 52 mm · Vleugel: 88 mm

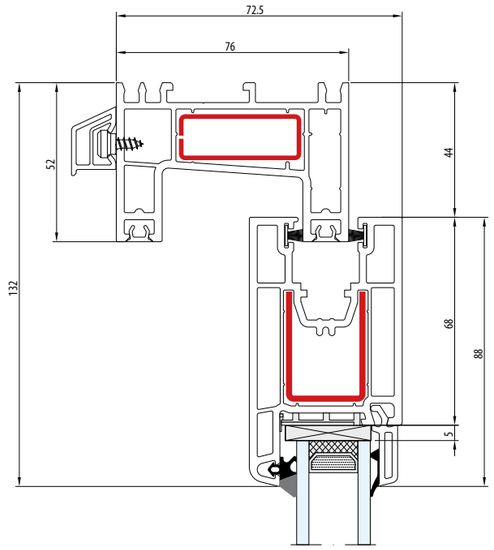


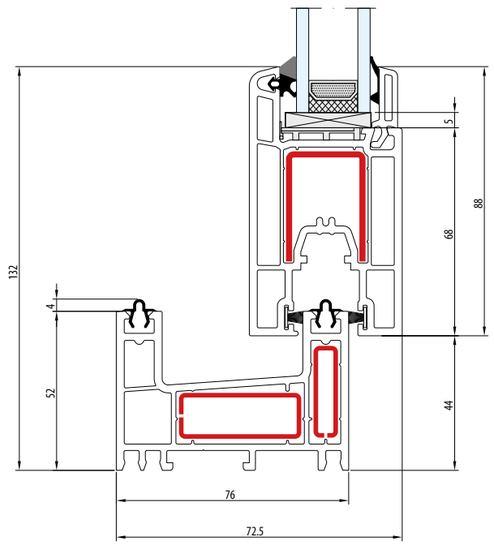
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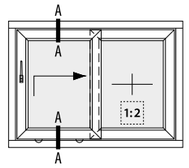
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- Schemat A - Przekrój pionowy · Rama: 52 mm · Skrzydło: 88 mm
- Schéma A - Coupe verticale · Dormant: 52 mm · Vantail: 88 mm
- Schema A - Doorsnede verticaal · Frame: 52 mm · Sash: 88 mm
- Schema A - Senkrechter Schnitt · Rahmen: 52 mm · Flügel: 88 mm
- Schema A - Sezione verticale · Telaio: 52 mm · Anta: 88 mm
- Schema A - Verticale doorsnede · Kozijn: 52 mm · Vleugel: 88 mm



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EVOLUTIONDRIVE PLUS®

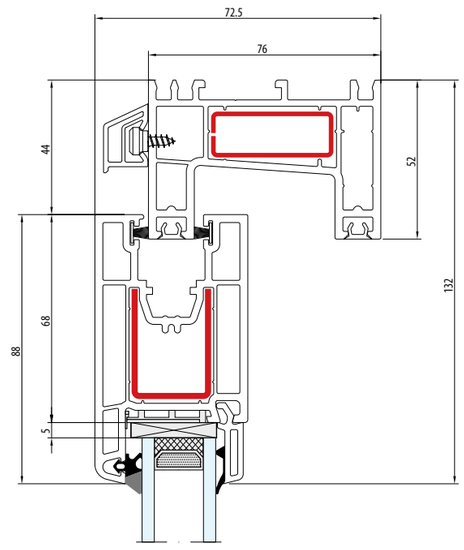
EVOLUTIONDRIVE 82

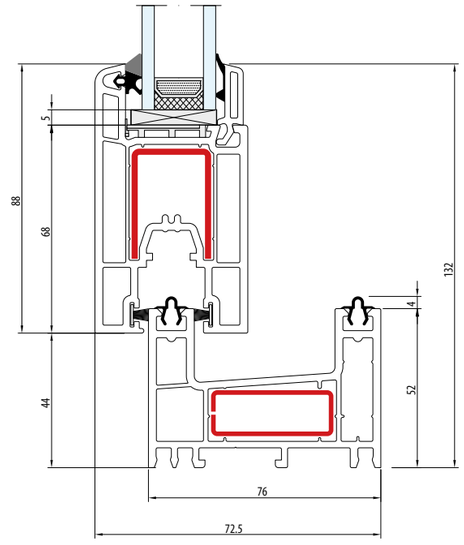
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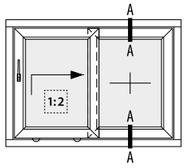
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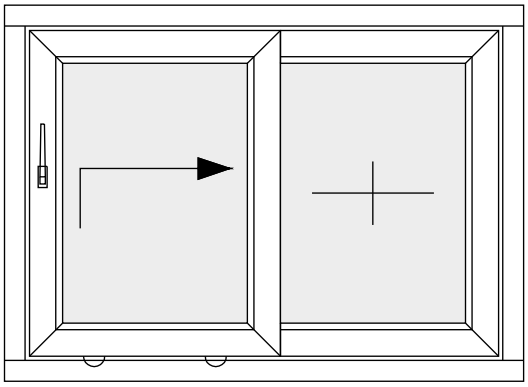
RL





- Schemat A - Przekrój pionowy · Rama: 52 mm · Skrzydło: 88 mm
- Schéma A - Coupe verticale · Dormant: 52 mm · Vantail: 88 mm
- Schema A - Doorsnede verticaal · Frame: 52 mm · Sash: 88 mm
- Schema A - Senkrechter Schnitt · Rahmen: 52 mm · Flügel: 88 mm
- Schema A - Sezione verticale · Telaio: 52 mm · Anta: 88 mm
- Schema A - Verticale doorsnede · Kozijn: 52 mm · Vleugel: 88 mm

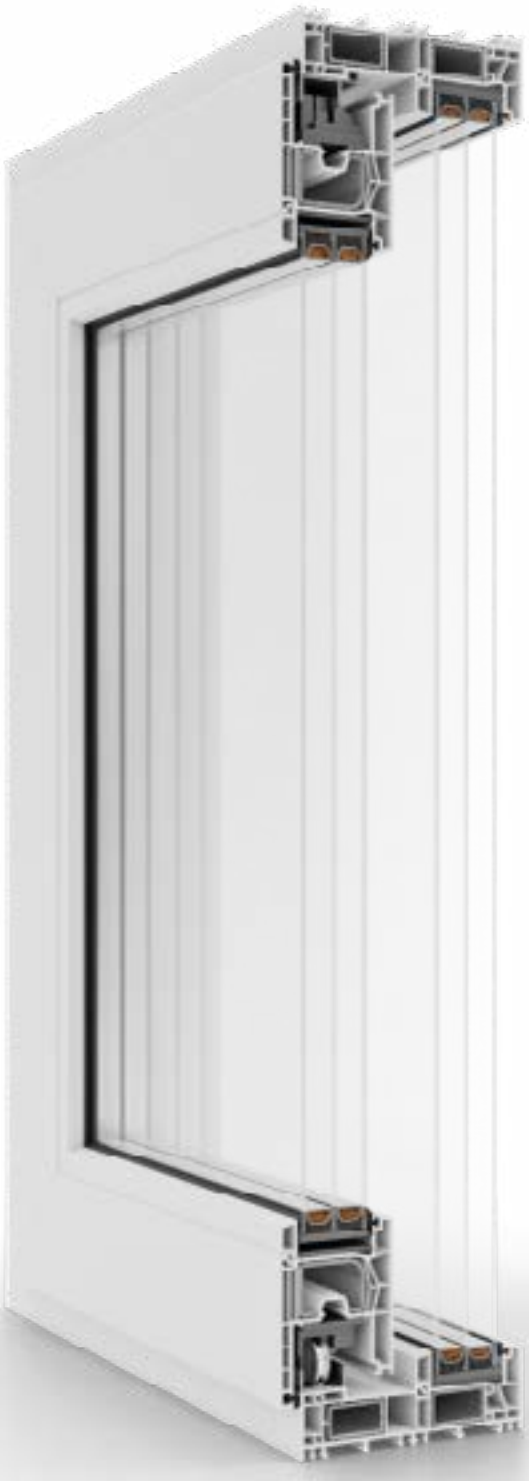


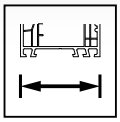


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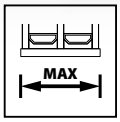
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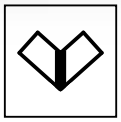




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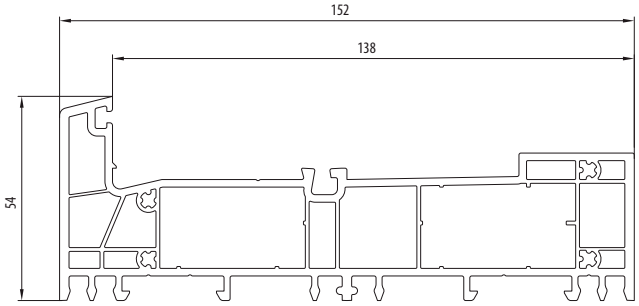


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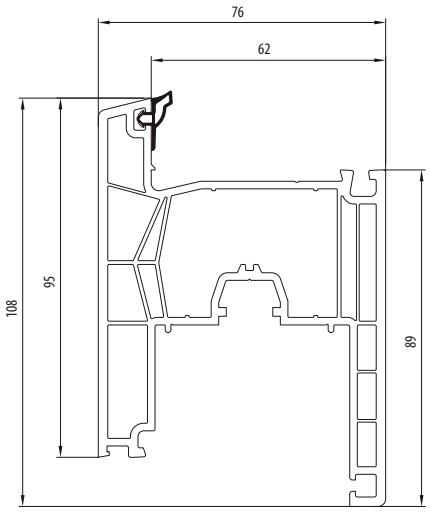


SUPER SOLUTION

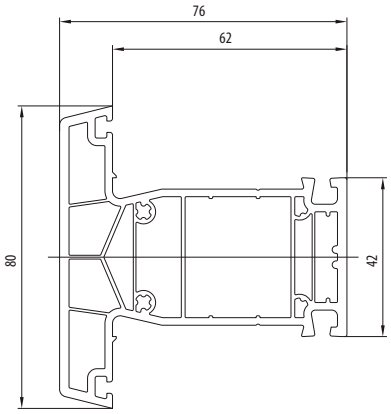




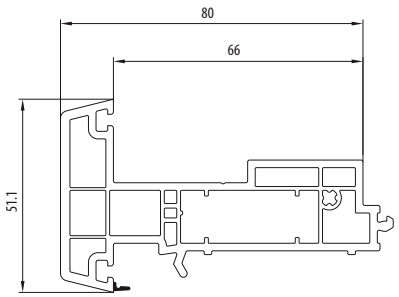
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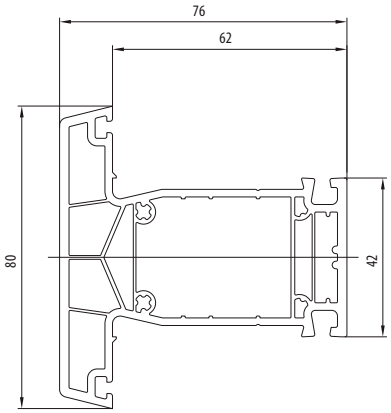
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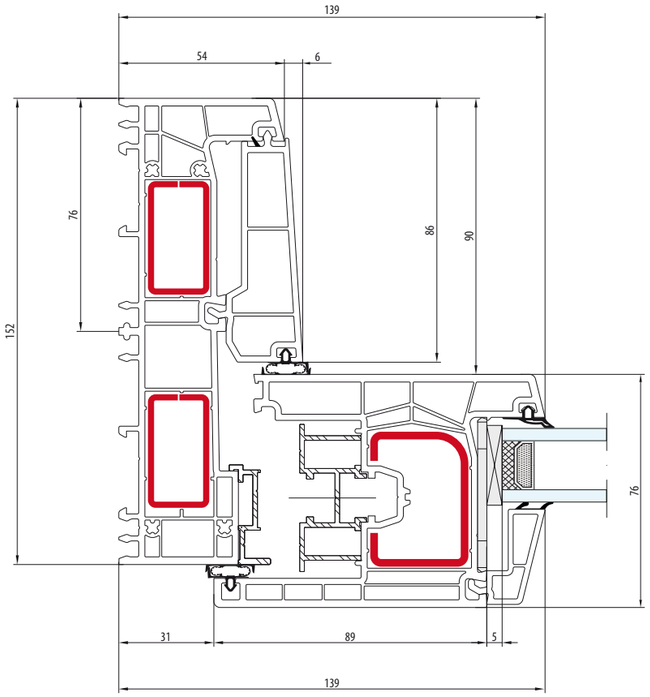
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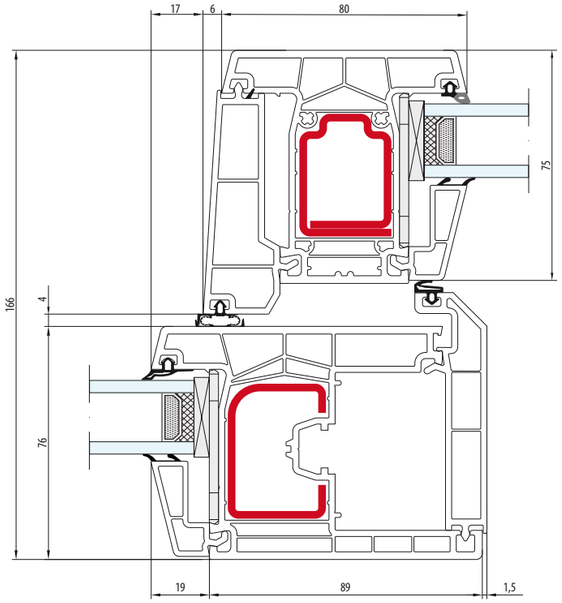


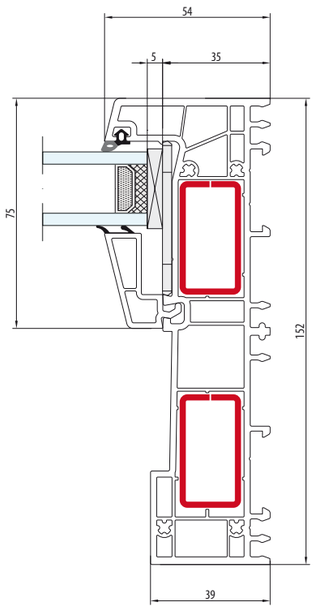
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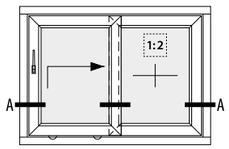
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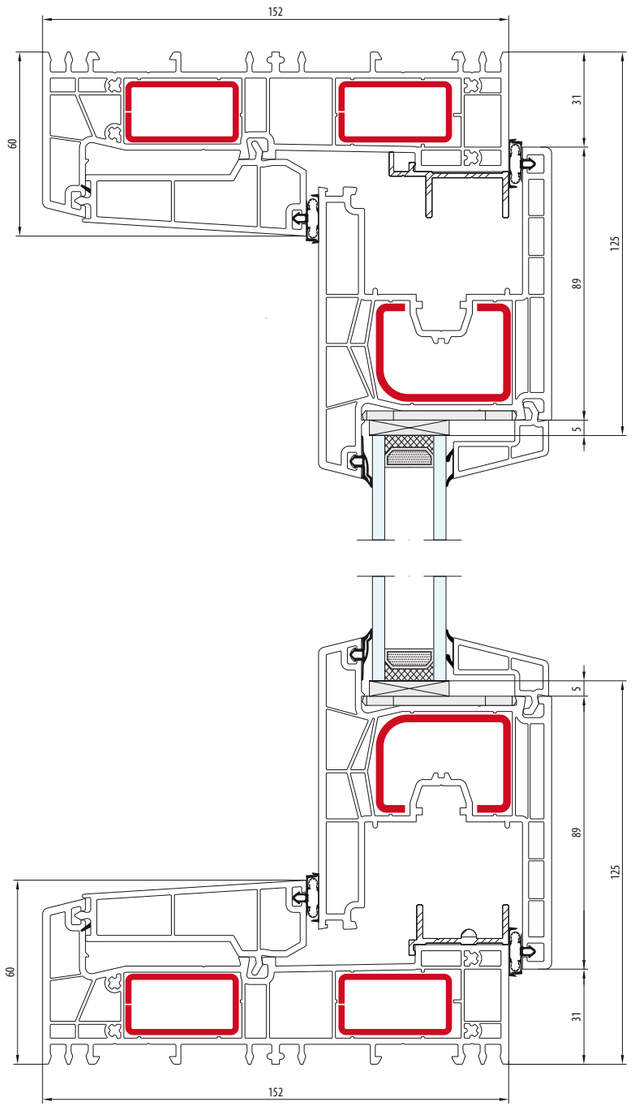


- Schemat A - Przekrój poziomy · Rama: 152 mm · Skrzydło: 76 mm
- Schéma A - Coupe horizontale · Dormant: 152 mm · Vantail: 76 mm
- Schema A - Doorsnede horizontaal · Frame: 152 mm · Sash: 76 mm
- Schema A - Wagerechter Schnitt · Rahmen: 152 mm · Flügel: 76 mm
- Schema A - Sezione orizzontale · Telaio: 152 mm · Anta: 76 mm
- Schema A - Horizontale doorsnede · Kozijn: 152 mm · Vleugel: 76 mm

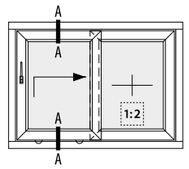


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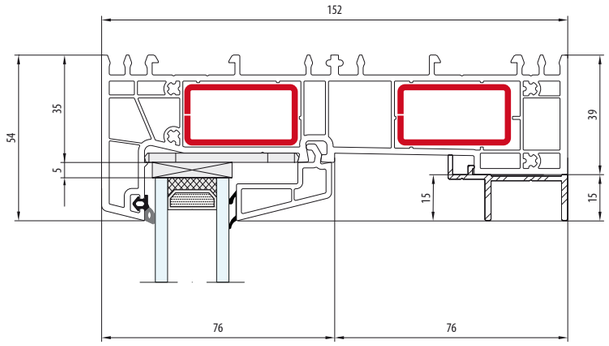
- Schemat A - Przekrój pionowy · Rama: 152 mm · Skrzydło: 76 mm
- Schéma A - Coupe verticale · Dormant: 152 mm · Vantail: 76 mm
- Schema A - Doorsnede verticaal · Frame: 152 mm · Sash: 76 mm
- Schema A - Senkrechter Schnitt · Rahmen: 152 mm · Flügel: 76 mm
- Schema A - Sezione verticale · Telaio: 152 mm · Anta: 76 mm
- Schema A - Verticale doorsnede · Kozijn: 152 mm · Vleugel: 76 mm

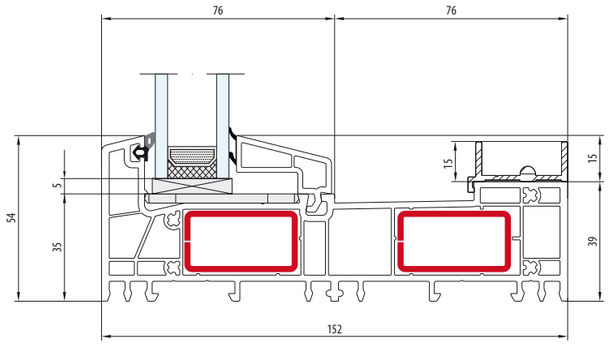


EVOLUTIONDRIVE SF
EVOLUTIONDRIVE PLUS+
EVOLUTIONDRIVE 82

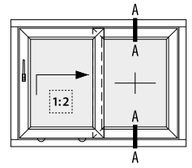
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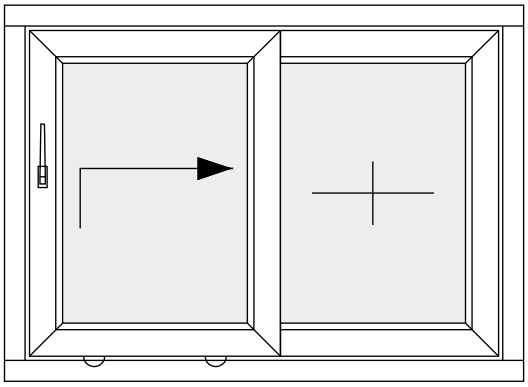
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- Schemat A - Przekrój pionowy · Rama: 152 mm · Skrzydło: 76 mm
- Schéma A - Coupe verticale · Dormant: 152 mm · Vantail: 76 mm
- Schema A - Doorsnede verticaal · Frame: 152 mm · Sash: 76 mm
- Schema A - Senkrechter Schnitt · Rahmen: 152 mm · Flügel: 76 mm
- Schema A - Sezione verticale · Telaio: 152 mm · Anta: 76 mm
- Schema A - Verticale doorsnede · Kozijn: 152 mm · Vleugel: 76 mm

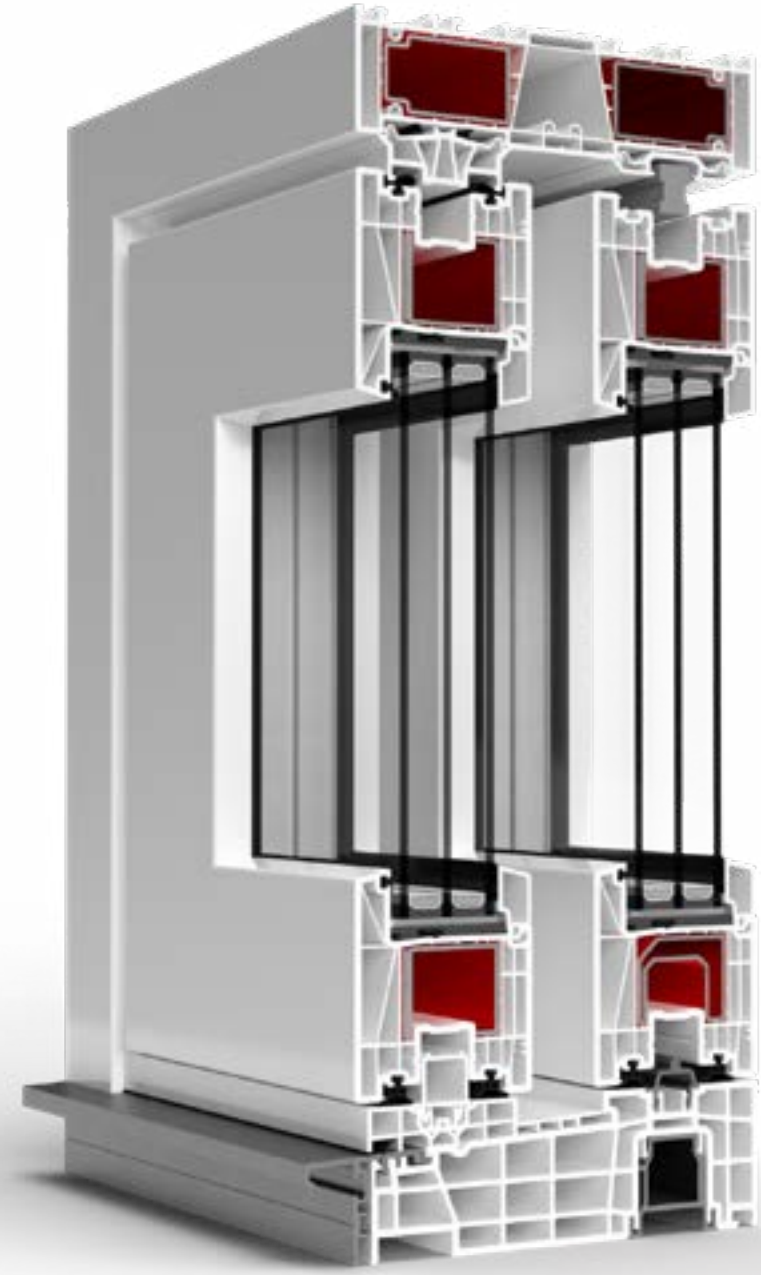




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EVOLUTIONDRIVE 82

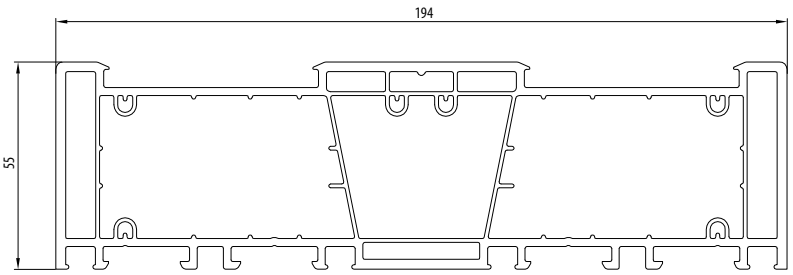


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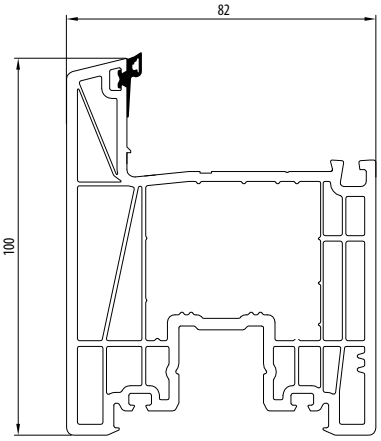
MAX 53

SUPER SOLUTION

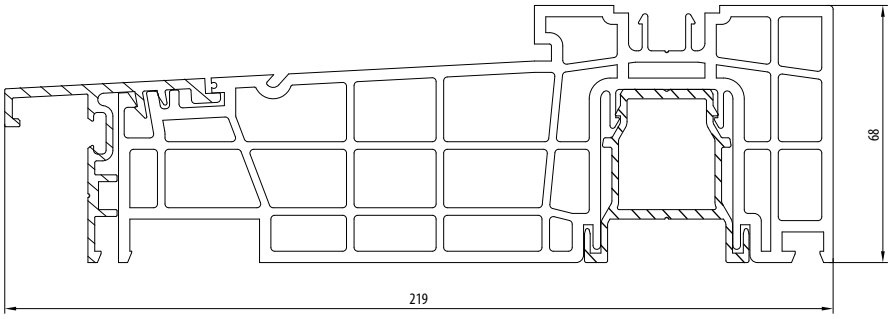




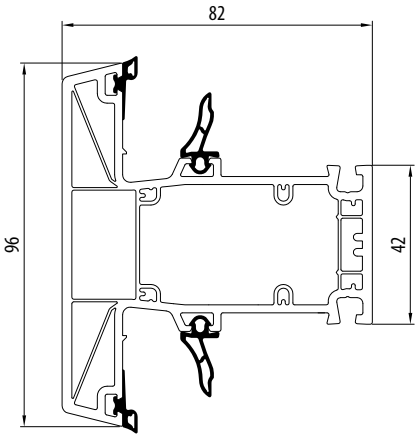
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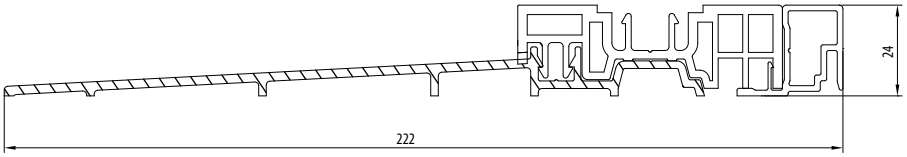
CL H8600



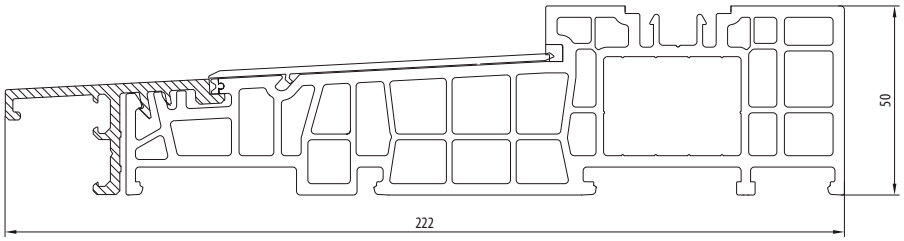
Thermostep - 68 mm



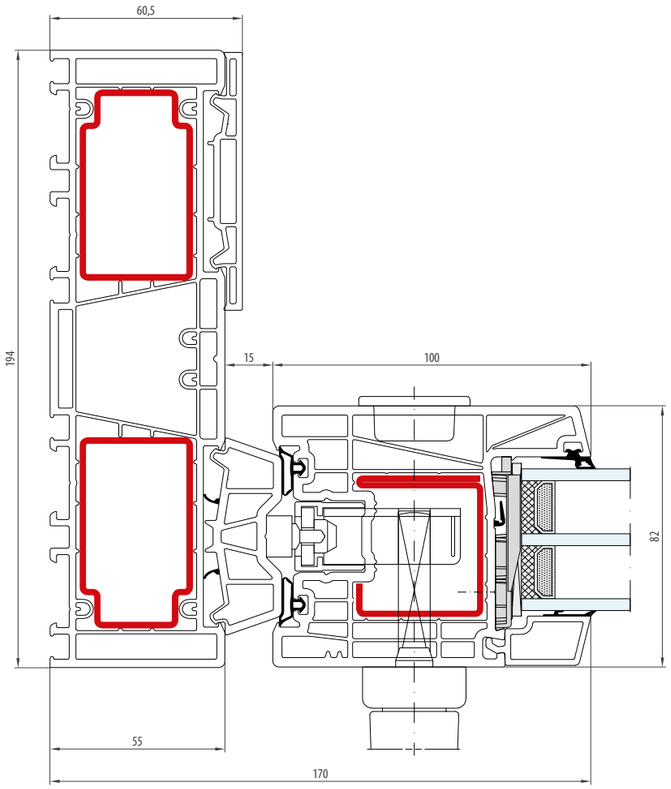
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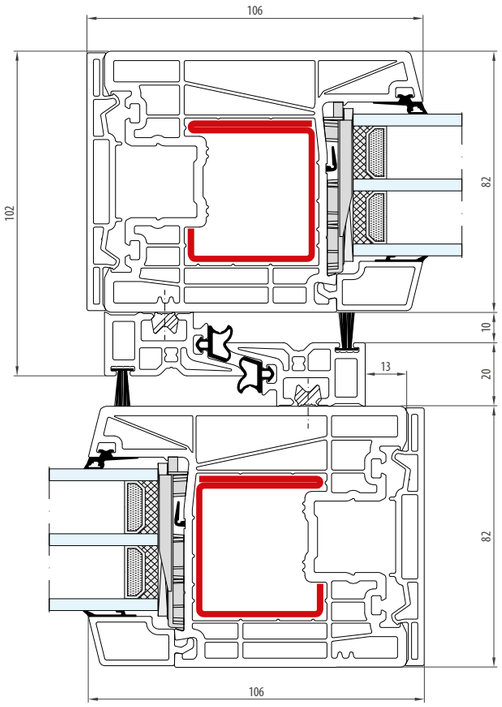


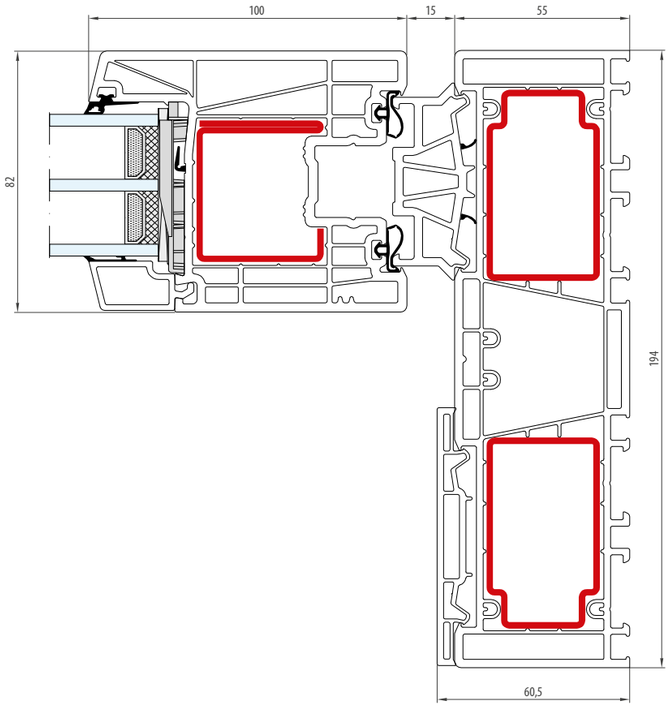
Flatstep - 24 mm



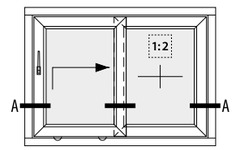
Thermo Schwelle - 50 mm







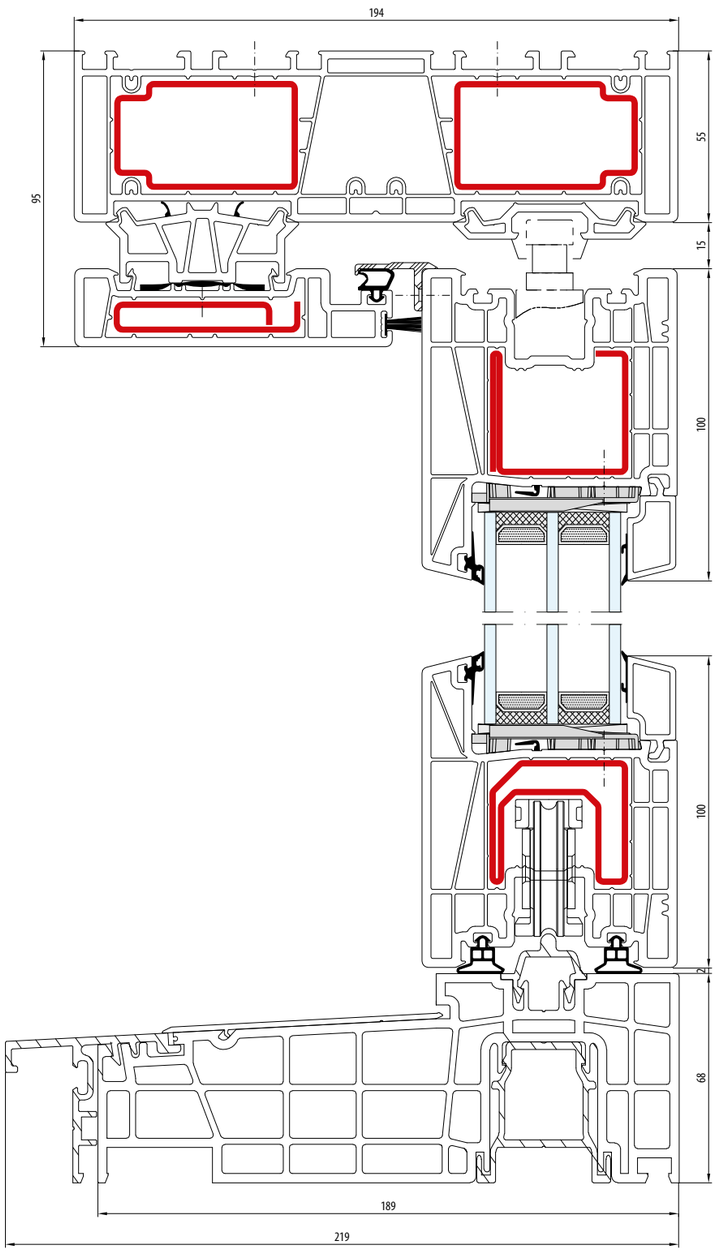
- Schemat A - Przekrój poziomy · Rama: 55 mm · Skrzydło: 100 mm
- Schéma A - Coupe horizontale · Dormant: 55 mm · Vantail: 100 mm
- Schema A - Doorsnede horizontaal · Frame: 55 mm · Sash: 100 mm
- Schema A - Wagerechter Schnitt · Rahmen: 55 mm · Flügel: 100 mm
- Schema A - Sezione orizzontale · Telaio: 55 mm · Anta: 100 mm
- Schema A - Horizontale doorsnede · Kozijn: 55 mm · Vleugel: 100 mm



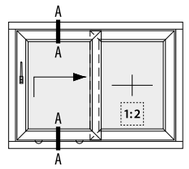
EVOLUTIONDRIVE SF

EVOLUTIONDRIVE PLUS*

EVOLUTIONDRIVE 82



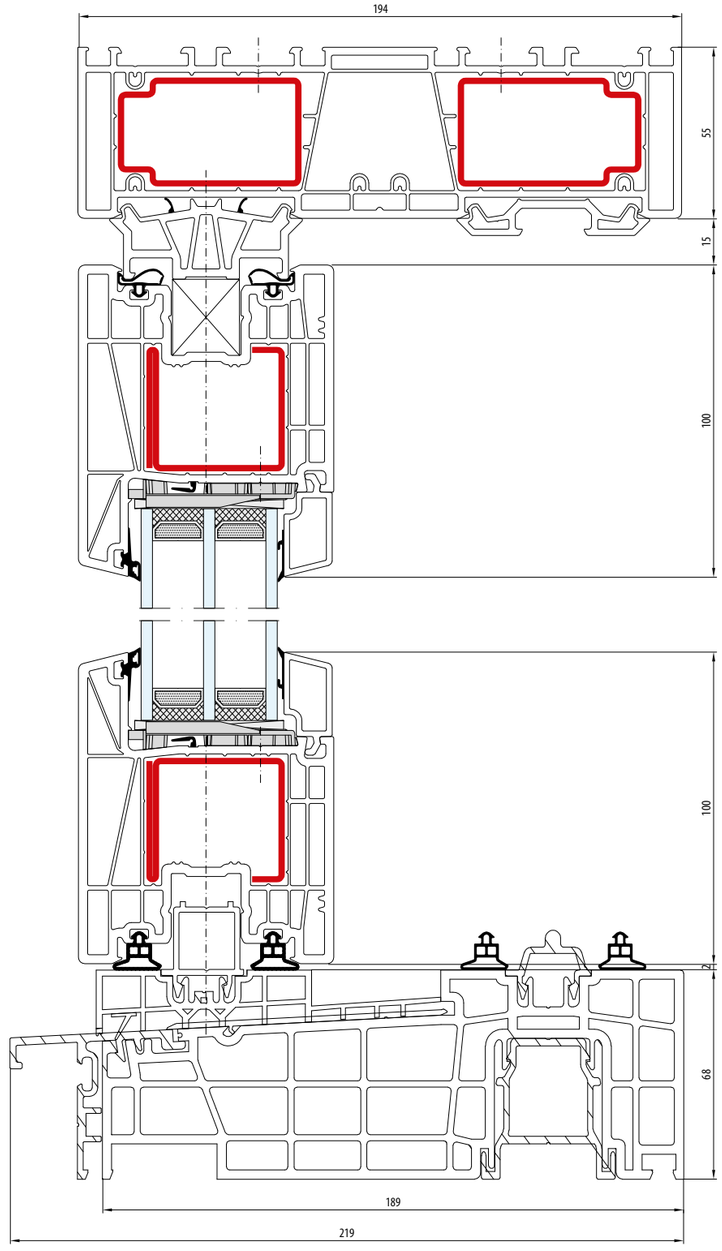
- Schemat A - Przekrój pionowy · Próg: 68 mm · Skrzydło: 100 mm
- Schéma A - Coupe verticale · Seuil: 68 mm · Vantail: 100 mm
- Schema A - Doorsnede verticaal · Doorstep: 68 mm · Sash: 100 mm
- Schema A - Senkrechter Schnitt · Schwelle: 68 mm · Flügel: 100 mm
- Schema A - Sezione verticale · Soglia: 68 mm · Anta: 100 mm
- Schema A - Verticale doorsnede · Dorpel: 68 mm · Vleugel: 100 mm



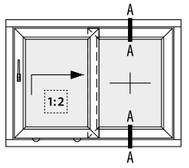
EVOLUTIONDRIVE SF

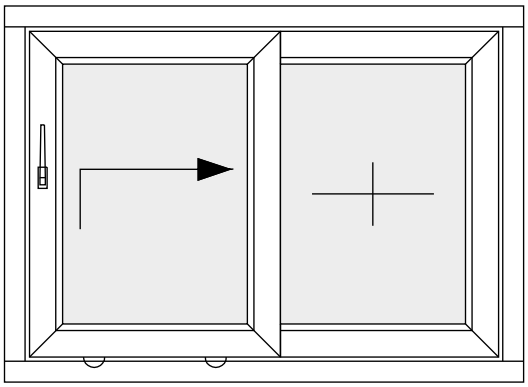
EVOLUTIONDRIVE PLUS*

EVOLUTIONDRIVE 82

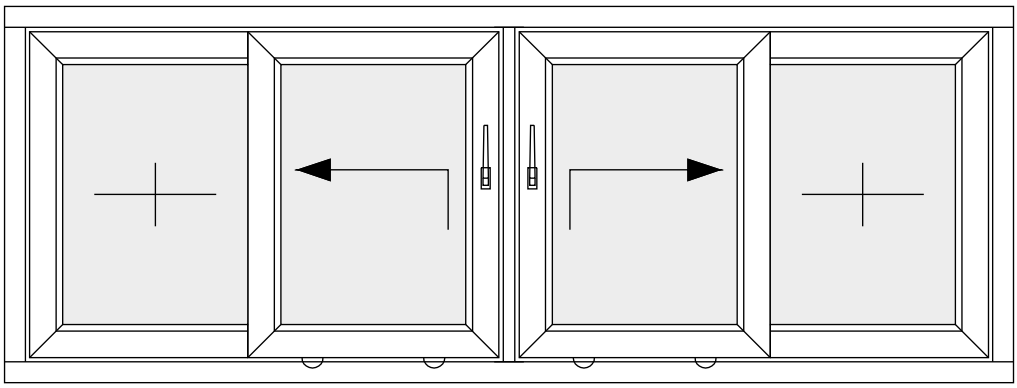


- Schemat A - Przekrój pionowy · Próg: 68 mm · Skrzydło: 100 mm
- Schéma A - Coupe verticale · Seuil: 68 mm · Vantail: 100 mm
- Schema A - Doorsnede verticaal · Doorstep: 68 mm · Sash: 100 mm
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- Schema A - Sezione verticale · Soglia: 68 mm · Anta: 100 mm
- Schema A - Verticale doorsnede · Dorpel: 68 mm · Vleugel: 100 mm

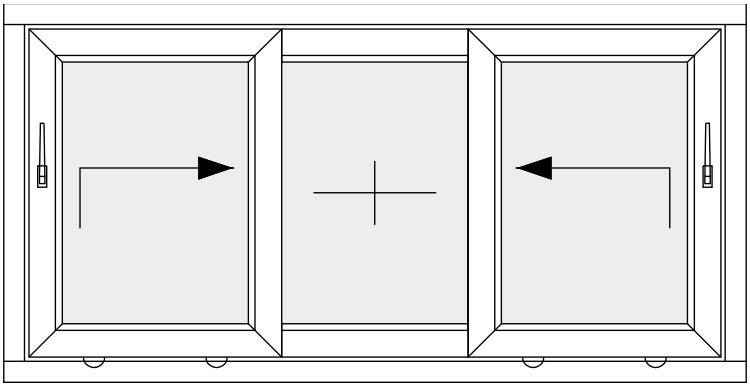




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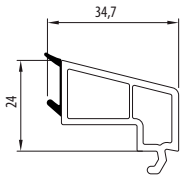
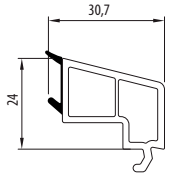
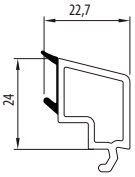
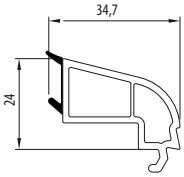
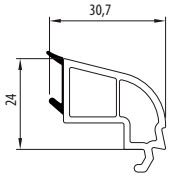
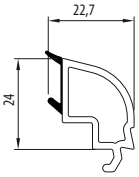


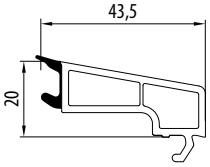
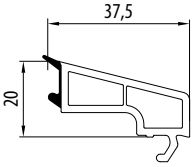
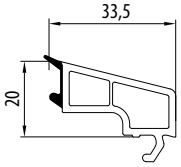
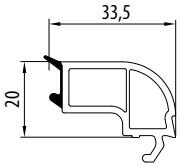
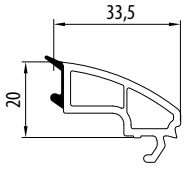
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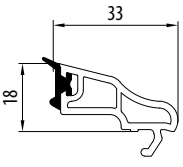
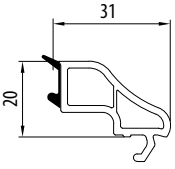


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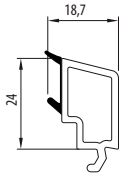
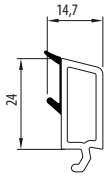
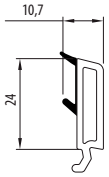
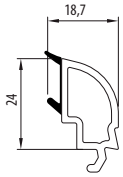
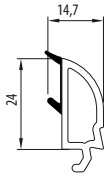
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Schema
Schema

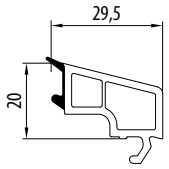
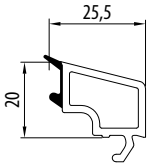
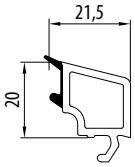
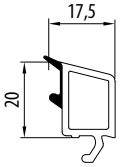
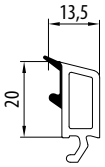
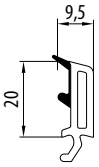
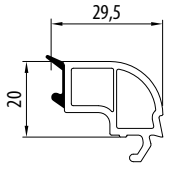
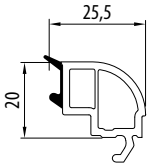
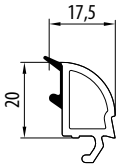
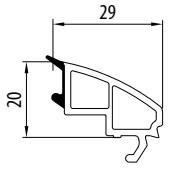
	d [mm]				
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CL	 413 313		 413 311	 413 307	
RL	 413 313		 413 311	 413 307	

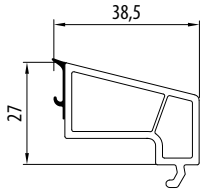
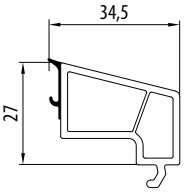
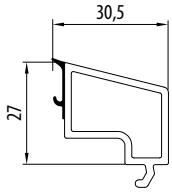
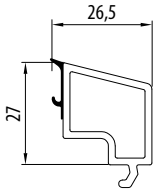
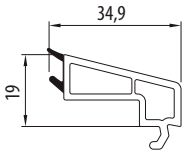
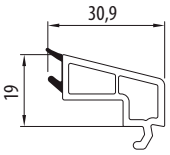
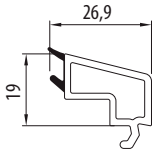
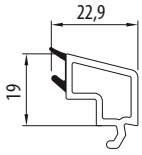
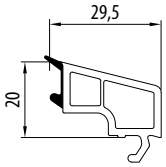
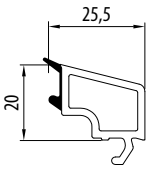
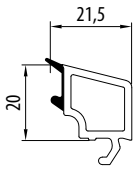
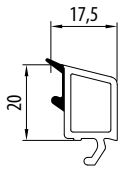
BluEvolution 92	25 - 26	27 - 28 - 29	31 - 32 - 33	35 - 36 - 37	
CL	 413 843		 413 837	 413 833	
RL				 413 730	
SL				 413 735	

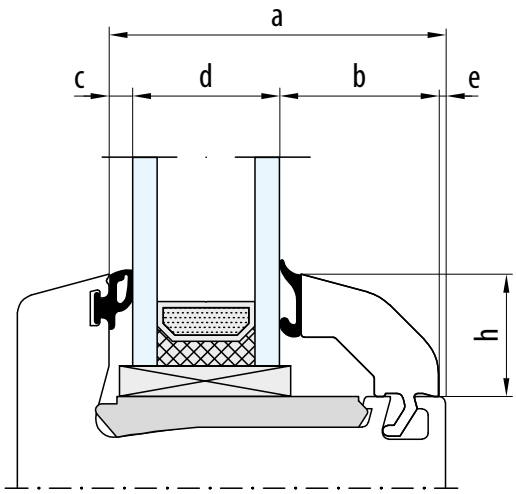
BluEvolution 92		35 - 36	37 - 38 - 39
H		 413 933	 413 932

1:2

d [mm]		
39 - 40 - 41	43 - 44 - 45	47 - 48 - 49
 413 305	 413 303	 413 301
 413 105	 413 103	

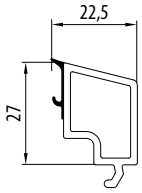
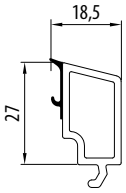
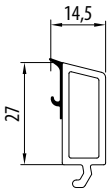
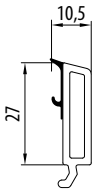
39 - 40 - 41	43 - 44 - 45	47 - 48 - 49	51 - 52 - 53	55 - 56 - 57	59 - 60 - 61
 413 829	 413 825	 413 821	 413 817	 413 813	 413 809
 413 728	 413 725		 413 717		
 413 729					

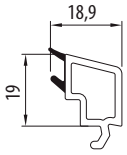
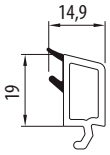
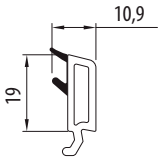
	d [mm]			
BluEvolution 82 EvolutionDrive 82	23 - 24 - 25	27 - 28 - 29	31 - 32 - 33	35 - 36 - 37
CL	 GP8240	 GP8280	 GP8320	 GP8360
EvolutionDrive Plus⁺	23 - 24 - 25	27 - 28 - 29	31 - 32 - 33	35 - 36 - 37
CL	 413 013	 413 011	 413 009	 413 007
EvolutionDrive SF	3 - 4 - 5	7 - 8 - 9	11 - 12 - 13	15 - 16 - 17
CL	 413 829	 413 825	 413 821	 413 817

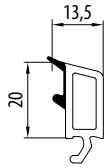
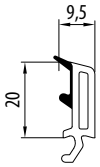


b = a - c - d - e

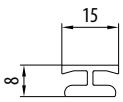
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d [mm]			
39 - 40 - 41	43 - 44 - 45	47 - 48 - 49	51 - 52 - 53
 GP8400	 GP8440	 GP8480	 GP8520

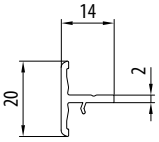
39 - 40 - 41	43 - 44 - 45	47 - 48 - 49	
 413 005	 413 003	 413 001	

19 - 20 - 21	23 - 24 - 25	
 413 813	 413 809	

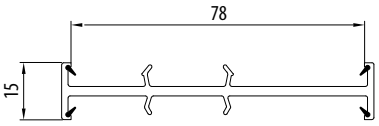
	a [mm]	c [mm]	e [mm]
GreenEvolution Flex	62	3,5	1
BluEvolution 82	66	4	0,5
BluEvolution 92	74	4	1,5
EvolutionDrive SF	40	4	1,5
EvolutionDrive Plus+	62	3,5	1
EvolutionDrive 82	67	4	0,5



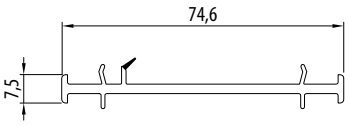
406 255



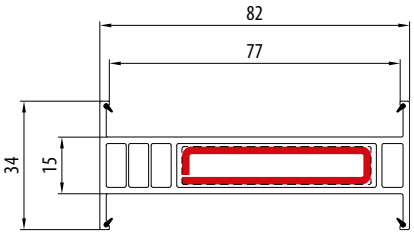
NP0190



416 260

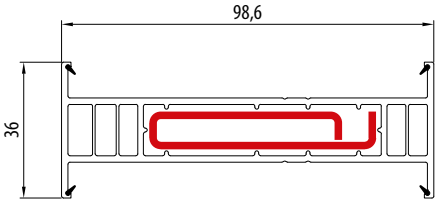


NP8110



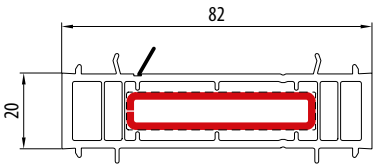
416 273

	2,0	405015-074	Ix 0,3	Iy 5,2
	10	405125-000	Ix 0,4	Iy 10,4



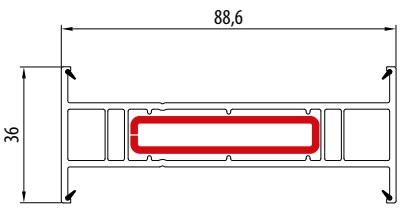
476 273

	2,0	415173-074	Ix 0,3	Iy 8,2



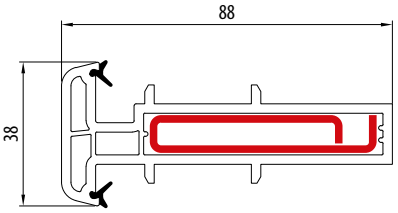
NP8120

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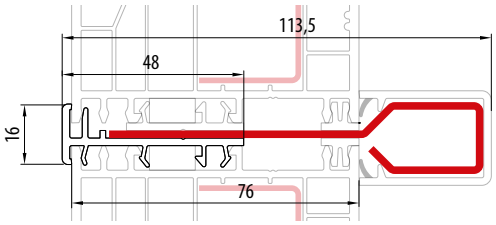
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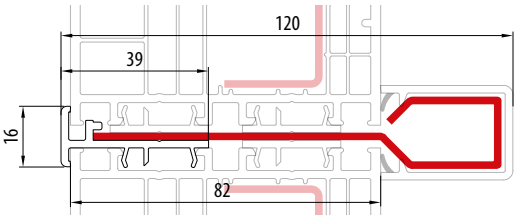
416 272

	2,0	415173-074	Ix 0,3	Iy 8,2



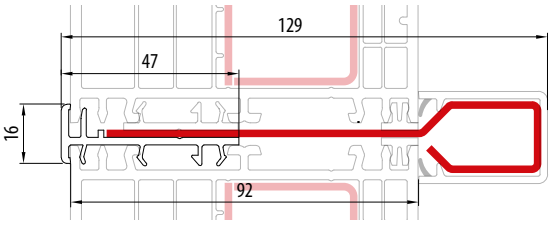
416 264

	2,0	VS0140-074	Ix 0,8	Iy 26,2



NP8140

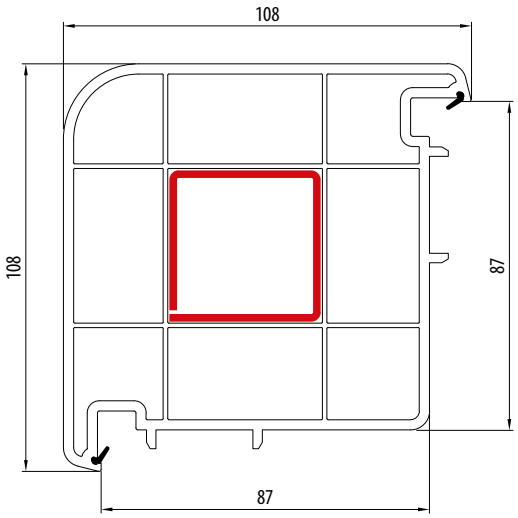
	2,0	VS8140	Ix 0,8	Iy 34,0



416 264

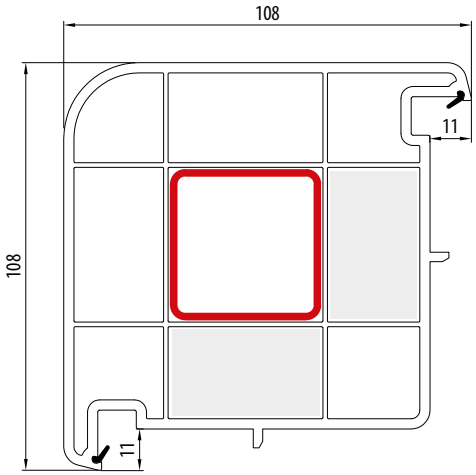
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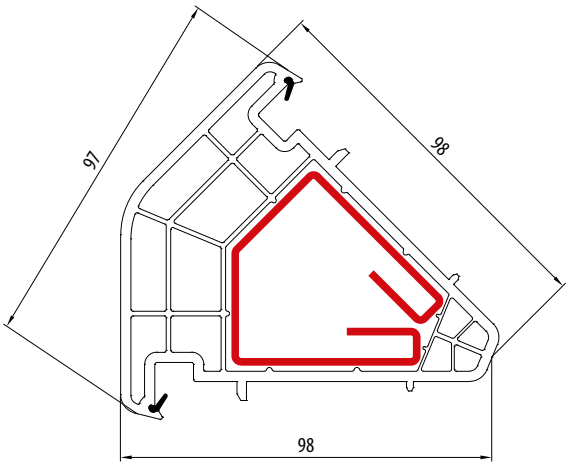
416 210

2,0 | 405060-074 | Ix 7,1 | Iy 7,1



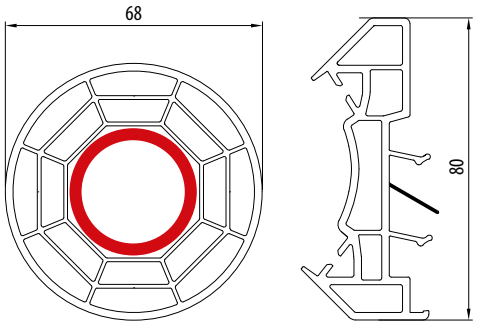
NP0100

2,0 | 415040-074 | Ix 7,1 | Iy 7,1



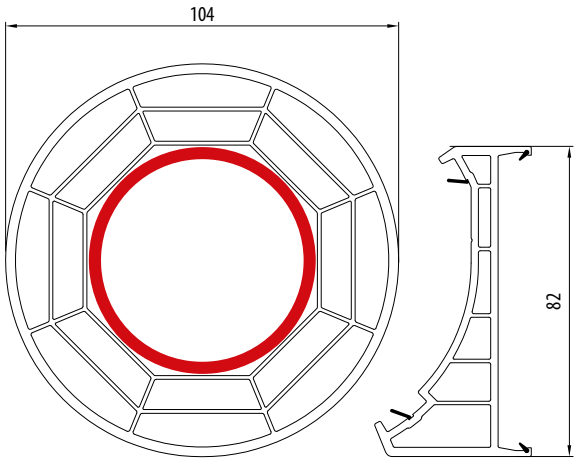
416 240

2,0 | 415140 | Ix 10,2 | Iy 12,9



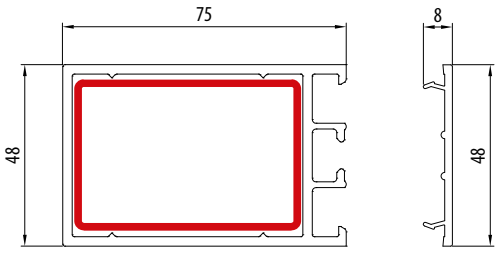
NP0160 | 416 251

3,2 | 415016 | Ix 3,6 | Iy 3,6



NP8160 | NP8150

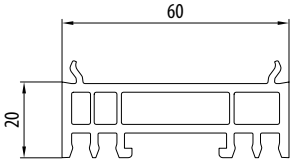
3,0 | VS8160 | Ix 21,8 | Iy 21,8



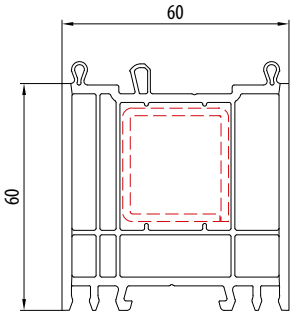
416 269 | 416 311

2,0 | AR4630 | Ix 18,5 | Iy 9,8

1:2

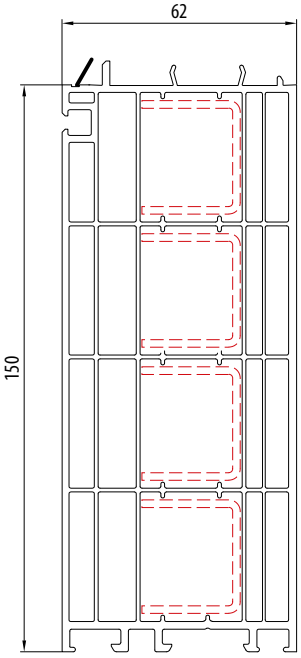


416 157



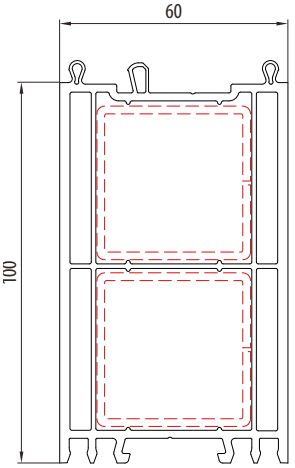
416 168

–	0,0	–	Ix 0,0	Iy 0,0
	1,5	415028-073	Ix 1,9	Iy 2,1



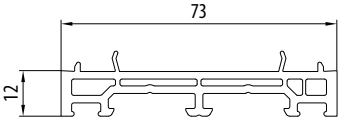
NP8280

–	0,0	–	Ix 0,0	Iy 0,0
	2,0	VS8020-074 x 4	Ix 9,0	Iy 4,2

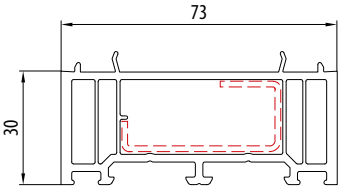


406 177

–	0,0	–	Ix 0,0	Iy 0,0
	2,0	405060-074 x 2	Ix 14,4	Iy 14,2

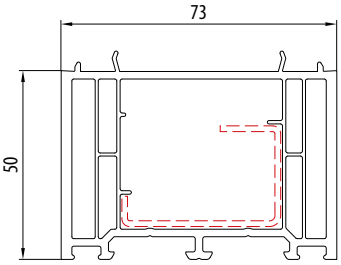


NP1120



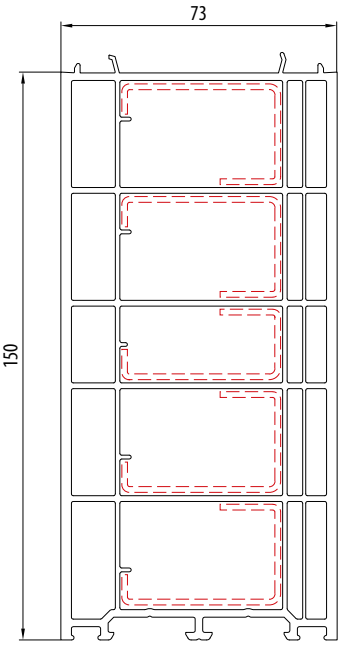
NP1350

–	0,0	–	Ix 0,0	Iy 0,0
	1,5	VS1010-073	Ix 0,5	Iy 2,3



NP1550

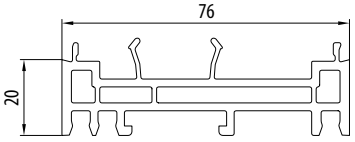
–	0,0	–	Ix 0,0	Iy 0,0
	1,5	VS1020-073	Ix 1,3	Iy 2,6



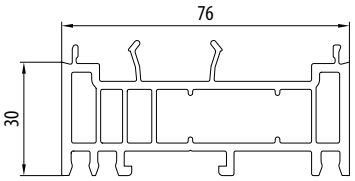
NP3300

–	0,0	–	Ix 0,0	Iy 0,0
	1,5 1,5	VS1020-073 x 4 + VS1010-073	Ix 5,8	Iy 12,7

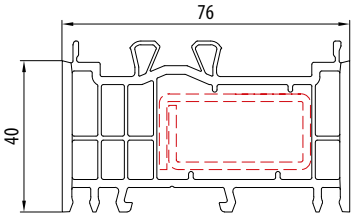
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416 160

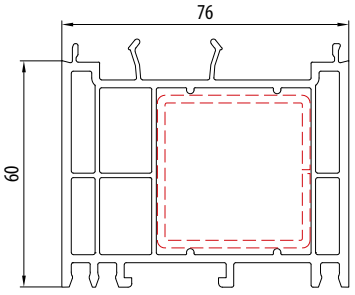


416 163



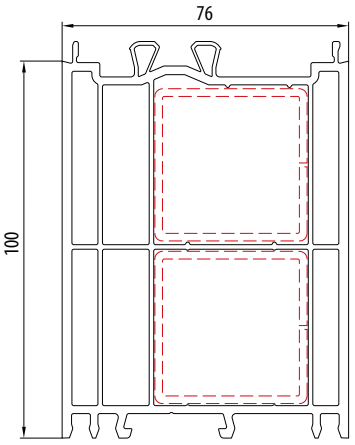
416 167

–	0,0	–	Ix 0,0	Iy 0,0
	2,0	415020	Ix 1,4	Iy 4,9



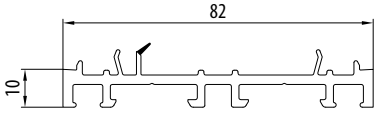
416 170

–	0,0	–	Ix 0,0	Iy 0,0
	2,0	405060-074	Ix 7,2	Iy 71

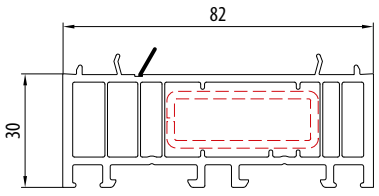


416 177

–	0,0	–	Ix 0,0	Iy 0,0
	2,0	405060-074 x 2	Ix 14,4	Iy 14,2

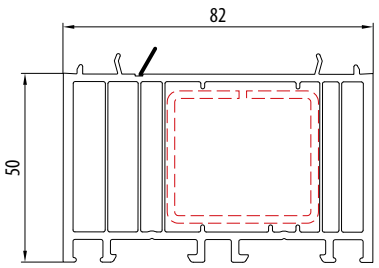


NP8200



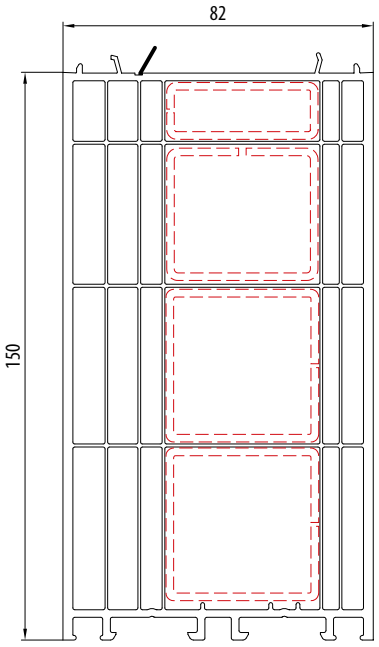
NP8300

–	0,0	–	Ix 0,0	Iy 0,0
	2,0	VS4020-074	Ix 0,7	Iy 3,4



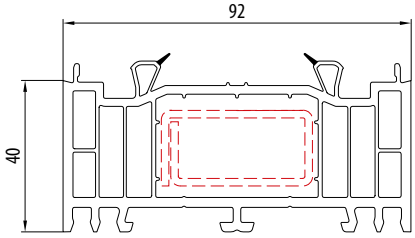
NP8500

–	0,0	–	Ix 0,0	Iy 0,0
	1,5	VS3030	Ix 3,9	Iy 4,9



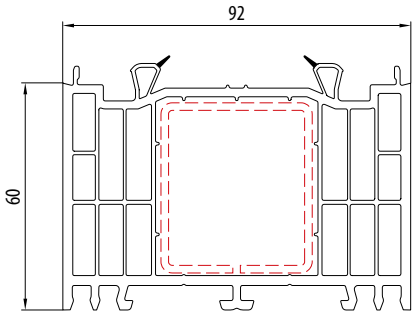
NP8700

–	0,0	–	Ix 0,0	Iy 0,0
	1,5 1,5 2,0	VS4020 + VS3030 + 415040 x 2	Ix 20,0	Iy 21,5



476 164

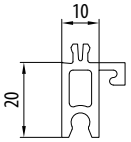
–	0,0	–	Ix 0,0	Iy 0,0
	2,0	415020	Ix 1,4	Iy 4,9



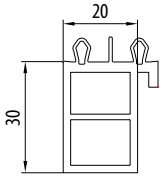
476 170

–	0,0	–	Ix 0,0	Iy 0,0
	2,0	215130	Ix 7,7	Iy 9,1

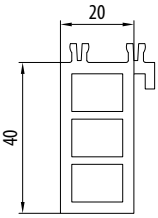
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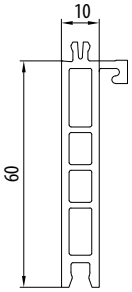
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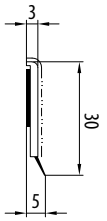
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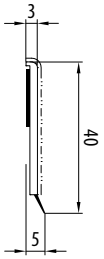
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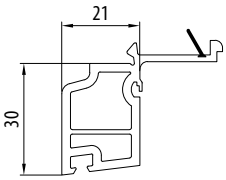
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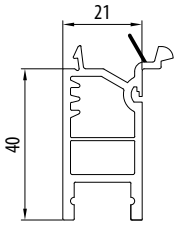
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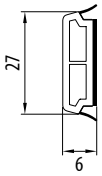
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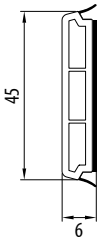
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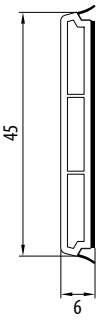
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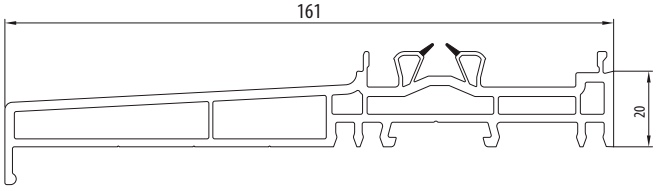
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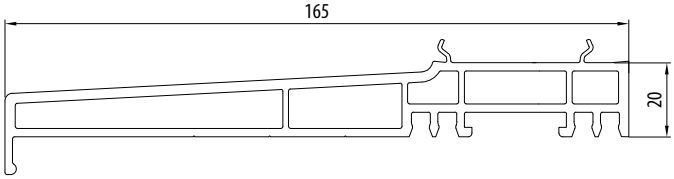
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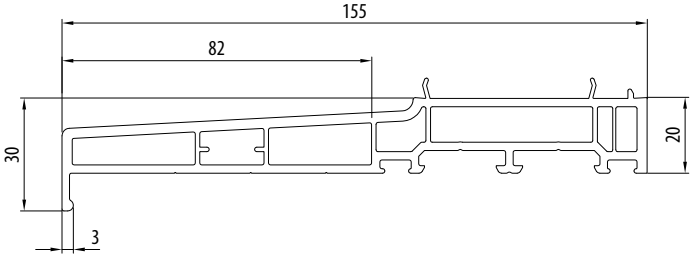
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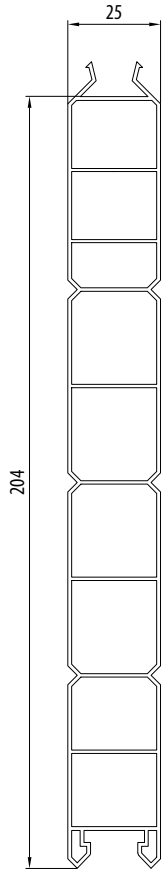
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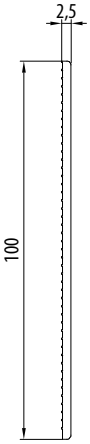
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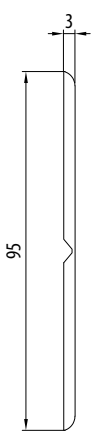
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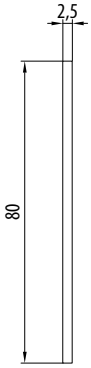
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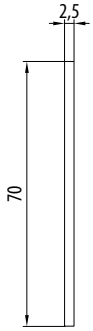
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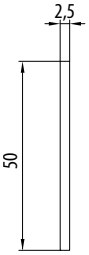
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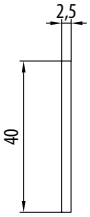
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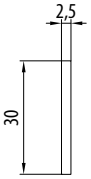
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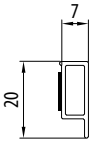
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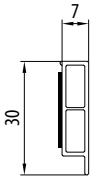
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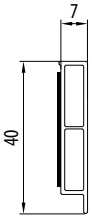
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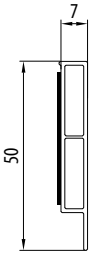
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640736



640746

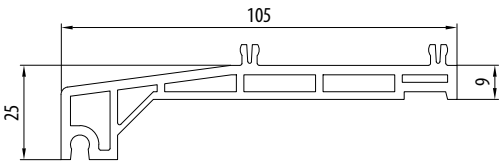


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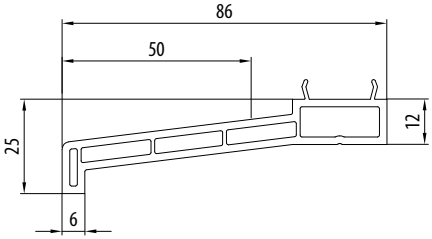


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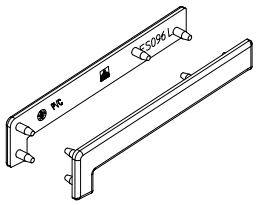
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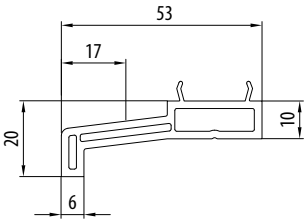
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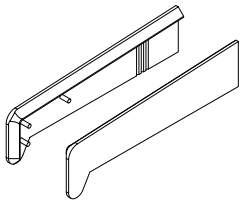
NP0960



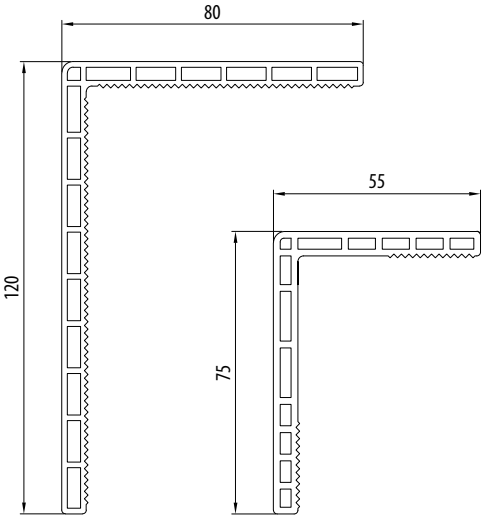
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NP0770

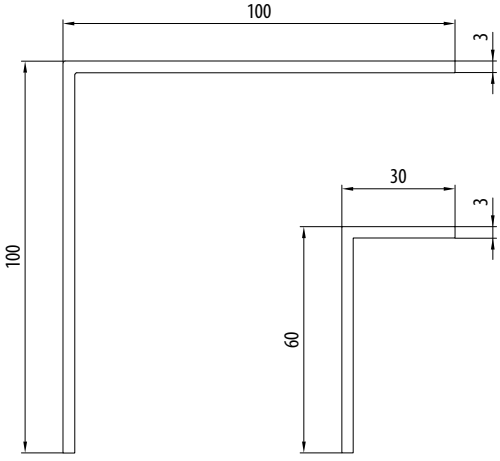


417 115



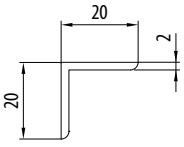
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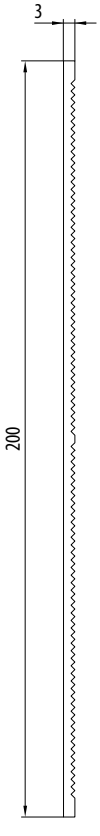


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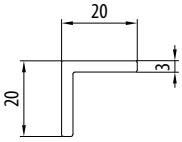
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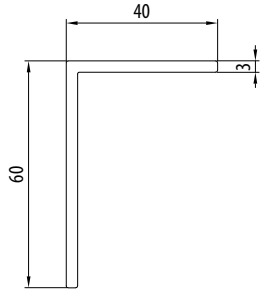
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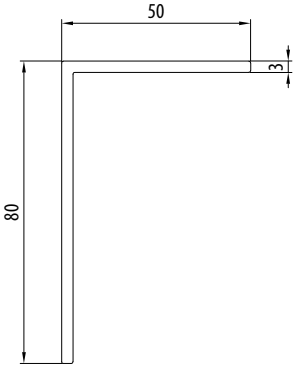
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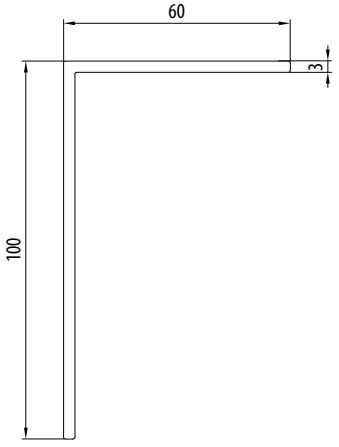
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73060040



73080050



73100060

1:2

MENU

MENU

GEALAN

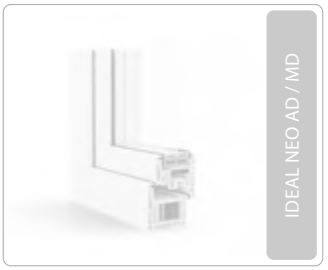
INNOVATION MIT SYSTEM


IDEAL 4000


ENERGETO 8000


EASYSLIDE


IDEAL 4000 NEW


IDEAL NEO AD / MD


MULTISLIDE


IDELA 5000


ENERGETO NEO


SMARTSLIDE


IDEAL 7000 NEW


MONOBLOCK


HST 85


IDEAL 7000 NL


NORDLINE


IDEAL 8000


IDEAL 70 /4000
CASEMANT

ALUPLAST

SALAMANDER



EVOLUTIONDRIVE 82



EVOLUTIONDRIVE PLUS+



EVOLUTIONDRIVE SF



BLUEVOLUTION 92



BLUEVOLUTION 82



GREENEVOLUTION FLEX

GEALAN



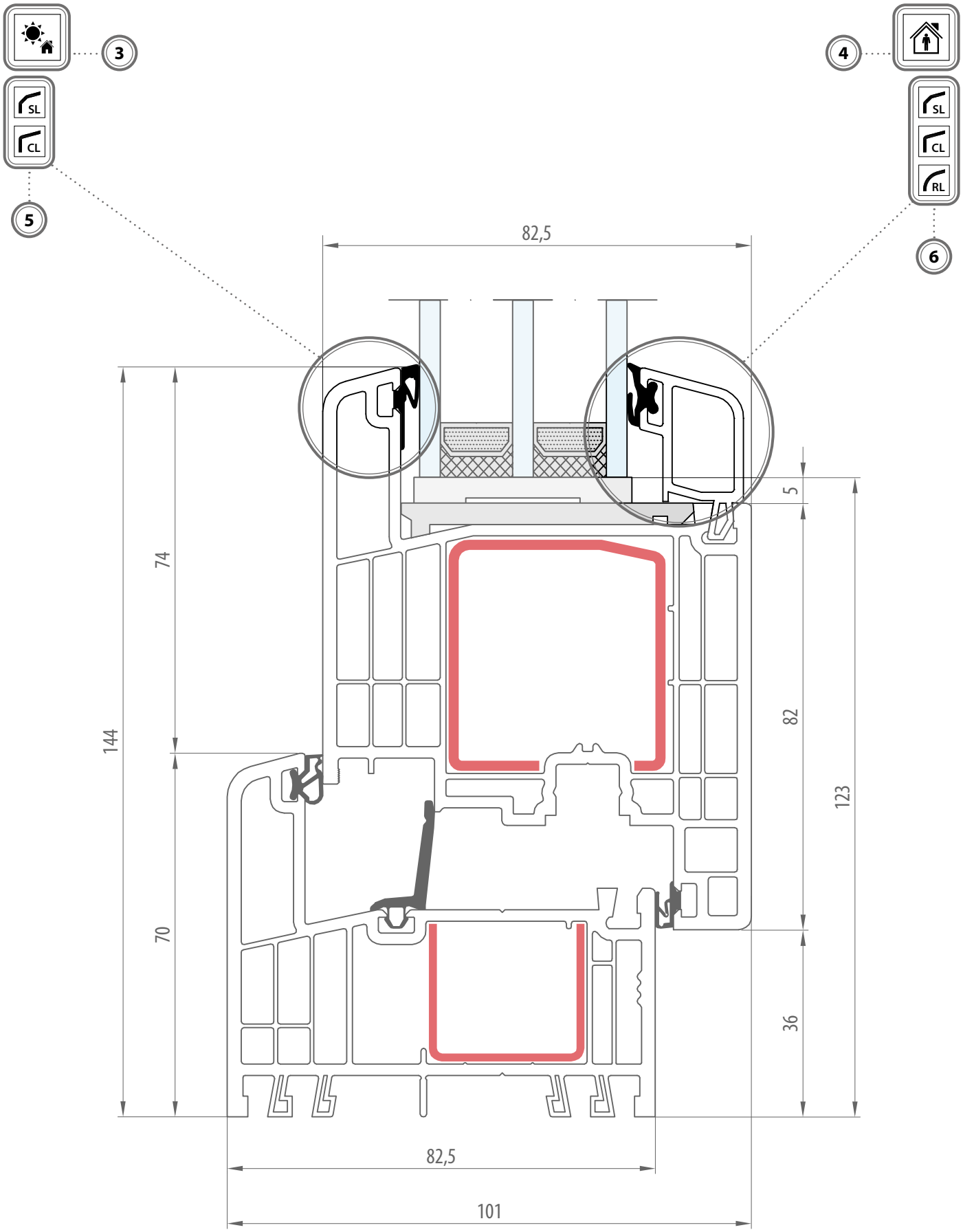
GEALAN HST



SYSTEM



GEALAN S8000



- Rama: 65 mm · Skrzydło: 77 mm
- Dormant: 65 mm · Vantail: 77 mm
- Frame: 65 mm · Sash: 77 mm
- Rahmen: 65 mm · Flügel: 77 mm
- Telaio: 65 mm · Anta: 77 mm
- Kozijn: 65 mm · Vleugel: 77 mm

Opis oznaczeń · Description des marquages · Descriptions of markings
Beschreibung · Descrizione delle marcature · Beschrijving van markeringen

1
- Nazwa systemu
- Nom du système
- Name of a system
- System
- Nome del sistema
- Systeem naam

2
- Numery profili
- Numéros de profil
- Number of profiles
- Nummern der Profile
- Numeri dei profili
- Systeem naam

3
- Strona zewnętrzna
- Face extérieure
- External side
- Aussensetie
- Parte esterna
- Buitenkant

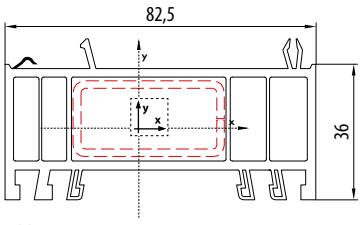
4
- Strona wewnętrzna
- Face intérieure
- Internal side
- Innenseite
- Parte interna
- Binnenkant

5
- Wykończenie zewnętrzne skrzydła
- Finition extérieure des l'ouvrant
- Finished of an external sash
- Ausführung der Innenseite es Flügels
- Finitura esterna dell'anta
- Buitenafwerking van de vleugel

6
- Wykończenie listwy przyszybowej
- Finition de la parclose
- Finished of a glazing bead
- Ausführung der Glasleiste
- Finitura del fermavetro
- Afwerking van glaslatten

7
- Opis rysunku - szerokość profili
- Description du dessin
- Description of a drawing
- Beschreibung der Zeichnung
- Descrizione del disegno
- Tekening beschrijving - profielbreedte

8
- Miejsce i skala przekroju
- Endroit et échelle de la coupe
- Place and scale of the cross-section
- Stelle und Skala des Querschnitts
- Luogo e scala della sezione
- Plaats en schaal van de doorsnede



12345

–	0,0	–	Ix 0,0	Iy 0,0
	2,0	12345	Ix 1,4	Iy 4,1
Wzmocnienie	Grubość	Kod	Moment bezwładności [cm⁴]	
Renforcement	Épaisseur	Code	Moment d'inertie [cm⁴]	
Reinforcement	Thickness	Code	Moment of inertia [cm⁴]	
Verstärkung	Stärke	Code	Flächenträgheitsmoment [cm⁴]	
Rinforzo	Spessore	Codice	Momento di inerzia [cm⁴]	
Versterking	Dikte	Code	Traagheidsmoment [cm⁴]	

Przedstawiono wzmocnienia standardowe dla konstrukcji w kolorze białym o wymiarach referencyjnych.

Les renforts standard pour une structure de couleur blanche de dimension de référence ont été présentés.

Standard reinforcements for white constructions with reference dimensions are presented

Es wurden standard Verstärkungen bei weißen Elementen mit Referenzmassen dargestellt

Sono stati presentati i rinforzi standard delle costruzioni di colore bianco con dimensioni di riferimento.

Standaard verstevigingen worden gepresenteerd voor de constructie in het wit met referentiematen

Opis oznaczeń · Description des marquages · Descriptions of markings
Beschreibung · Descrizione delle marcature · Beschrijving van markeringen



- Ilość komór
- Nombre de chambres
- Number of chambers
- Anzahl Kammern
- Quantita' di camere
- Aantal kamers



- Ilość uszczelek
- Nombre de joitns
- Number of gaskets
- Anzahl Dichtungen
- Quantita' delle guarnizioni
- Aantal afdichtingen



- Głębokość zabudowy
- Profondeur de construction
- Installation depth
- Bautiefe
- Profondita' di montaggio
- Inbouwdiepte



- Max grubość wypełnienia
- Épaisseur max du vitrage
- Max filing thickness
- Maximale Stärke der Verglasung
- Massimo spessore del riempimento
- Maximale dikte van de vulling



- Strona zewnętrzna
- Face extérieure
- External side
- Aussensetie
- Parte esterna
- Buitenkant



- Strona wewnętrzna
- Face intérieure
- Internal side
- Innenseite
- Parte interna
- Binnenkant



- Rodzaj zgrzewu
- Type de soudure
- Welding type
- Art der Schweißnaht
- Tipo di saldatura
- Type van lassen



- Możliwość zamówienia profilu w klasie A
- Possibilité de commander le profilé de classe A
- It is possible to order a profile in A class
- Auch als A-Klasse-Profil erhältlich
- Possibilita' di ordinare il profilo di classe A
- Mogelijkheid om A-klasseprofiel te bestellen



- Okucie okienne
- Ferrage de fenêtre
- Window fitting
- Fenster-Beschlag
- Ferramenta di finestre
- Raambeslag



- Okucie drzwiowe
- Ferrage de porte
- Door fitting
- Tür-Beschlag
- Ferramenta di porte
- Deurbeslag



- Technologia szyby wklejanej
- Technologie de vitrage collé
- Bonded glass technology
- Glas verklebt
- Tecnologia del vetro incollato
- Technologie van gelijmd glas



- Nakładki aluminiowe
- Capotage aluminium
- Aluminium covers
- Aluschale
- Coperture in alluminio
- Aluminium afdekkingen



Qube-line



Classic-line



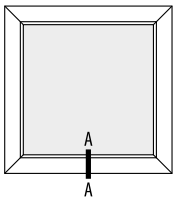
Soft-line



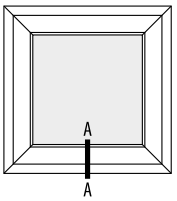
Round-line



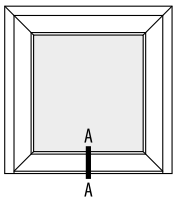
History-line



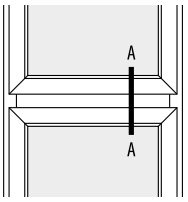
- Okno ze stałym szkleniem
- Fenêtre fixe
- Window with a fixed glazing
- Festverglasung
- Finestre fisse
- Raam met permanente beglazing



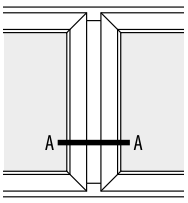
- Rama - skrzydło
- Dormant - Ouvrant
- Frame - Sash
- Rahmen - Flügel
- Telaio - Anta
- Kader - vleugel



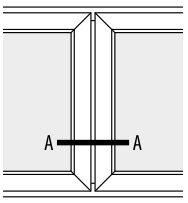
- Próg - skrzydło
- Seuil - Ouvrant
- Threshold - Sash
- Schwelle - Flügel
- Soglia - Anta
- Dorpel - vleugel



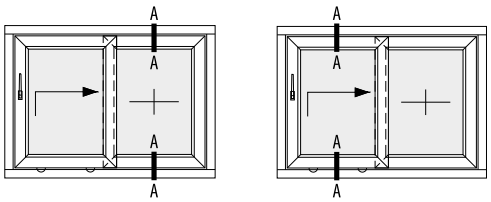
- Poprzeczka
- Traverse
- Muntin bar
- Kämpfer
- Traverso
- Tussenstijl



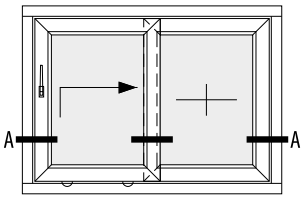
- Słupek stały
- Meneau fixe
- Fixed post
- Fester Pfosten
- Montante fisso
- Vaste stijl



- Słupek ruchomy
- Meneau mobile
- Moveable post
- Stulp
- Montante mobile
- Verplaatsbare stijl



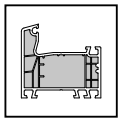
- Schemat A - przekrój pionowy
- Schéma A – coupe verticale
- Scheme A – vertical intersection
- Schema A – Senkrechter Querschnitt
- Schema A – intersezione verticale
- Schema A - verticale doorsnede



- Schemat A - przekrój poziomy
- Schéma A - coupe horizontale
- Scheme A – horizontal intersection
- Schema A – Waagerechter Querschnitt
- Schema A – intersezione orizzontale
- Schema A - horizontale doorsnede

S 8000

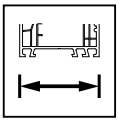




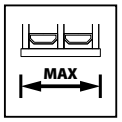
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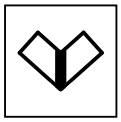
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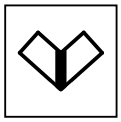


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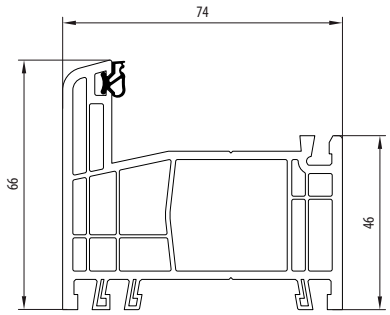


48

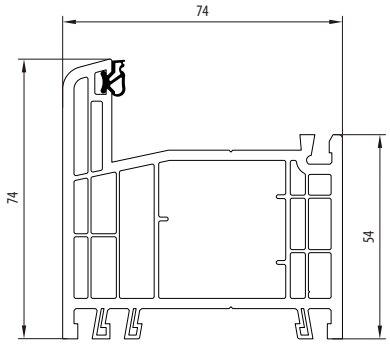




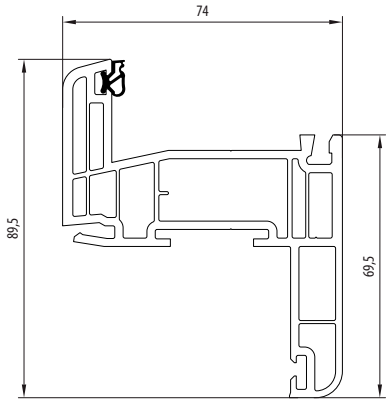




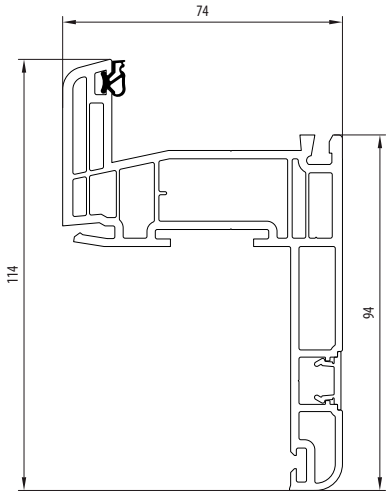
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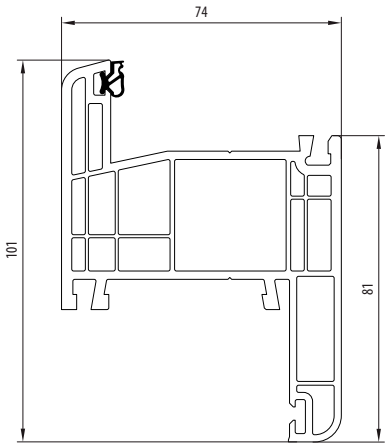
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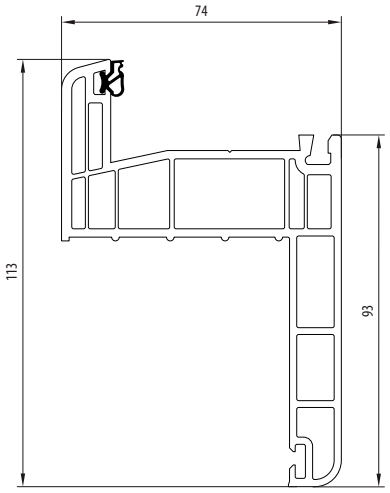
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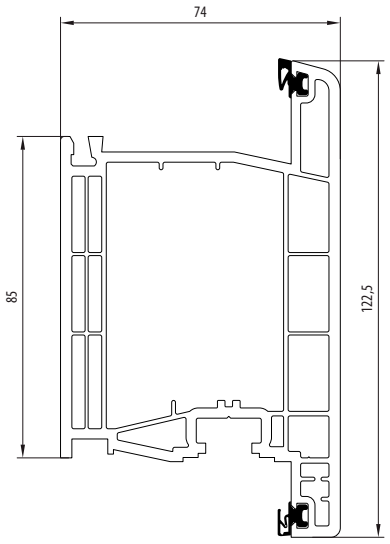
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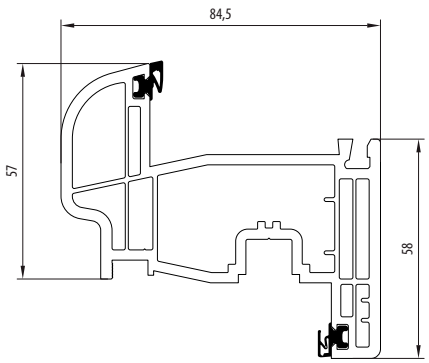
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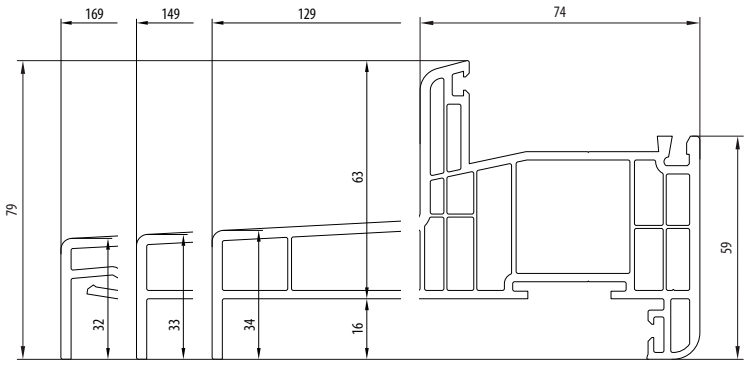
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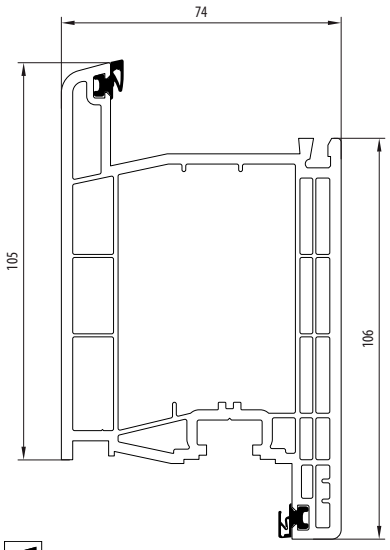


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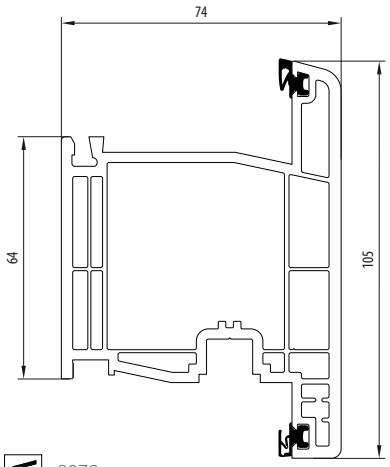


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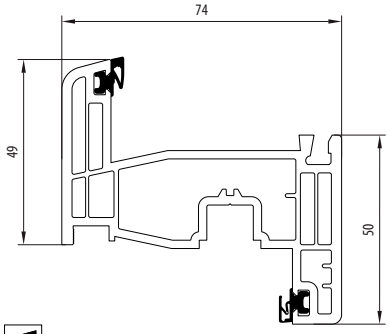
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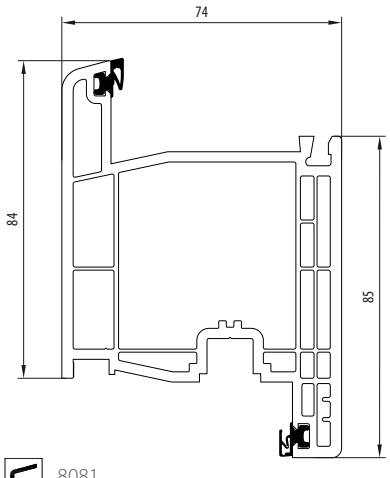
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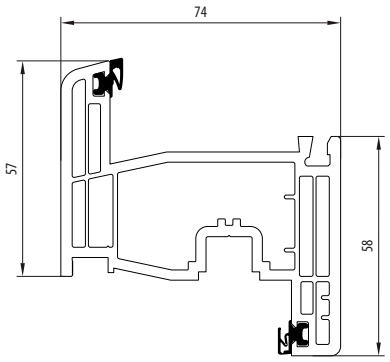
CL 8078



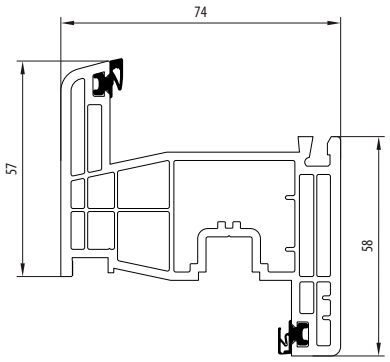
CL 8079



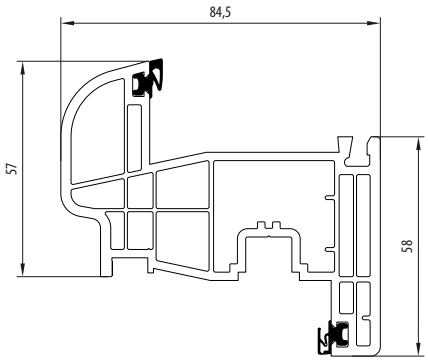
CL 8081



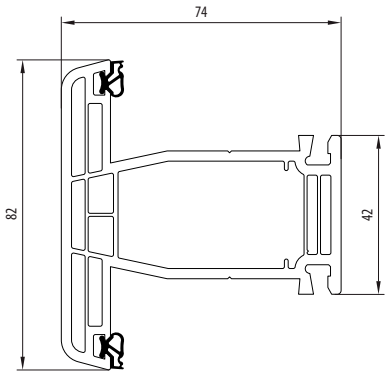
CL 8092



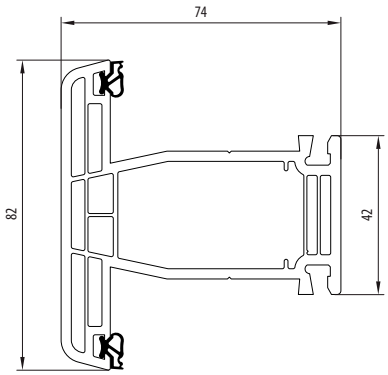
CL 8095



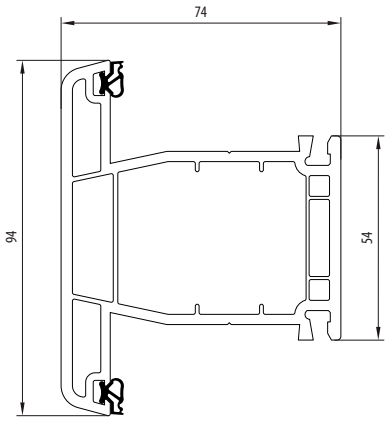
CL 8096



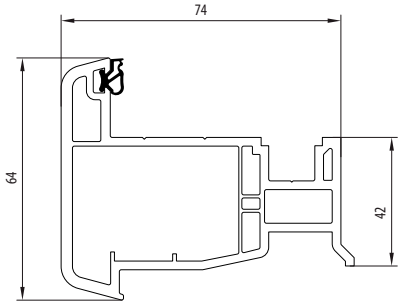
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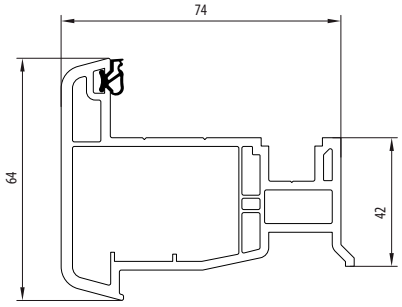
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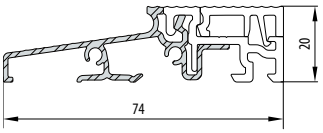
CL 8040



CL 8080

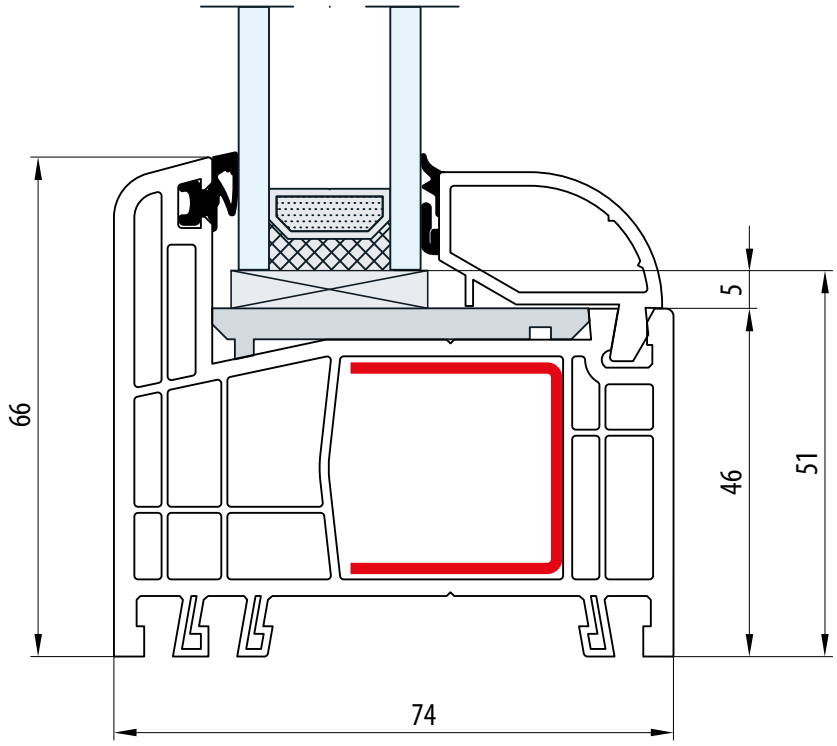


CL 8304

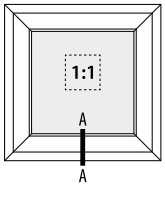


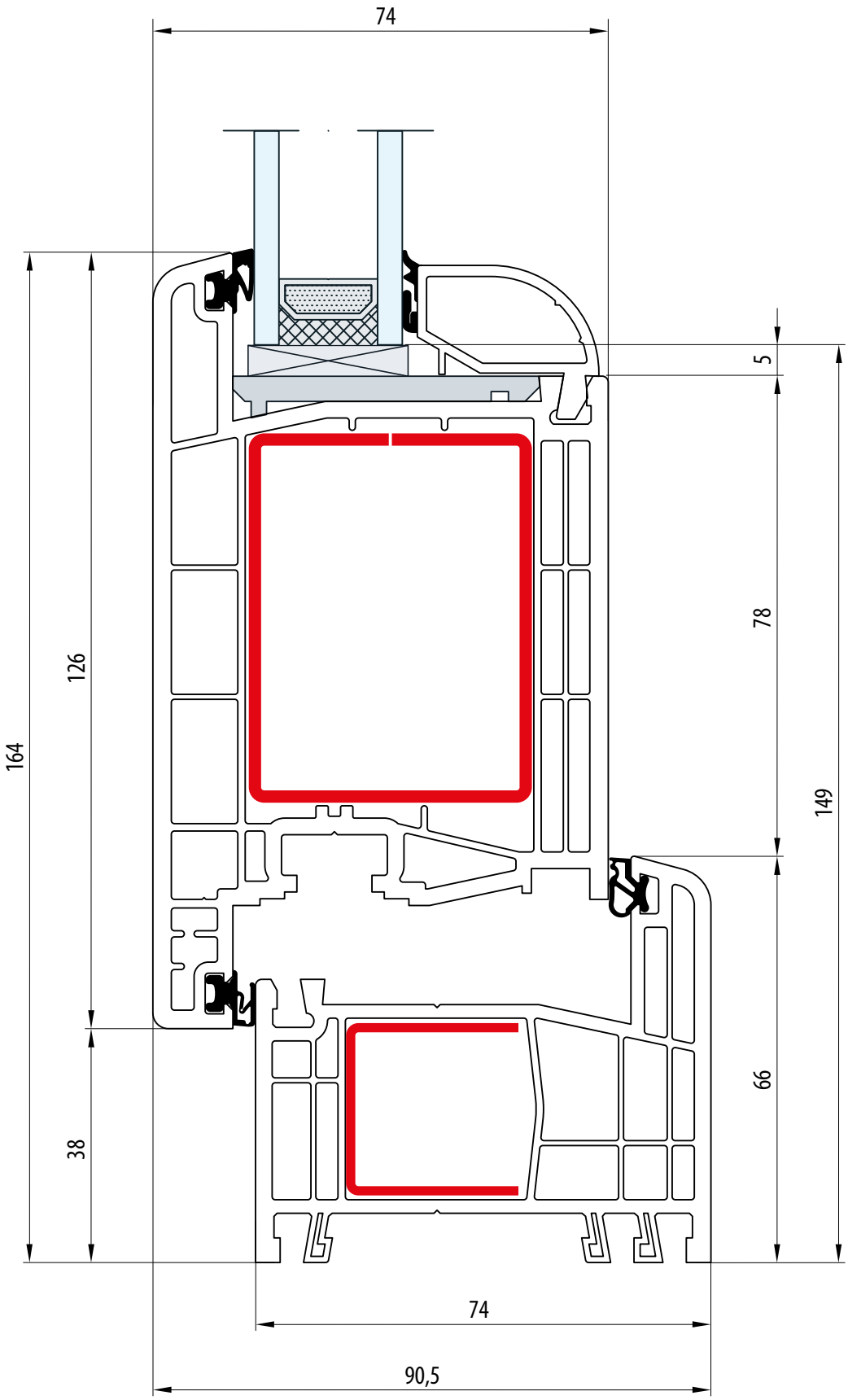
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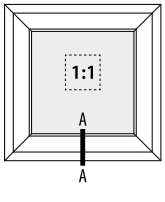


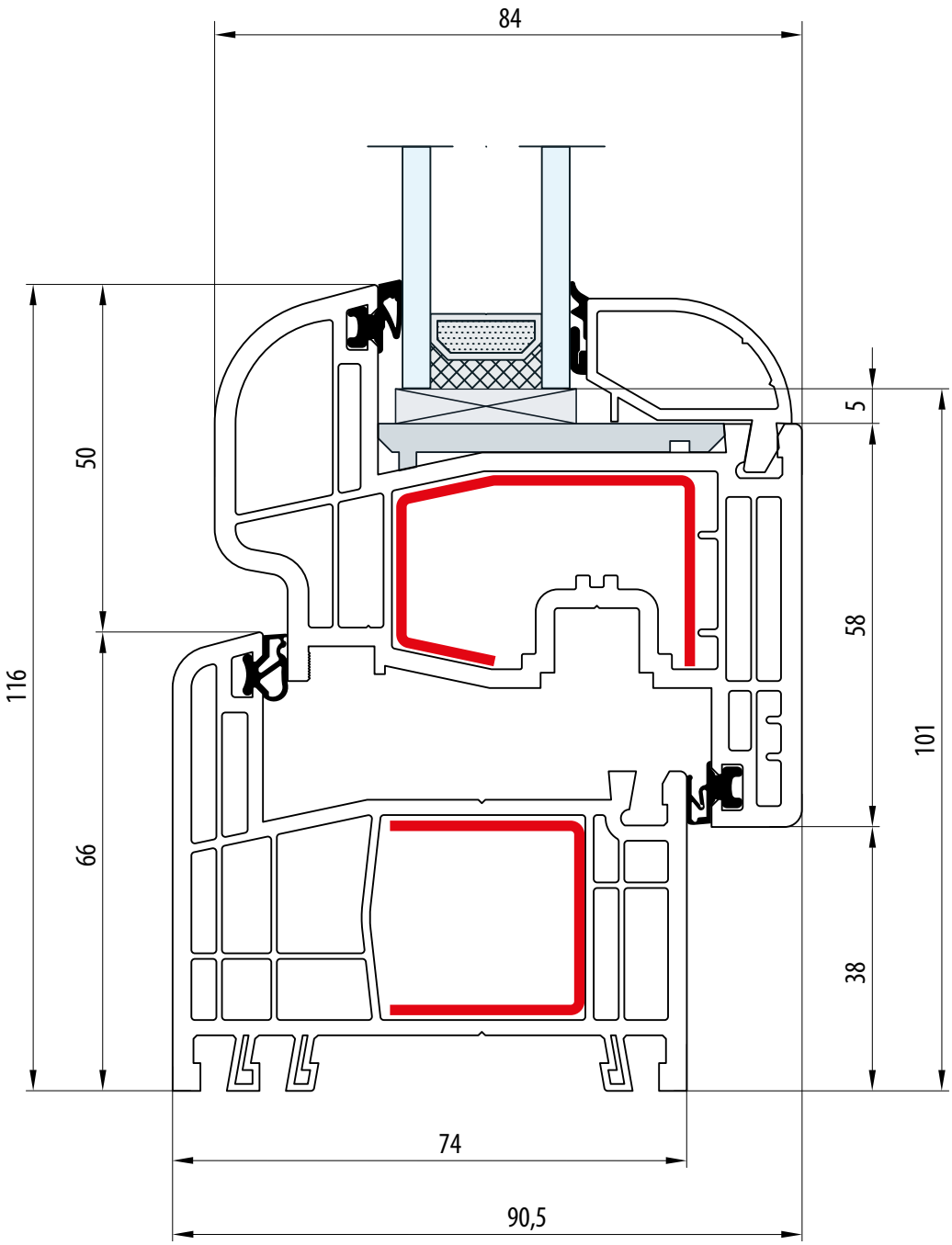
- Rama: 66 mm
- Dormant: 66 mm
- Frame: 66 mm
- Rahmen: 66 mm
- Telaio: 66 mm
- Kozijn: 66 mm



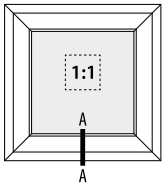


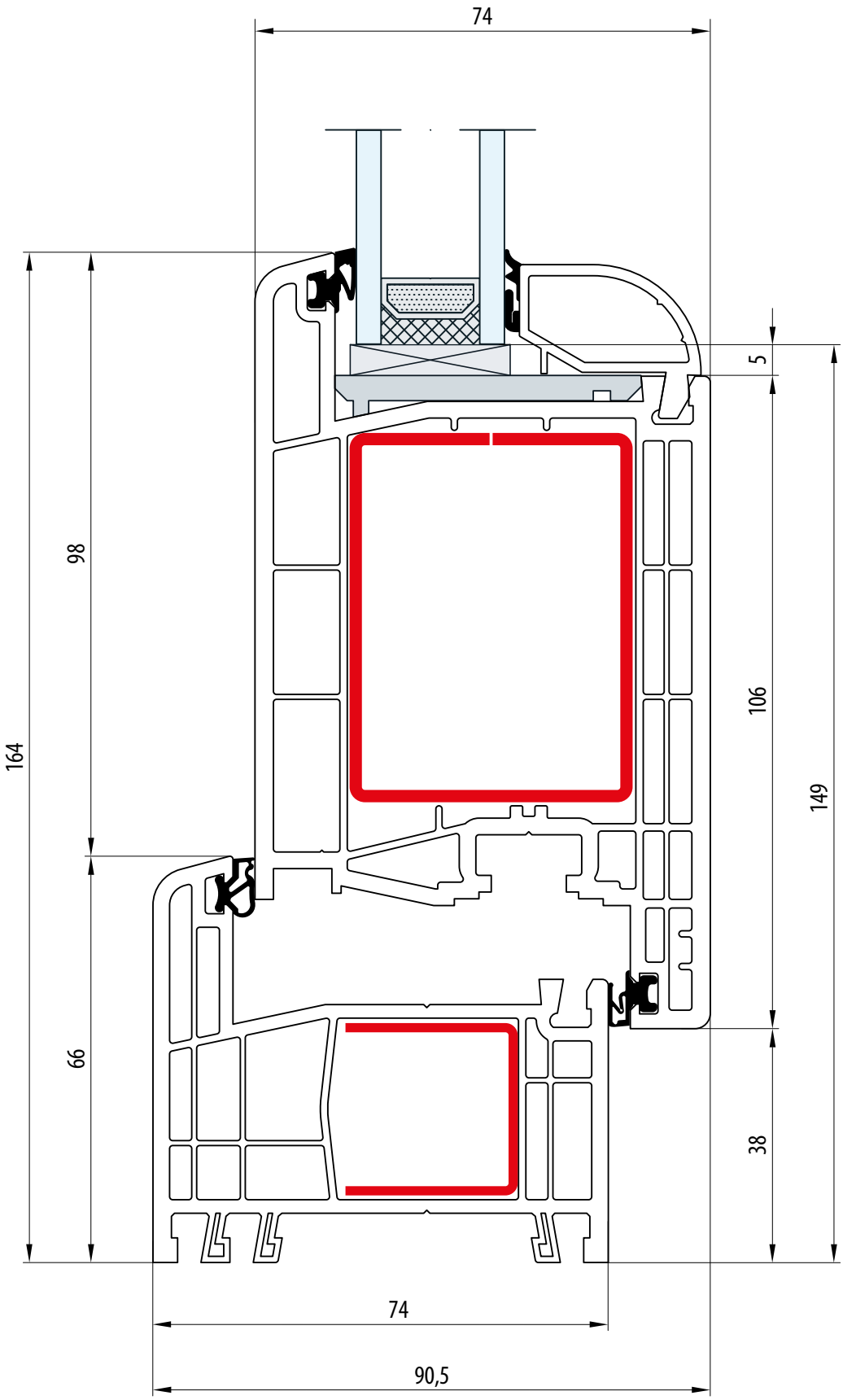
- Rama: 66 mm · Skrzydło: 126 mm
- Dormant: 66 mm · Vantail: 126 mm
- Frame: 66 mm · Sash: 126 mm
- Rahmen: 66 mm · Flügel: 126 mm
- Telaio: 66 mm · Anta: 126 mm
- Kozijn: 66 mm · Vleugel: 126 mm



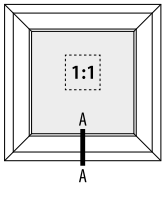


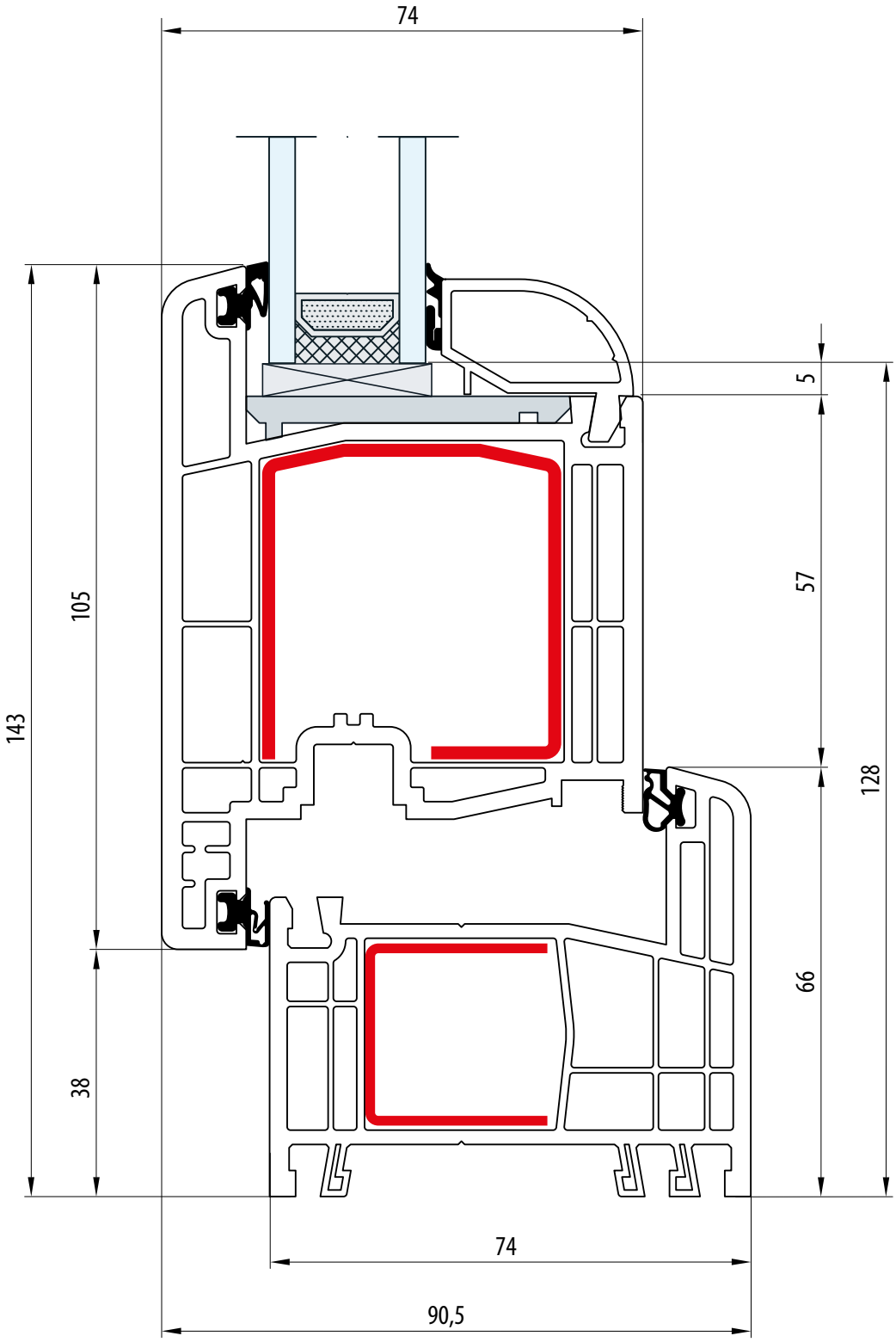
- Rama: 66 mm · Skrzydło: 78 mm
- Dormant: 66 mm · Vantail: 78 mm
- Frame: 66 mm · Sash: 78 mm
- Rahmen: 66 mm · Flügel: 78 mm
- Telaio: 66 mm · Anta: 78 mm
- Kozijn: 66 mm · Vleugel: 78 mm



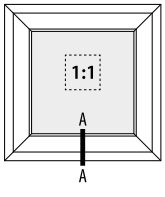


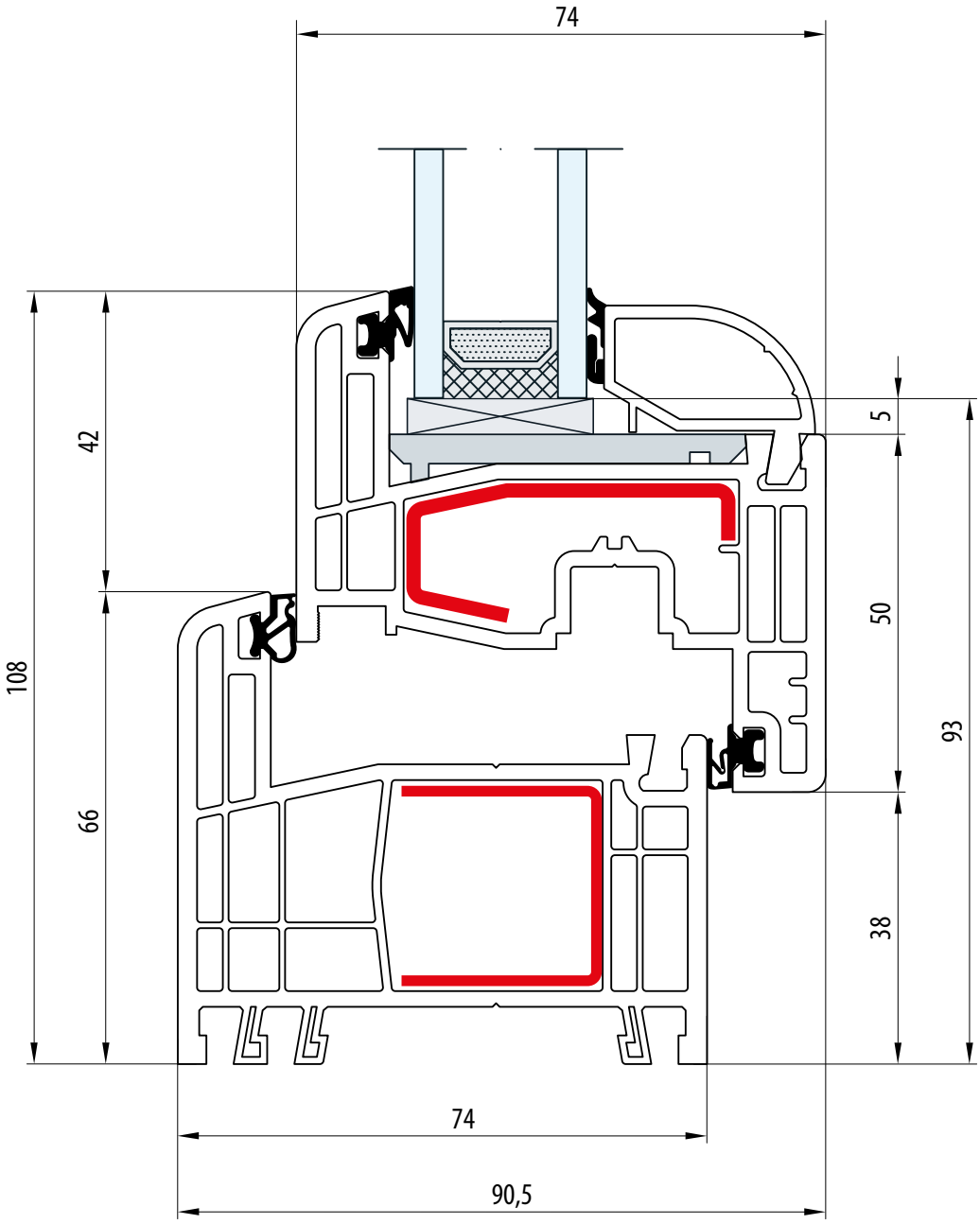
- Rama: 66 mm · Skrzydło: 126 mm
- Dormant: 66 mm · Vantail: 126 mm
- Frame: 66 mm · Sash: 126 mm
- Rahmen: 66 mm · Flügel: 126 mm
- Telaio: 66 mm · Anta: 126 mm
- Kozijn: 66 mm · Vleugel: 126 mm



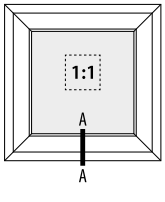


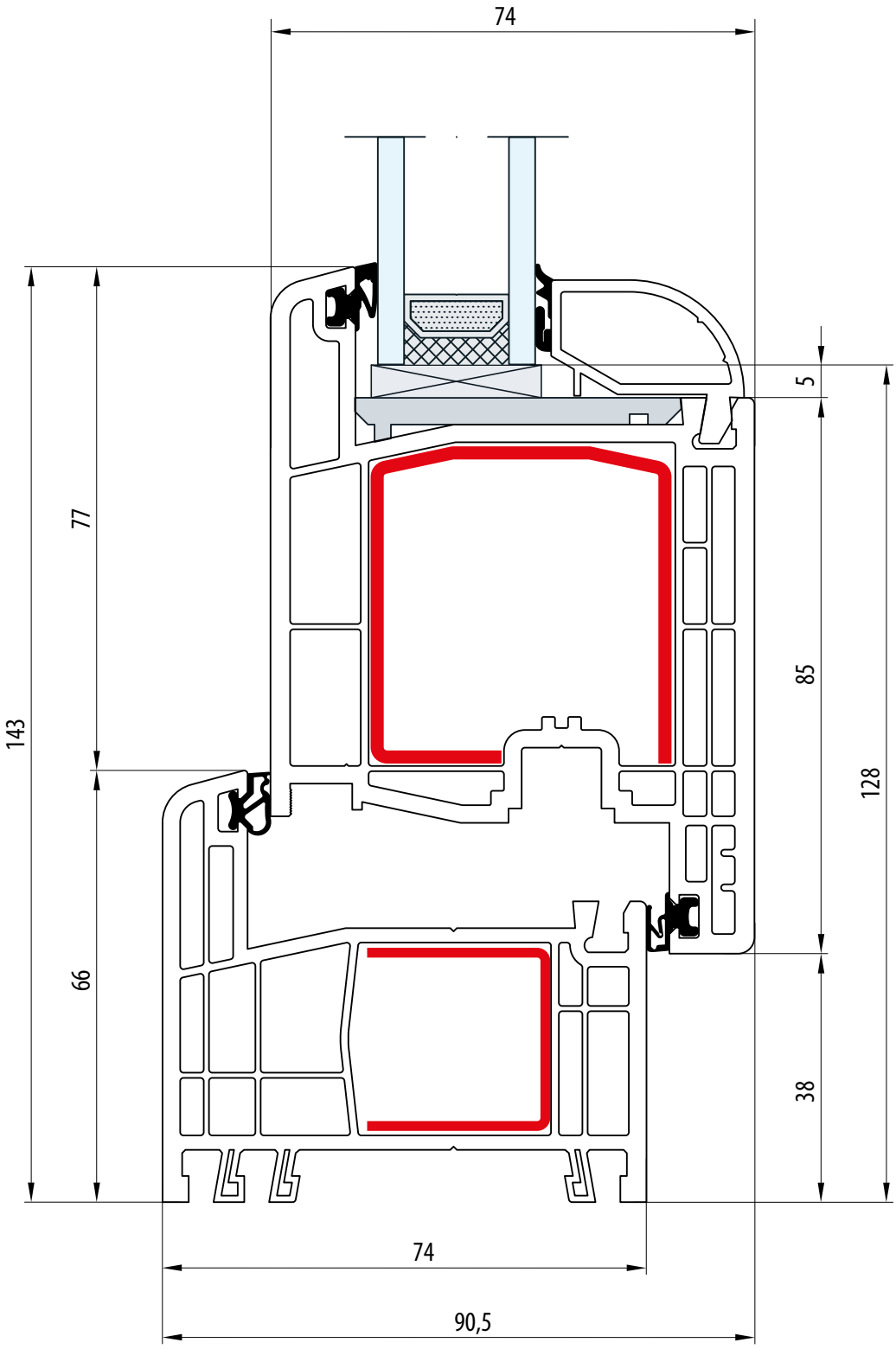
Rama: 66 mm · Skrzydło: 105 mm
Dormant: 66 mm · Vantail: 105 mm
Frame: 66 mm · Sash: 105 mm
Rahmen: 66 mm · Flügel: 105 mm
Telaio: 66 mm · Anta: 105 mm
Kozijn: 66 mm · Vleugel: 105 mm



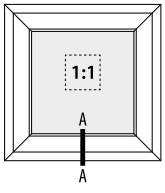


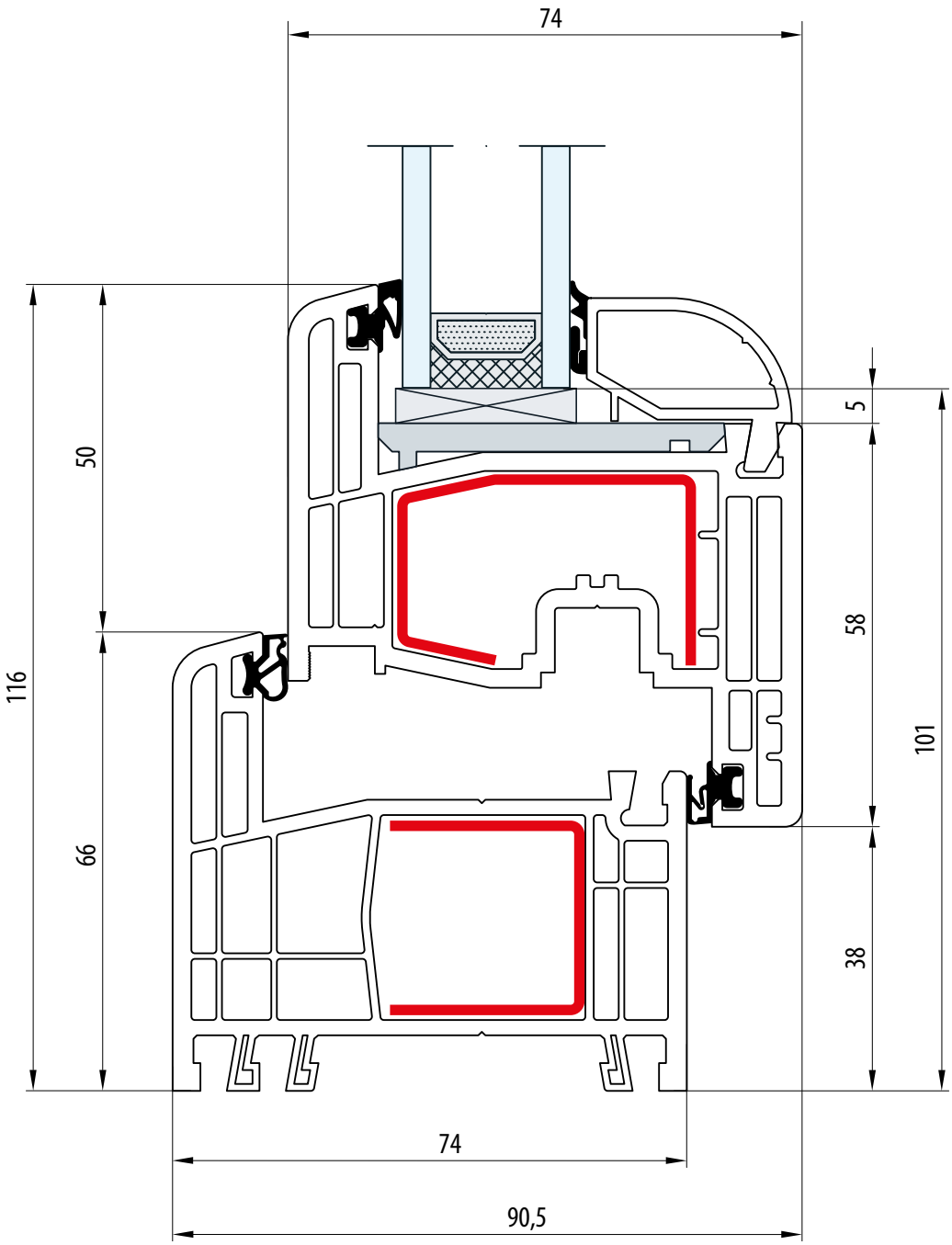
- Rama: 66 mm · Skrzydło: 70 mm
- Dormant: 66 mm · Vantail: 70 mm
- Frame: 66 mm · Sash: 70 mm
- Rahmen: 66 mm · Flügel: 70 mm
- Telaio: 66 mm · Anta: 70 mm
- Kozijn: 66 mm · Vleugel: 70 mm



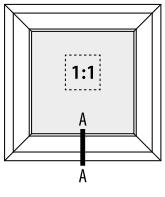


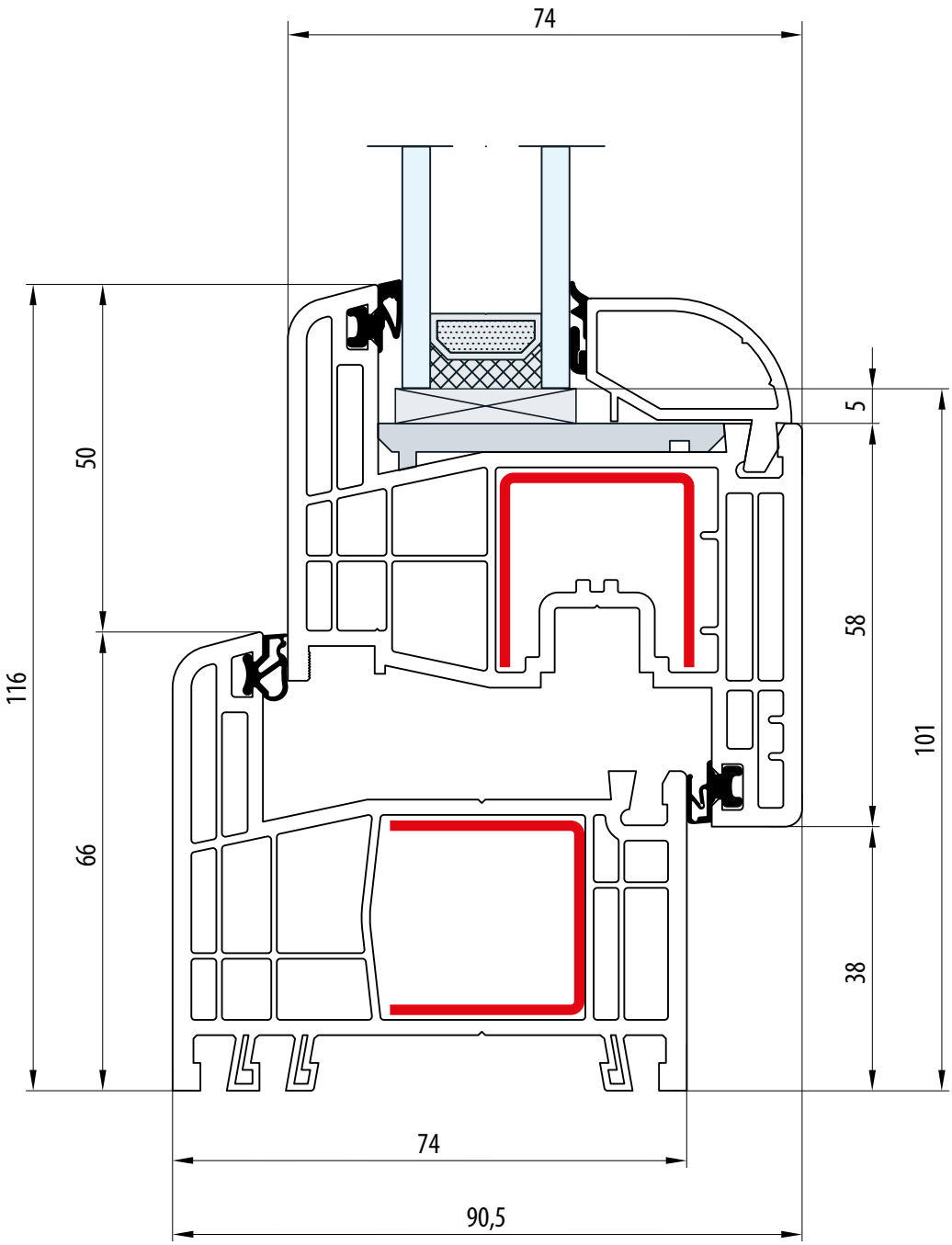
- Rama: 66 mm · Skrzydło: 105 mm
- Dormant: 66 mm · Vantail: 105 mm
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- Rahmen: 66 mm · Flügel: 105 mm
- Telaio: 66 mm · Anta: 105 mm
- Kozijn: 66 mm · Vleugel: 105 mm



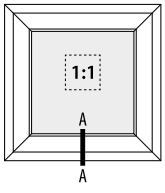


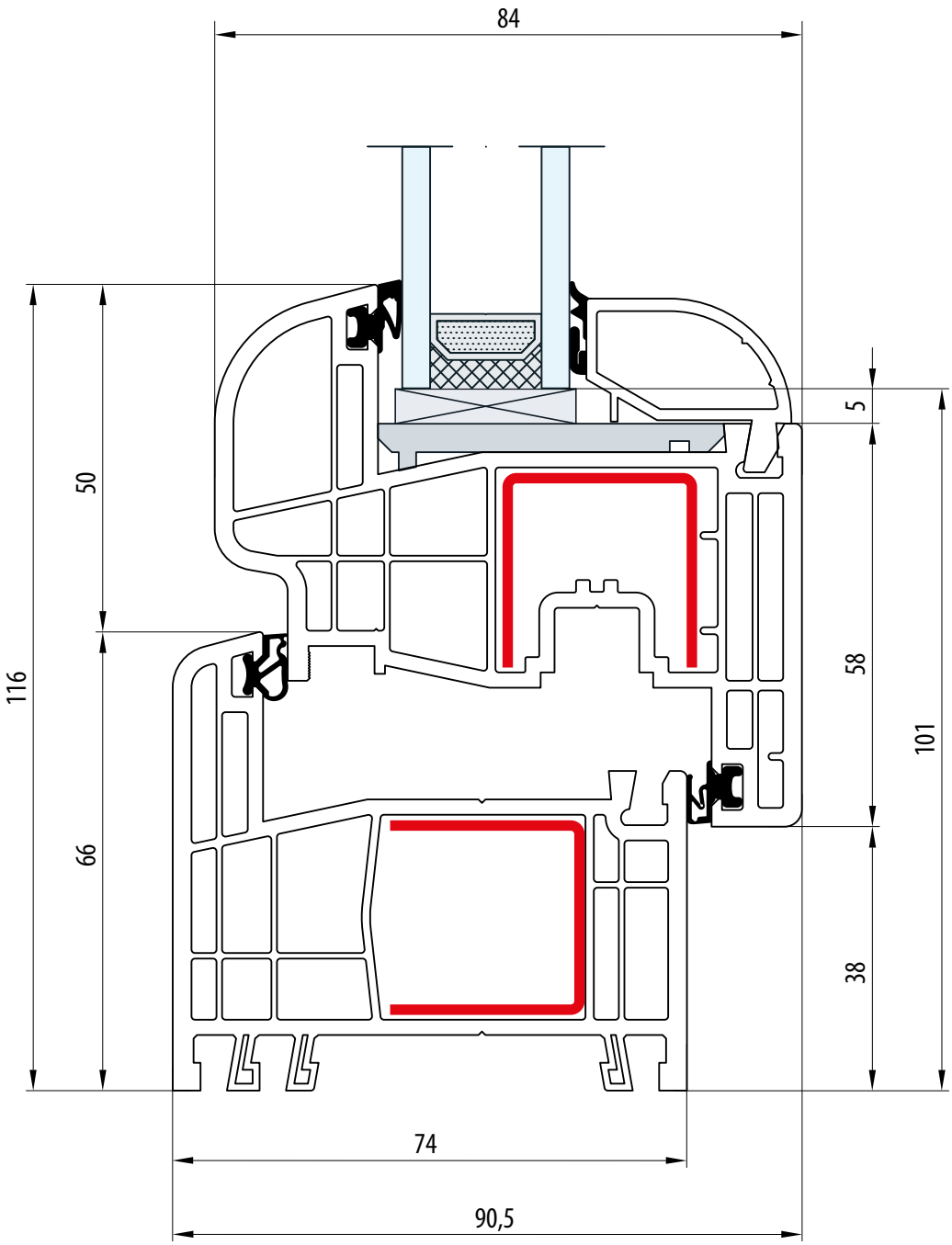
- Rama: 66 mm · Skrzydło: 78 mm
- Dormant: 66 mm · Vantail: 78 mm
- Frame: 66 mm · Sash: 78 mm
- Rahmen: 66 mm · Flügel: 78 mm
- Telaio: 66 mm · Anta: 78 mm
- Kozijn: 66 mm · Vleugel: 78 mm



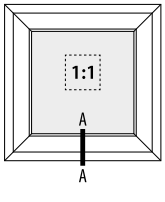


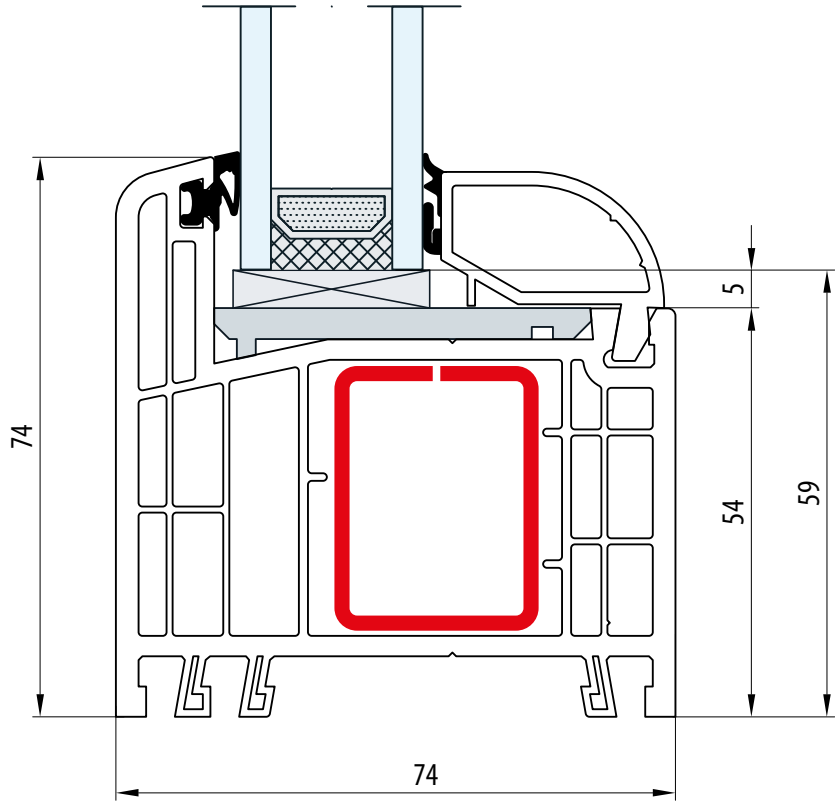
Rama: 66 mm · Skrzydło: 78 mm
Dormant: 66 mm · Vantail: 78 mm
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Rahmen: 66 mm · Flügel: 78 mm
Telaio: 66 mm · Anta: 78 mm
Kozijn: 66 mm · Vleugel: 78 mm



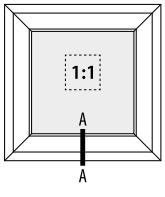


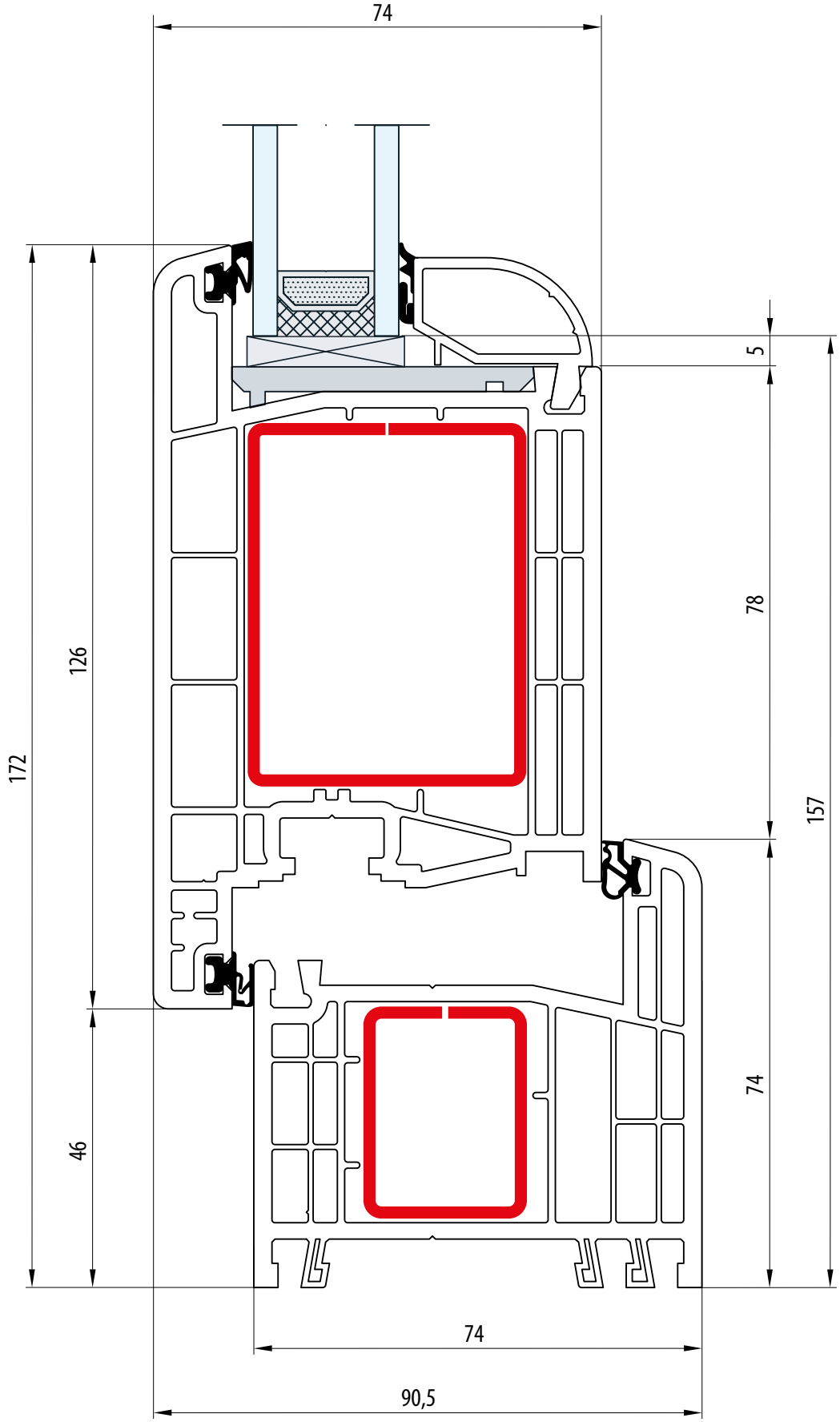
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Telaio: 66 mm · Anta: 78 mm
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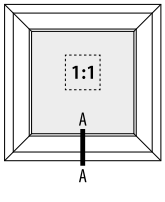


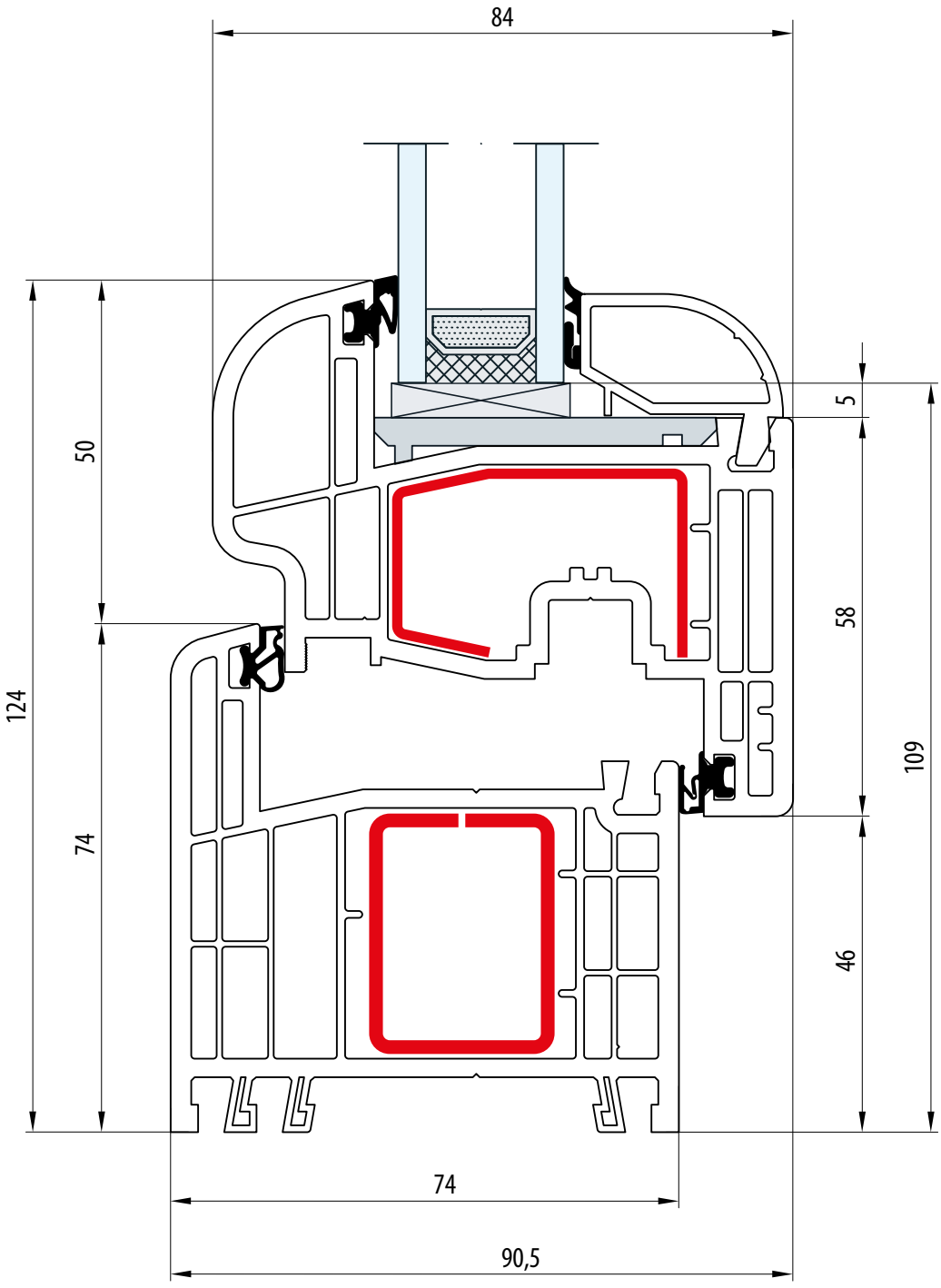
Rama: 74 mm
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Frame: 74 mm
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Kozijn: 74 mm



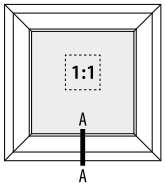


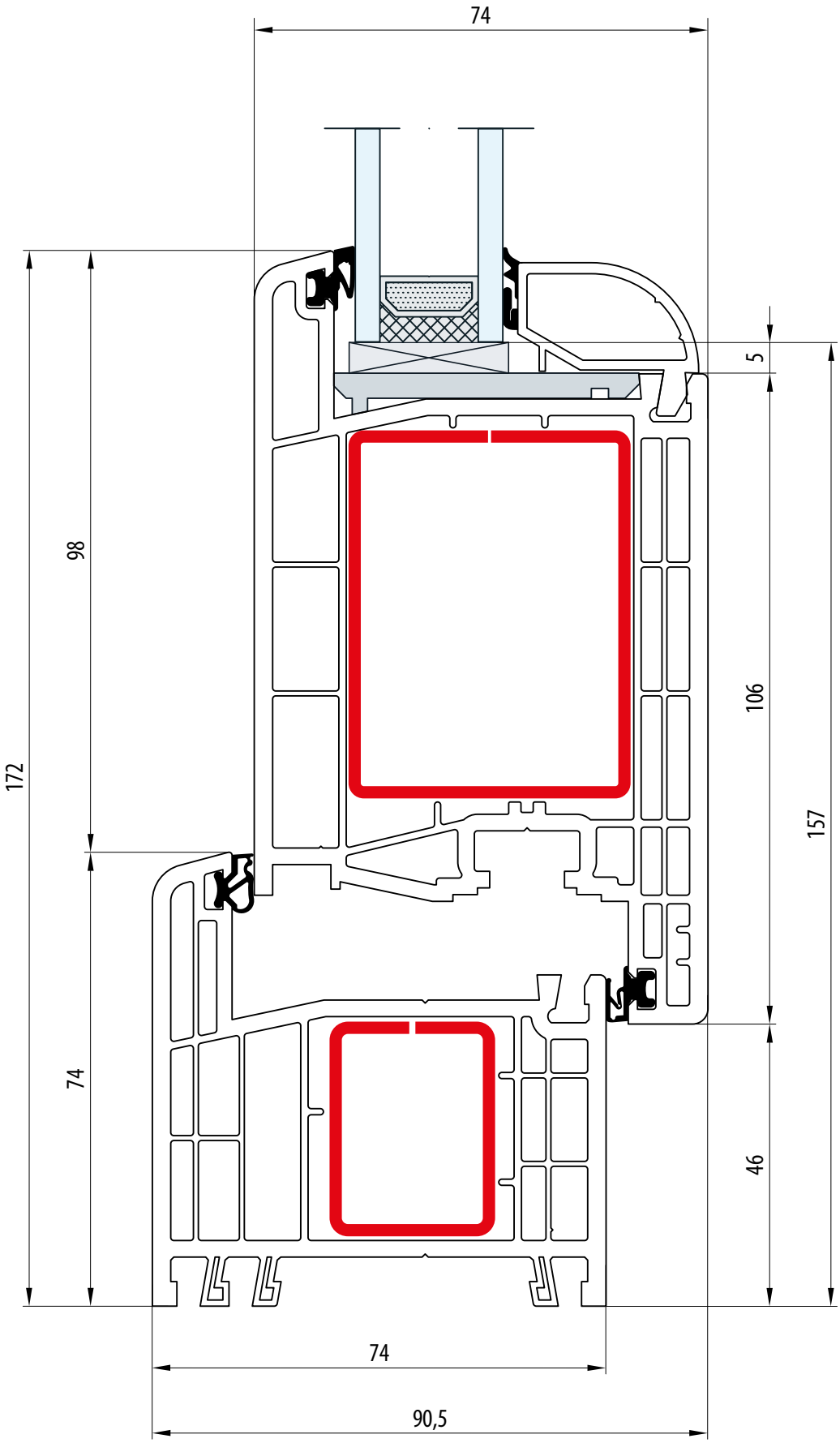
- Rama: 74 mm · Skrzydło: 126 mm
- Dormant: 74 mm · Vantail: 126 mm
- Frame: 74 mm · Sash: 126 mm
- Rahmen: 74 mm · Flügel: 126 mm
- Telaio: 74 mm · Anta: 126 mm
- Kozijn: 74 mm · Vleugel: 126 mm



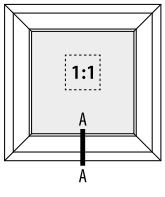


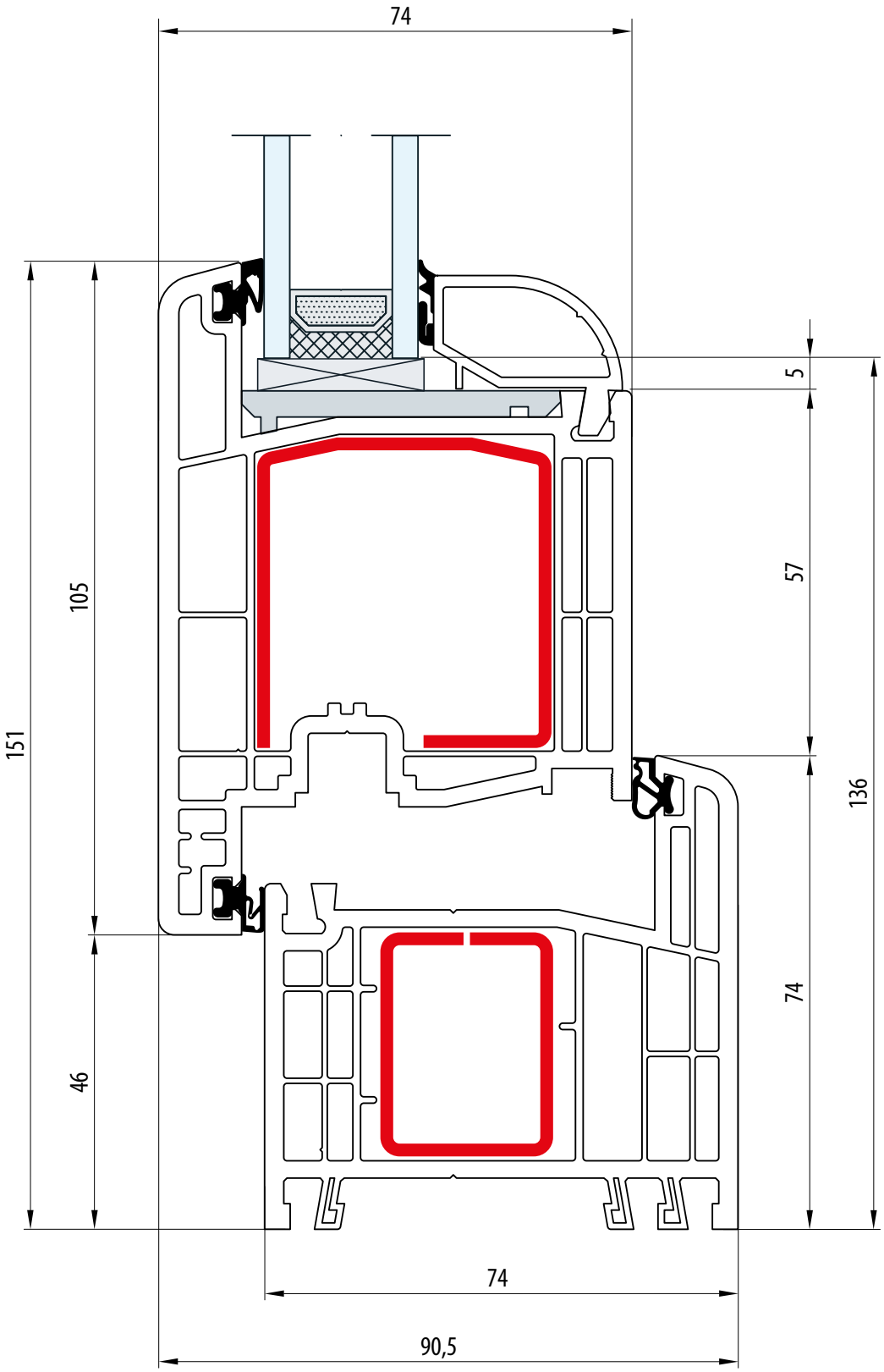
Rama: 74 mm · Skrzydło: 78 mm
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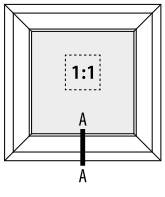


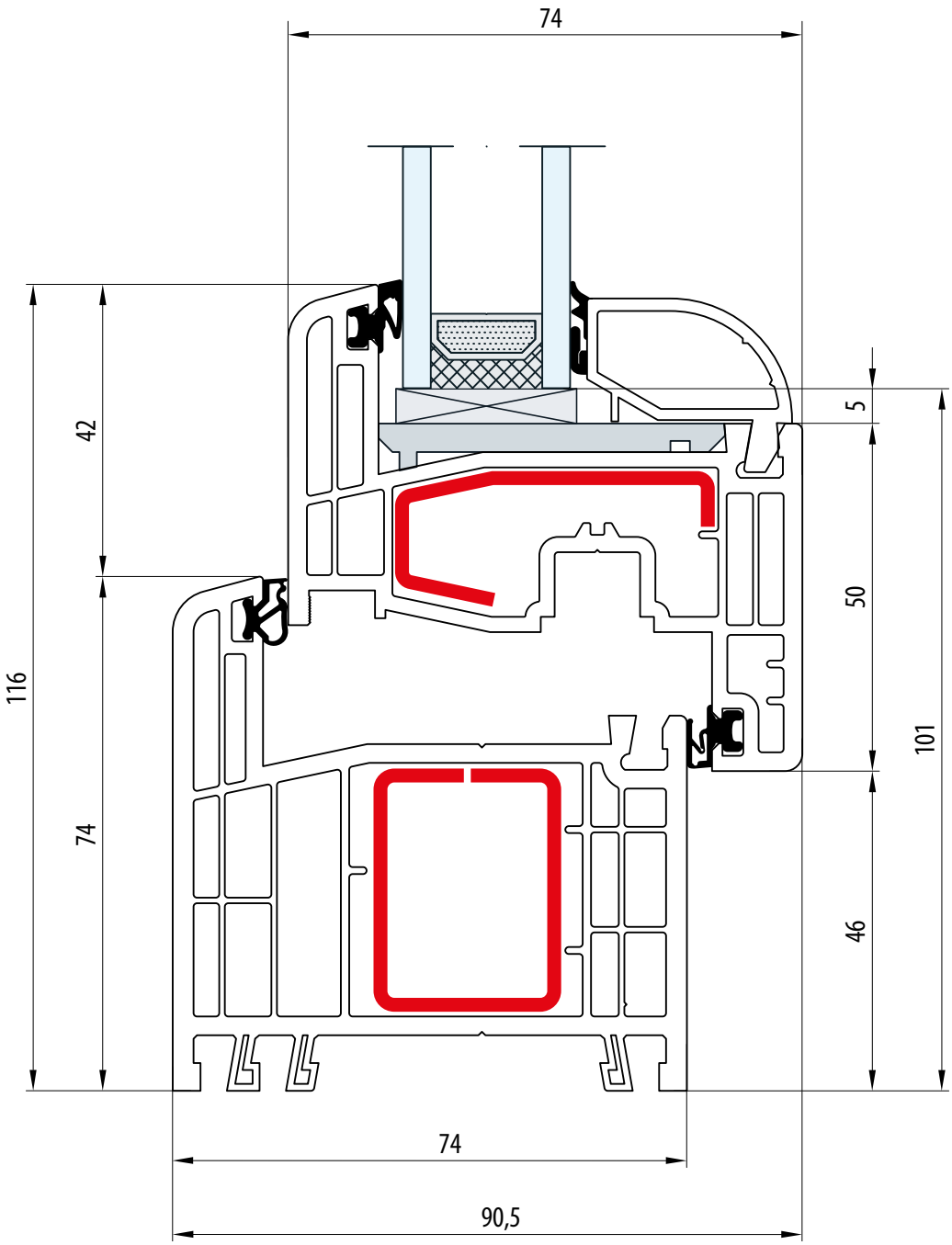
- Rama: 74 mm · Skrzydło: 126 mm
- Dormant: 74 mm · Vantail: 126 mm
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- Telaio: 74 mm · Anta: 126 mm
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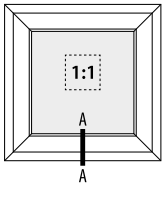


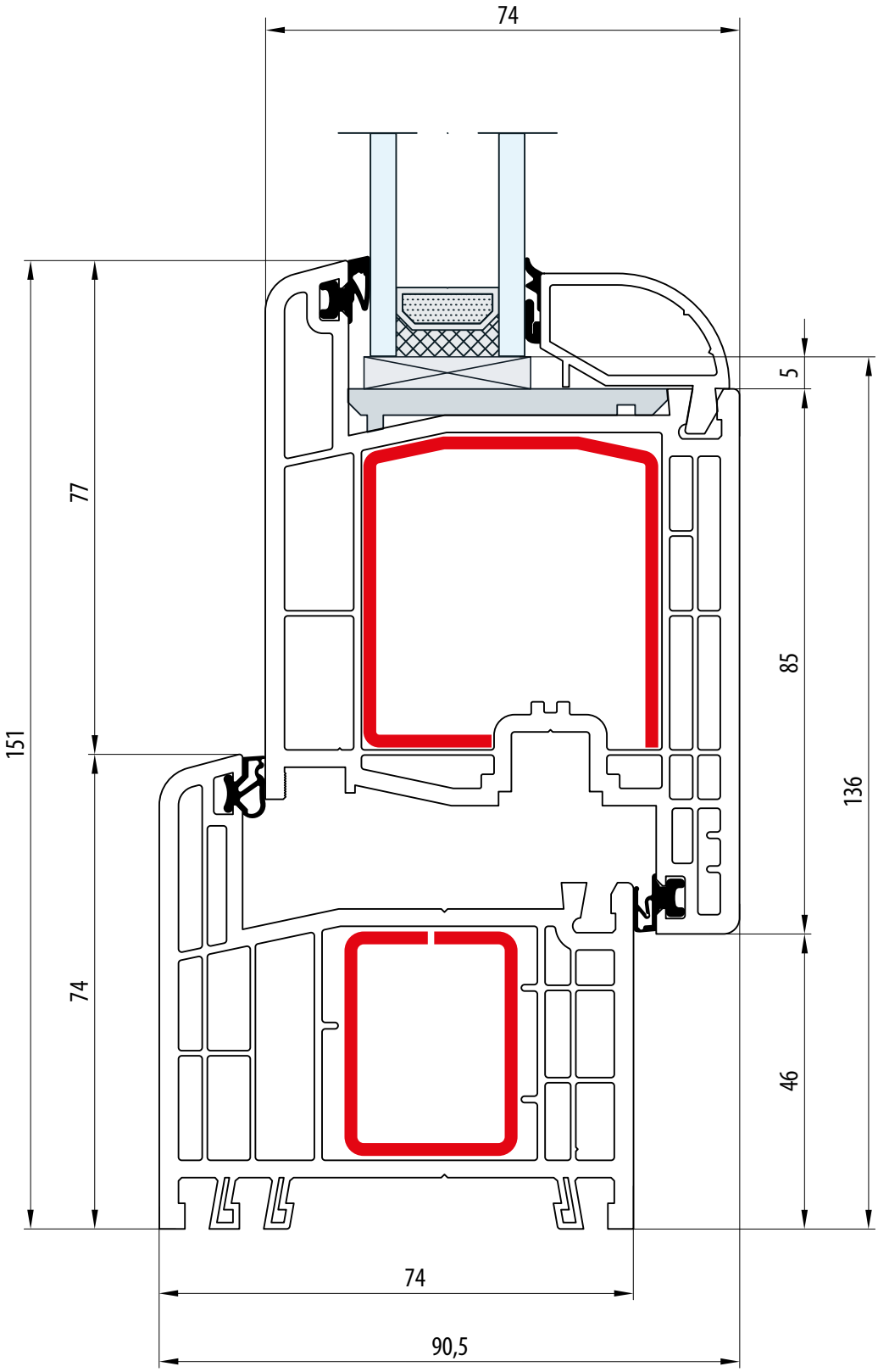
Rama: 74 mm · Skrzydło: 105 mm
Dormant: 74 mm · Vantail: 105 mm
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Rahmen: 74 mm · Flügel: 105 mm
Telaio: 74 mm · Anta: 105 mm
Kozijn: 74 mm · Vleugel: 105 mm



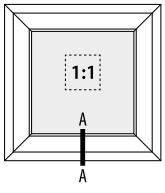


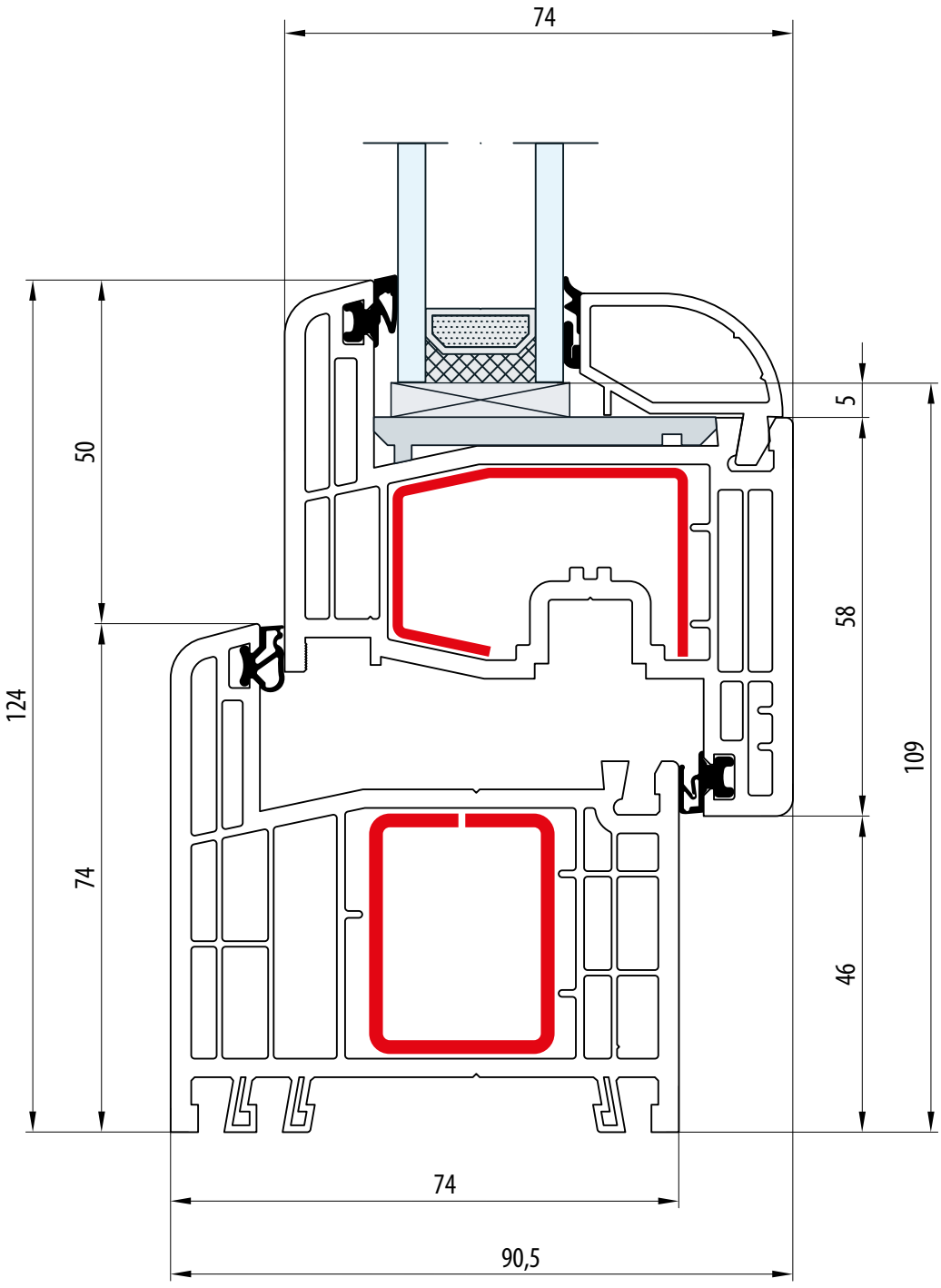
- Rama: 74 mm · Skrzydło: 70 mm
- Dormant: 74 mm · Vantail: 70 mm
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- Telaio: 74 mm · Anta: 70 mm
- Kozijn: 74 mm · Vleugel: 70 mm



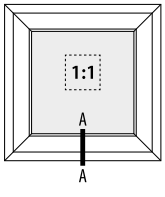


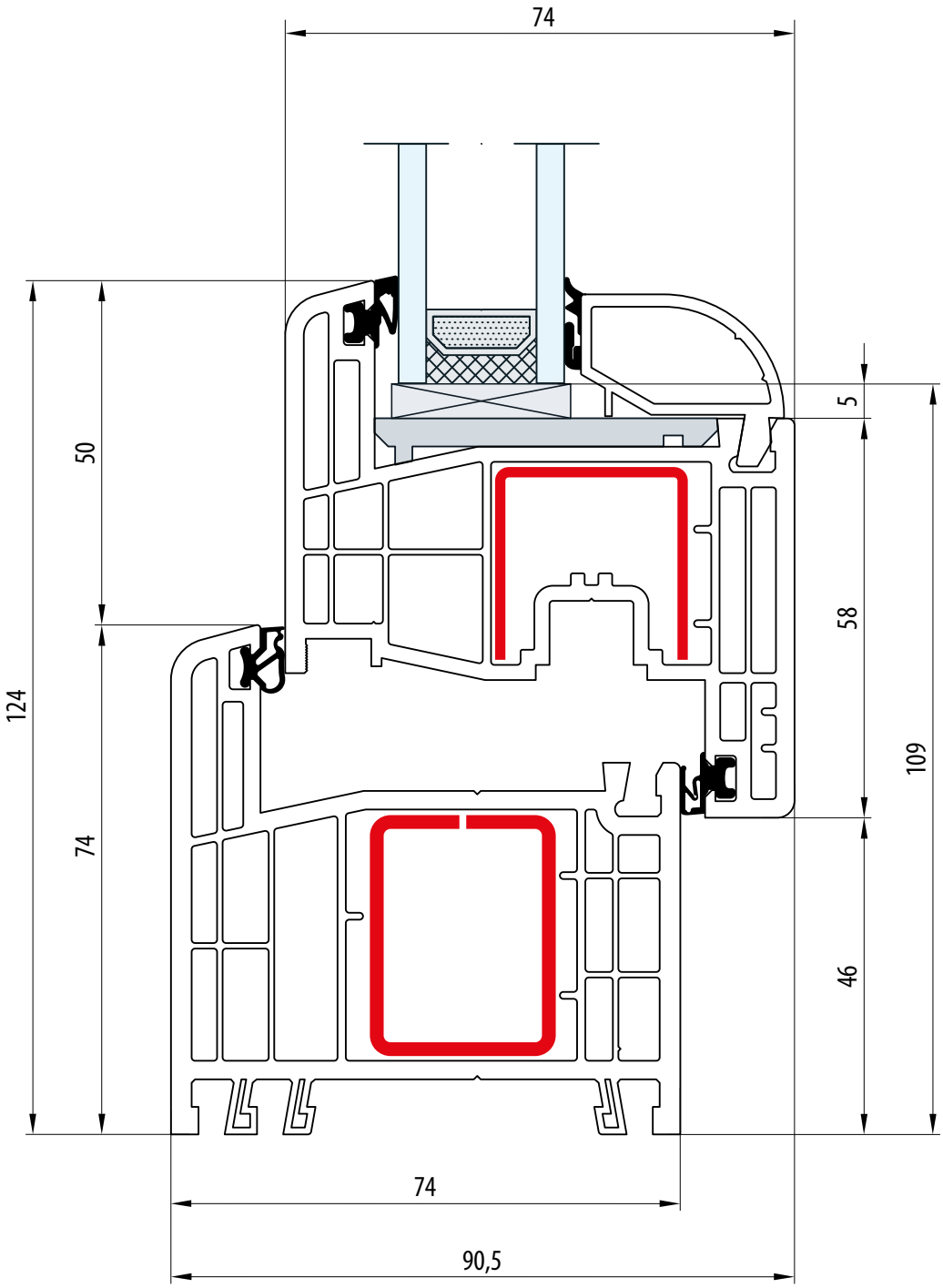
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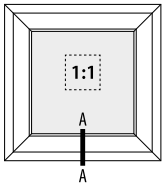


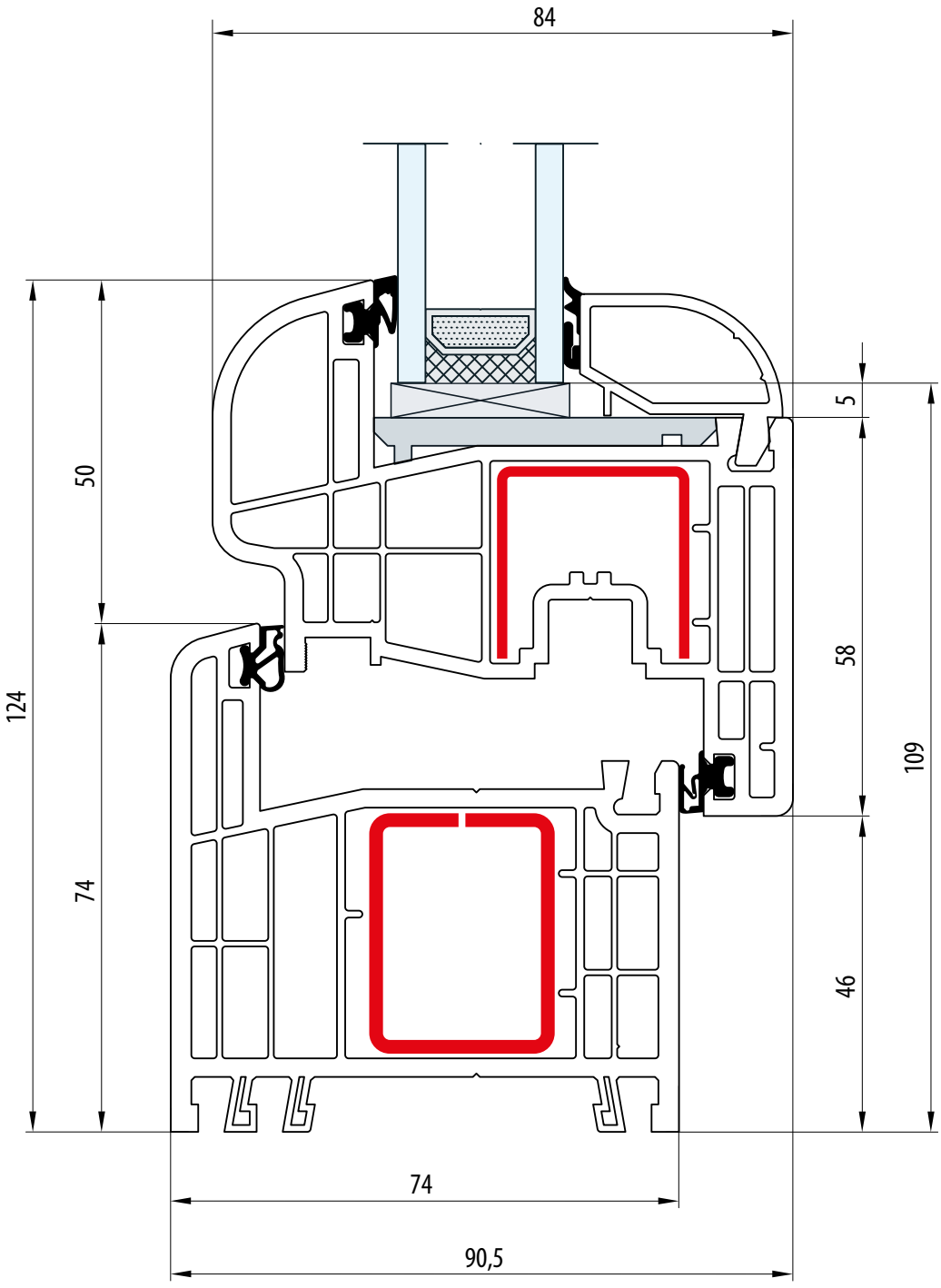
- Rama: 74 mm · Skrzydło: 78 mm
- Dormant: 74 mm · Vantail: 78 mm
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- Telaio: 74 mm · Anta: 78 mm
- Kozijn: 74 mm · Vleugel: 78 mm



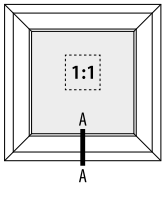


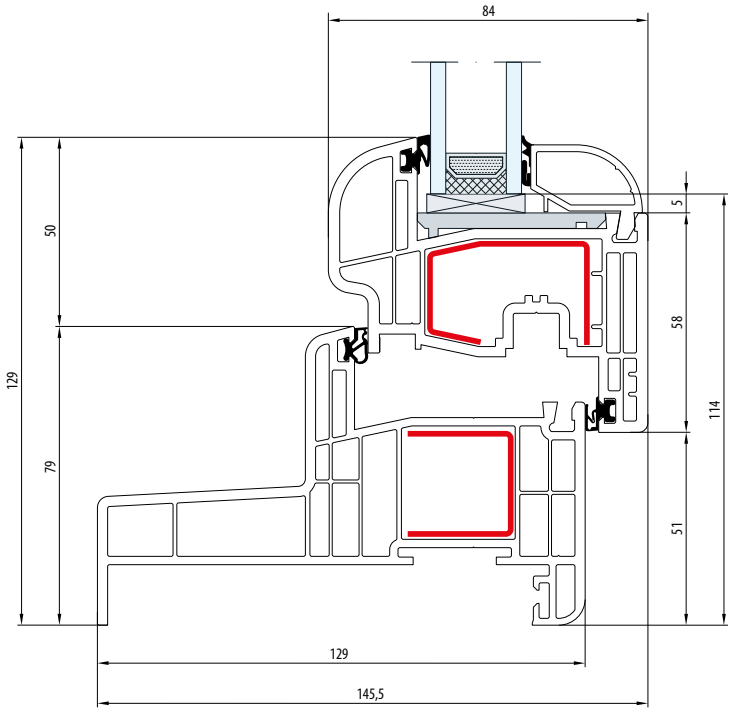
Rama: 74 mm · Skrzydło: 78 mm
Dormant: 74 mm · Vantail: 78 mm
Frame: 74 mm · Sash: 78 mm
Rahmen: 74 mm · Flügel: 78 mm
Telaio: 74 mm · Anta: 78 mm
Kozijn: 74 mm · Vleugel: 78 mm



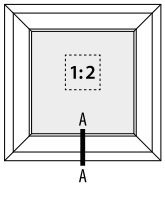


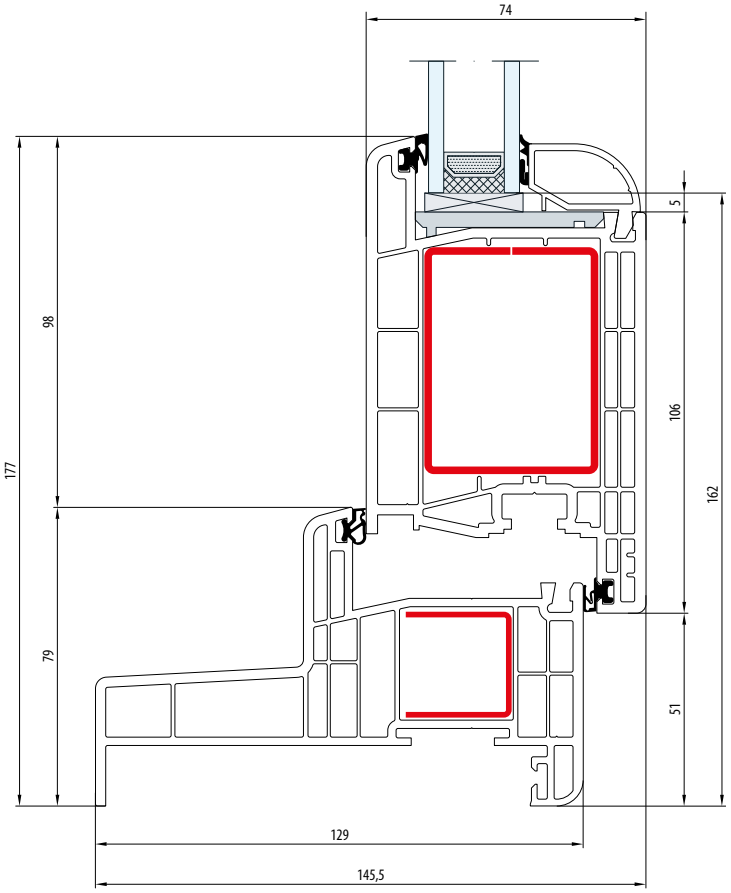
- Rama: 74 mm · Skrzydło: 78 mm
- Dormant: 74 mm · Vantail: 78 mm
- Frame: 74 mm · Sash: 78 mm
- Rahmen: 74 mm · Flügel: 78 mm
- Telaio: 74 mm · Anta: 78 mm
- Kozijn: 74 mm · Vleugel: 78 mm



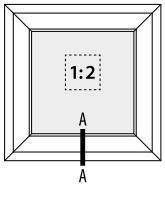


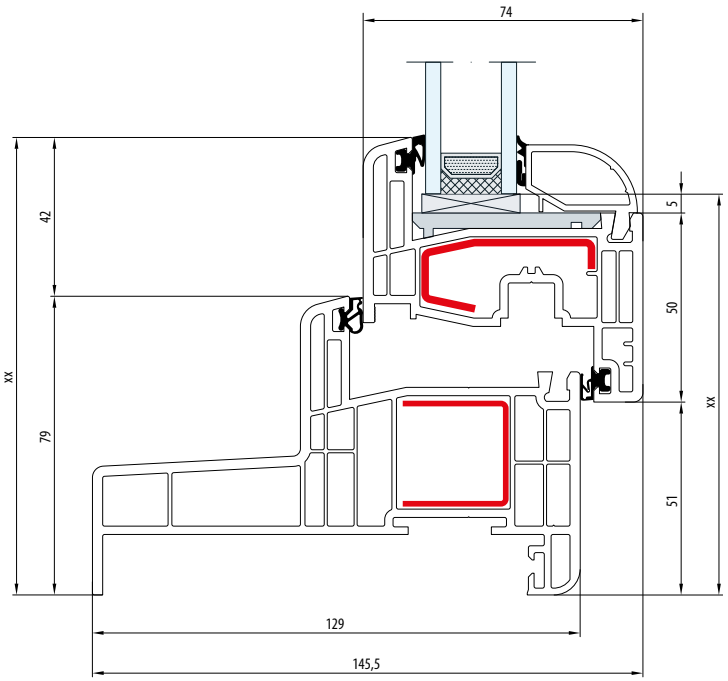
MONOBLOCK - 129 mm · Rama: 79 mm · Skrzydło: 78 mm
MONOBLOC - 129 mm · Dormant: 79 mm · Vantail: 78 mm
MONOBLOK - 129 mm · Frame: 79 mm · Sash: 78 mm
MONOBLOCK - 129 mm · Rahmen: 79 mm · Flügel: 78 mm
MONOBLOCK - 129 mm · Telaio: 79 mm · Anta: 78 mm
MONOBLOCK - 129 mm · Kader: 79 mm · Vleugel: 78 mm



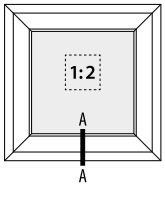


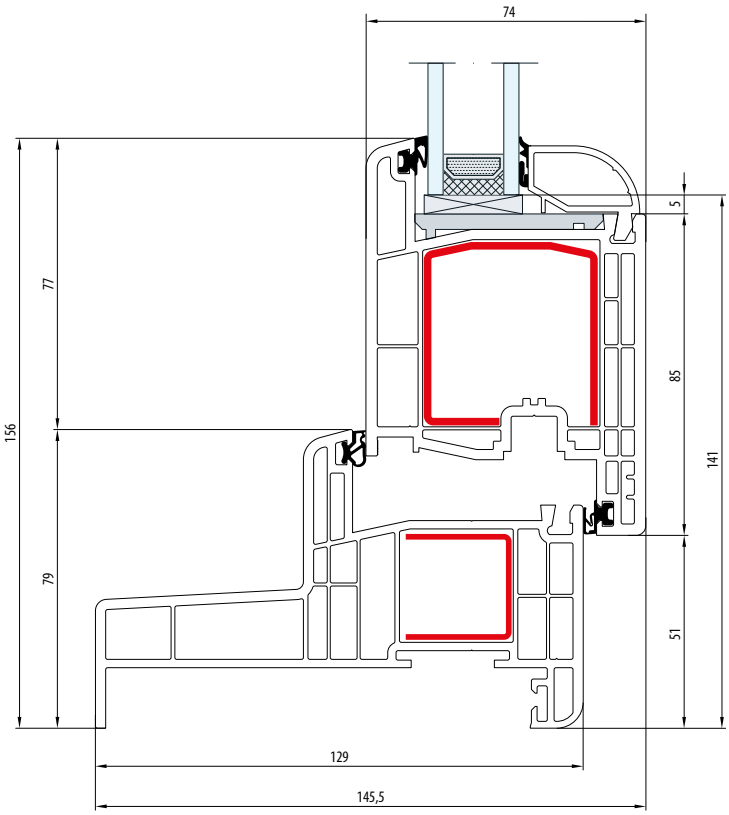
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MONOBLOK - 129 mm · Frame: 79 mm · Sash: 126 mm
MONOBLOCK - 129 mm · Rahmen: 79 mm · Flügel: 126 mm
MONOBLOCK - 129 mm · Telaio: 79 mm · Anta: 126 mm
MONOBLOCK - 129 mm · Kader: 79 mm · Vleugel: 126 mm



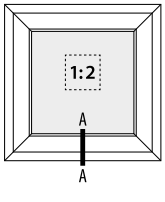


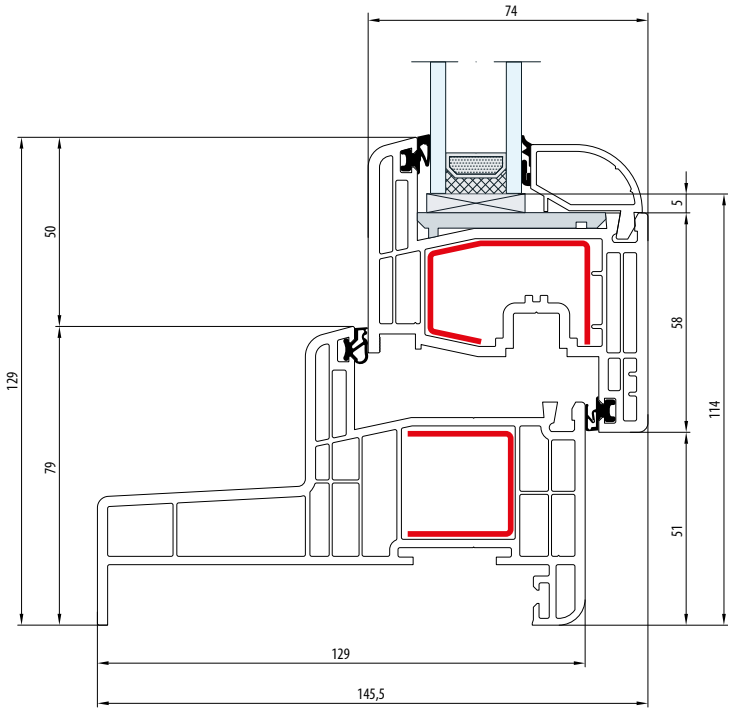
MONOBLOCK - 129 mm · Rama: 79 mm · Skrzydło: 70 mm
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MONOBLOK - 129 mm · Frame: 79 mm · Sash: 70 mm
MONOBLOCK - 129 mm · Rahmen: 79 mm · Flügel: 70 mm
MONOBLOCK - 129 mm · Telaio: 79 mm · Anta: 70 mm
MONOBLOCK - 129 mm · Kader: 79 mm · Vleugel: 70 mm



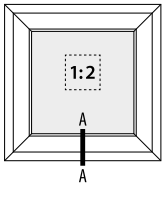


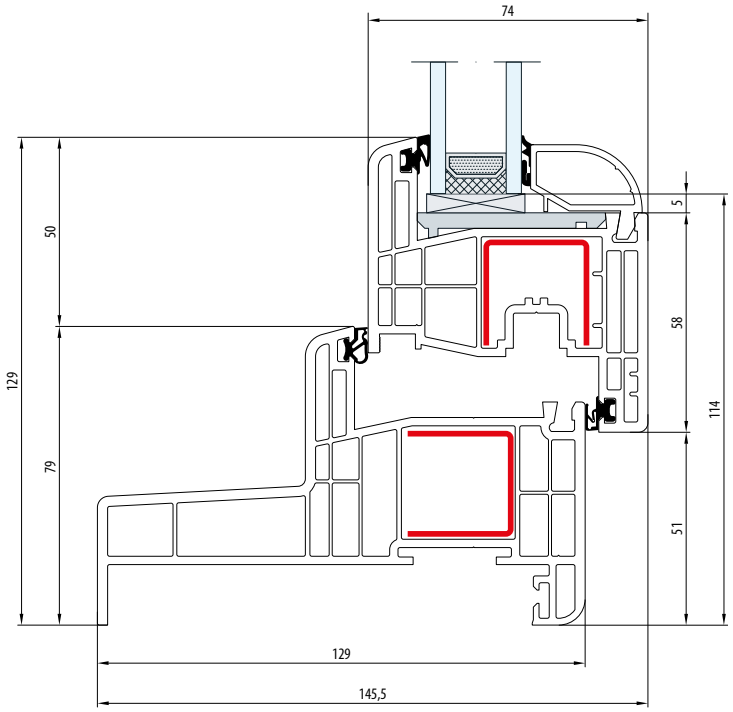
- MONOBLOCK - 129 mm · Rama: 79 mm · Skrzydło: 105 mm
- MONOBLOC - 129 mm · Dormant: 79 mm · Vantail: 105 mm
- MONOBLOK - 129 mm · Frame: 79 mm · Sash: 105 mm
- MONOBLOCK - 129 mm · Rahmen: 79 mm · Flügel: 105 mm
- MONOBLOCK - 129 mm · Telaio: 79 mm · Anta: 105 mm
- MONOBLOCK - 129 mm · Kader: 79 mm · Vleugel: 105 mm



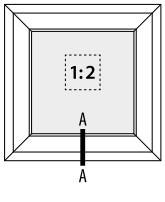


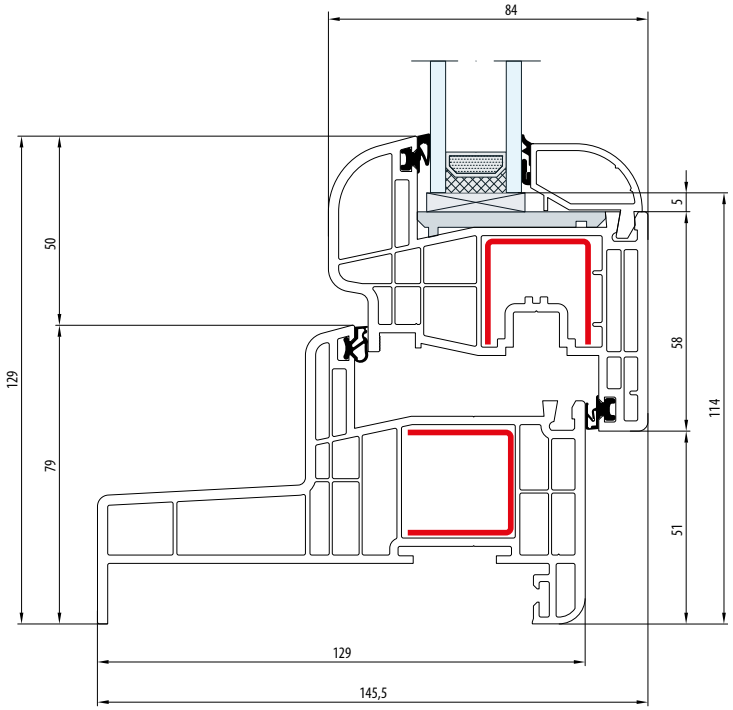
MONOBLOCK - 129 mm · Rama: 79 mm · Skrzydło: 78 mm
MONOBLOC - 129 mm · Dormant: 79 mm · Vantail: 78 mm
MONOBLOK - 129 mm · Frame: 79 mm · Sash: 78 mm
MONOBLOCK - 129 mm · Rahmen: 79 mm · Flügel: 78 mm
MONOBLOCK - 129 mm · Telaio: 79 mm · Anta: 78 mm
MONOBLOCK - 129 mm · Kader: 79 mm · Vleugel: 78 mm



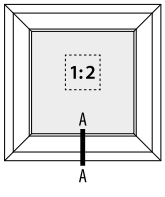


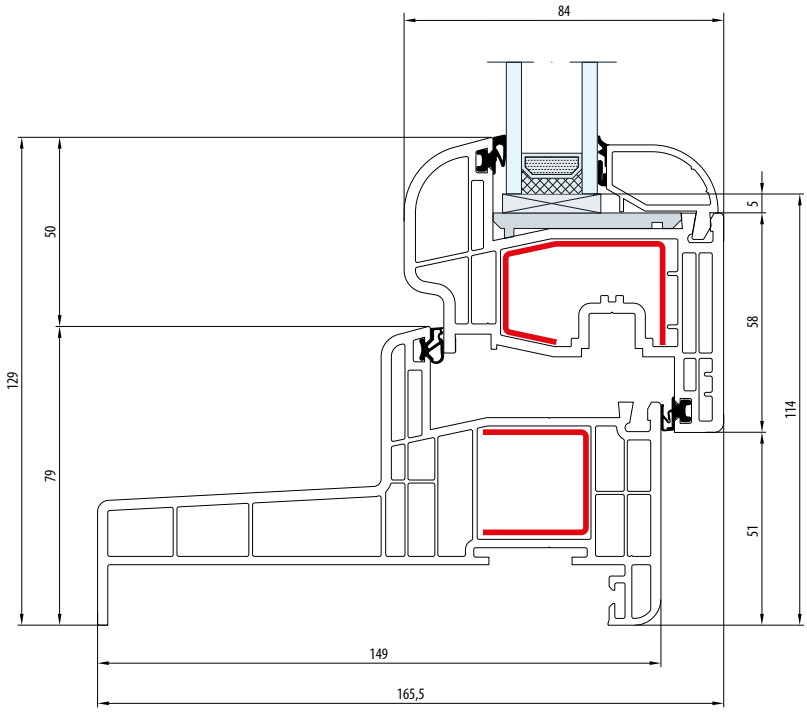
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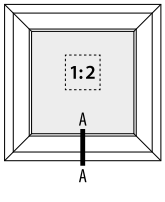


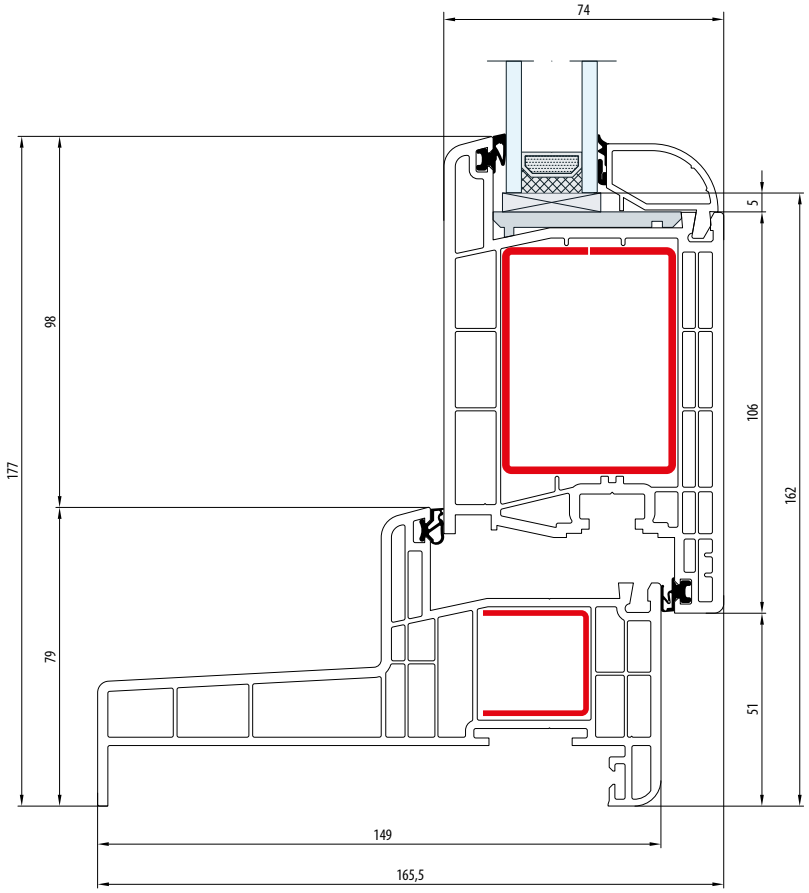
- MONOBLOCK - 129 mm · Rama: 79 mm · Skrzydło: 78 mm
- MONOBLOC - 129 mm · Dormant: 79 mm · Vantail: 78 mm
- MONOBLOK - 129 mm · Frame: 79 mm · Sash: 78 mm
- MONOBLOCK - 129 mm · Rahmen: 79 mm · Flügel: 78 mm
- MONOBLOCK - 129 mm · Telaio: 79 mm · Anta: 78 mm
- MONOBLOCK - 129 mm · Kader: 79 mm · Vleugel: 78 mm



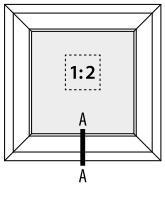


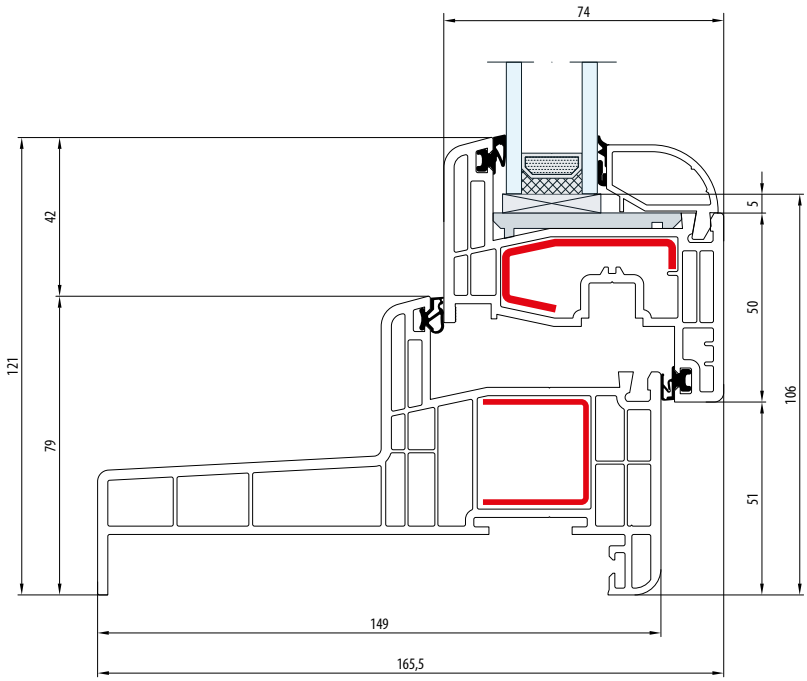
- MONOBLOCK - 149 mm · Rama: 79 mm · Skrzydło: 78 mm
- MONOBLOC - 149 mm · Dormant: 79 mm · Vantail: 78 mm
- MONOBLOK - 149 mm · Frame: 79 mm · Sash: 78 mm
- MONOBLOCK - 149 mm · Rahmen: 79 mm · Flügel: 78 mm
- MONOBLOCK - 149 mm · Telaio: 79 mm · Anta: 78 mm
- MONOBLOCK - 149 mm · Kader: 79 mm · Vleugel: 78 mm



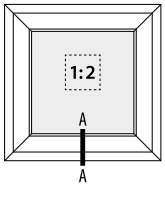


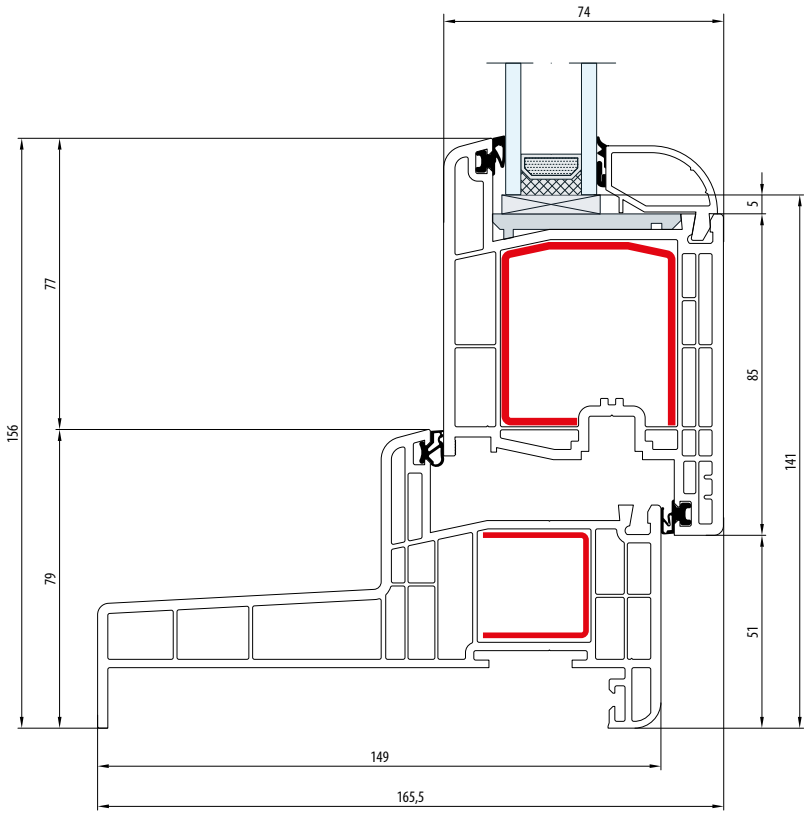
MONOBLOCK - 149 mm · Rama: 79 mm · Skrzydło: 126 mm
MONOBLOC - 149 mm · Dormant: 79 mm · Vantail: 126 mm
MONOBLOK - 149 mm · Frame: 79 mm · Sash: 126 mm
MONOBLOCK - 149 mm · Rahmen: 79 mm · Flügel: 126 mm
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MONOBLOCK - 149 mm · Kader: 79 mm · Vleugel: 126 mm



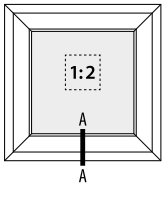


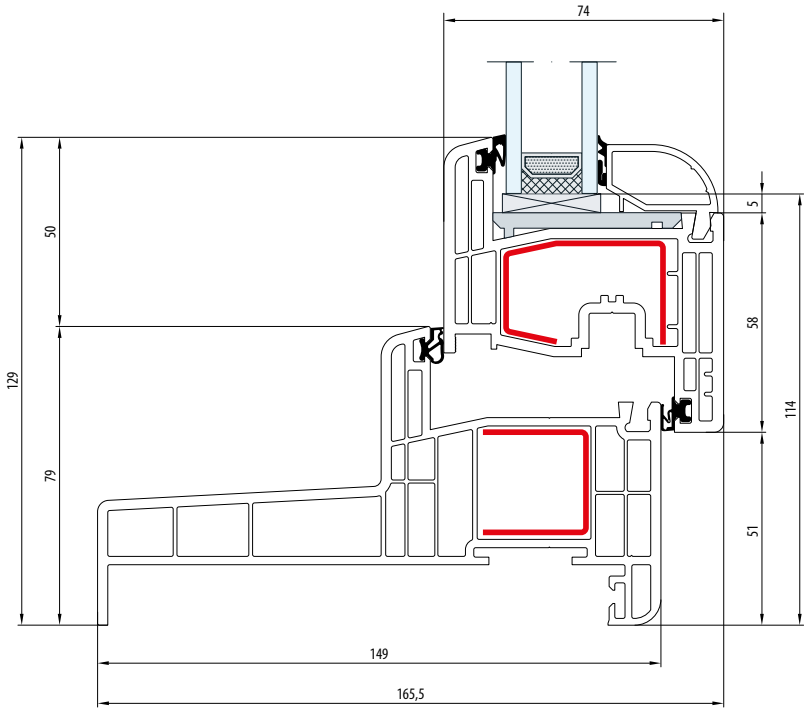
- MONOBLOCK - 149 mm · Rama: 79 mm · Skrzydło: 70 mm
- MONOBLOC - 149 mm · Dormant: 79 mm · Vantail: 70 mm
- MONOBLOK - 149 mm · Frame: 79 mm · Sash: 70 mm
- MONOBLOCK - 149 mm · Rahmen: 79 mm · Flügel: 70 mm
- MONOBLOCK - 149 mm · Telaio: 79 mm · Anta: 70 mm
- MONOBLOCK - 149 mm · Kader: 79 mm · Vleugel: 70 mm



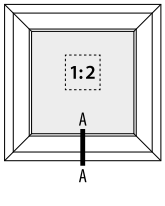


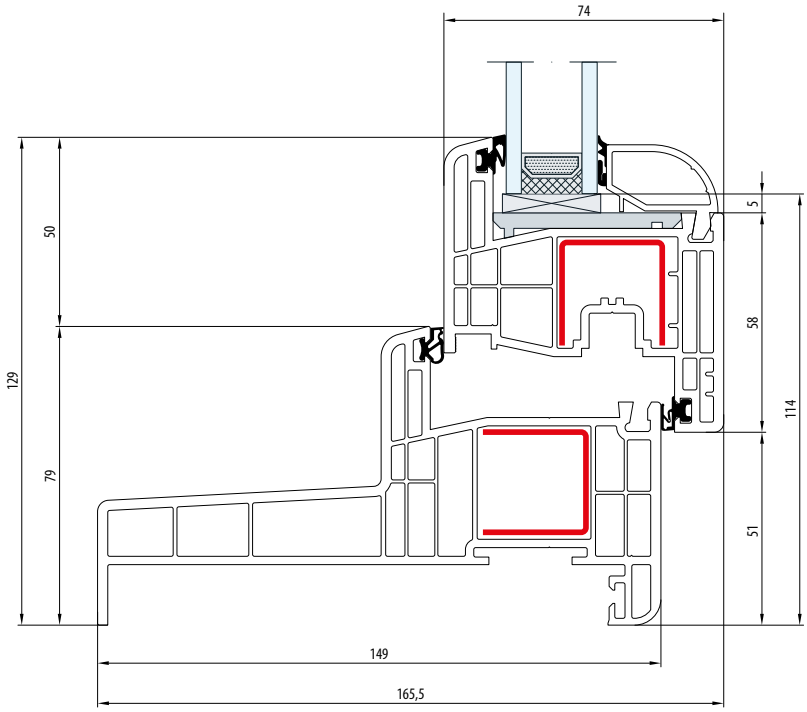
MONOBLOCK - 149 mm · Rama: 79 mm · Skrzydło: 105 mm
MONOBLOC - 149 mm · Dormant: 79 mm · Vantail: 105 mm
MONOBLOK - 149 mm · Frame: 79 mm · Sash: 105 mm
MONOBLOCK - 149 mm · Rahmen: 79 mm · Flügel: 105 mm
MONOBLOCCO - 149 mm · Telaio: 79 mm · Anta: 105 mm
MONOBLOCK - 149 mm · Kader: 79 mm · Vleugel: 105 mm



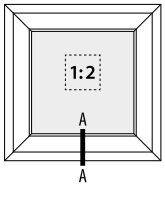


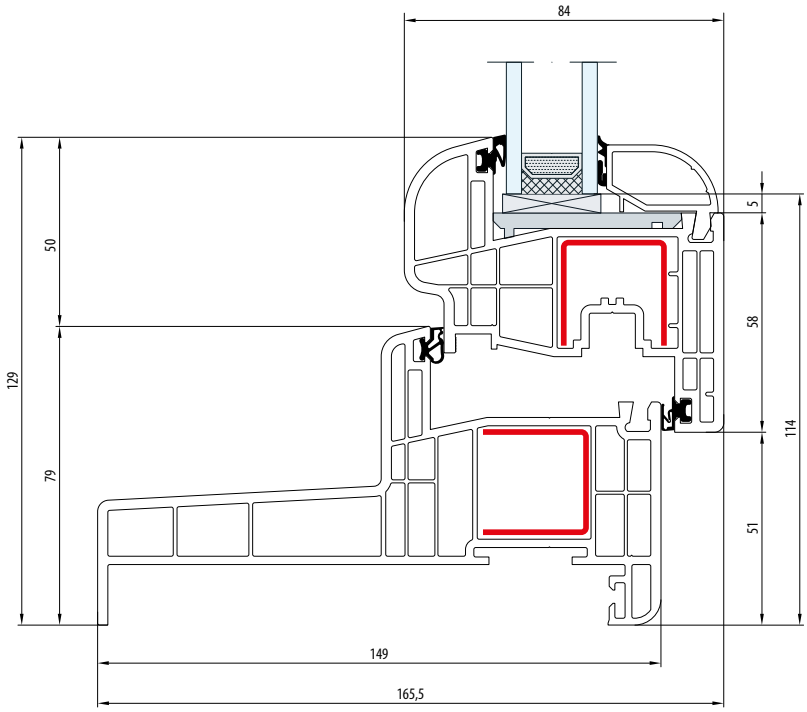
- MONOBLOCK - 149 mm · Rama: 79 mm · Skrzydło: 78 mm
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- MONOBLOK - 149 mm · Frame: 79 mm · Sash: 78 mm
- MONOBLOCK - 149 mm · Rahmen: 79 mm · Flügel: 78 mm
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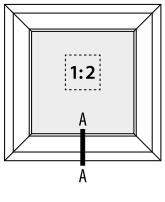


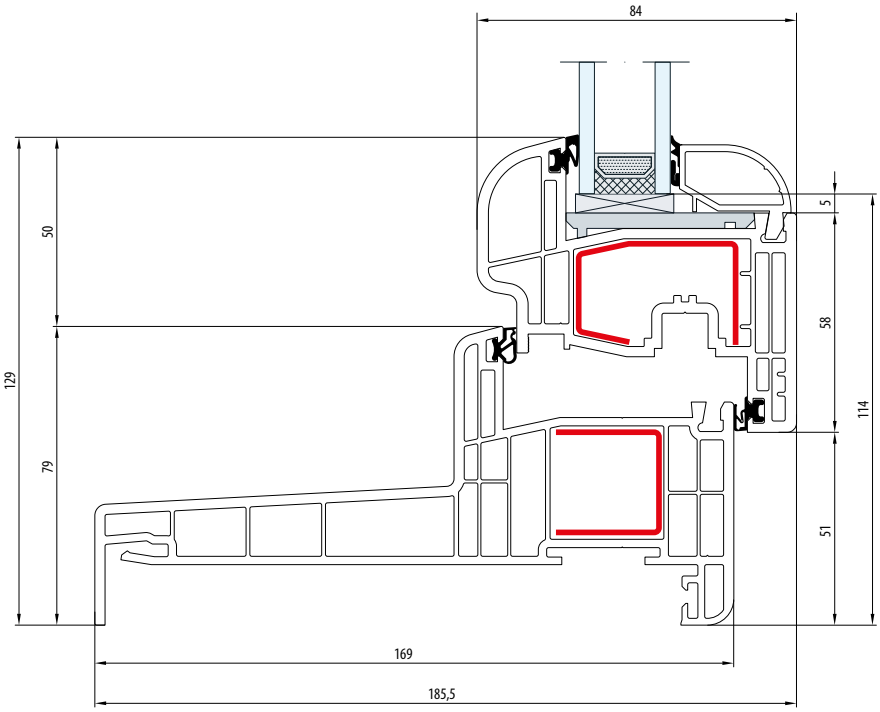
MONOBLOCK - 149 mm · Rama: 79 mm · Skrzydło: 78 mm
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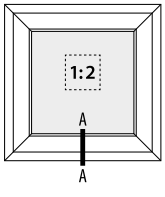


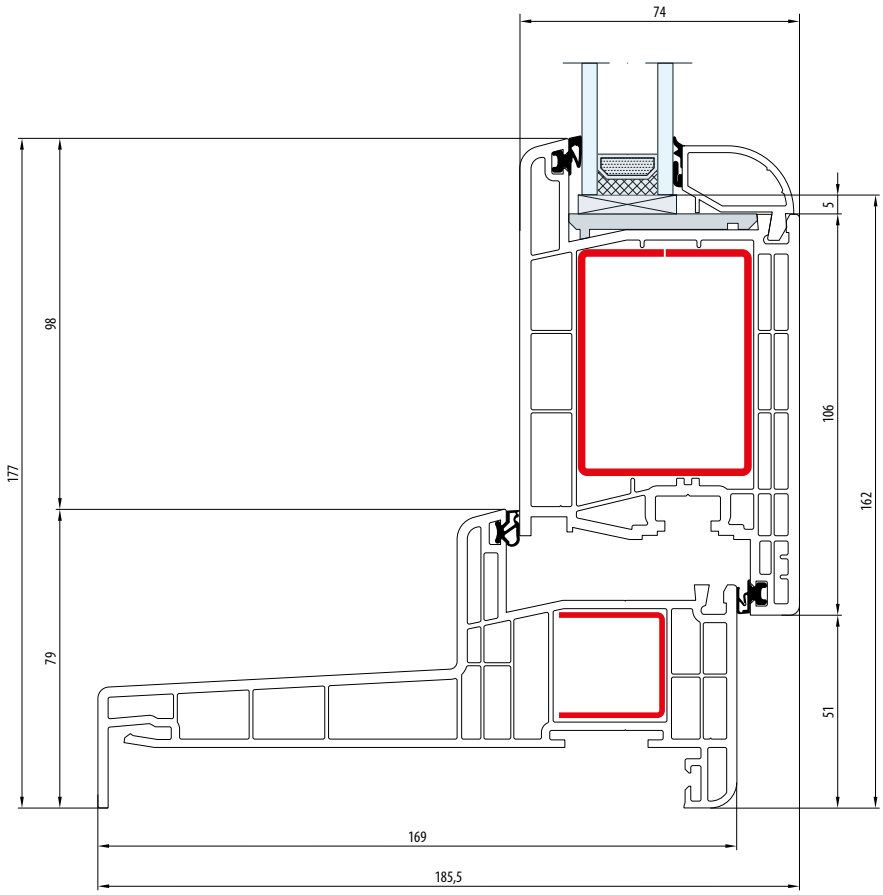
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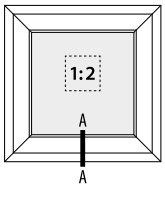


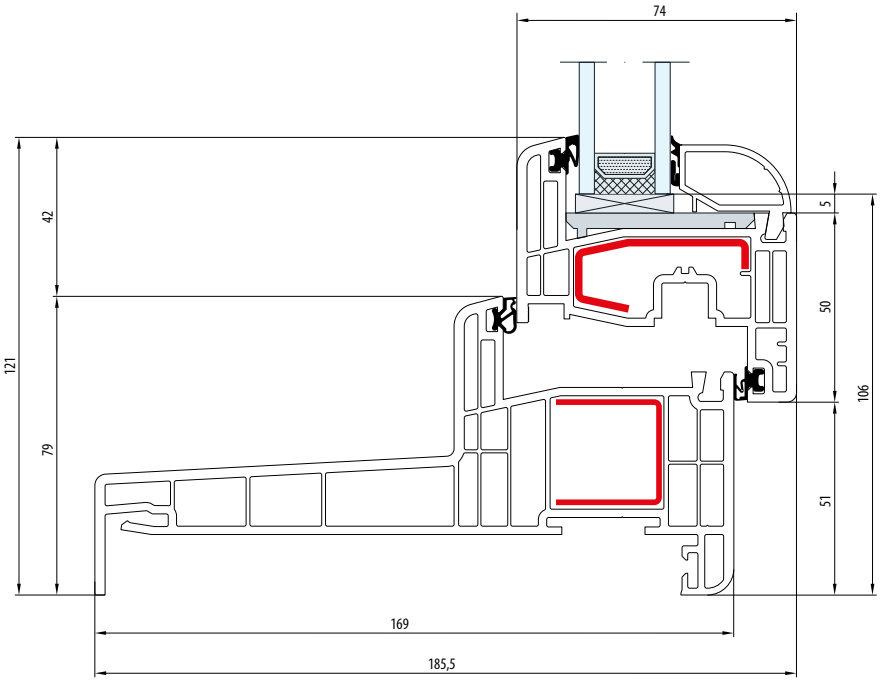
MONOBLOCK - 169 mm · Rama: 79 mm · Skrzydło: 78 mm
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MONOBLOCK - 169 mm · Rahmen: 79 mm · Flügel: 78 mm
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MONOBLOCK - 169 mm · Kader: 79 mm · Vleugel: 78 mm



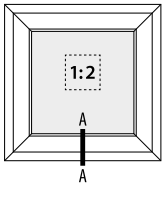


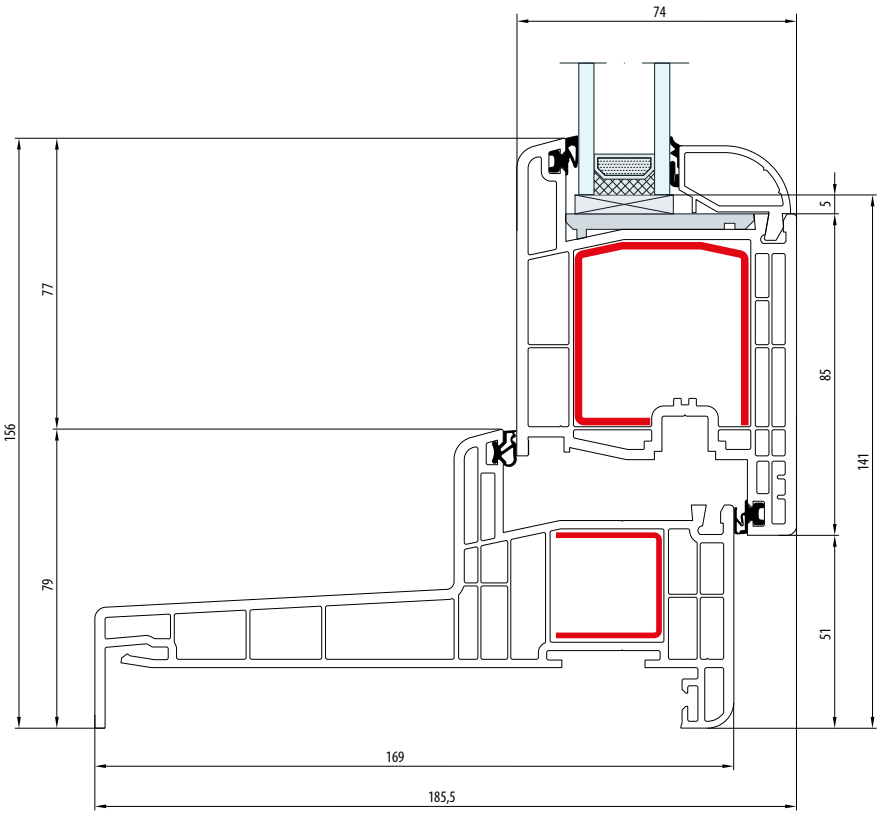
- MONOBLOCK - 169 mm · Rama: 79 mm · Skrzydło: 126 mm
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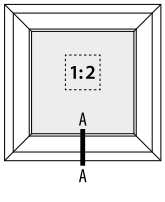


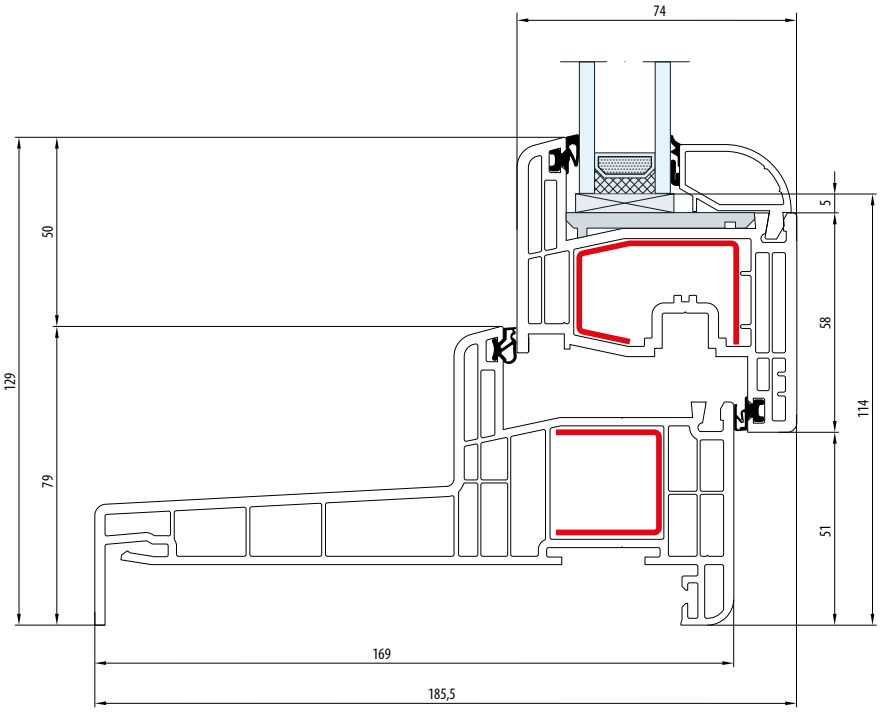
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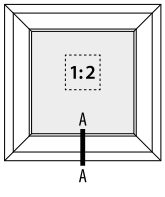


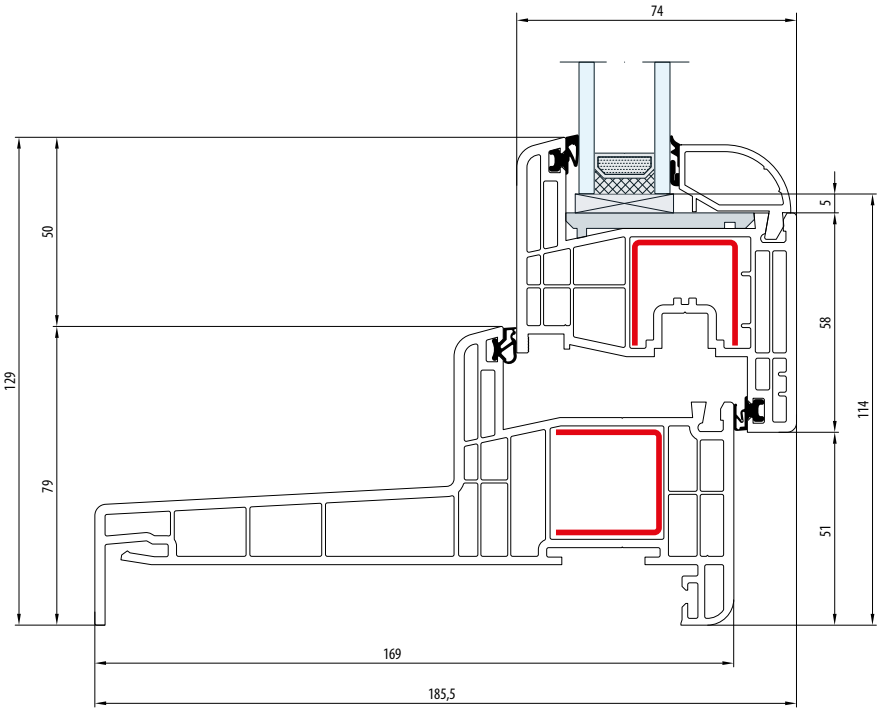
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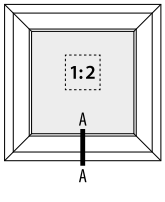


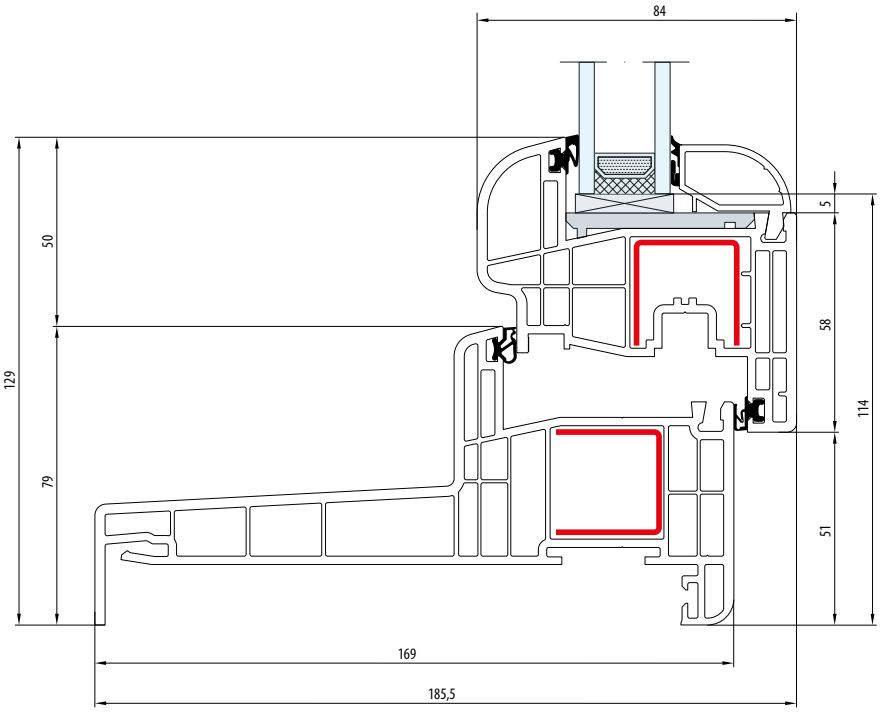
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MONOBLOCK - 169 mm · Telaio: 79 mm · Anta: 78 mm
MONOBLOCK - 169 mm · Kader: 79 mm · Vleugel: 78 mm



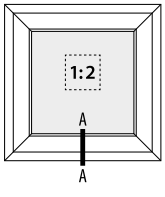


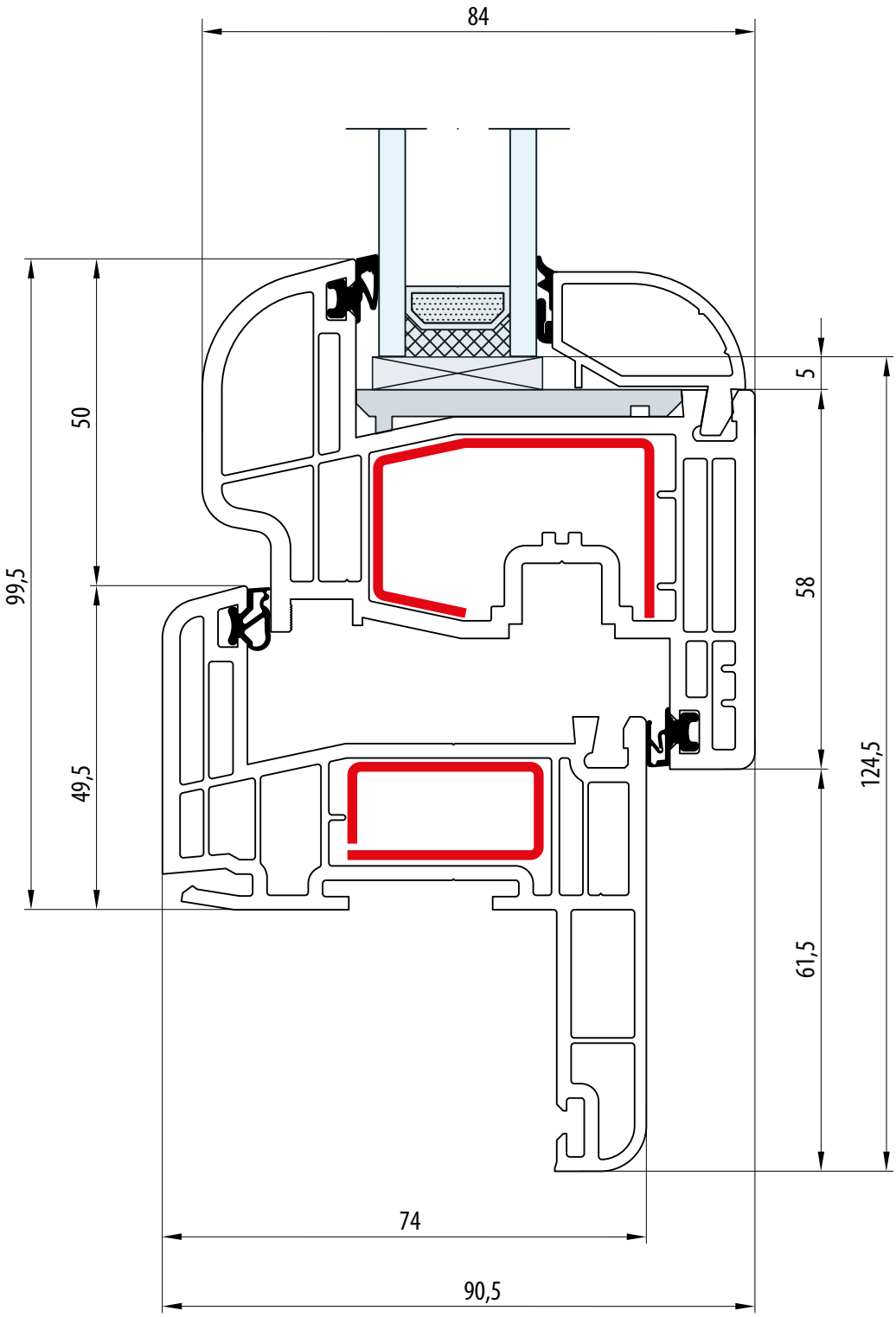
- MONOBLOCK - 169 mm · Rama: 79 mm · Skrzydło: 78 mm
- MONOBLOC - 169 mm · Dormant: 79 mm · Vantail: 78 mm
- MONOBLOK - 169 mm · Frame: 79 mm · Sash: 78 mm
- MONOBLOCK - 169 mm · Rahmen: 79 mm · Flügel: 78 mm
- MONOBLOCK - 169 mm · Telaio: 79 mm · Anta: 78 mm
- MONOBLOCK - 169 mm · Kader: 79 mm · Vleugel: 78 mm



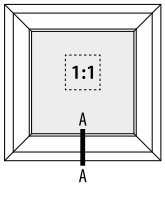


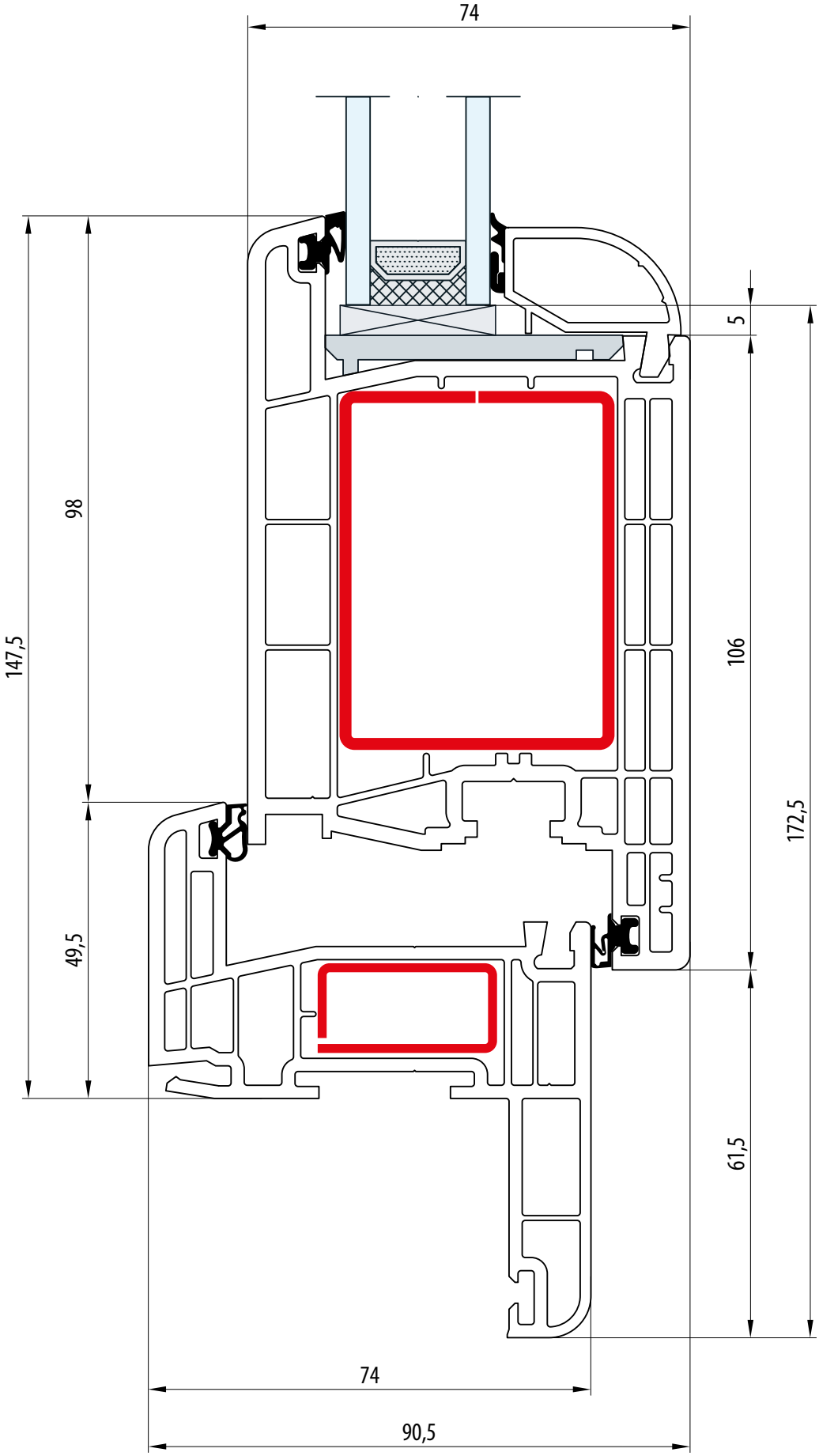
MONOBLOCK - 169 mm · Rama: 79 mm · Skrzydło: 78 mm
MONOBLOC - 169 mm · Dormant: 79 mm · Vantail: 78 mm
MONOBLOK - 169 mm · Frame: 79 mm · Sash: 78 mm
MONOBLOCK - 169 mm · Rahmen: 79 mm · Flügel: 78 mm
MONOBLOCK - 169 mm · Telaio: 79 mm · Anta: 78 mm
MONOBLOCK - 169 mm · Kader: 79 mm · Vleugel: 78 mm



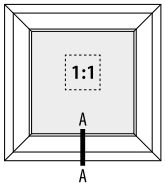


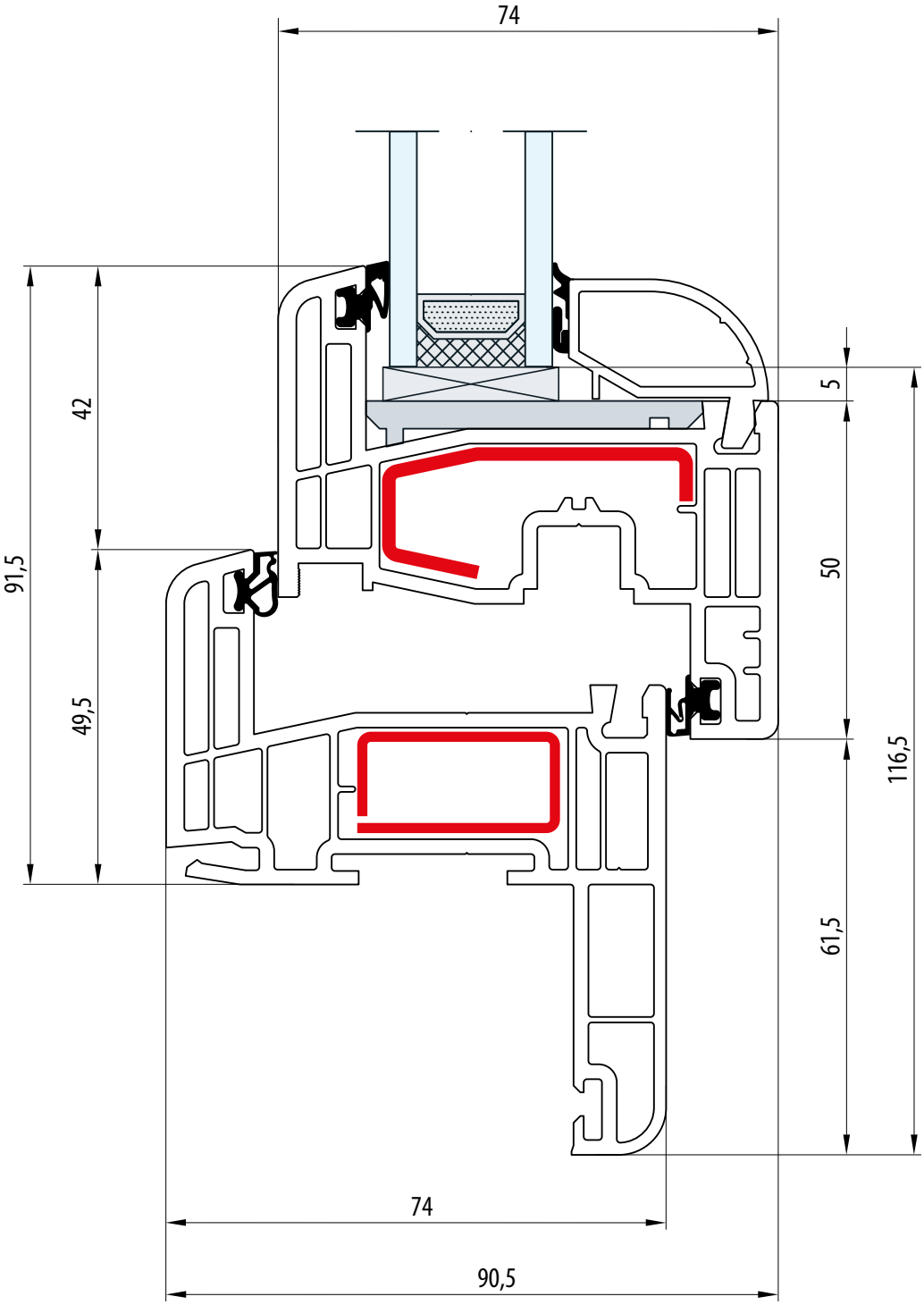
RENOWACJA - Płetwa: 40 mm · Rama: 49,5 mm · Skrzydło: 78 mm
RÉNOVATION - Lip: 40 mm · Dormant: 49,5 mm · Vantail: 78 mm
RENOVATION - Strip: 40 mm · Frame: 49,5 mm · Sash: 78 mm
RENOVIERUNG - Flosse: 40 mm · Rahmen: 49,5 mm · Flügel: 78 mm
RINNOVAZIONE - Aletta da: 40 mm · Telaio: 49,5 mm · Anta: 78 mm
RENOVATIE - Vin: 40 mm · Kozijn: 49,5 mm · Vleugel: 78 mm



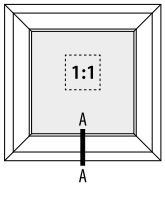


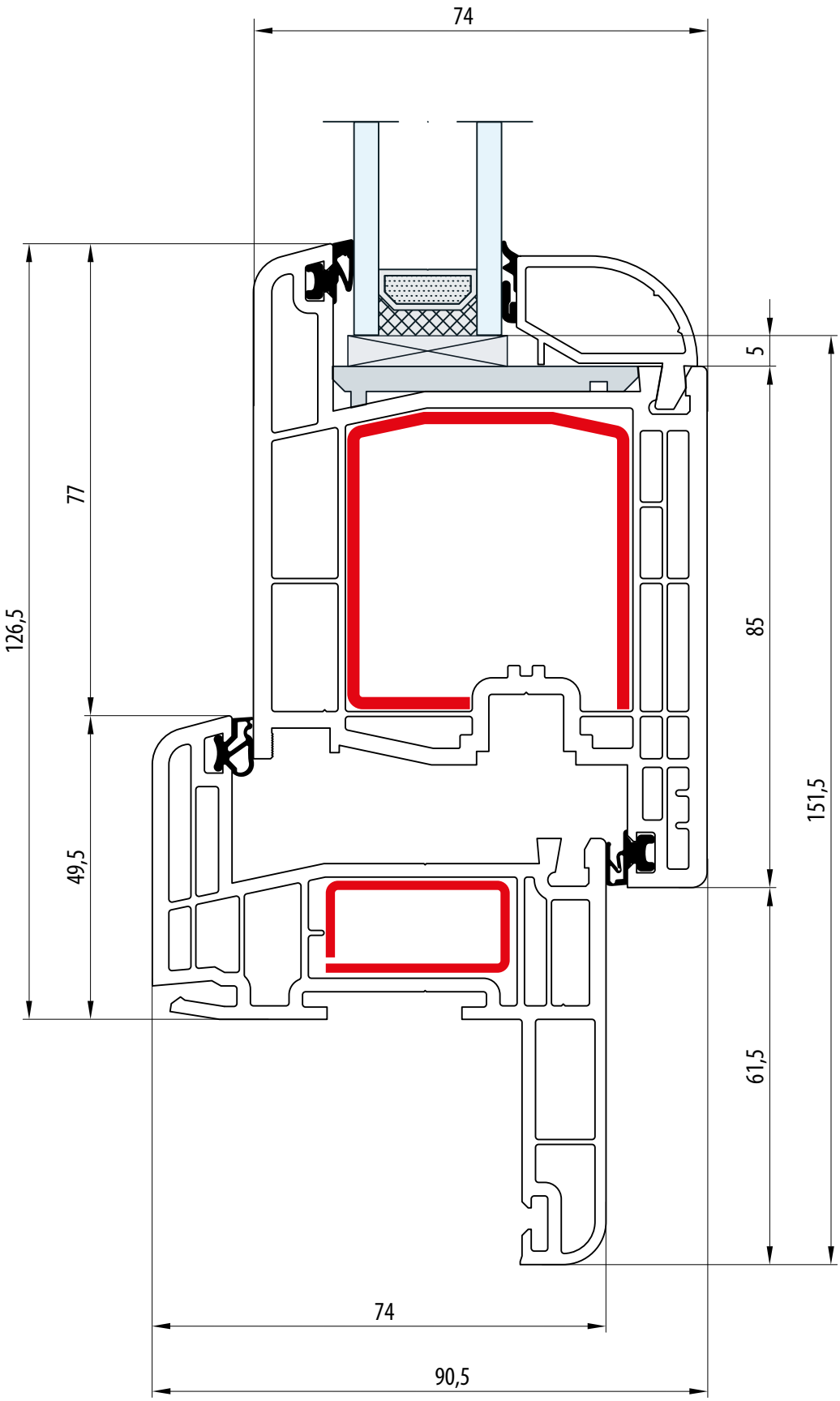
RENOWACJA - Płetwa: 40 mm · Rama: 49,5 mm · Skrzydło: 126 mm
RÉNOVATION - Lip: 40 mm · Dormant: 49,5 mm · Vantail: 126 mm
RENOVATION - Strip: 40 mm · Frame: 49,5 mm · Sash: 126 mm
RENOVIERUNG - Flosse: 40 mm · Rahmen: 49,5 mm · Flügel: 126 mm
RINNOVAZIONE - Aletta da: 40 mm · Telaio: 49,5 mm · Anta: 126 mm
RENOVATIE - Vin: 40 mm · Kozijn: 49,5 mm · Vleugel: 126 mm



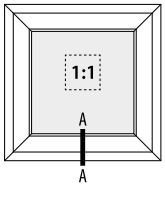


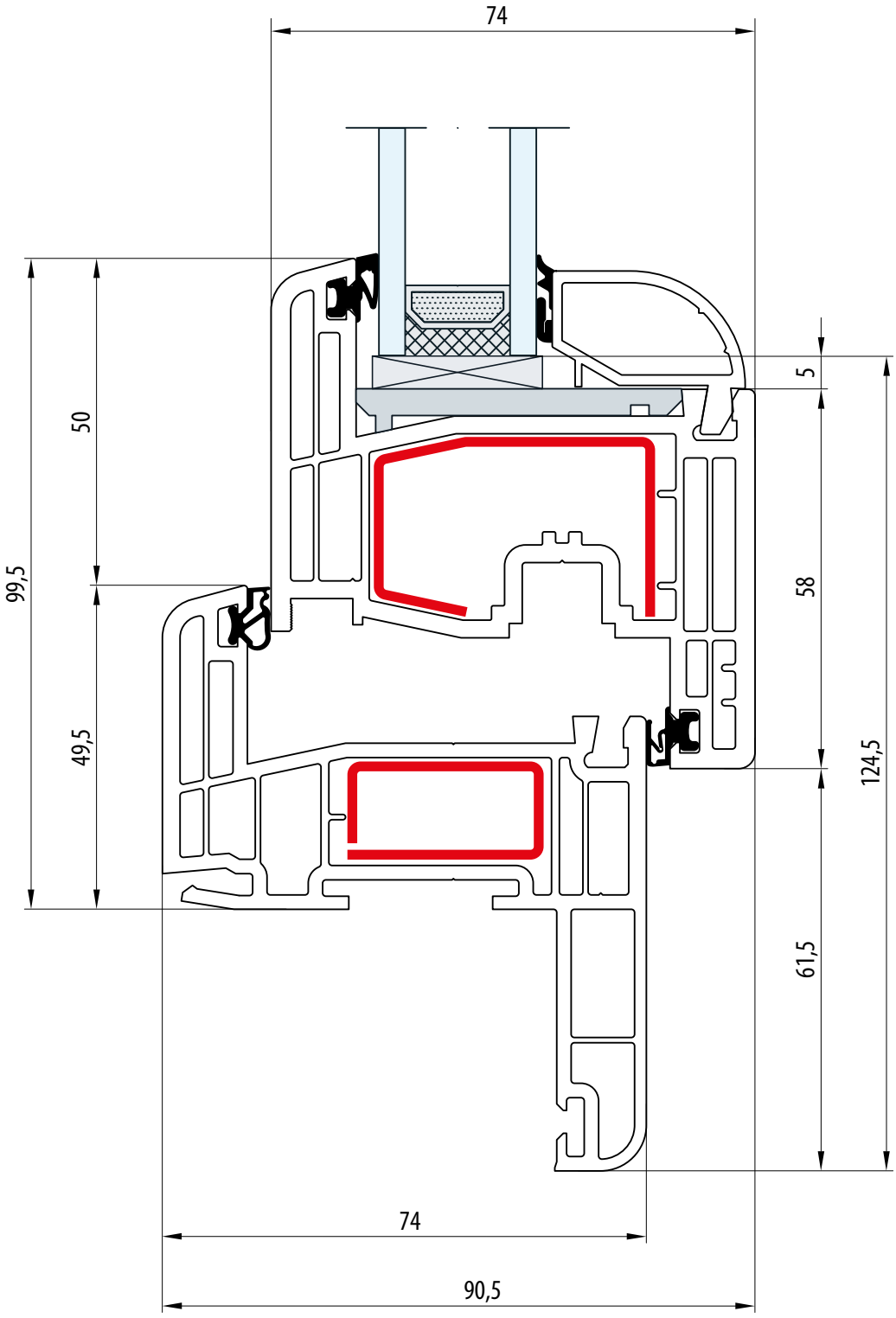
RENOWACJA - Płetwa: 40 mm · Rama: 49,5 mm · Skrzydło: 70 mm
RÉNOVATION - Lip: 40 mm · Dormant: 49,5 mm · Vantail: 70 mm
RENOVATION - Strip: 40 mm · Frame: 49,5 mm · Sash: 70 mm
RENOVIERUNG - Flosse: 40 mm · Rahmen: 49,5 mm · Flügel: 70 mm
RINNOVAZIONE - Aletta da: 40 mm · Telaio: 49,5 mm · Anta: 70 mm
RENOVATIE - Vin: 40 mm · Kozijn: 49,5 mm · Vleugel: 70 mm



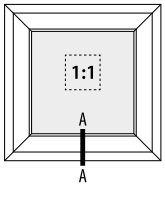


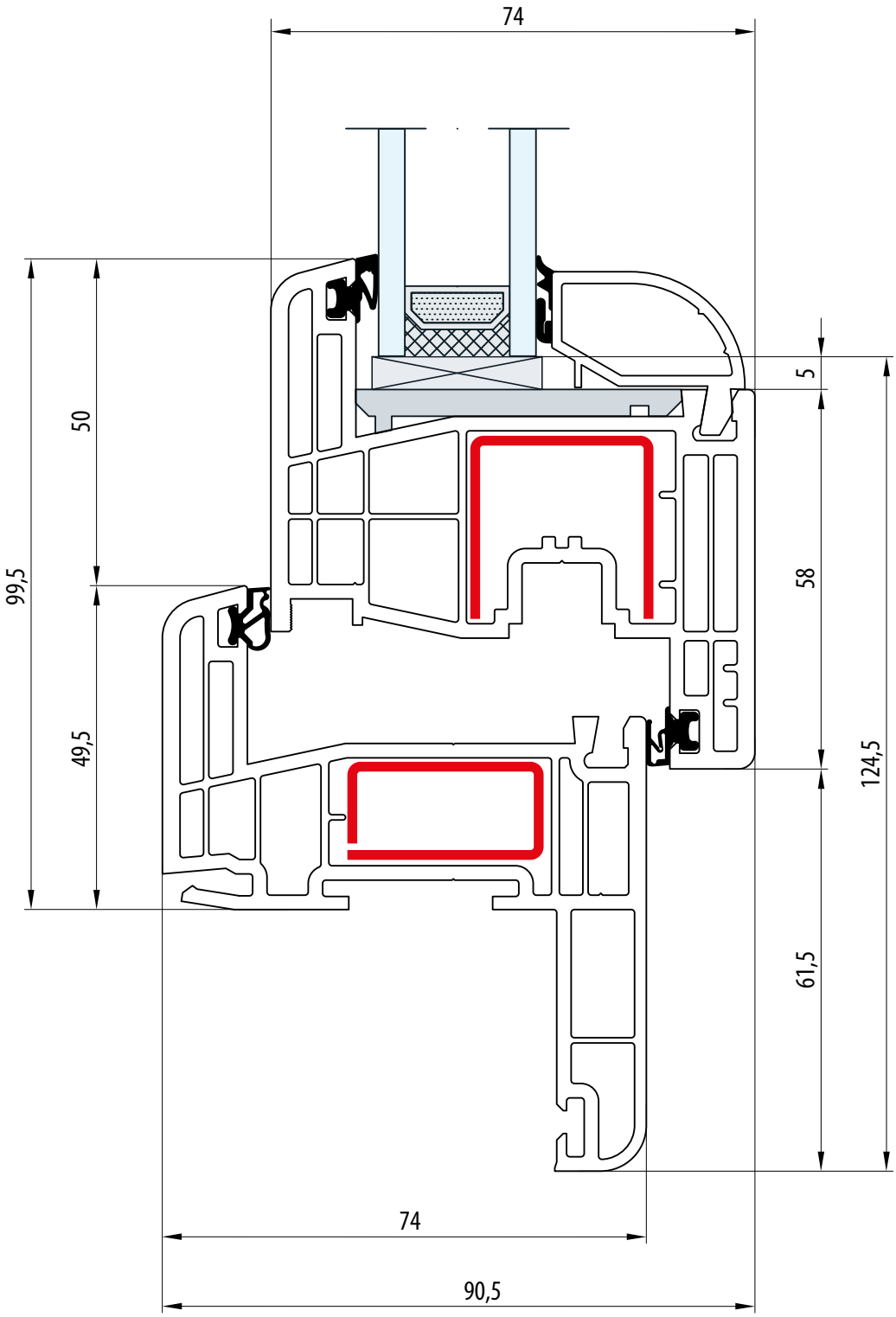
RENOWACJA - Płetwa: 40 mm · Rama: 49,5 mm · Skrzydło: 105 mm
RÉNOVATION - Lip: 40 mm · Dormant: 49,5 mm · Vantail: 105 mm
RENOVATION - Strip: 40 mm · Frame: 49,5 mm · Sash: 105 mm
RENOVIERUNG - Flosse: 40 mm · Rahmen: 49,5 mm · Flügel: 105 mm
RINNOVAZIONE - Aletta da: 40 mm · Telaio: 49,5 mm · Anta: 105 mm
RENOVATIE - Vin: 40 mm · Kozijn: 49,5 mm · Vleugel: 105 mm



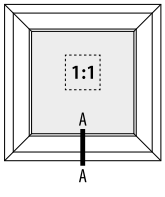


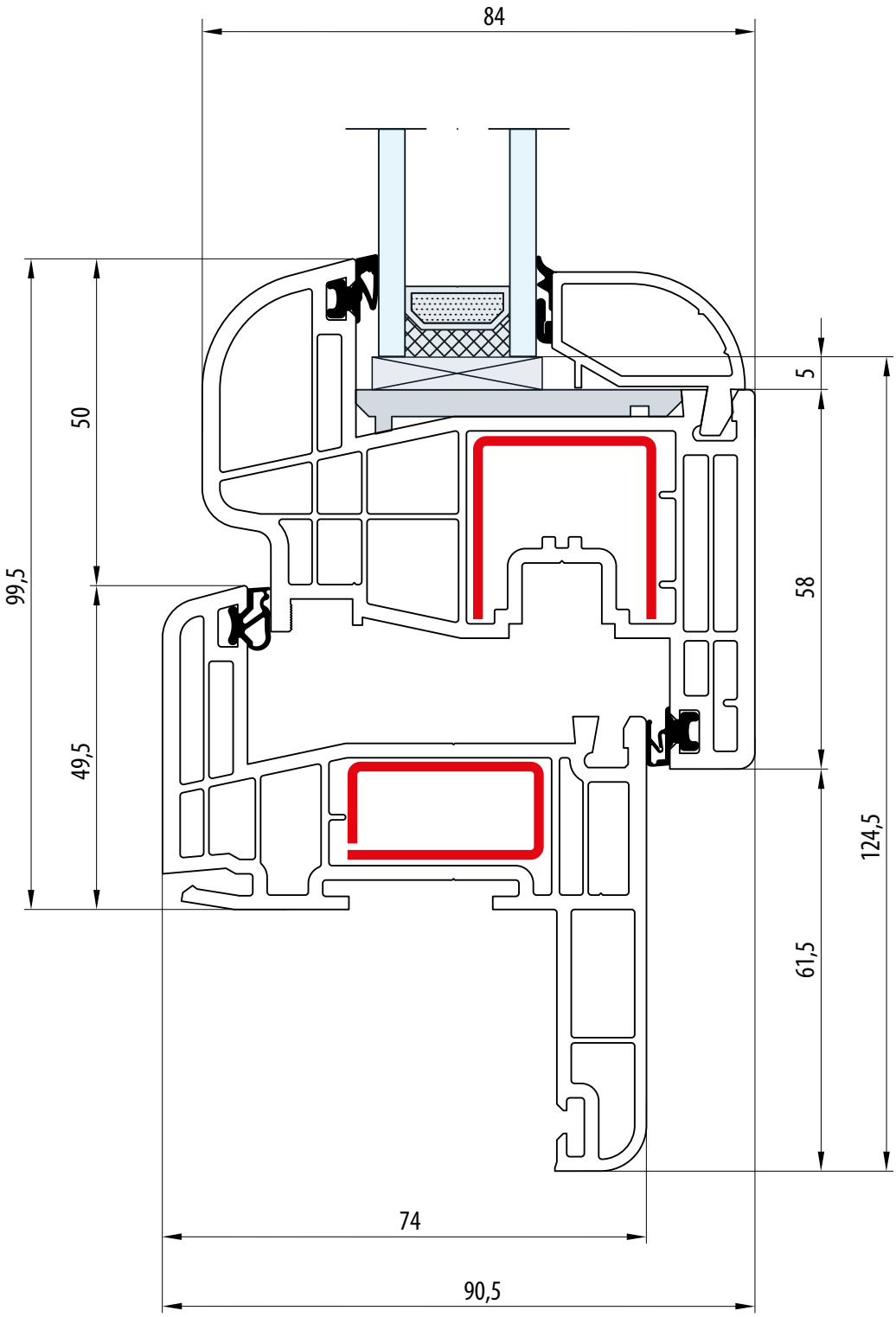
RENOWACJA - Płetwa: 40 mm · Rama: 49,5 mm · Skrzydło: 78 mm
RÉNOVATION - Lip: 40 mm · Dormant: 49,5 mm · Vantail: 78 mm
RENOVATION - Strip: 40 mm · Frame: 49,5 mm · Sash: 78 mm
RENOVIERUNG - Flosse: 40 mm · Rahmen: 49,5 mm · Flügel: 78 mm
RINNOVAZIONE - Aletta da: 40 mm · Telaio: 49,5 mm · Anta: 78 mm
RENOVATIE - Vin: 40 mm · Kozijn: 49,5 mm · Vleugel: 78 mm



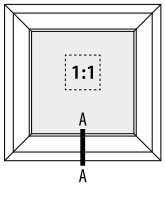


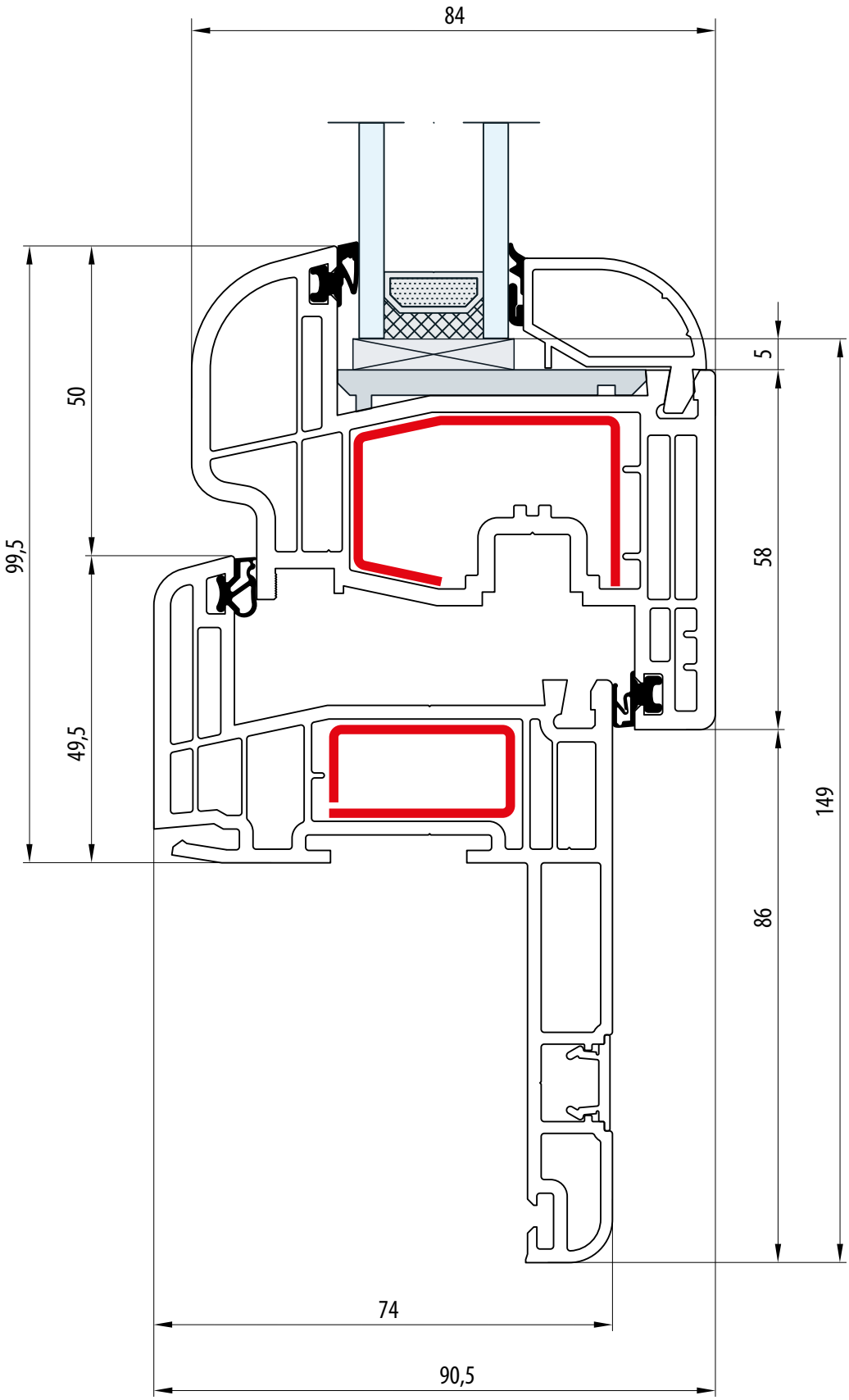
RENOWACJA - Płetwa: 40 mm · Rama: 49,5 mm · Skrzydło: 78 mm
RÉNOVATION - Lip: 40 mm · Dormant: 49,5 mm · Vantail: 78 mm
RENOVATION - Strip: 40 mm · Frame: 49,5 mm · Sash: 78 mm
RENOVIERUNG - Flosse: 40 mm · Rahmen: 49,5 mm · Flügel: 78 mm
RINNOVAZIONE - Aletta da: 40 mm · Telaio: 49,5 mm · Anta: 78 mm
RENOVATIE - Vin: 40 mm · Kozijn: 49,5 mm · Vleugel: 78 mm



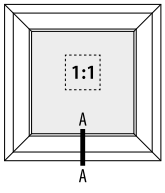


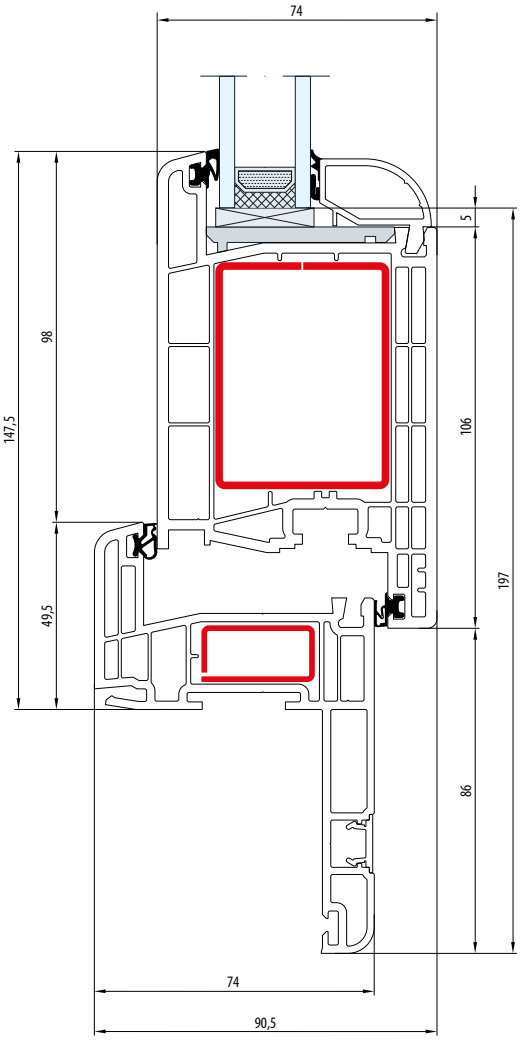
RENOWACJA - Płetwa: 40 mm · Rama: 49,5 mm · Skrzydło: 78 mm
RÉNOVATION - Lip: 40 mm · Dormant: 49,5 mm · Vantail: 78 mm
RENOVATION - Strip: 40 mm · Frame: 49,5 mm · Sash: 78 mm
RENOVIERUNG - Flosse: 40 mm · Rahmen: 49,5 mm · Flügel: 78 mm
RINNOVAZIONE - Aletta da: 40 mm · Telaio: 49,5 mm · Anta: 78 mm
RENOVATIE - Vin: 40 mm · Kozijn: 49,5 mm · Vleugel: 78 mm



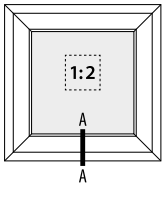


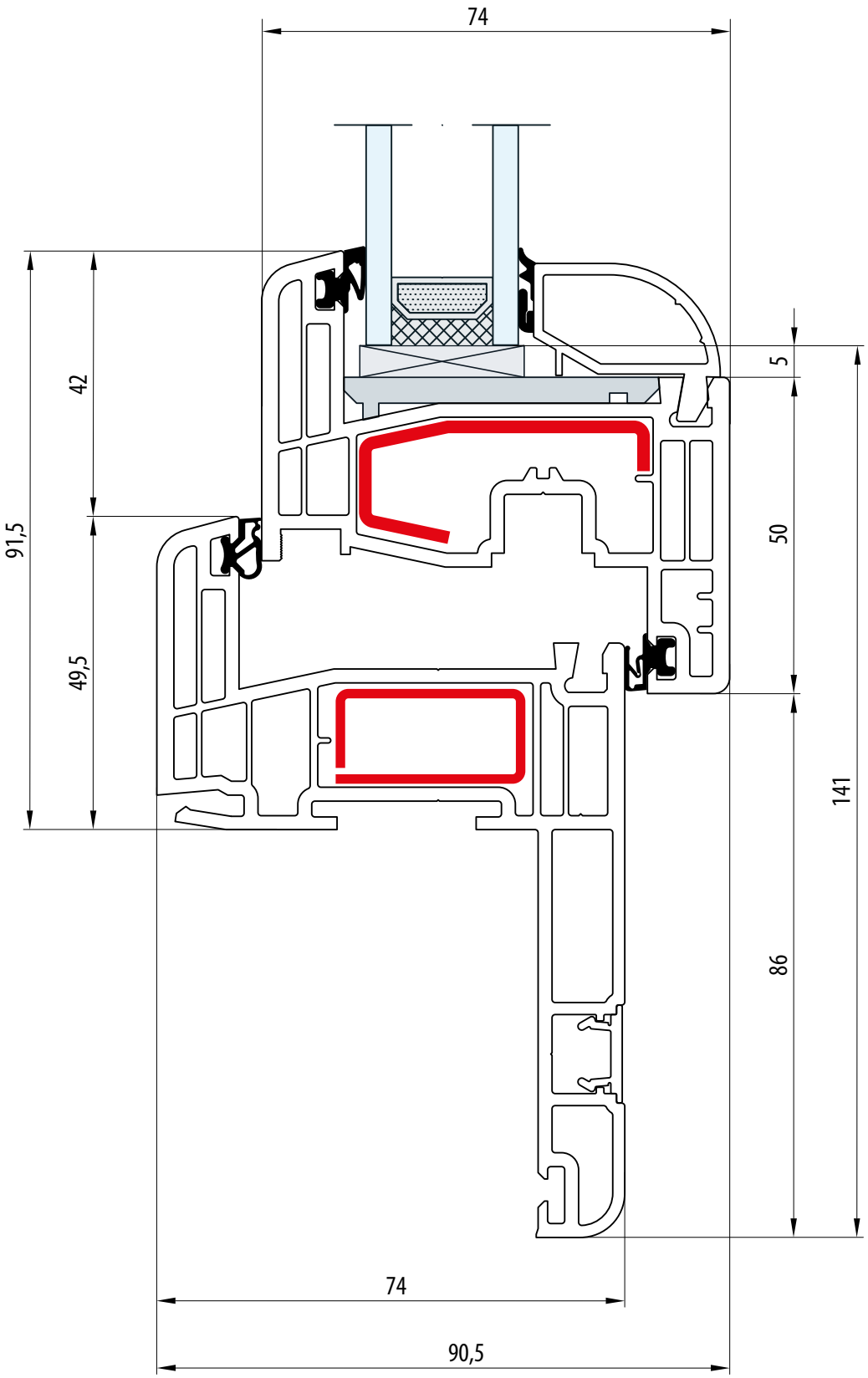
RENOWACJA - Płetwa: 64,5 mm · Rama: 49,5 mm · Skrzydło: 78 mm
RÉNOVATION - Lip: 64,5 mm · Dormant: 49,5 mm · Vantail: 78 mm
RENOVATION - Strip: 64,5 mm · Frame: 49,5 mm · Sash: 78 mm
RENOVIERUNG - Flosse: 64,5 mm · Rahmen: 49,5 mm · Flügel: 78 mm
RINNOVAZIONE - Aletta da: 64,5 mm · Telaio: 49,5 mm · Anta: 78 mm
RENOVATIE - Vin: 64,5 mm · Kozijn: 49,5 mm · Vleugel: 78 mm



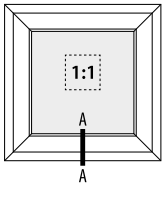


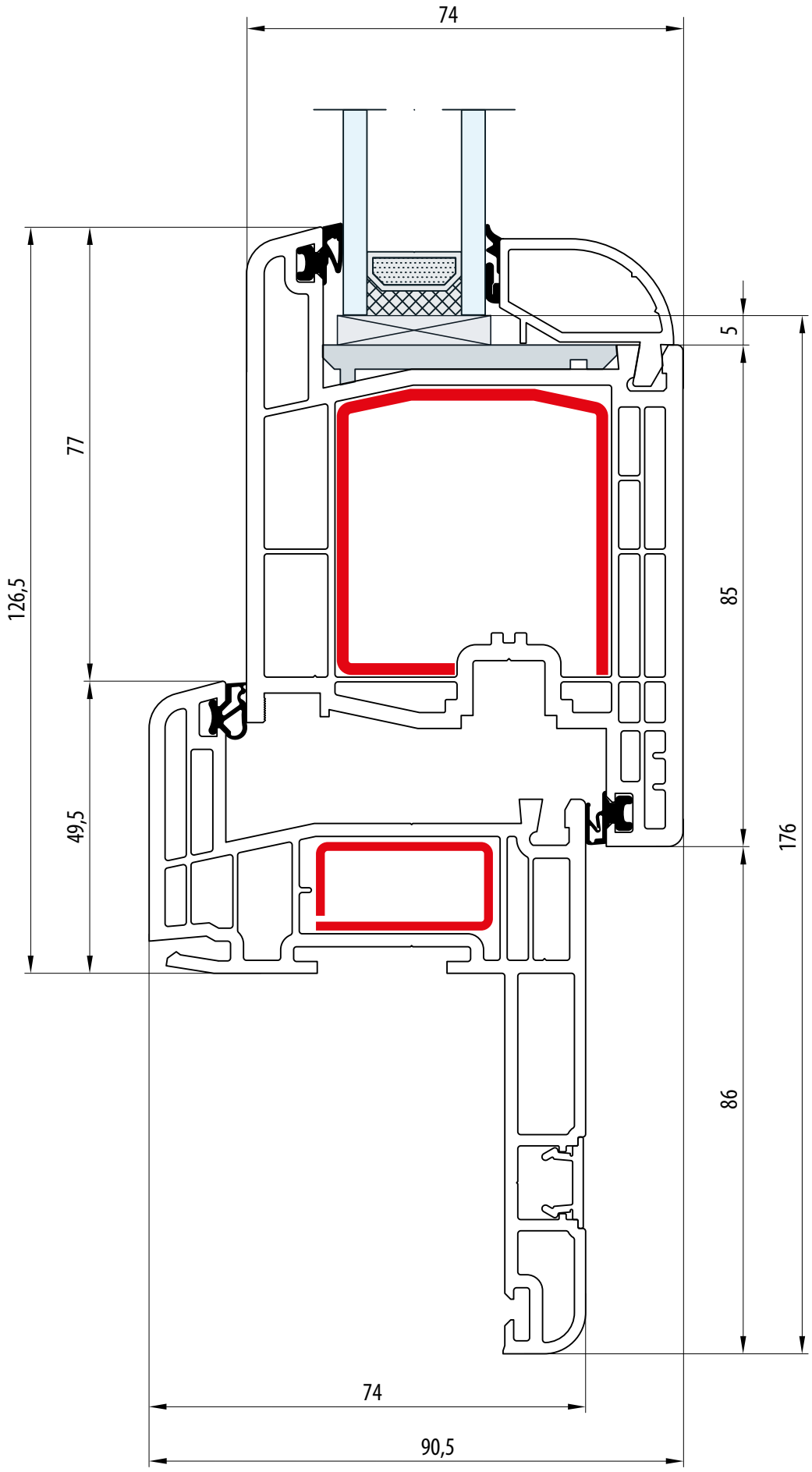
RENOWACJA - Płetwa: 64,5 mm · Rama: 49,5 mm · Skrzydło: 126 mm
RÉNOVATION - Lip: 64,5 mm · Dormant: 49,5 mm · Vantail: 126 mm
RENOVATION - Strip: 64,5 mm · Frame: 49,5 mm · Sash: 126 mm
RENOVIERUNG - Flosse: 64,5 mm · Rahmen: 49,5 mm · Flügel: 126 mm
RINNOVAZIONE - Aletta da: 64,5 mm · Telaio: 49,5 mm · Anta: 126 mm
RENOVATIE - Vin: 64,5 mm · Kozijn: 49,5mm · Vleugel: 126 mm



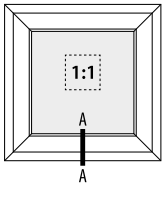


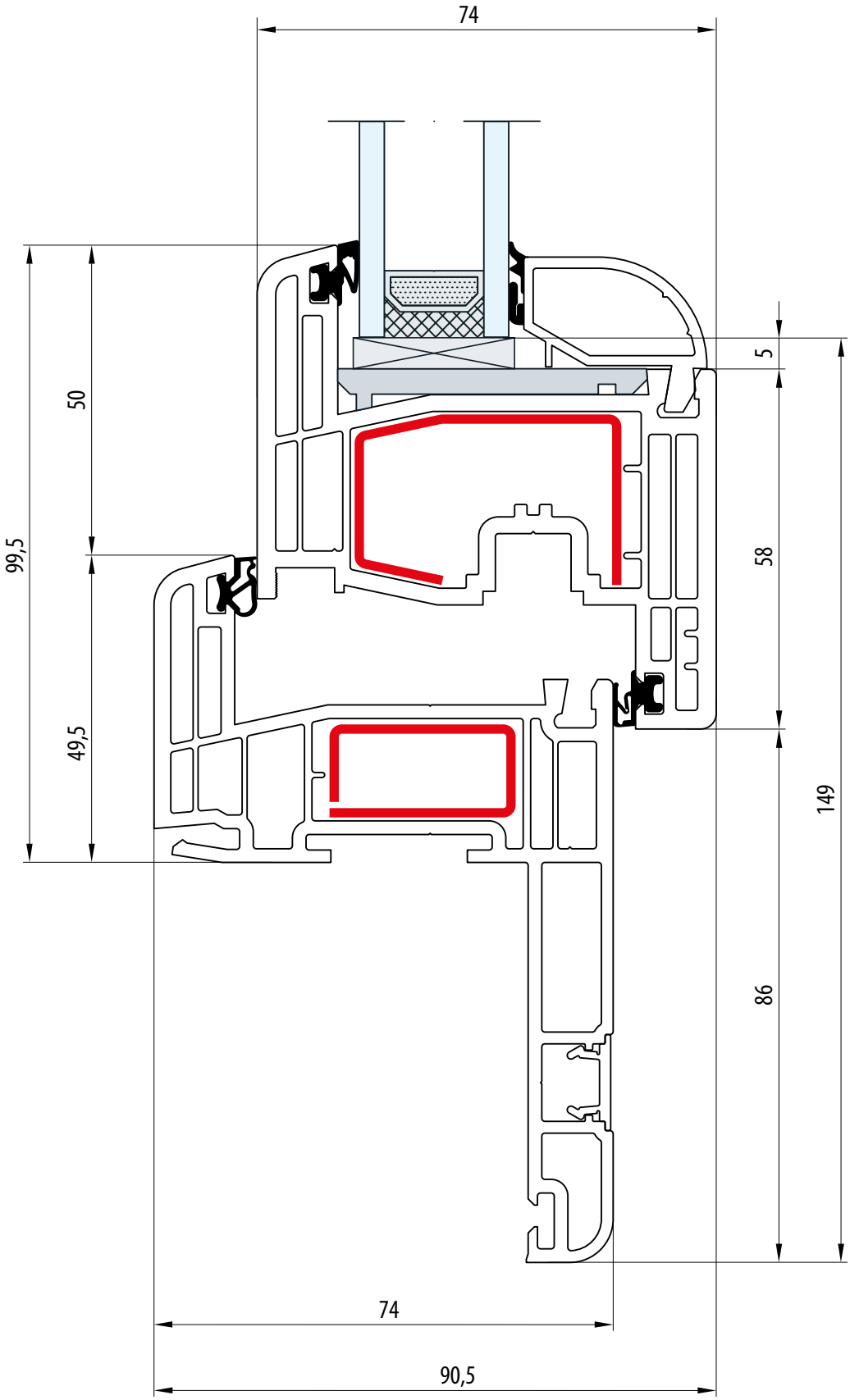
RENOWACJA - Płetwa: 64,5 mm · Rama: 49,5 mm · Skrzydło: 70 mm
RÉNOVATION - Lip: 64,5 mm · Dormant: 49,5 mm · Vantail: 70 mm
RENOVATION - Strip: 64,5 mm · Frame: 49,5mm · Sash: 70 mm
RENOVIERUNG - Flosse: 64,5 mm · Rahmen: 49,5 mm · Flügel: 70 mm
RINNOVAZIONE - Aletta da: 64,5 mm · Telaio: 49,5 mm · Anta: 70 mm
RENOVATIE - Vin: 64,5 mm · Kozijn: 49,5 mm · Vleugel: 70 mm



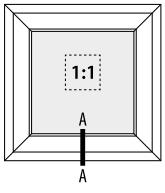


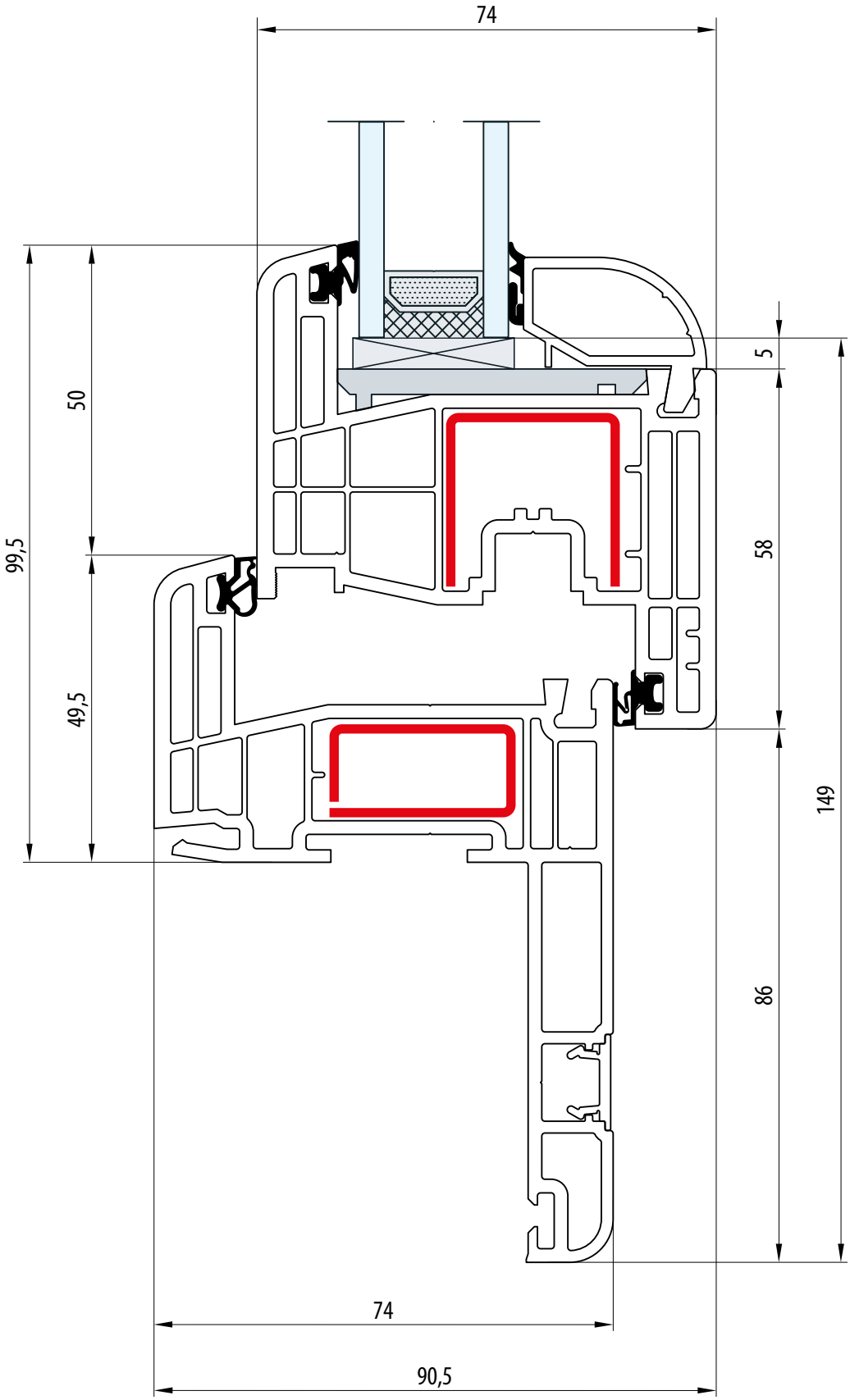
RENOWACJA - Płetwa: 64,5 mm · Rama: 49,5 mm · Skrzydło: 105 mm
RÉNOVATION - Lip: 64,5 mm · Dormant: 49,5 mm · Vantail: 105 mm
RENOVATION - Strip: 64,5 mm · Frame: 49,5 mm · Sash: 105 mm
RENOVIERUNG - Flosse: 64,5 mm · Rahmen: 49,5 mm · Flügel: 105 mm
RINNOVAZIONE - Aletta da: 64,5 mm · Telaio: 49,5 mm · Anta: 105mm
RENOVATIE - Vin: 64,5 mm · Kozijn: 49,5 mm · Vleugel: 105 mm



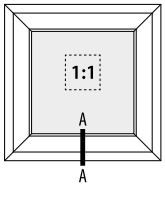


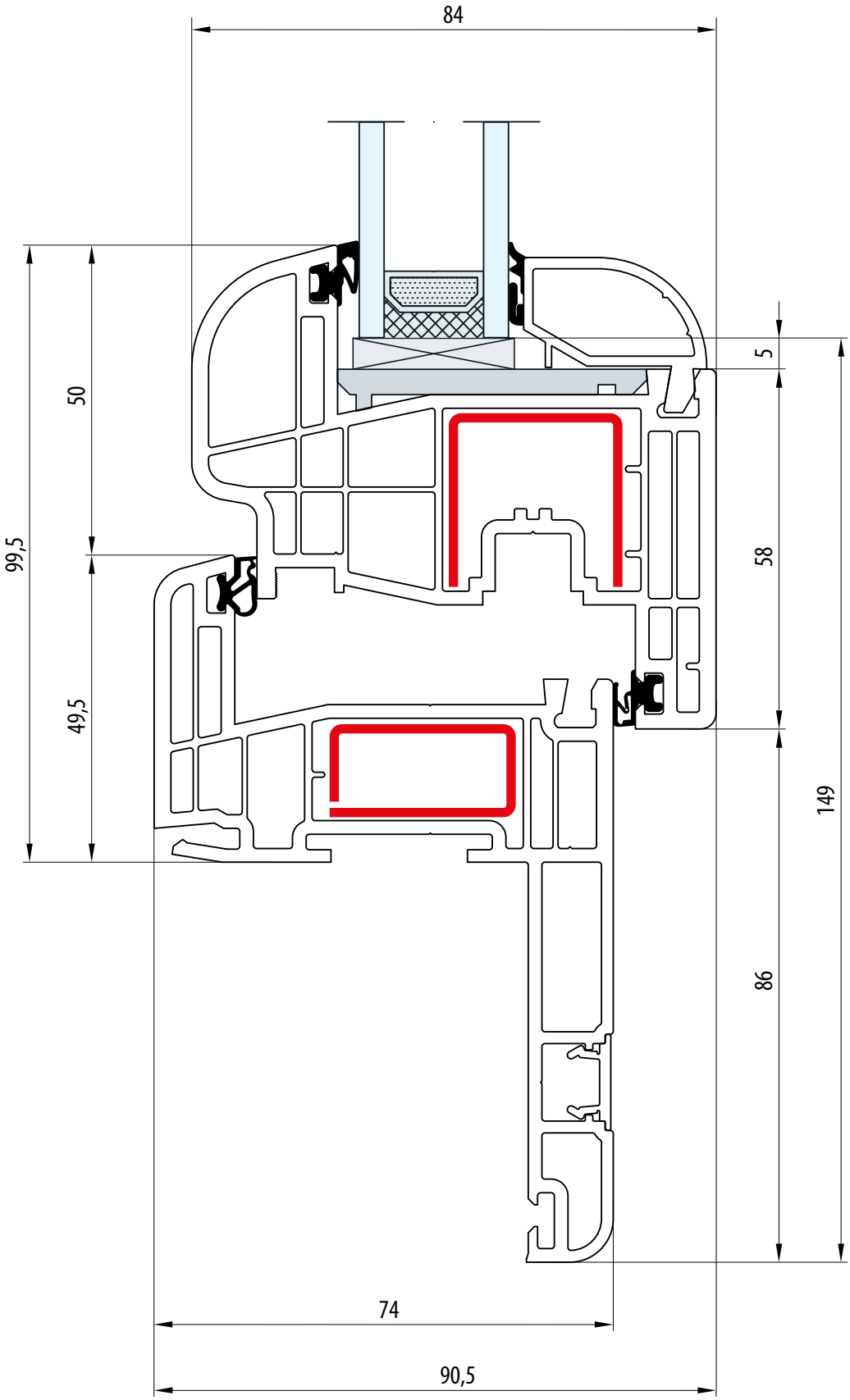
RENOWACJA - Płetwa: 64,5 mm · Rama: 49,5 mm · Skrzydło: 78 mm
RÉNOVATION - Lip: 64,5 mm · Dormant: 49,5 mm · Vantail: 78 mm
RENOVATION - Strip: 64,5 mm · Frame: 49,5 mm · Sash: 78 mm
RENOVIERUNG - Flosse: 64,5 mm · Rahmen: 49,5 mm · Flügel: 78 mm
RINNOVAZIONE - Aletta da: 64,5 mm · Telaio: 49,5 mm · Anta: 78 mm
RENOVATIE - Vin: 64,5 mm · Kozijn: 49,5 mm · Vleugel: 78 mm



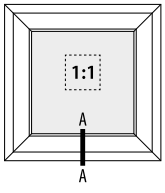


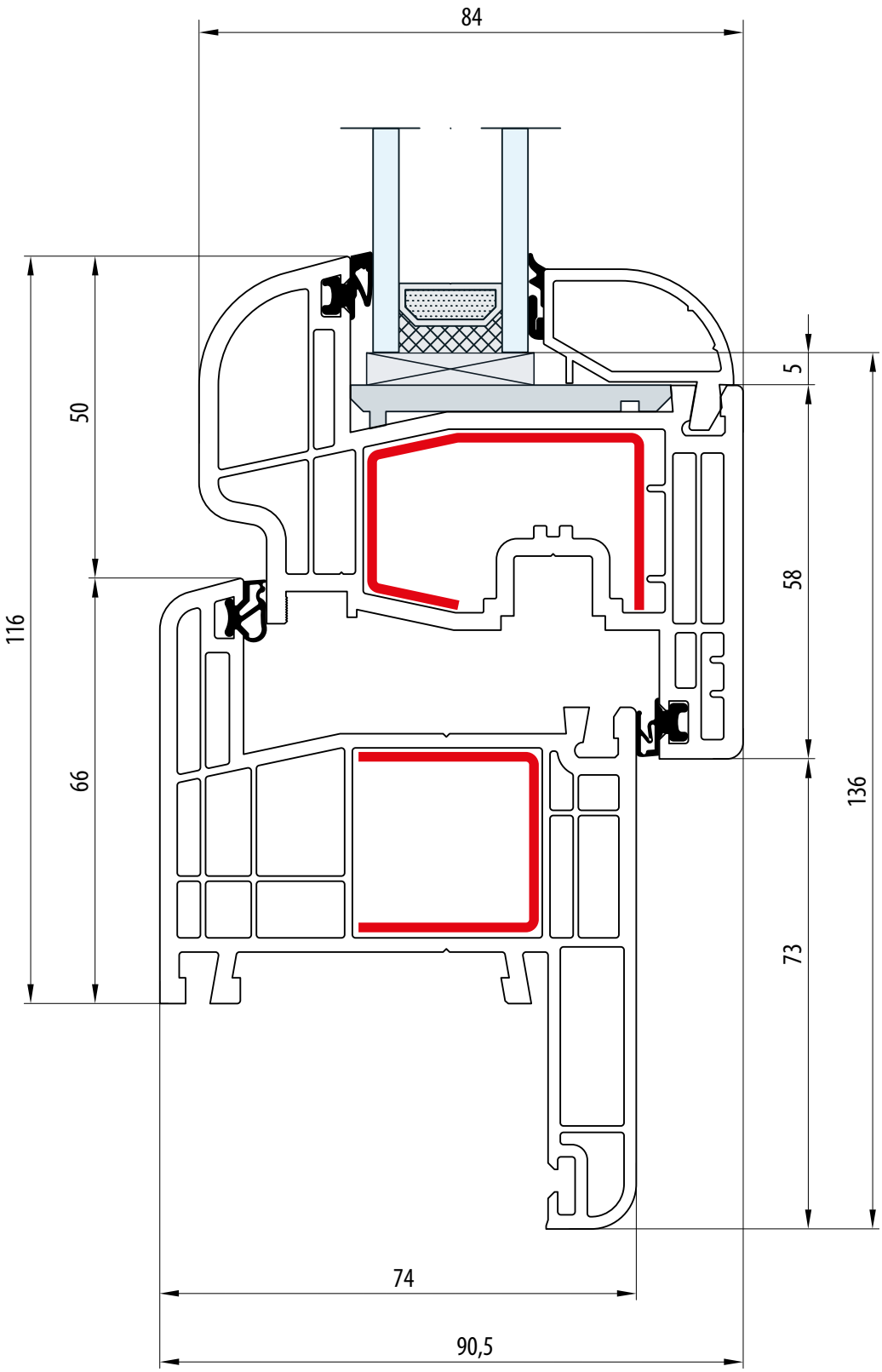
RENOWACJA - Płetwa: 64,5 mm · Rama: 49,5 mm · Skrzydło: 78 mm
RÉNOVATION - Lip: 64,5 mm · Dormant: 49,5 mm · Vantail: 78 mm
RENOVATION - Strip: 64,5 mm · Frame: 49,5 mm · Sash: 78 mm
RENOVIERUNG - Flosse: 64,5 mm · Rahmen: 49,5 mm · Flügel: 78 mm
RINNOVAZIONE - Aletta da: 64,5 mm · Telaio: 49,5 mm · Anta: 78 mm
RENOVATIE - Vin: 64,5 mm · Kozijn: 49,5 mm · Vleugel: 78 mm



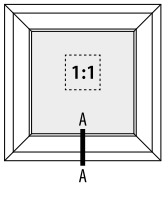


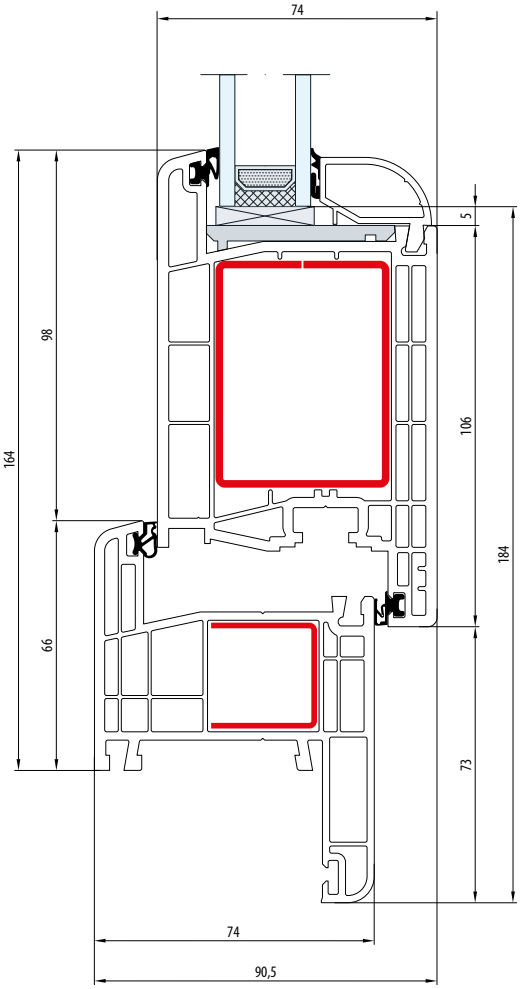
RENOWACJA - Płetwa: 64,5 mm · Rama: 49,5 mm · Skrzydło: 78 mm
RÉNOVATION - Lip: 64,5 mm · Dormant: 49,5 mm · Vantail: 78 mm
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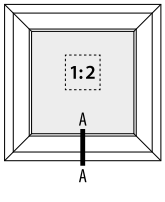


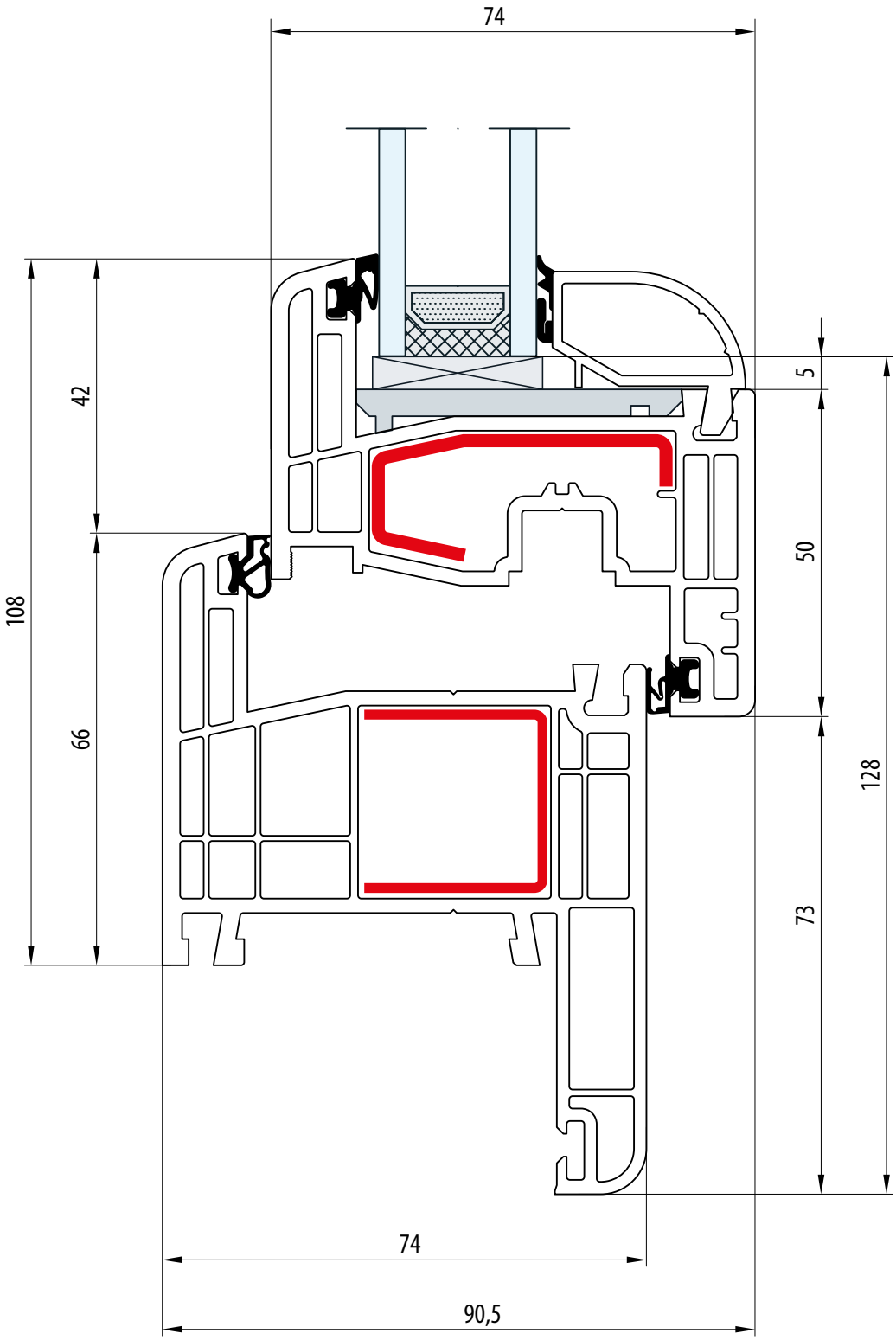
RENOWACJA - Płetwa: 35 mm · Rama: 66 mm · Skrzydło: 78 mm
RÉNOVATION - Lip: 35 mm · Dormant: 66 mm · Vantail: 78 mm
RENOVATION - Strip: 35 mm · Frame: 66 mm · Sash: 78 mm
RENOVIERUNG - Flosse: 35 mm · Rahmen: 66 mm · Flügel: 78 mm
RINNOVAZIONE - Aletta da: 35 mm · Telaio: 66 mm · Anta: 78 mm
RENOVATIE - Vin: 35 mm · Kozijn: 66 mm · Vleugel: 78 mm



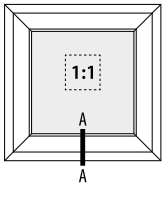


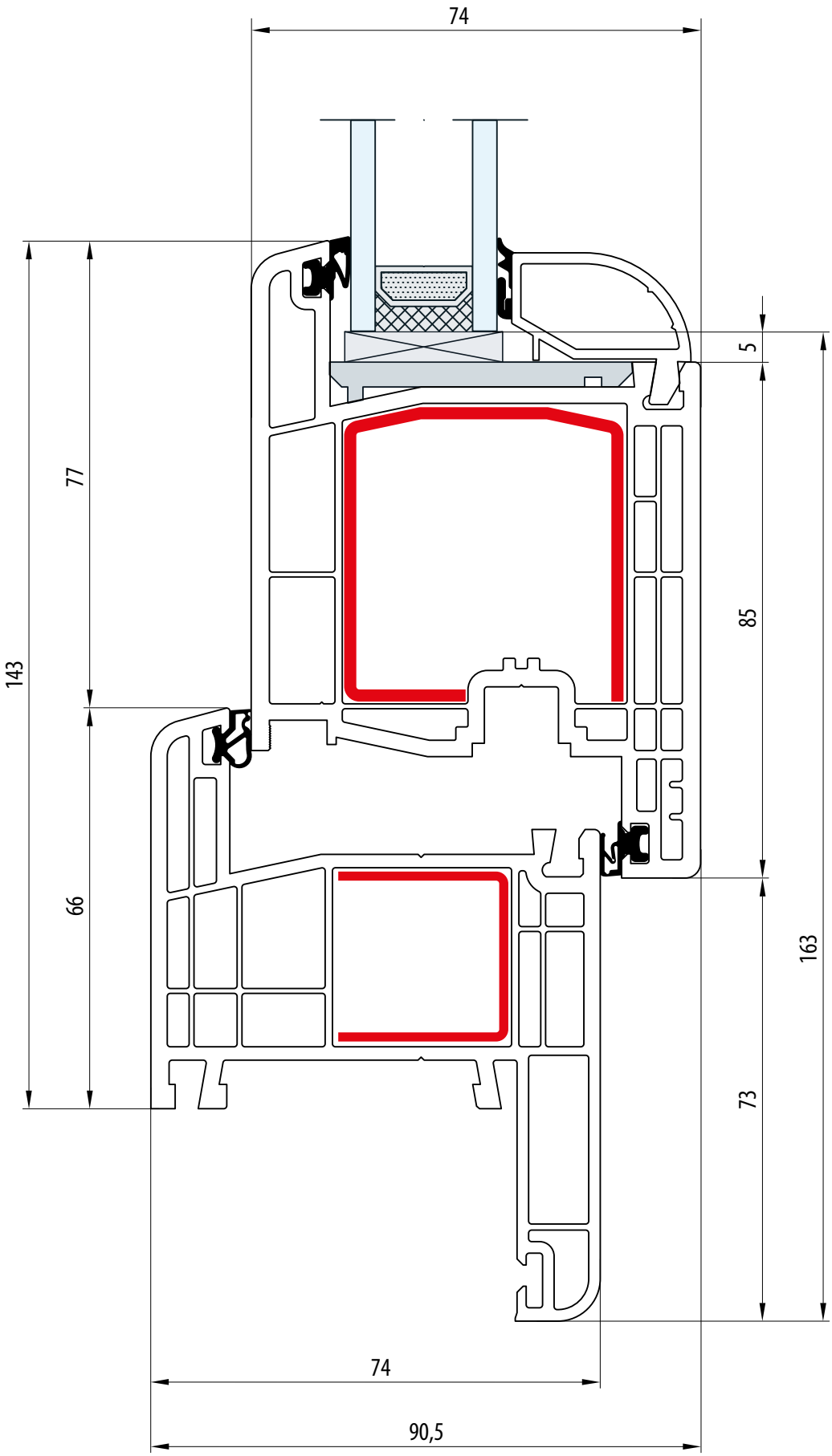
RENOWACJA - Płetwa: 35 mm · Rama: 66 mm · Skrzydło: 126 mm
RÉNOVATION - Lip: 35 mm · Dormant: 66 mm · Vantail: 126 mm
RENOVATION - Strip: 35 mm · Frame: 66 mm · Sash: 126 mm
RENOVIERUNG - Flosse: 35 mm · Rahmen: 66 mm · Flügel: 126 mm
RINNOVAZIONE - Aletta da: 35 mm · Telaio: 66 mm · Anta: 126 mm
RENOVATIE - Vin: 35 mm · Kozijn: 66 mm · Vleugel: 126 mm



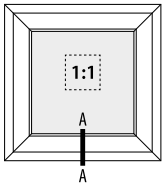


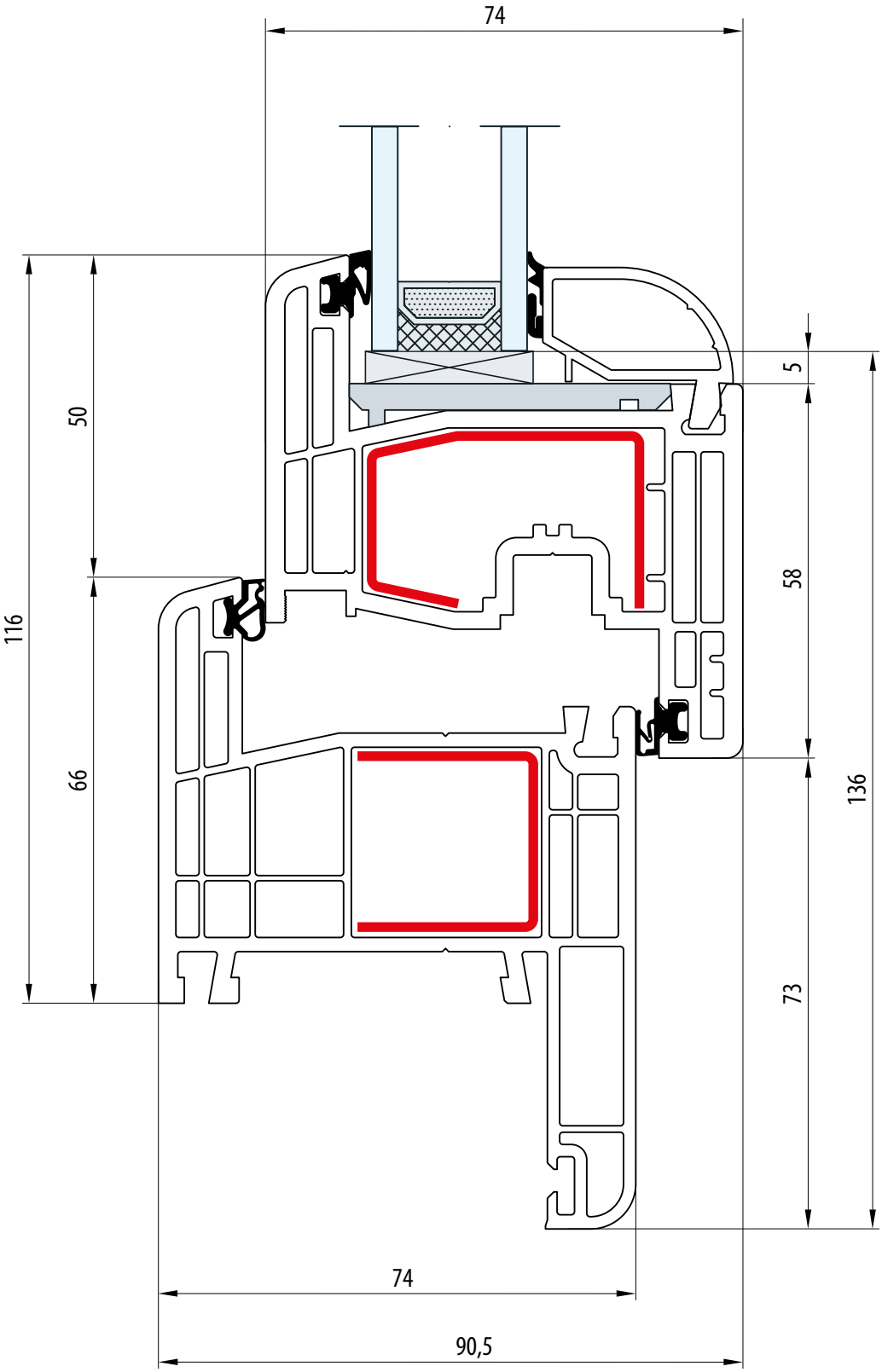
- RENOWACJA - Płetwa: 35 mm · Rama: 66 mm · Skrzydło: 70 mm
- RÉNOVATION - Lip: 35 mm · Dormant: 66 mm · Vantail: 70 mm
- RENOVATION - Strip: 35 mm · Frame: 66 mm · Sash: 70 mm
- RENOVIERUNG - Flosse: 35 mm · Rahmen: 66 mm · Flügel: 70 mm
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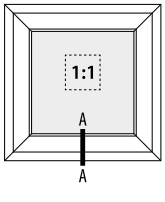


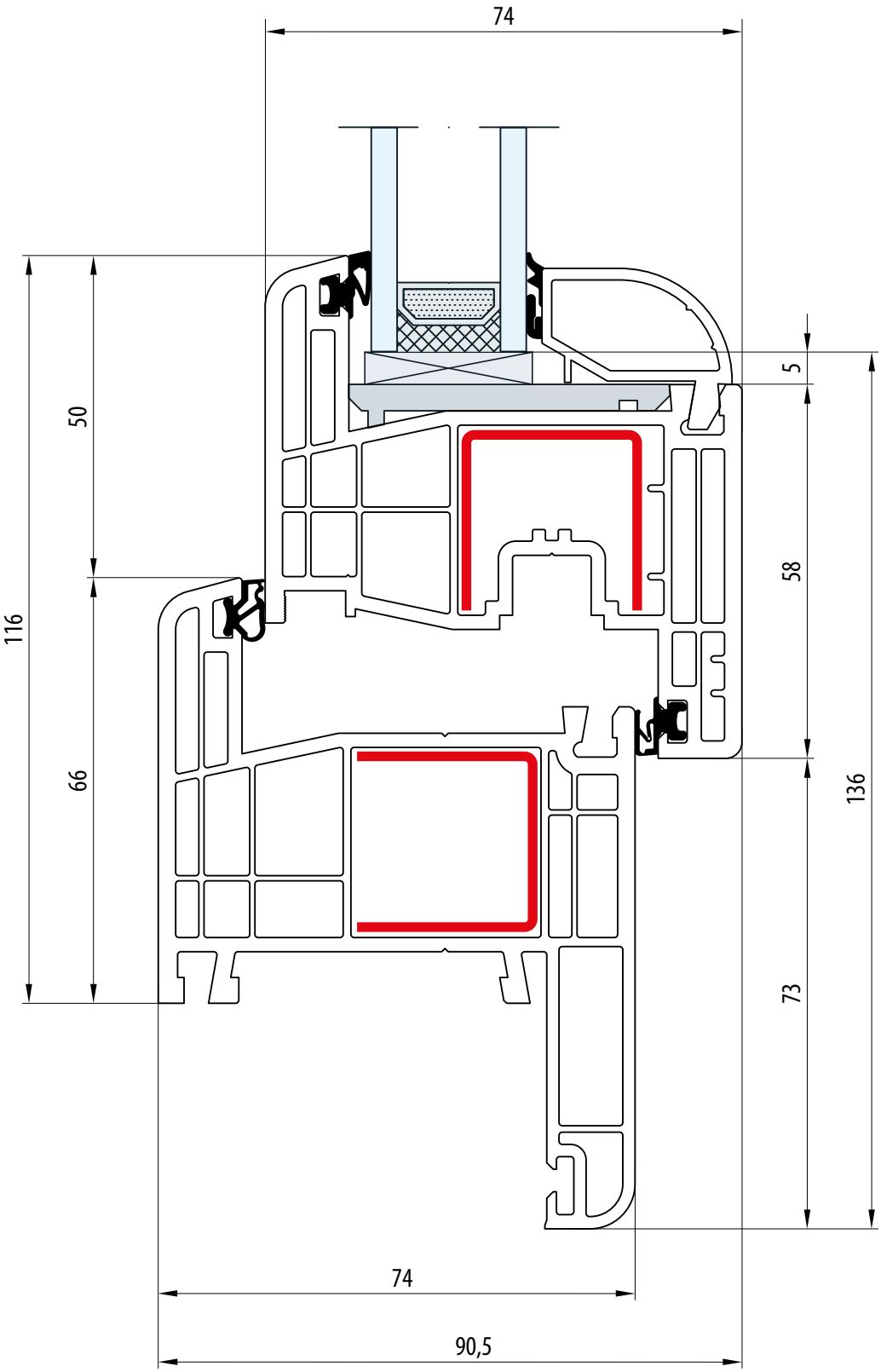
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RENOVATION - Strip: 35 mm · Frame: 66 mm · Sash: 105 mm
RENOVIERUNG - Flosse: 35 mm · Rahmen: 66 mm · Flügel: 105 mm
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RENOVATIE - Vin: 35 mm · Kozijn: 66 mm · Vleugel: 105 mm



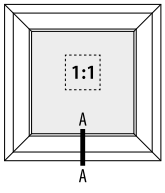


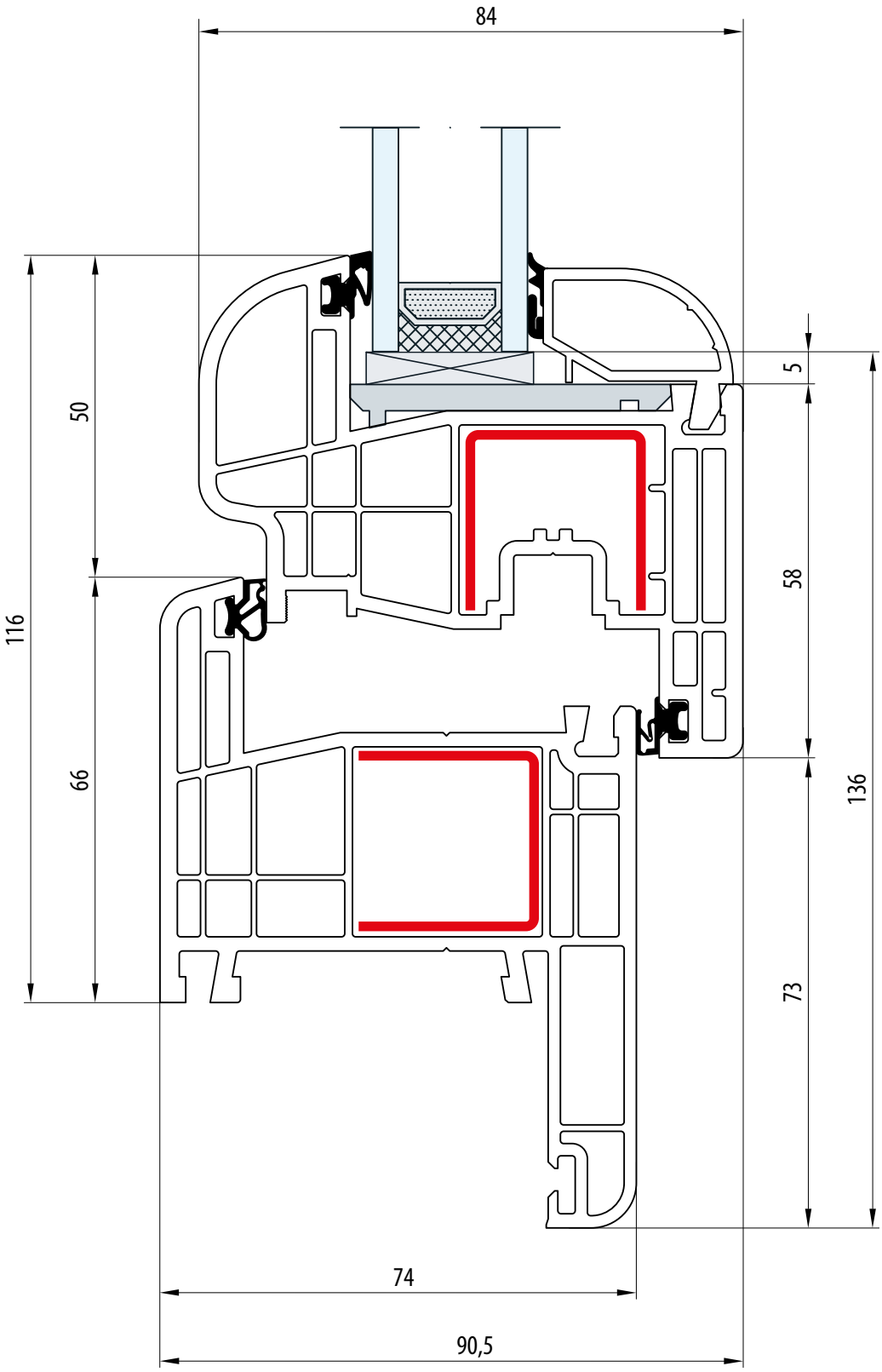
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RENOVATIE - Vin: 35 mm · Kozijn: 66 mm · Vleugel: 78 mm



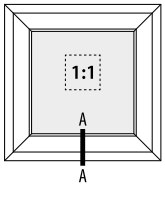


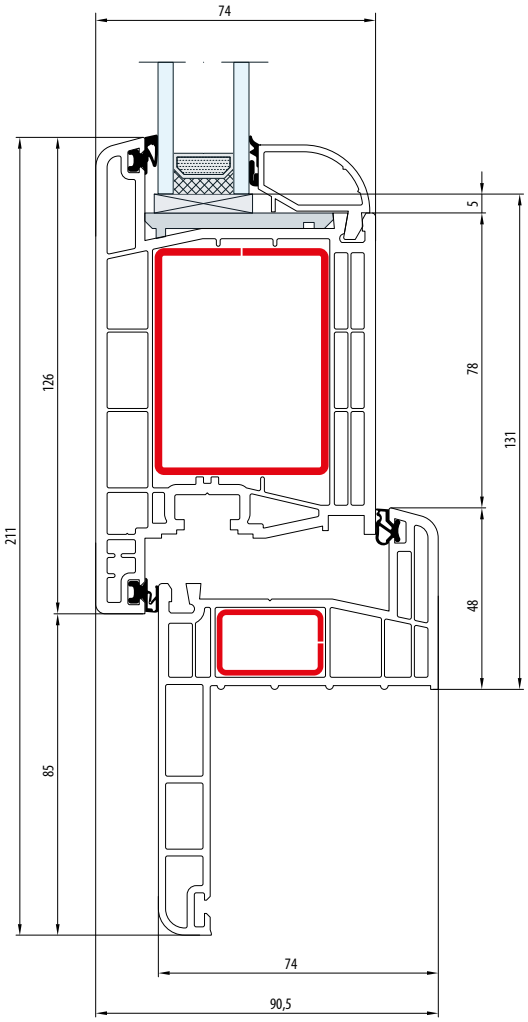
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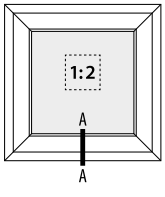


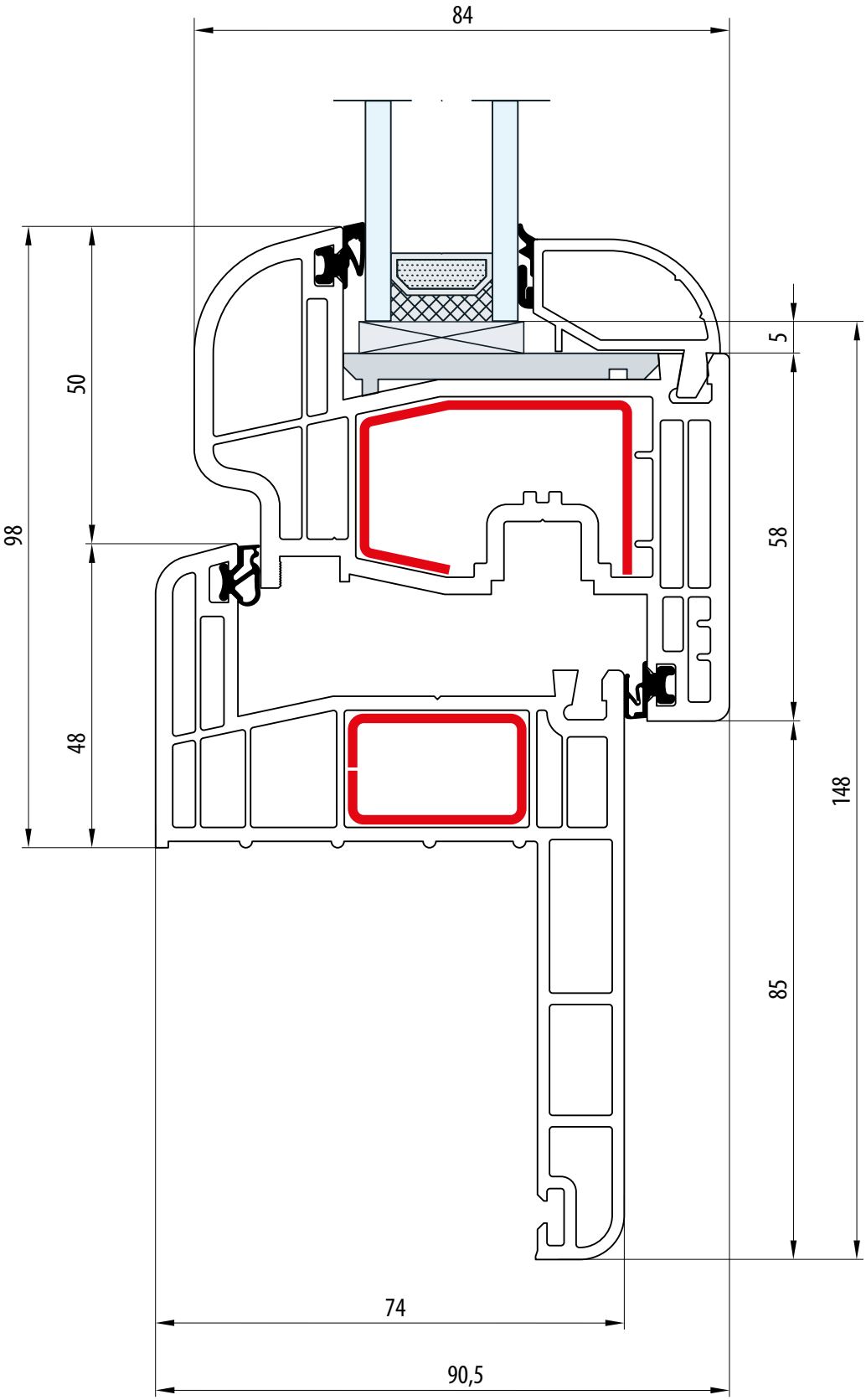
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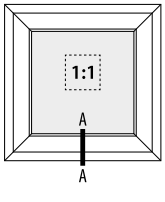


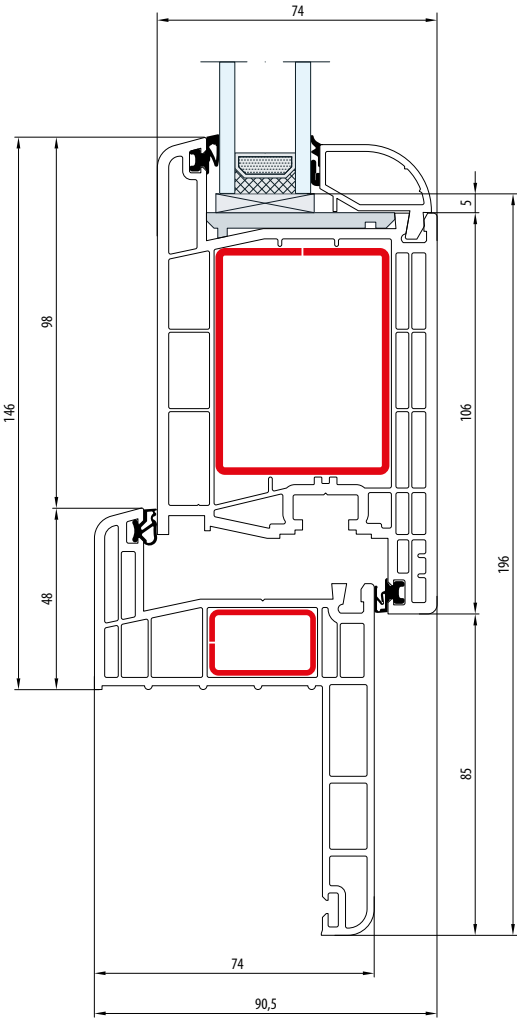
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RENOVATION - Strip: 65 mm · Frame: 48 mm · Sash: 126 mm
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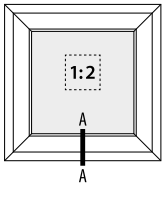


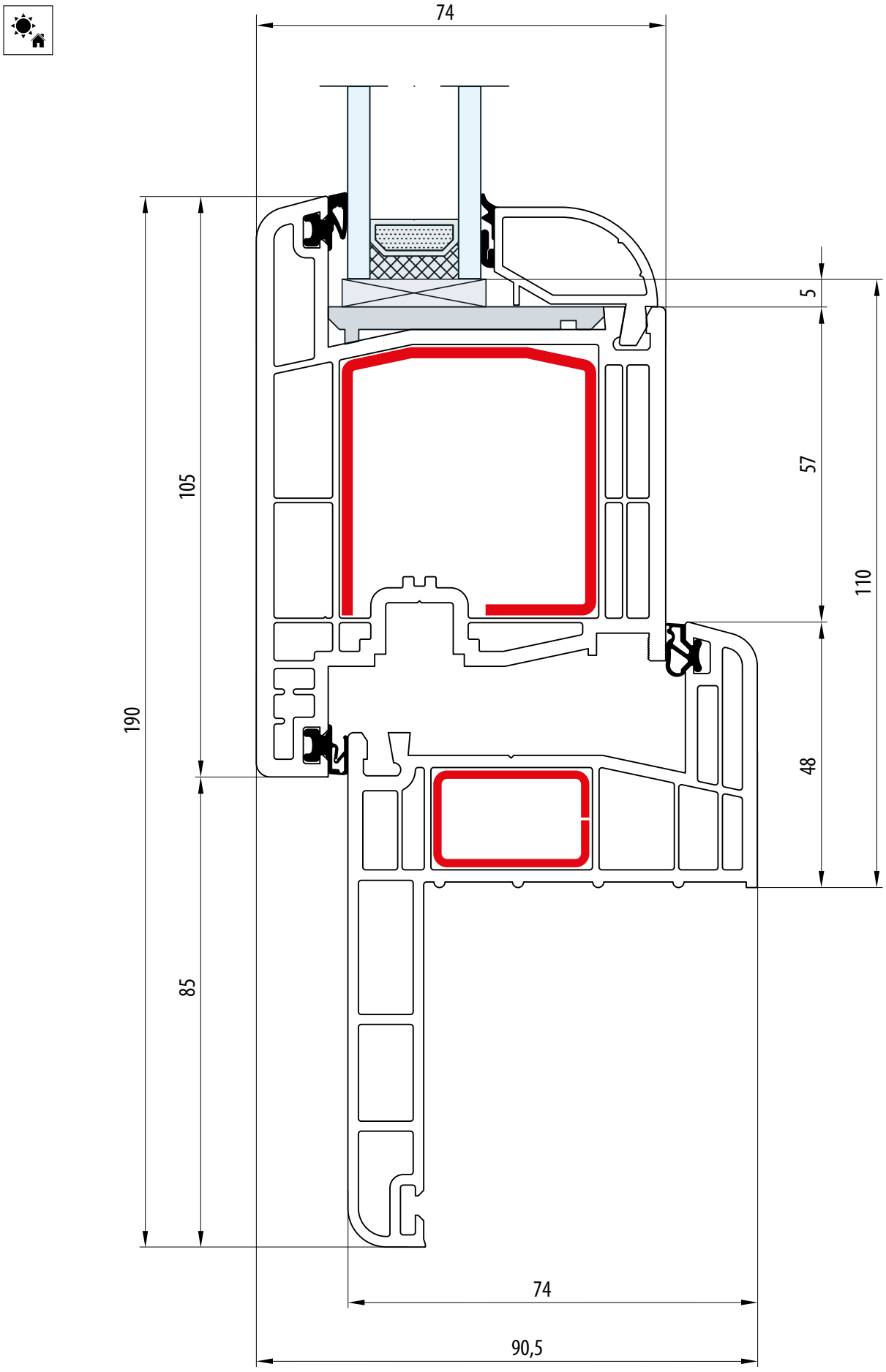
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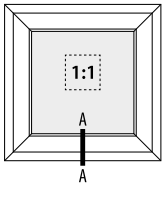


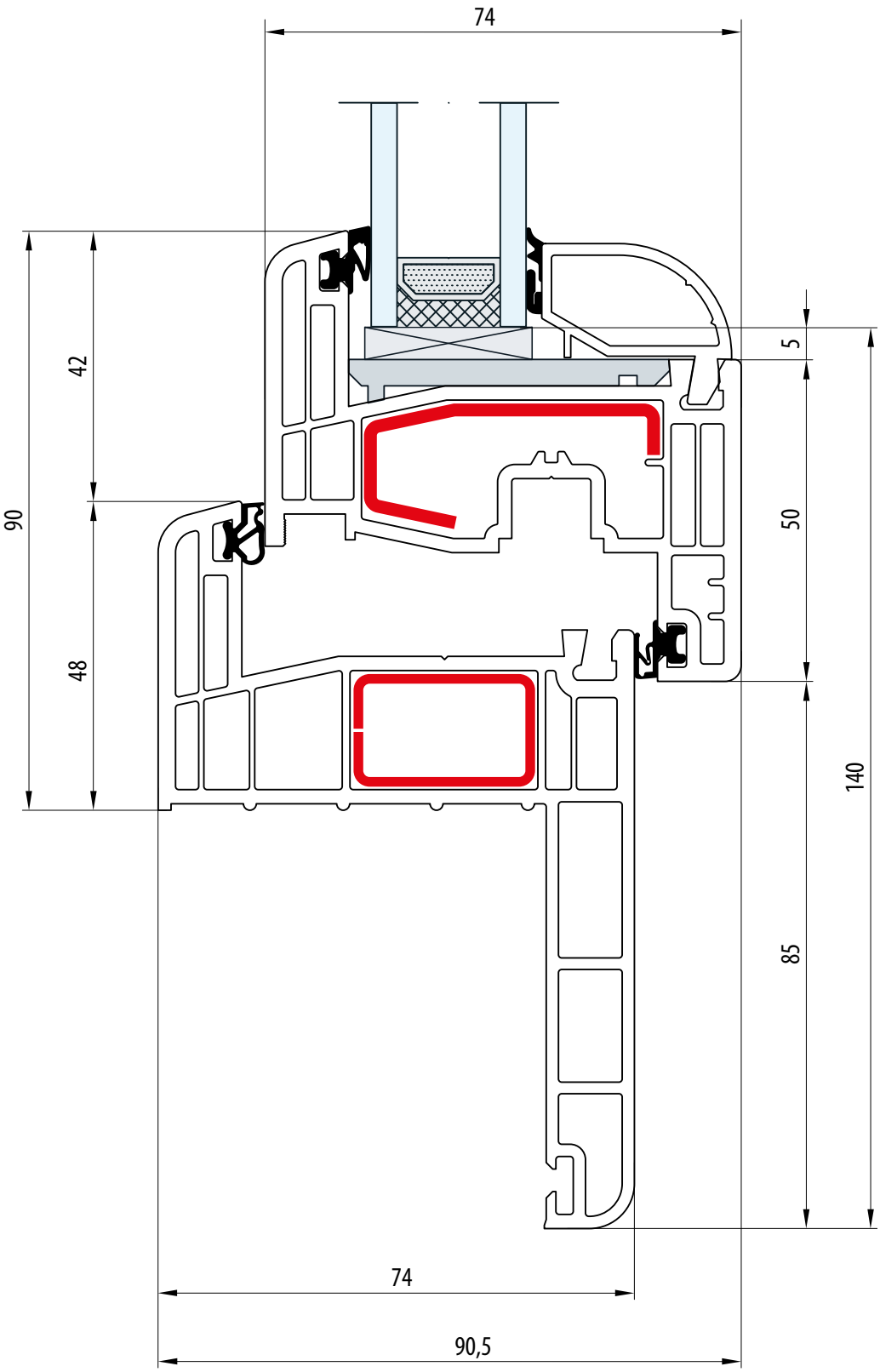
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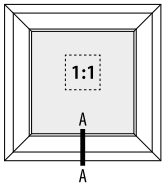


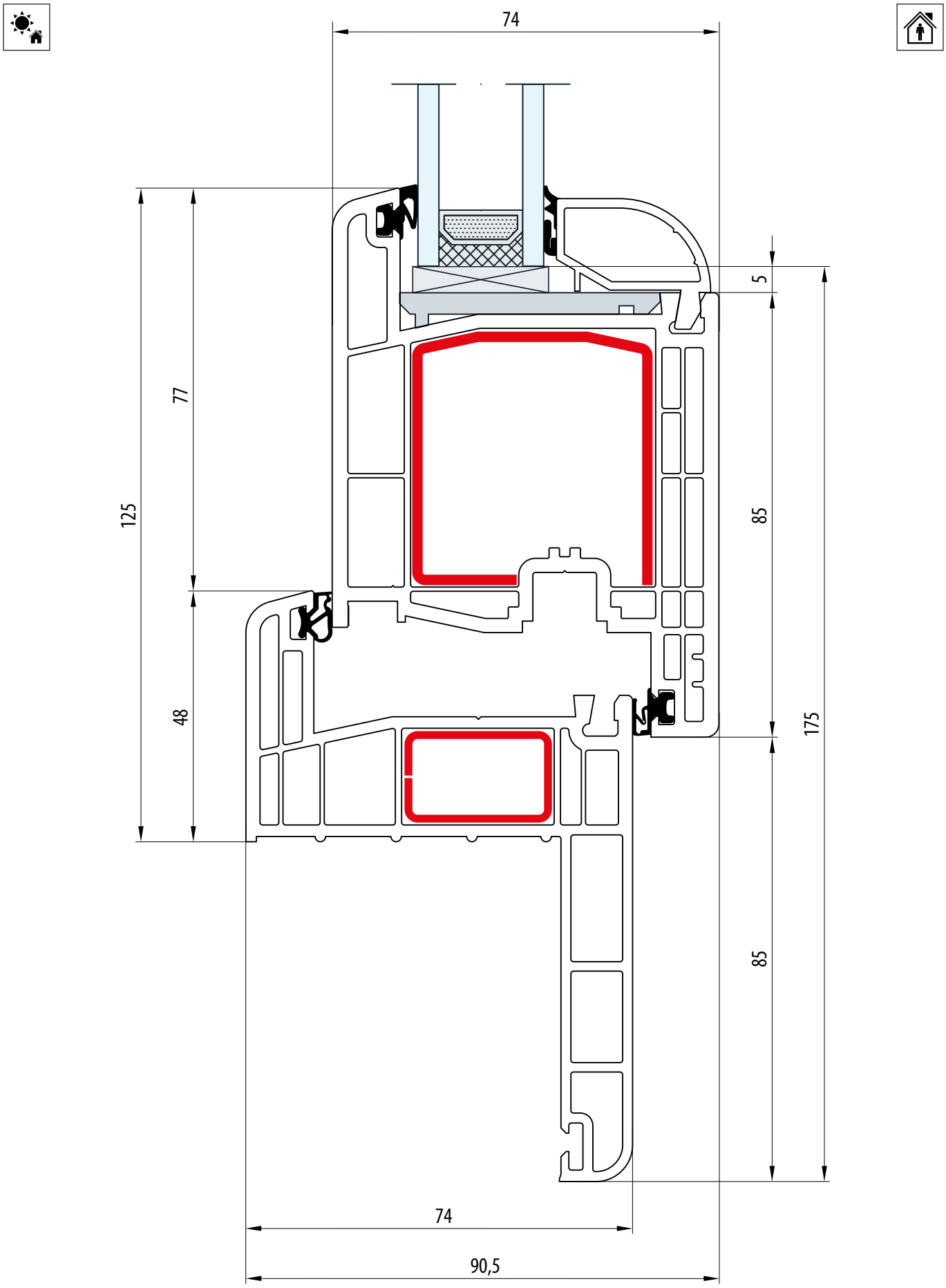
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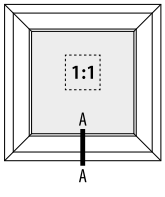


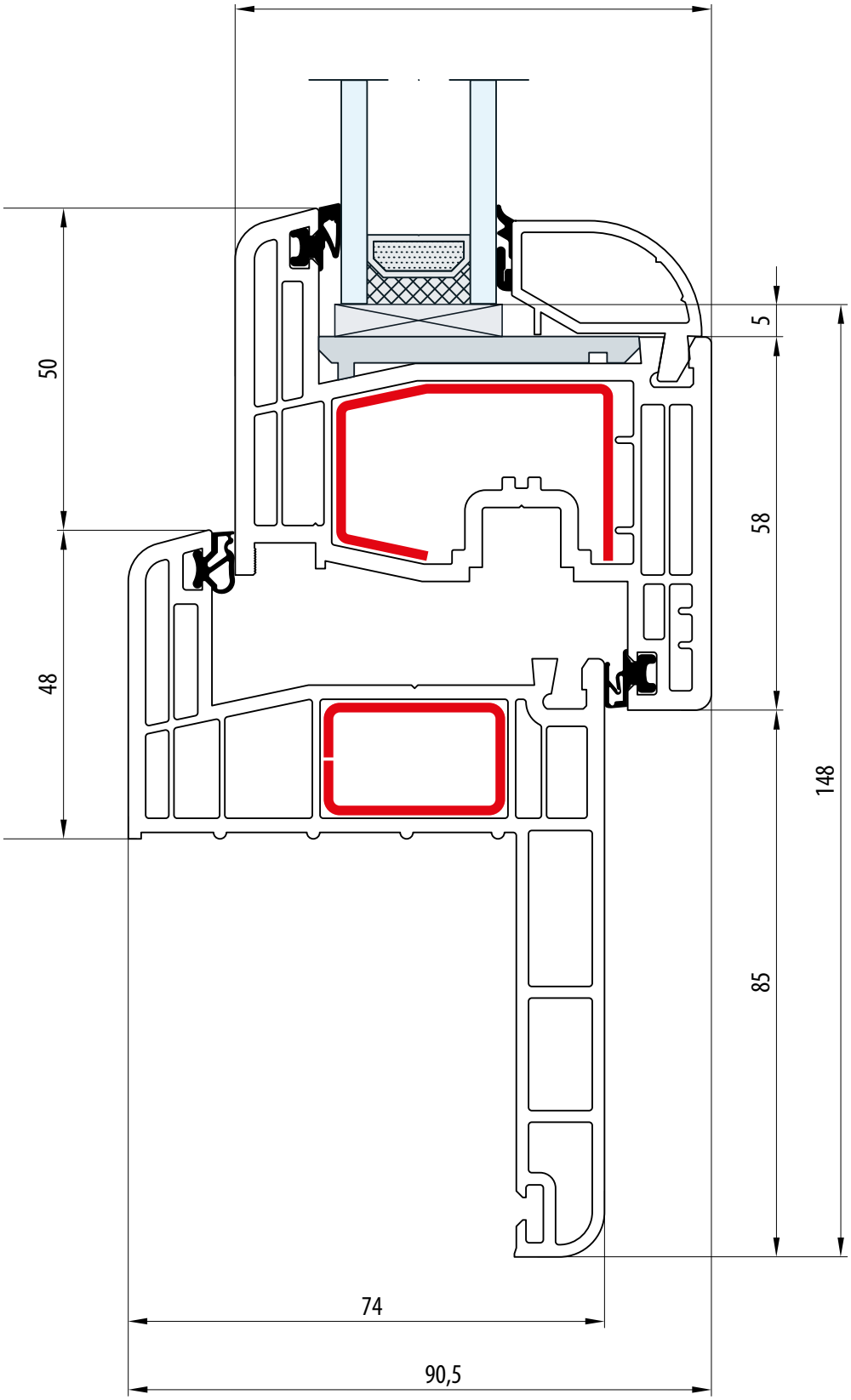
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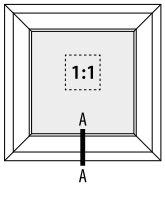


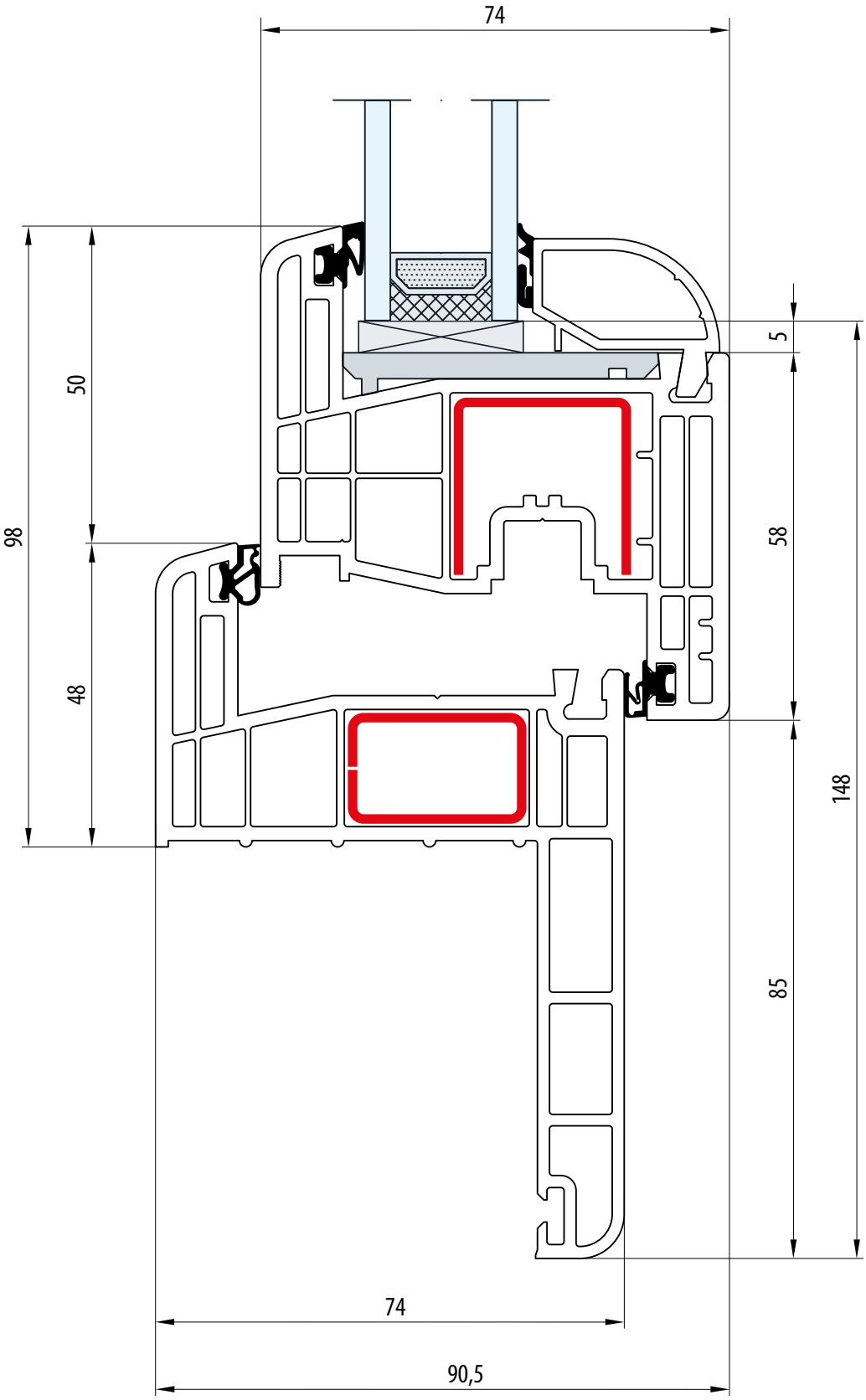
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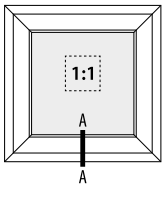


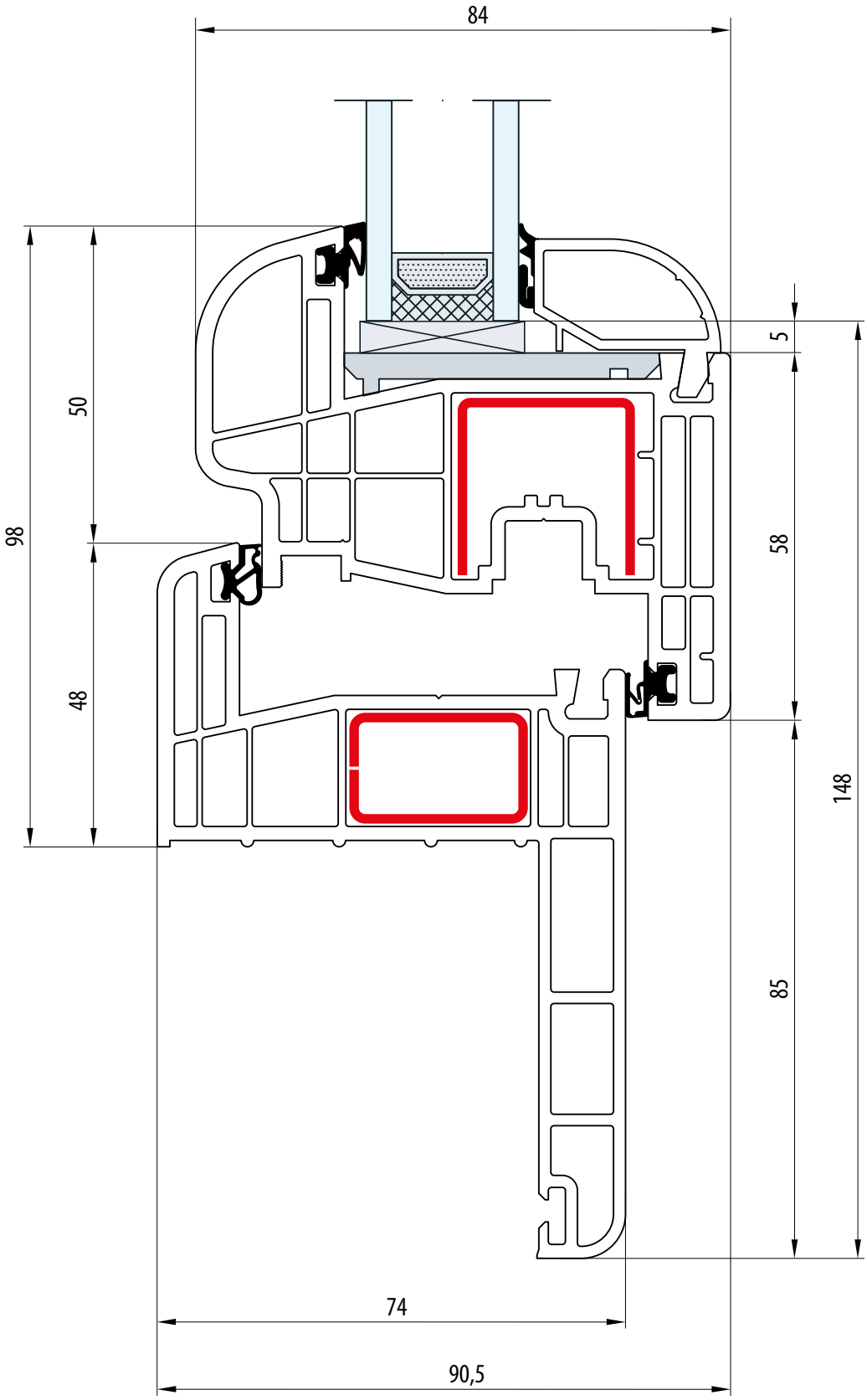
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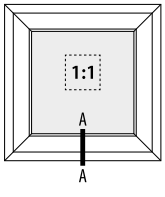


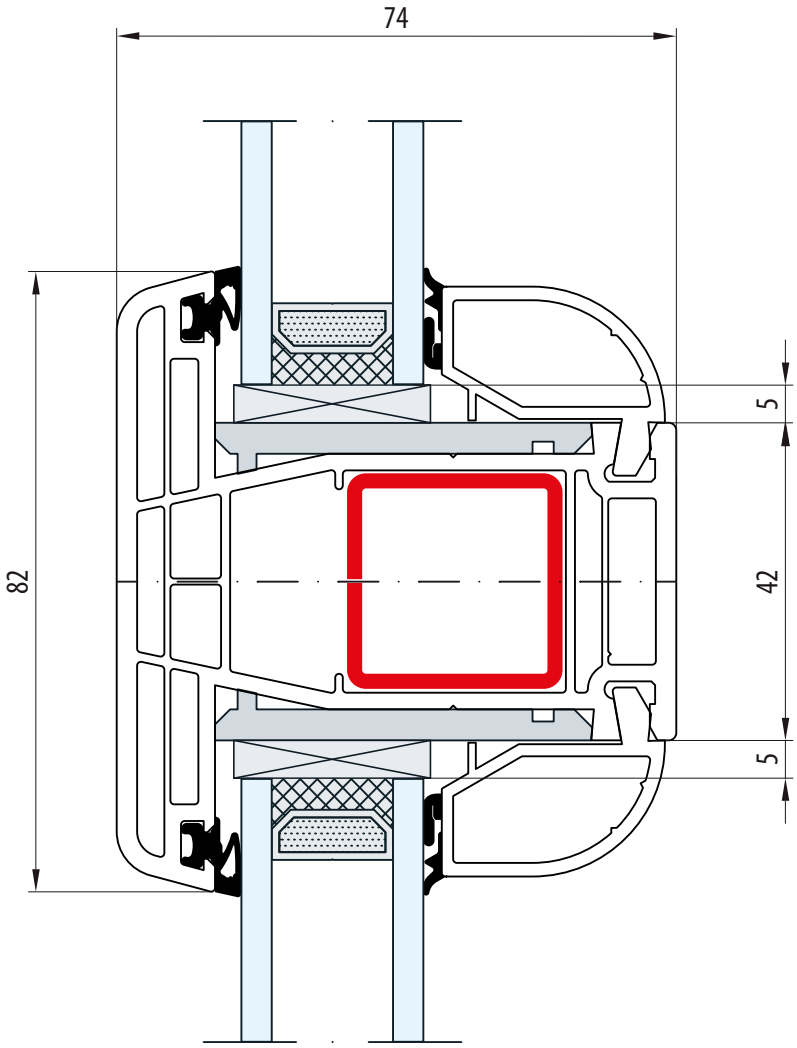
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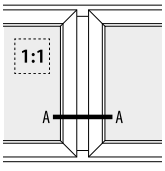


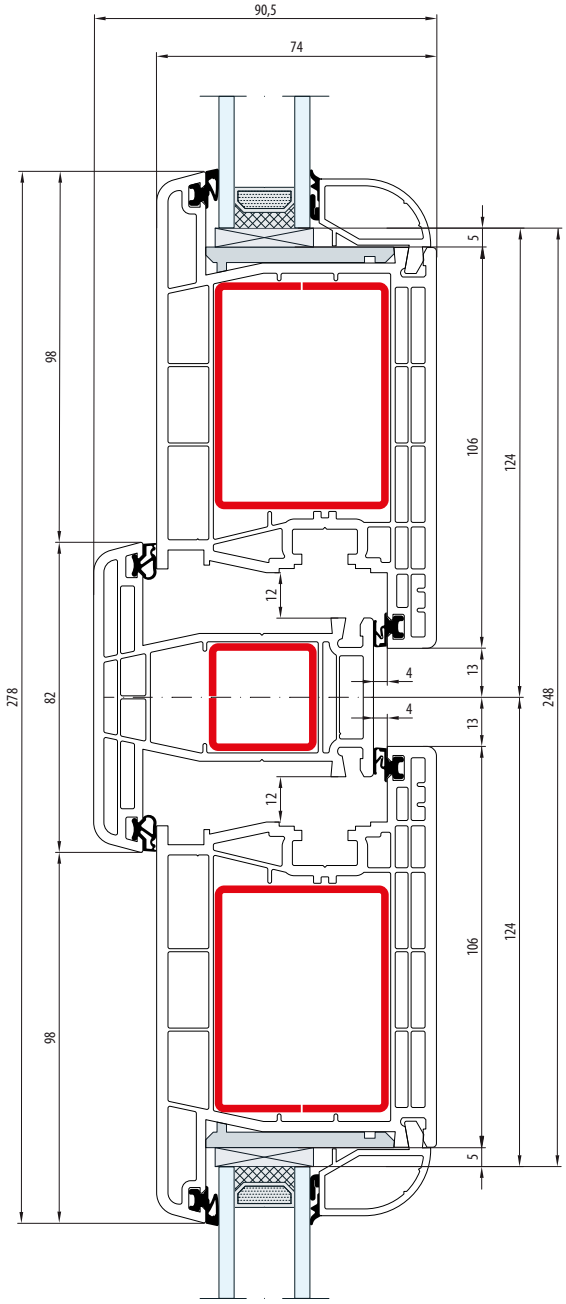
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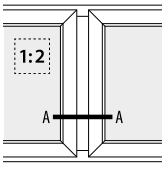


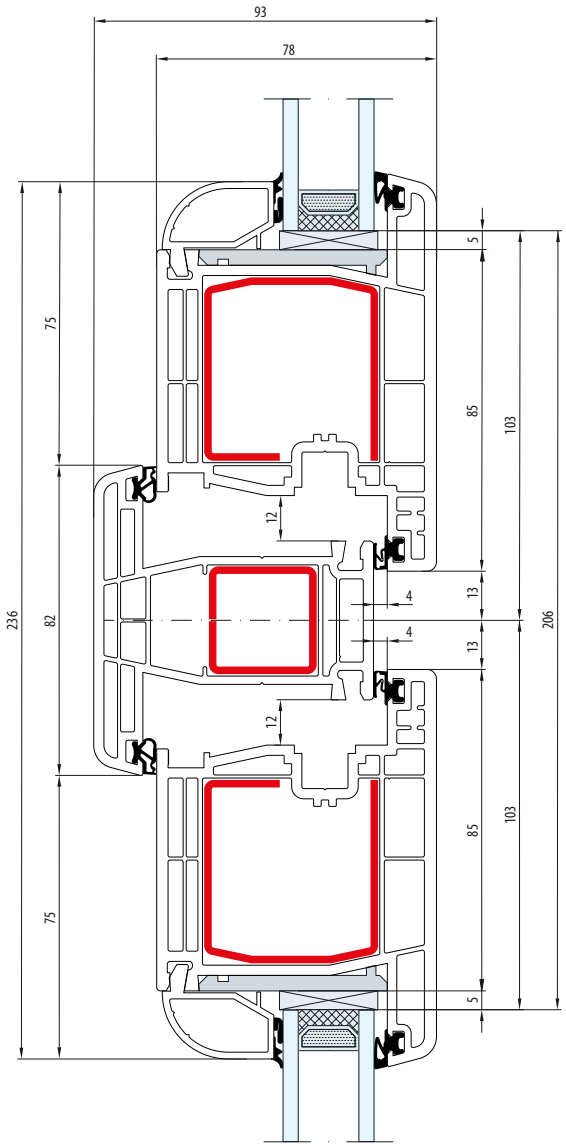
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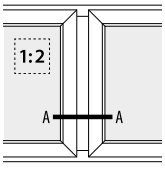


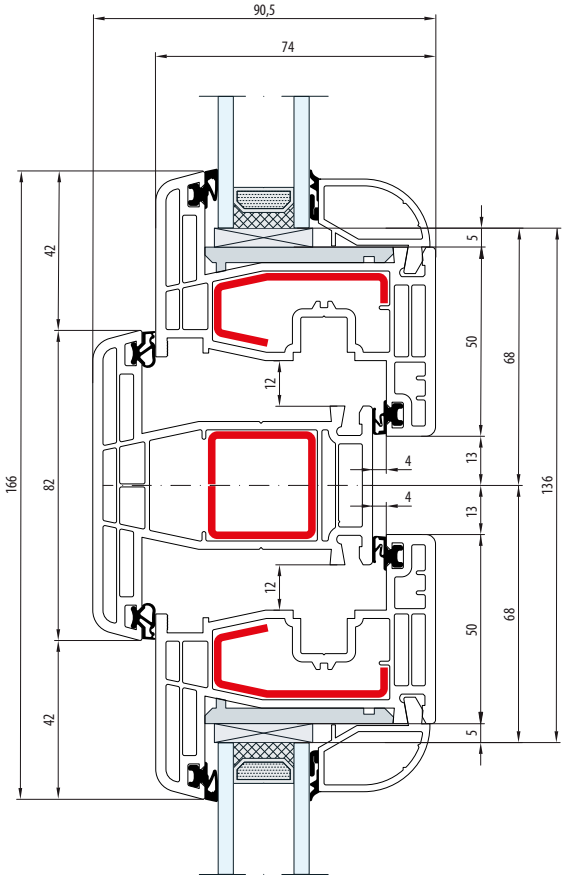
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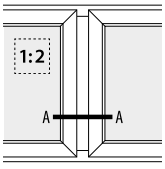


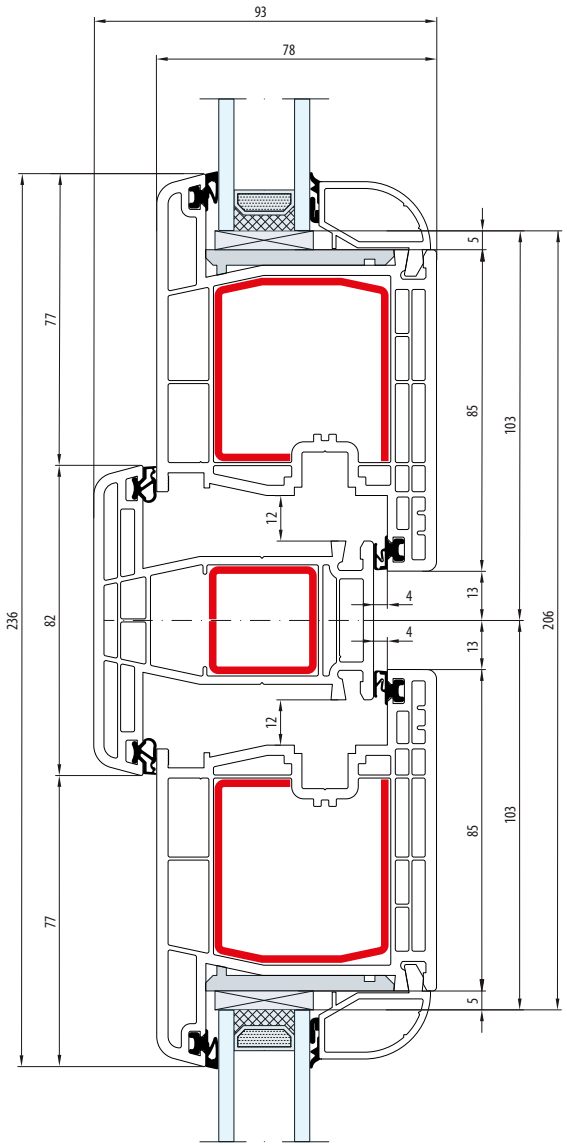
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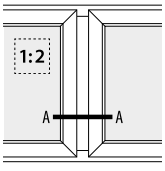


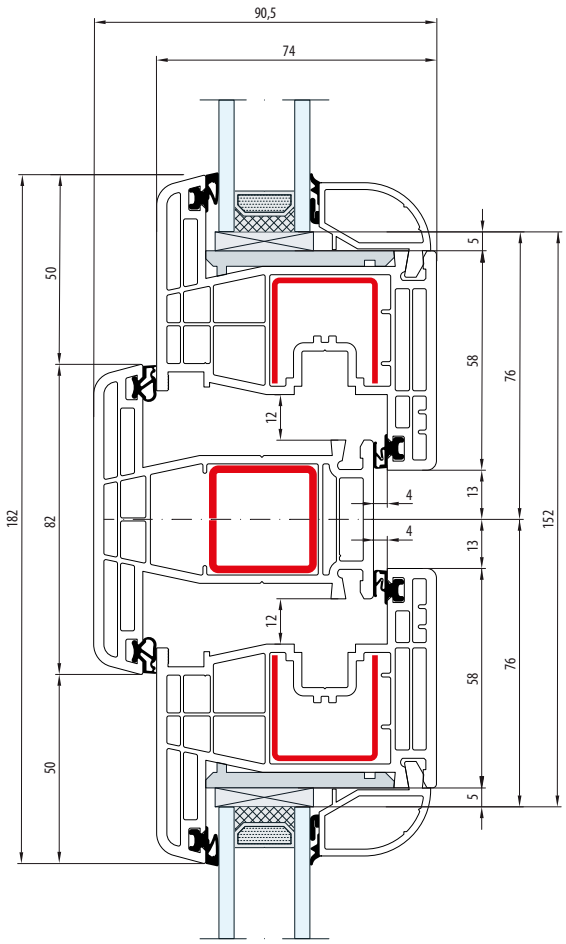
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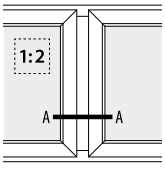


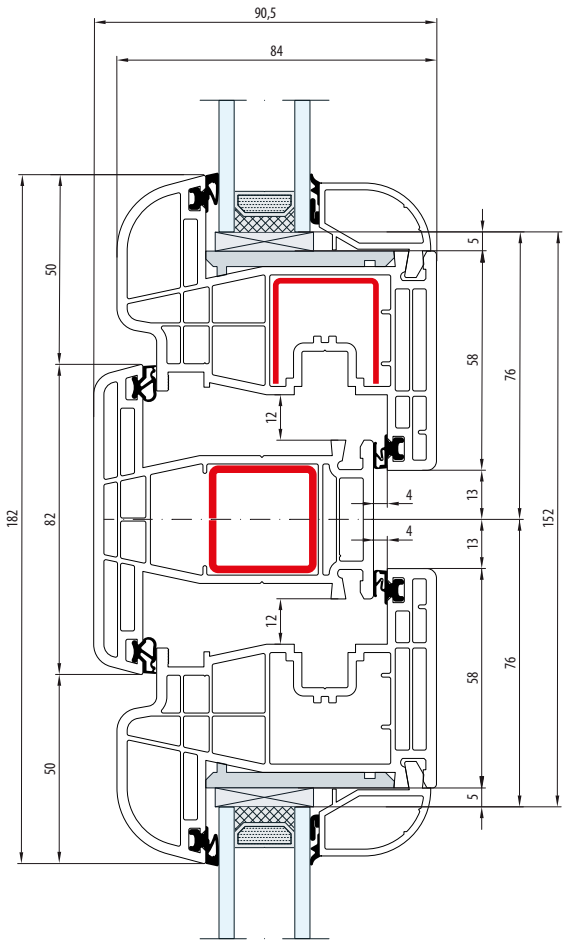
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Vaste stijl: 82 mm · Vleugel: 105 mm



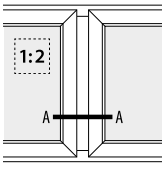


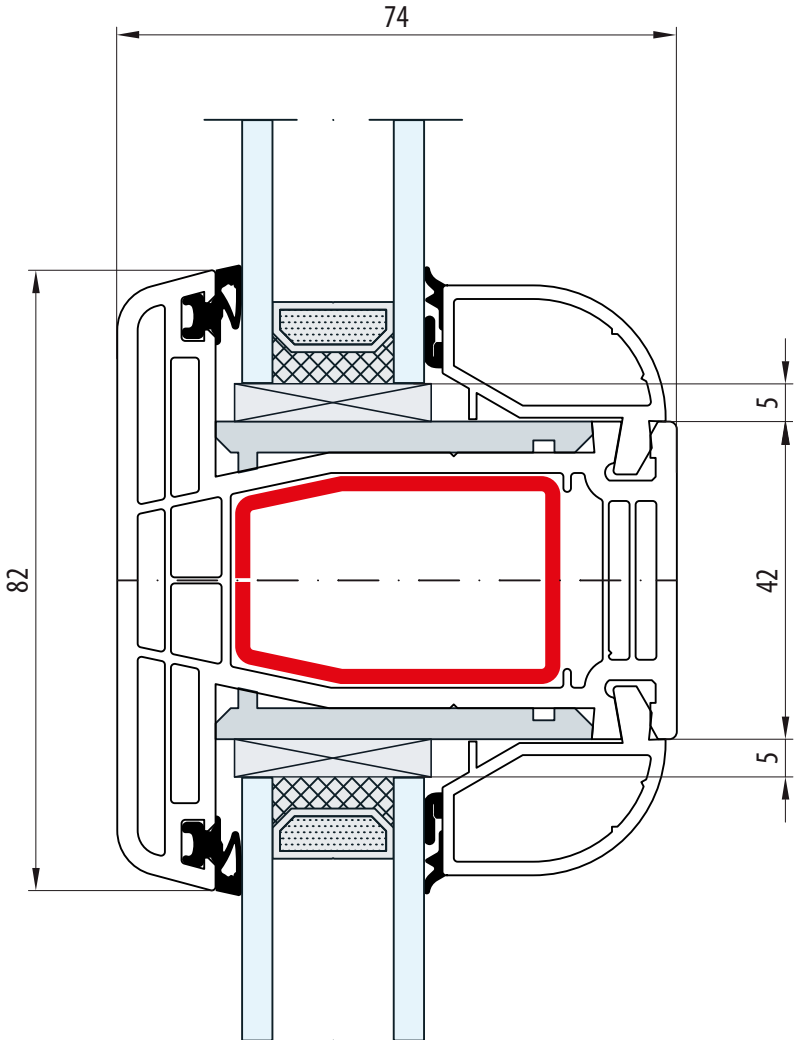
Słupek stały: 82 mm · Skrzydło: 78 mm
Meneau fixe: 82 mm · Vantail: 78 mm
Fix post: 82 mm · Sash: 78 mm
Festem Pfahl: 82 mm · Flügel: 78 mm
Montante fisso: 82 mm · Anta:78 mm
Vaste stijl: 82 mm · Vleugel: 78 mm



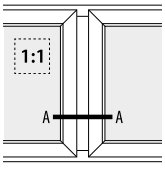


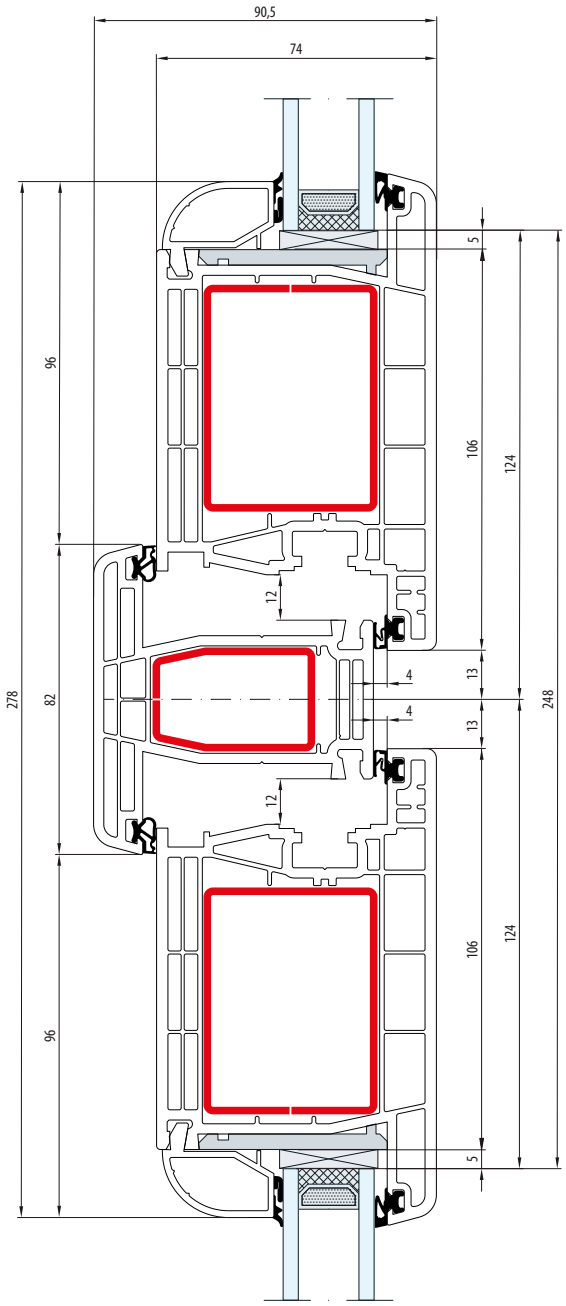
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Vaste stijl: 82 mm · Vleugel: 78 mm



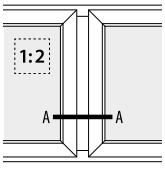


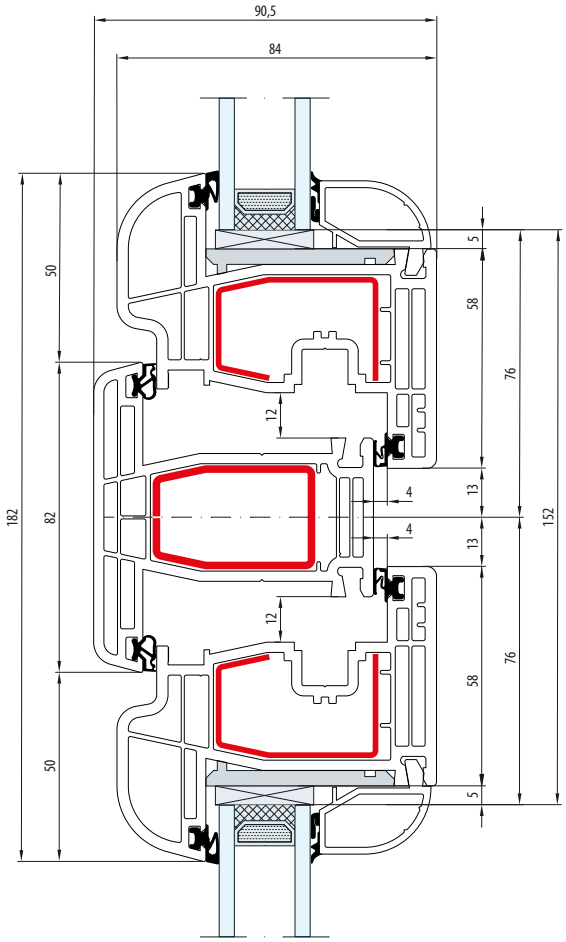
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- Fix post: 82 mm
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- Montante fisso: 82 mm
- Vaste stijl: 82 mm



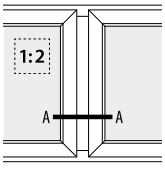


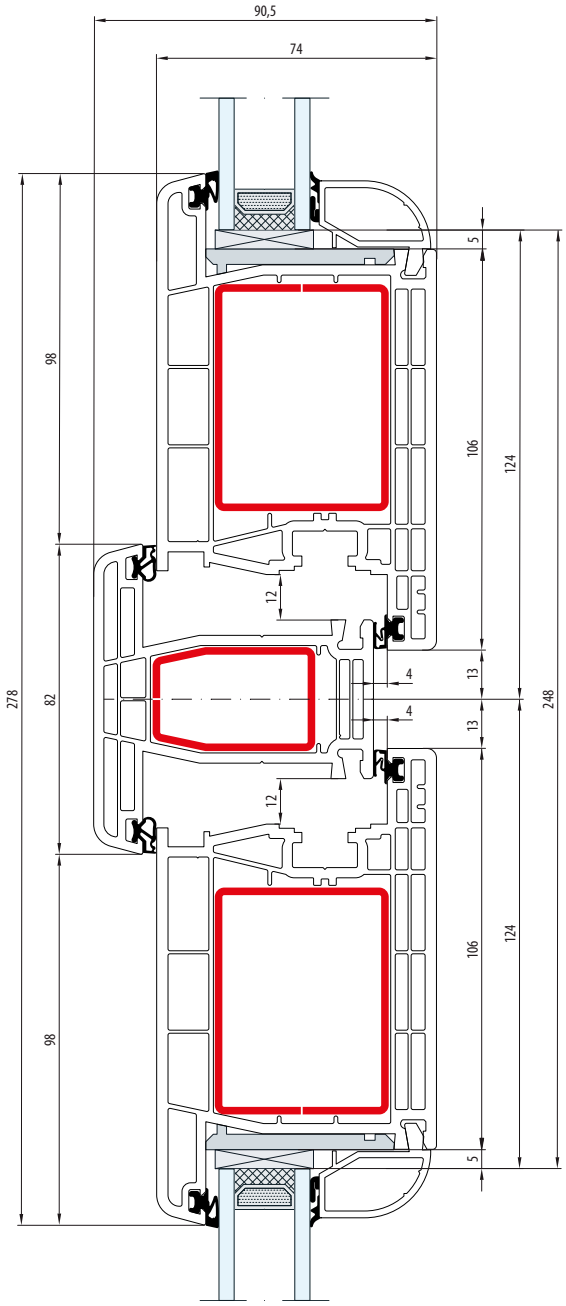
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- Vaste stijl: 82 mm · Vleugel: 126 mm



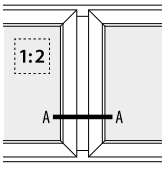


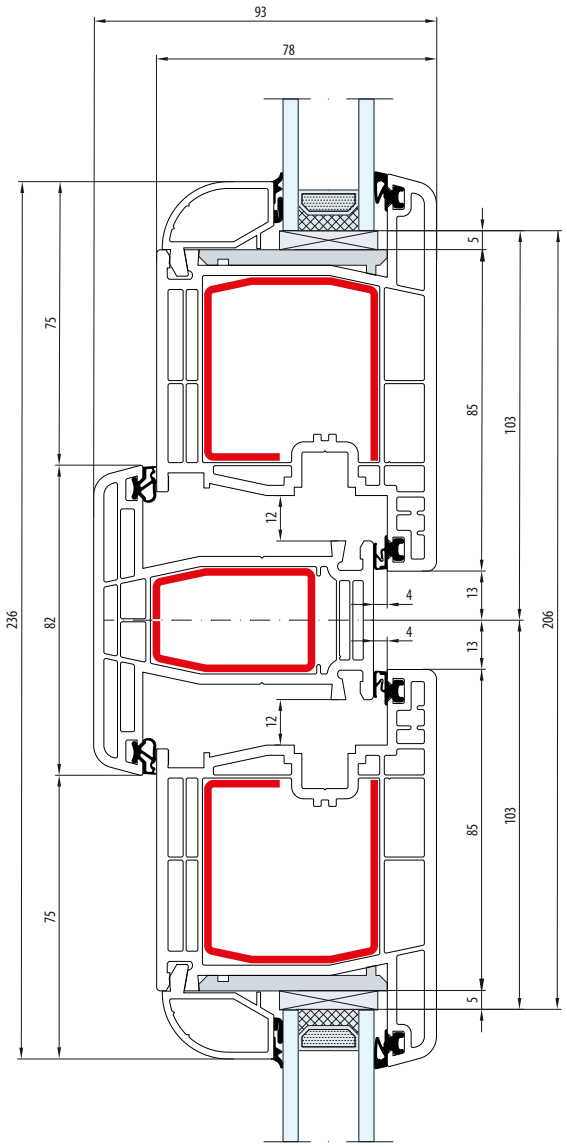
- Słupek stały: 82 mm · Skrzydło: 78 mm
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- Vaste stijl: 82 mm · Vleugel: 78 mm



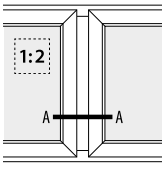


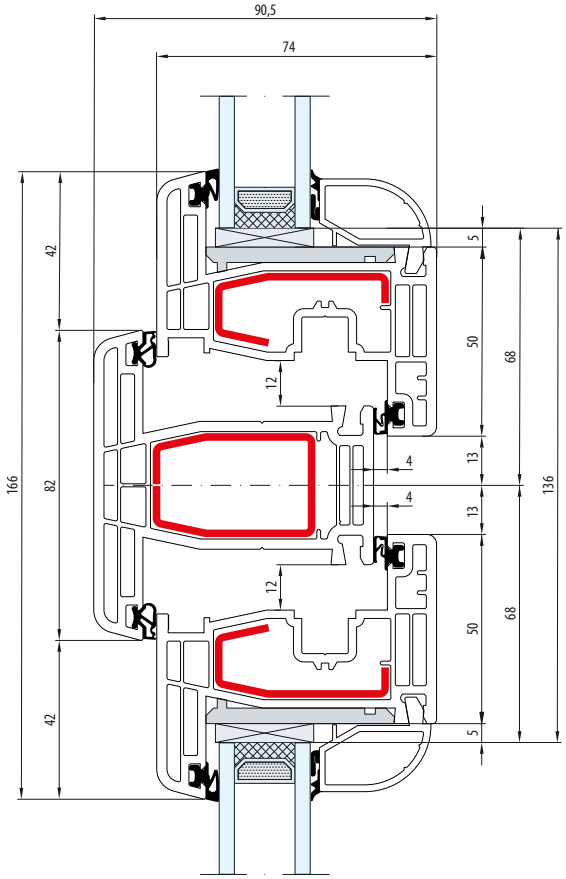
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- Fix post: 82 mm · Sash: 126 mm
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- Montante fisso: 82 mm · Anta: 126 mm
- Vaste stijl: 82 mm · Vleugel: 126 mm



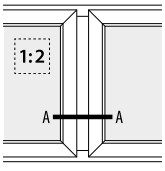


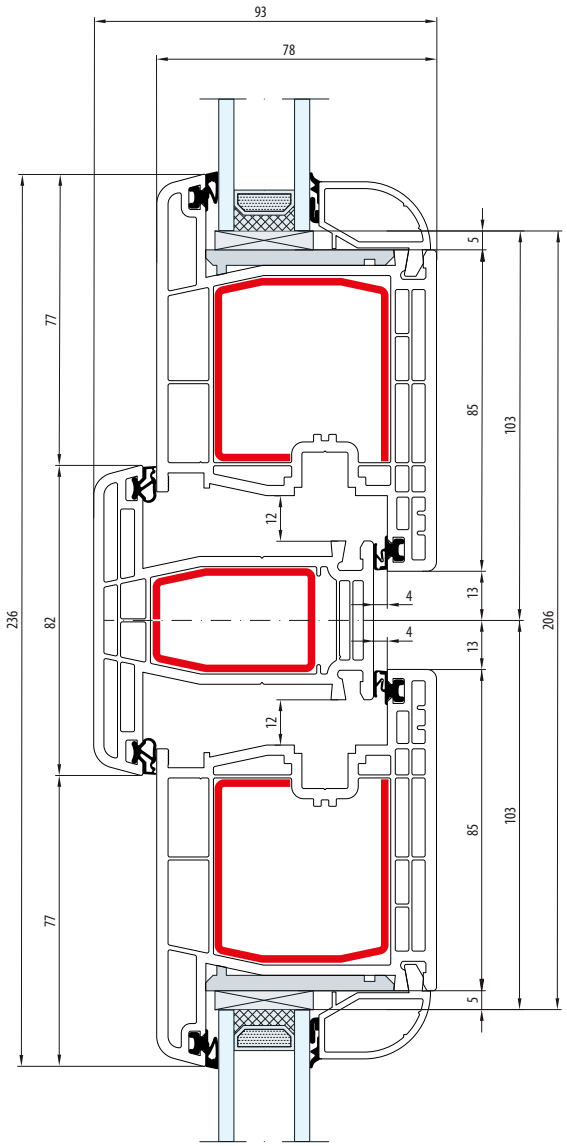
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Fix post: 82 mm · Sash: 105 mm
Festem Pfahl: 82 mm · Flügel: 105 mm
Montante fisso: 82 mm · Anta: 105 mm
Vaste stijl: 82 mm · Vleugel: 105 mm



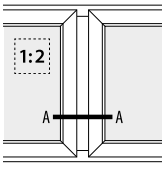


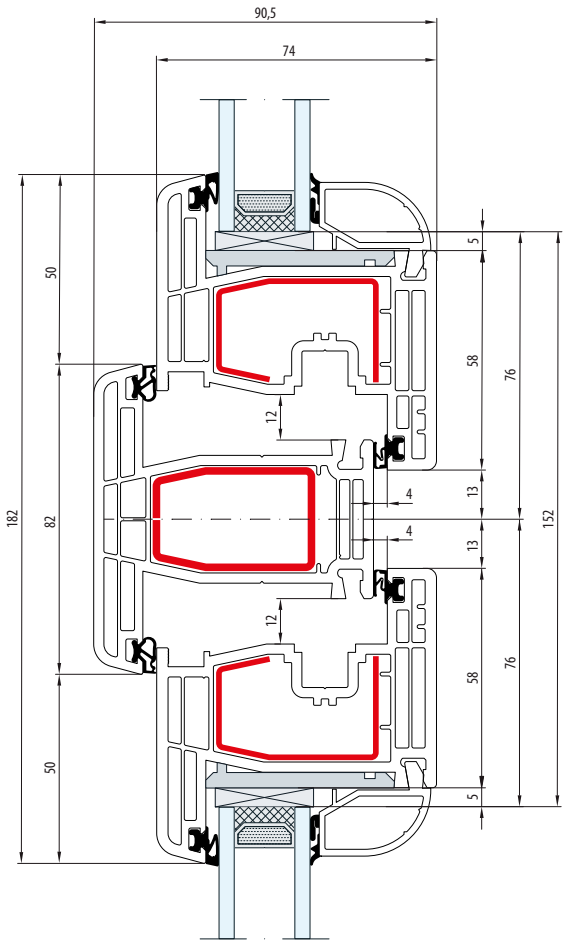
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- Fix post: 82 mm · Sash: 70 mm
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- Vaste stijl: 82 mm · Vleugel: 70 mm



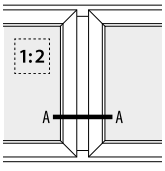


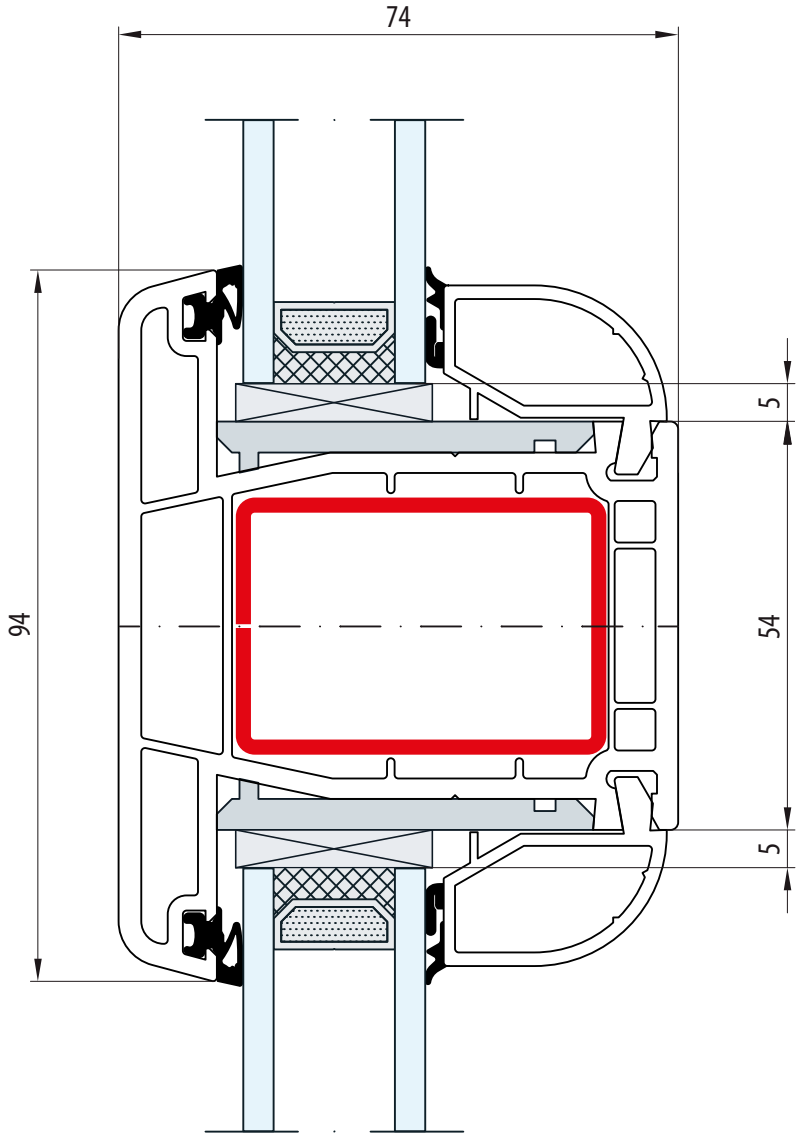
Słupek stały: 82 mm · Skrzydło: 105 mm
Meneau fixe: 82 mm · Vantail: 105 mm
Fix post: 82 mm · Sash: 105 mm
Festem Pfahl: 82 mm · Flügel: 105 mm
Montante fisso: 82 mm · Anta: 105 mm
Vaste stijl: 82 mm · Vleugel: 105 mm



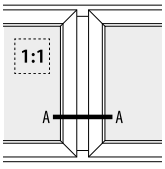


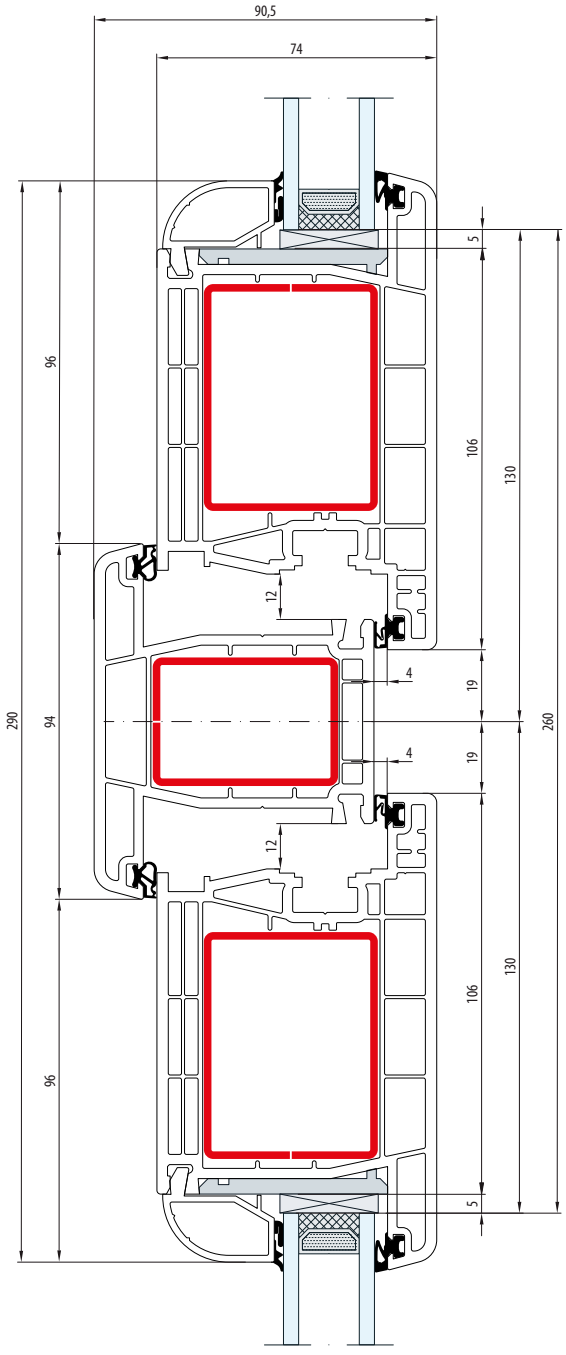
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- Montante fisso: 82 mm · Anta: 78 mm
- Vaste stijl: 82 mm · Vleugel: 78 mm



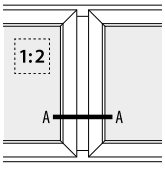


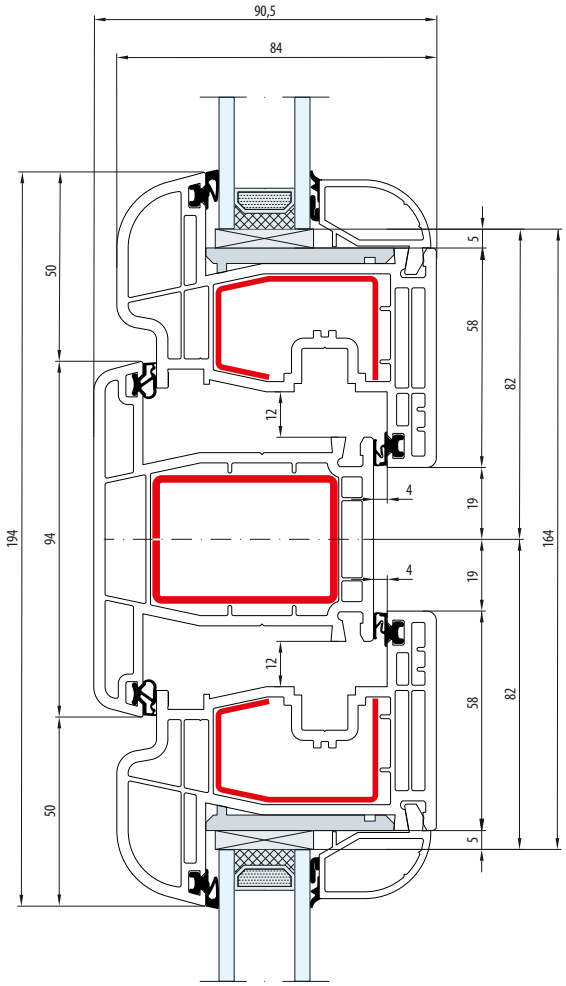
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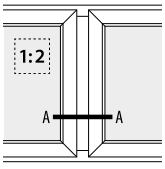


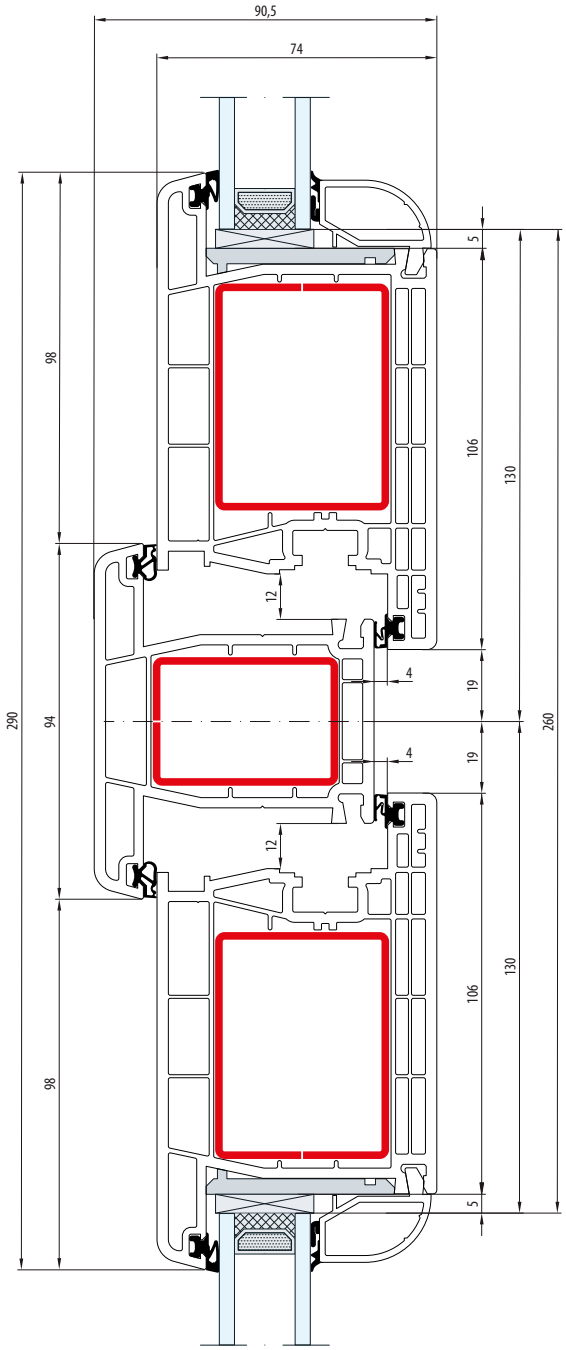
- Słupek stały: 94 mm · Skrzydło: 126 mm
- Meneau fixe: 94 mm · Vantail: 126 mm
- Fix post: 94 mm · Sash: 126 mm
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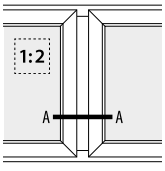


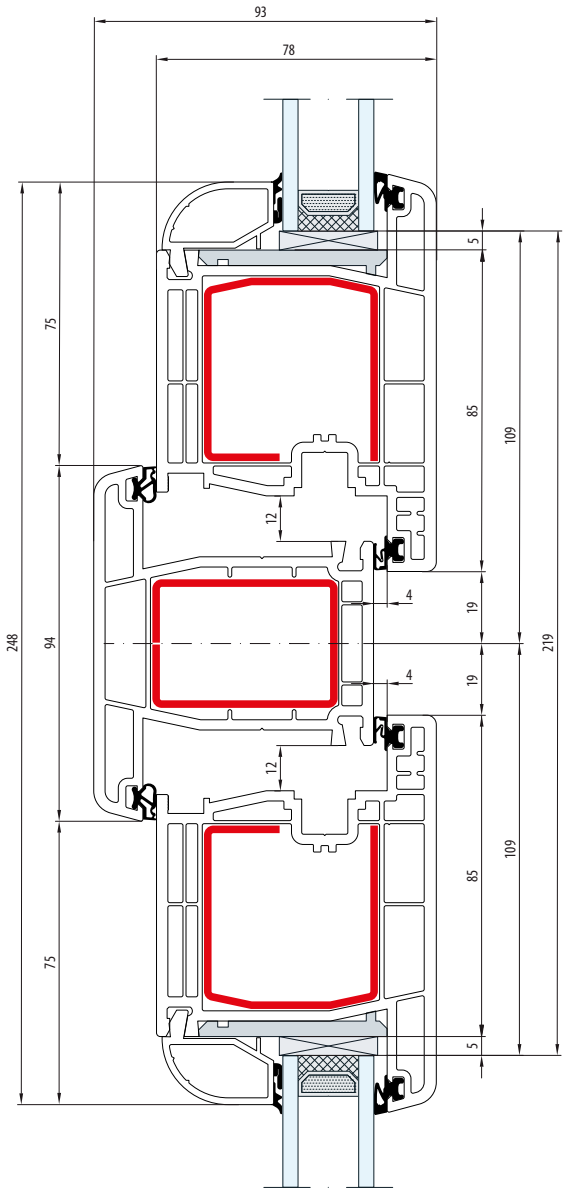
Słupek stały: 94 mm · Skrzydło: 78 mm
Meneau fixe: 94 mm · Vantail: 78 mm
Fix post: 94 mm · Sash: 78 mm
Festem Pfahl: 94 mm · Flügel: 78 mm
Montante fisso: 94 mm · Anta: 78 mm
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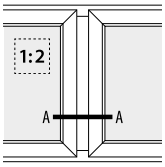


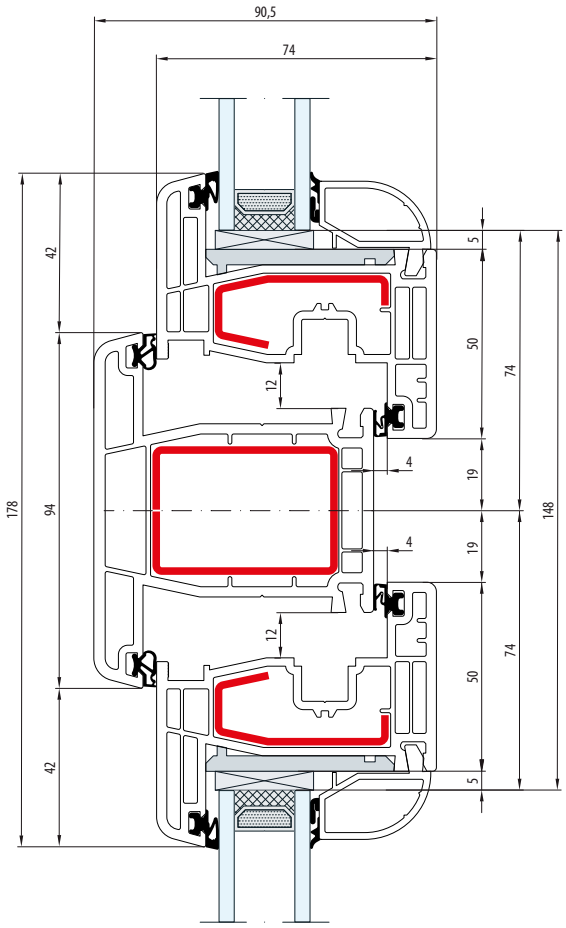
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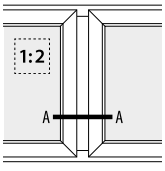


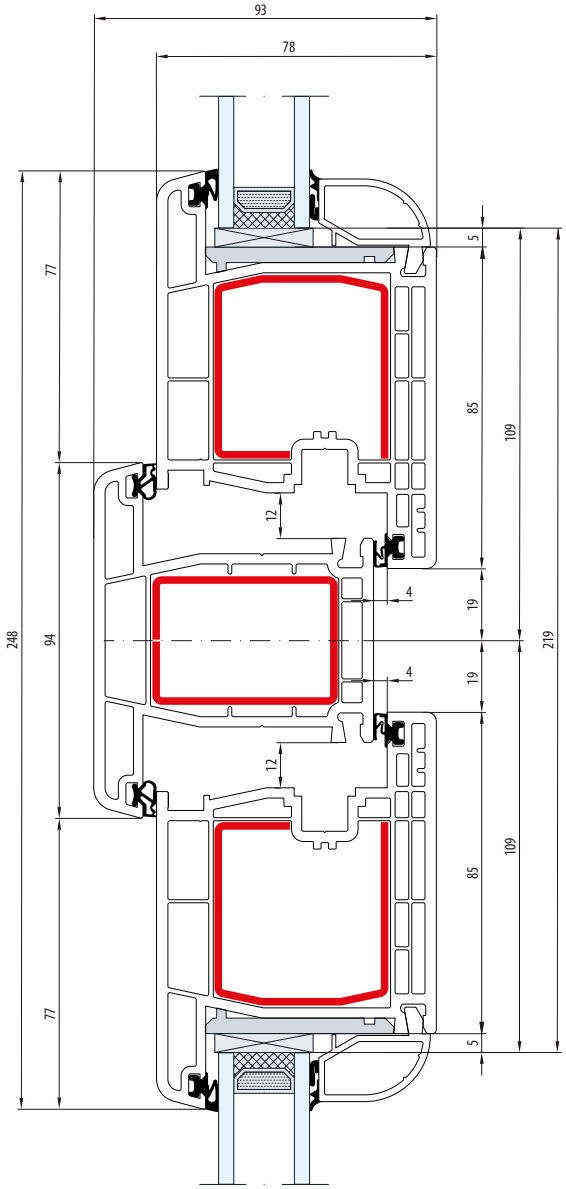
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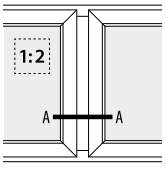


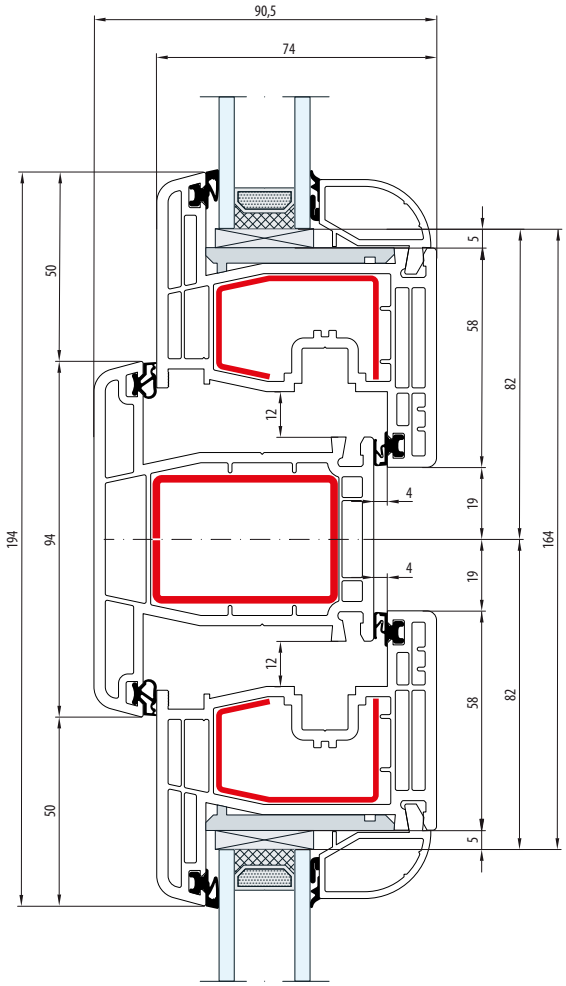
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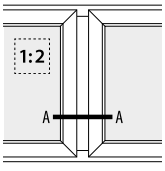


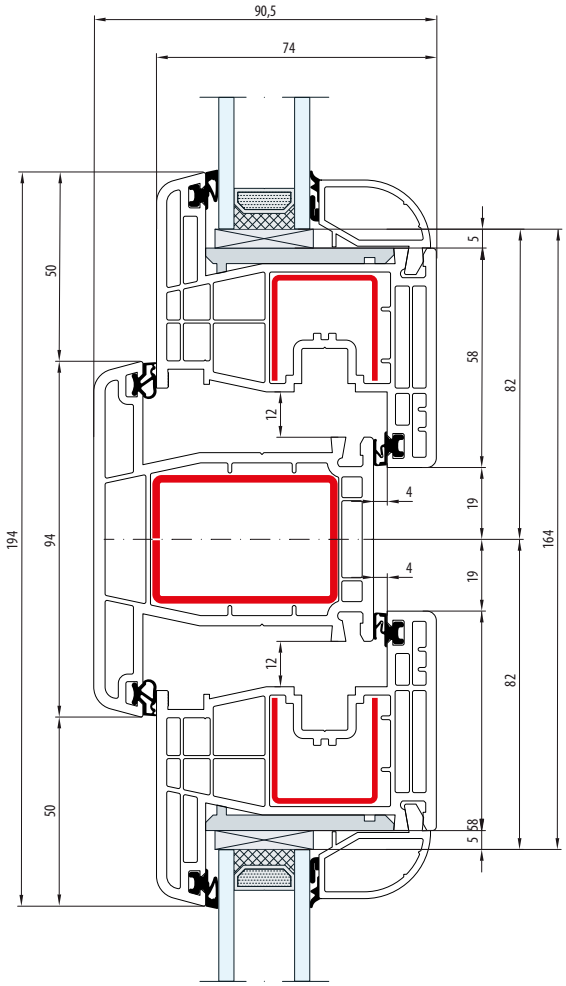
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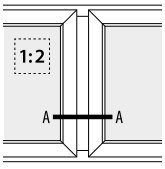


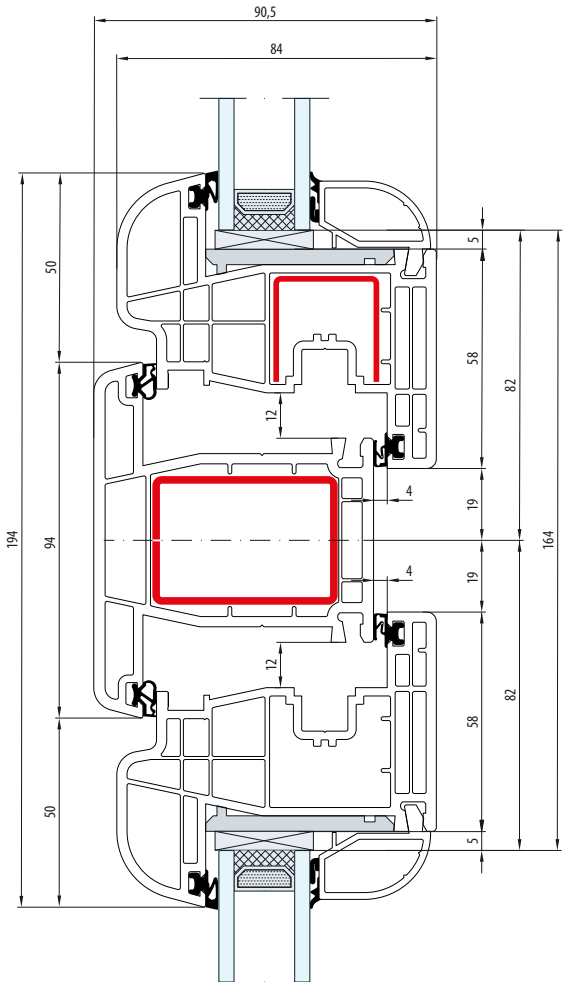
- Słupek stały: 94 mm · Skrzydło: 78 mm
- Meneau fixe: 94 mm · Vantail: 78 mm
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- Vaste stijl: 94 mm · Vleugel: 78 mm



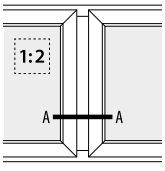


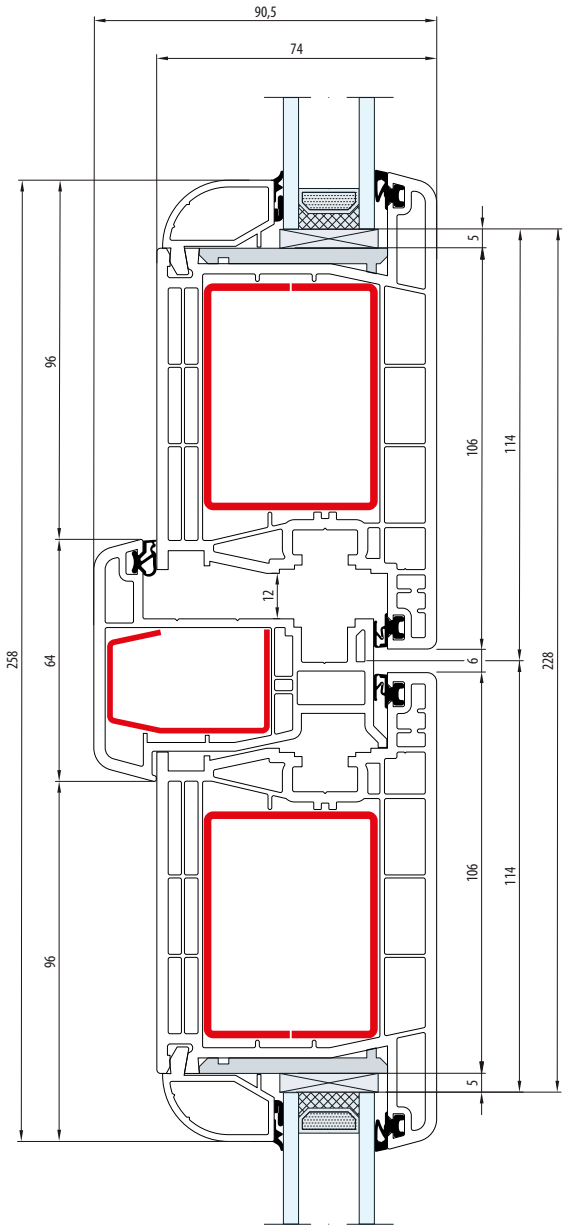
Słupek stały: 94 mm · Skrzydło: 78 mm
Meneau fixe: 94 mm · Vantail: 78 mm
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Vaste stijl: 94 mm · Vleugel: 78 mm



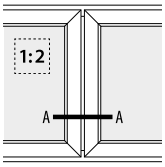


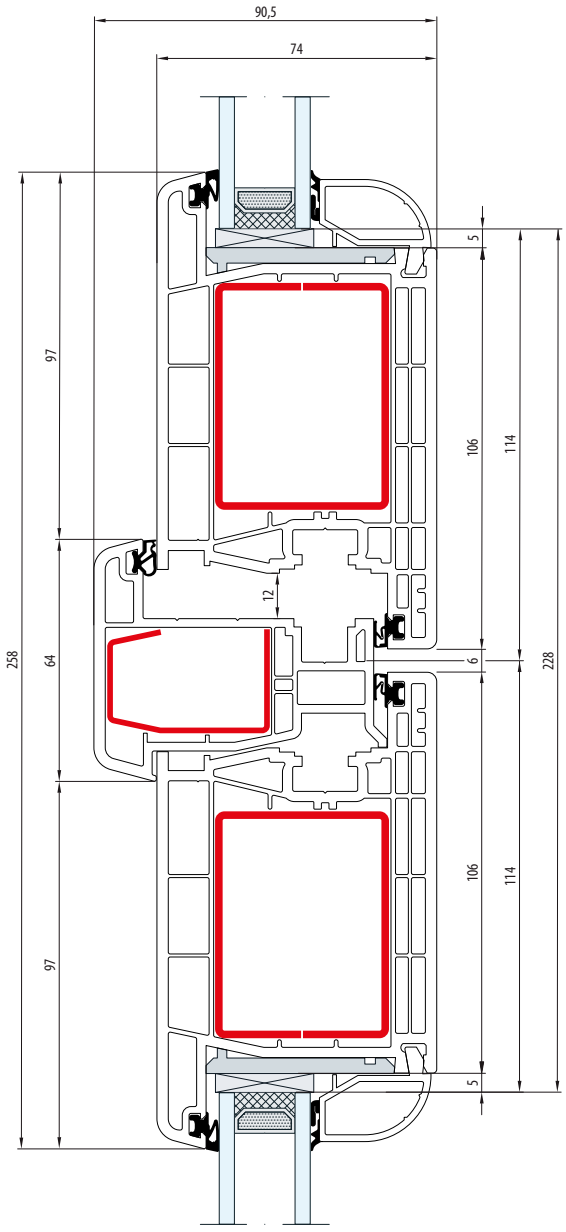
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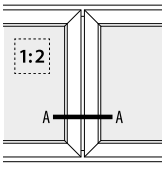


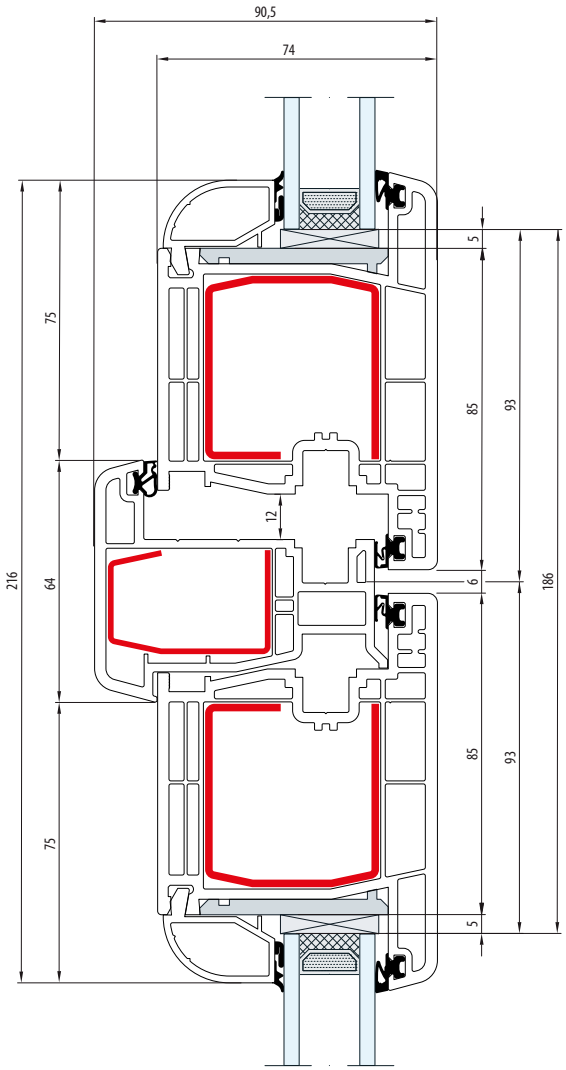
- Słupek ruchomy: 64 mm · Skrzydło: 126 mm
- Meneau mobile: 64 mm · Vantail: 126 mm
- Movable post: 64 mm · Sash: 126 mm
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- Verplaatsbare stijl: 64 mm · Vleugel: 126 mm



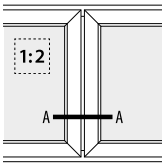


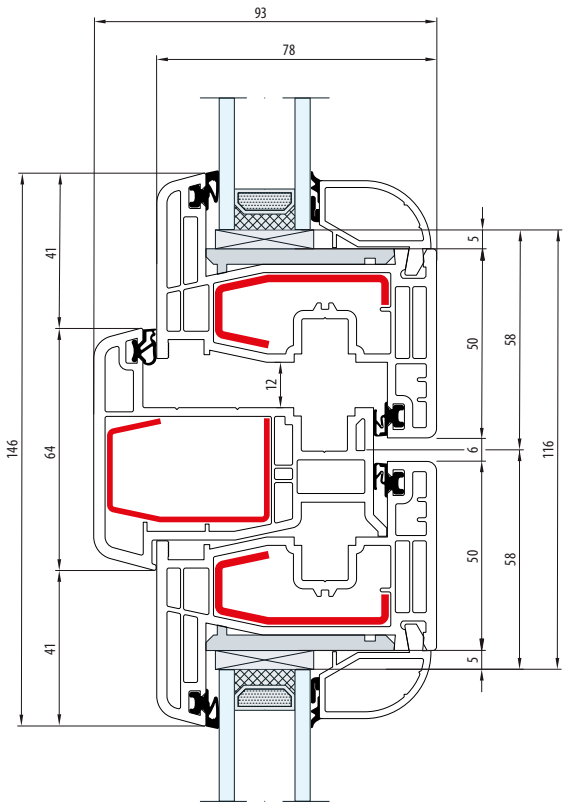
- Słupek ruchomy: 64 mm · Skrzydło: 126 mm
- Meneau mobile: 64 mm · Vantail: 126 mm
- Movable post: 64 mm · Sash: 126 mm
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- Verplaatsbare stijl: 64 mm · Vleugel: 126 mm



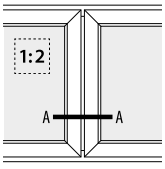


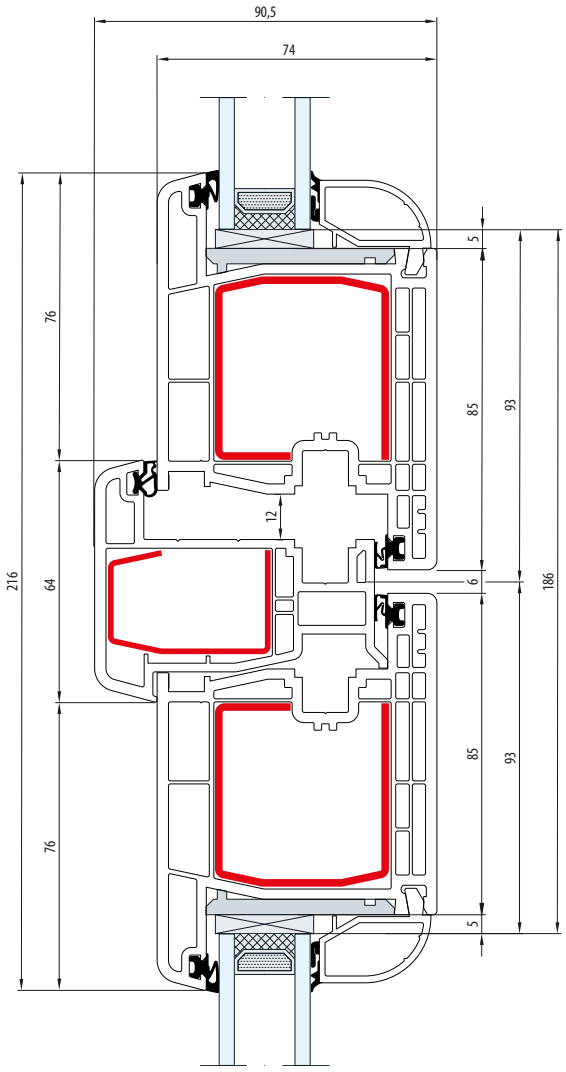
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Movable post: 64 mm · Sash: 105 mm
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Verplaatsbare stijl: 64 mm · Vleugel: 105 mm



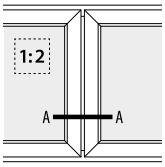


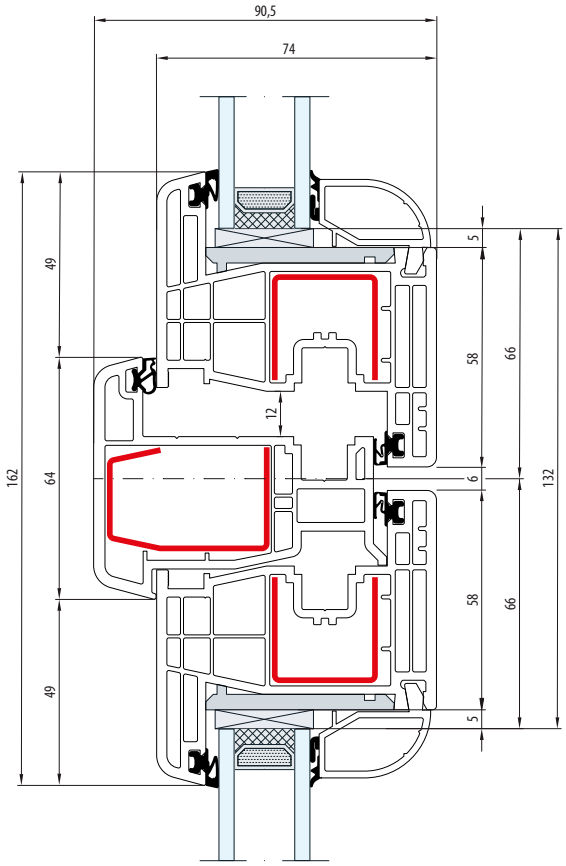
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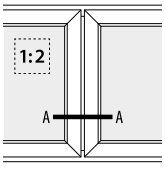


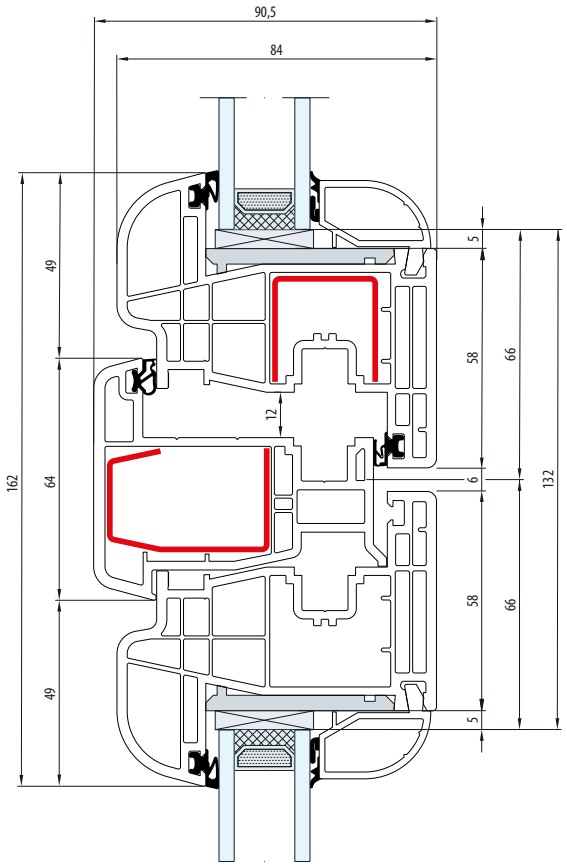
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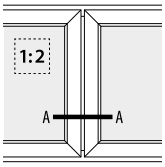


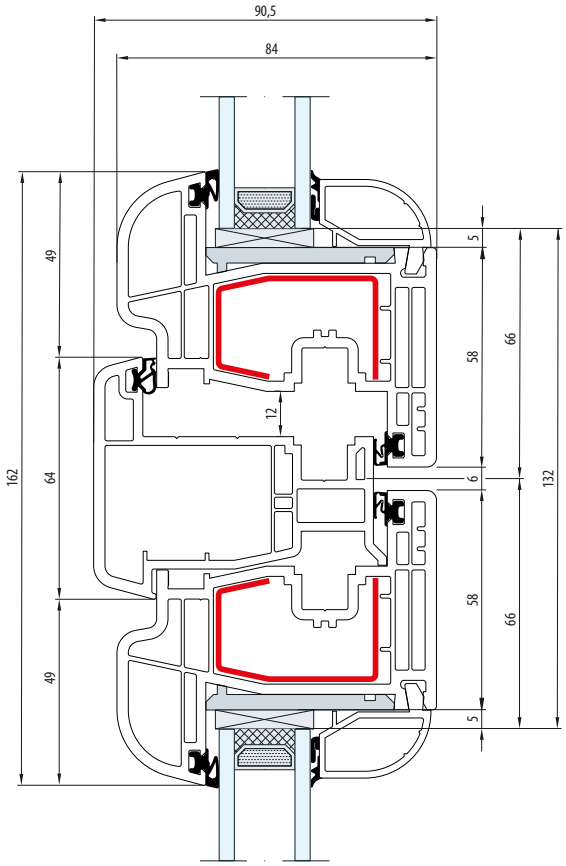
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- Verplaatsbare stijl: 64 mm · Vleugel: 78 mm



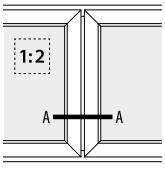


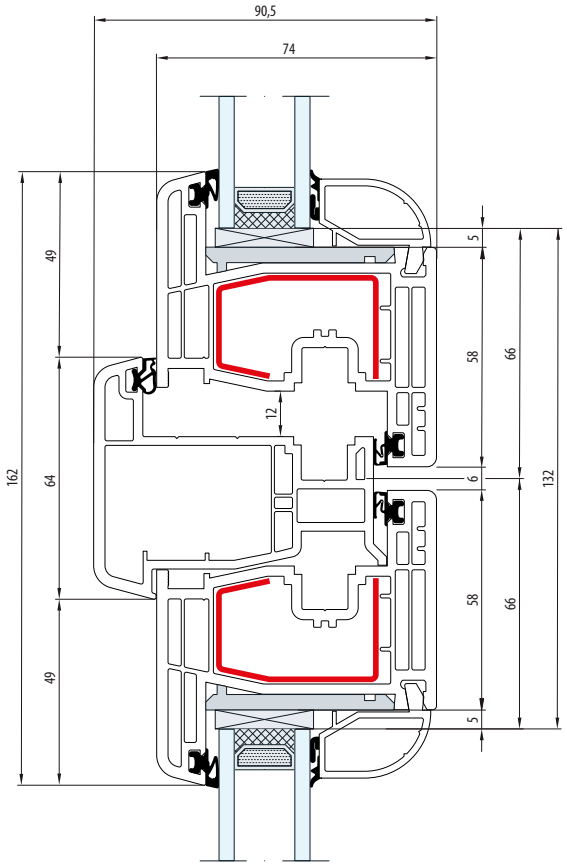
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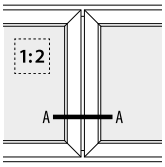


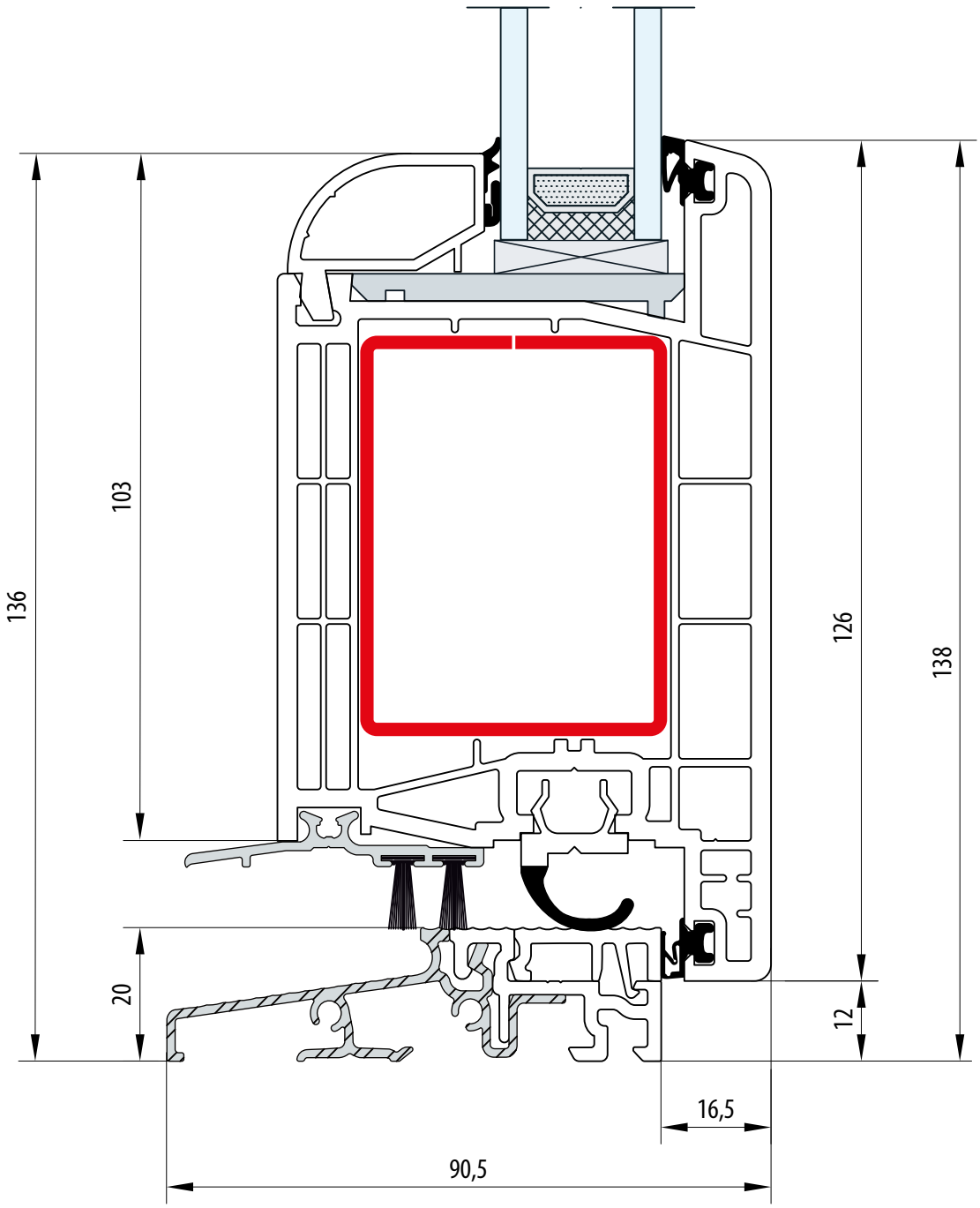
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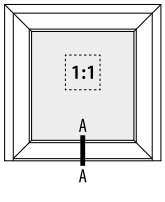


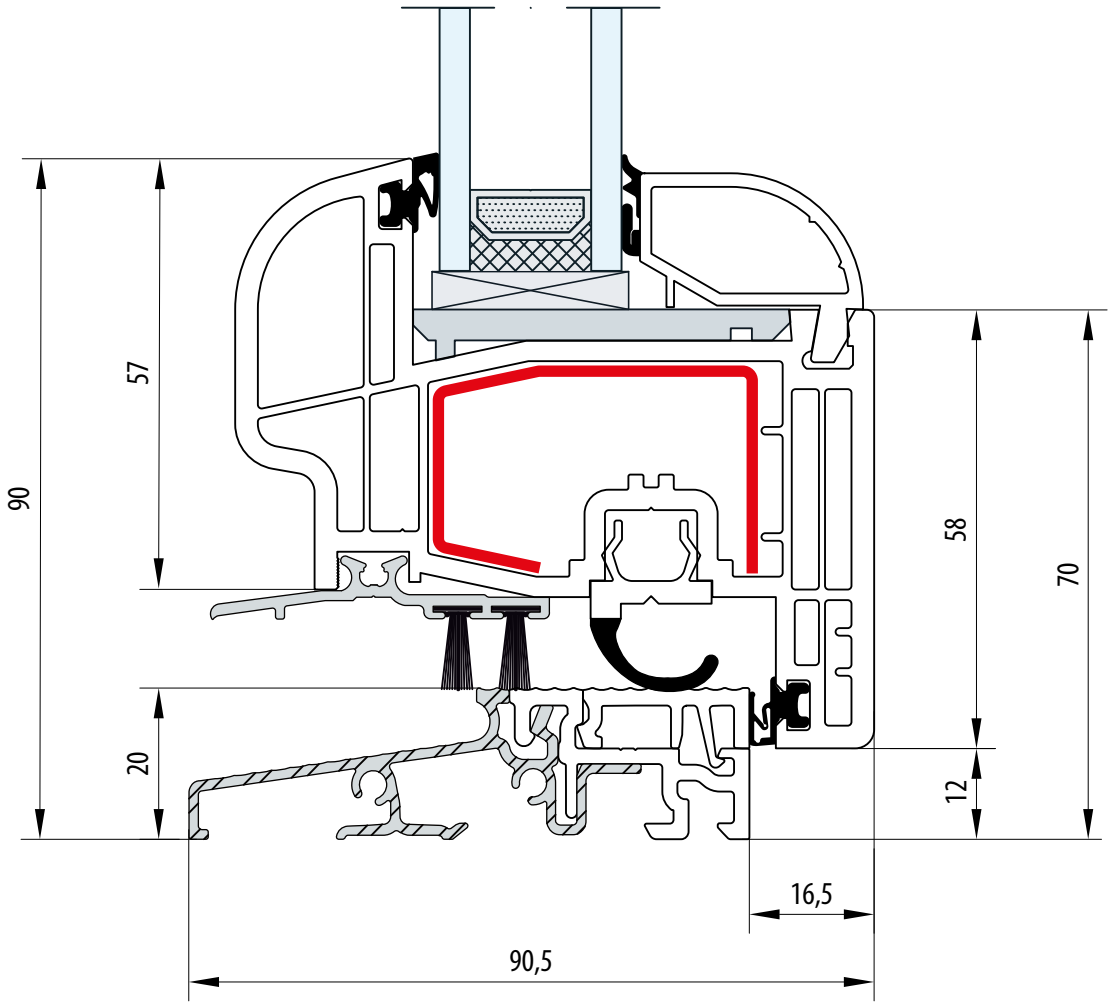
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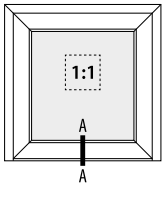


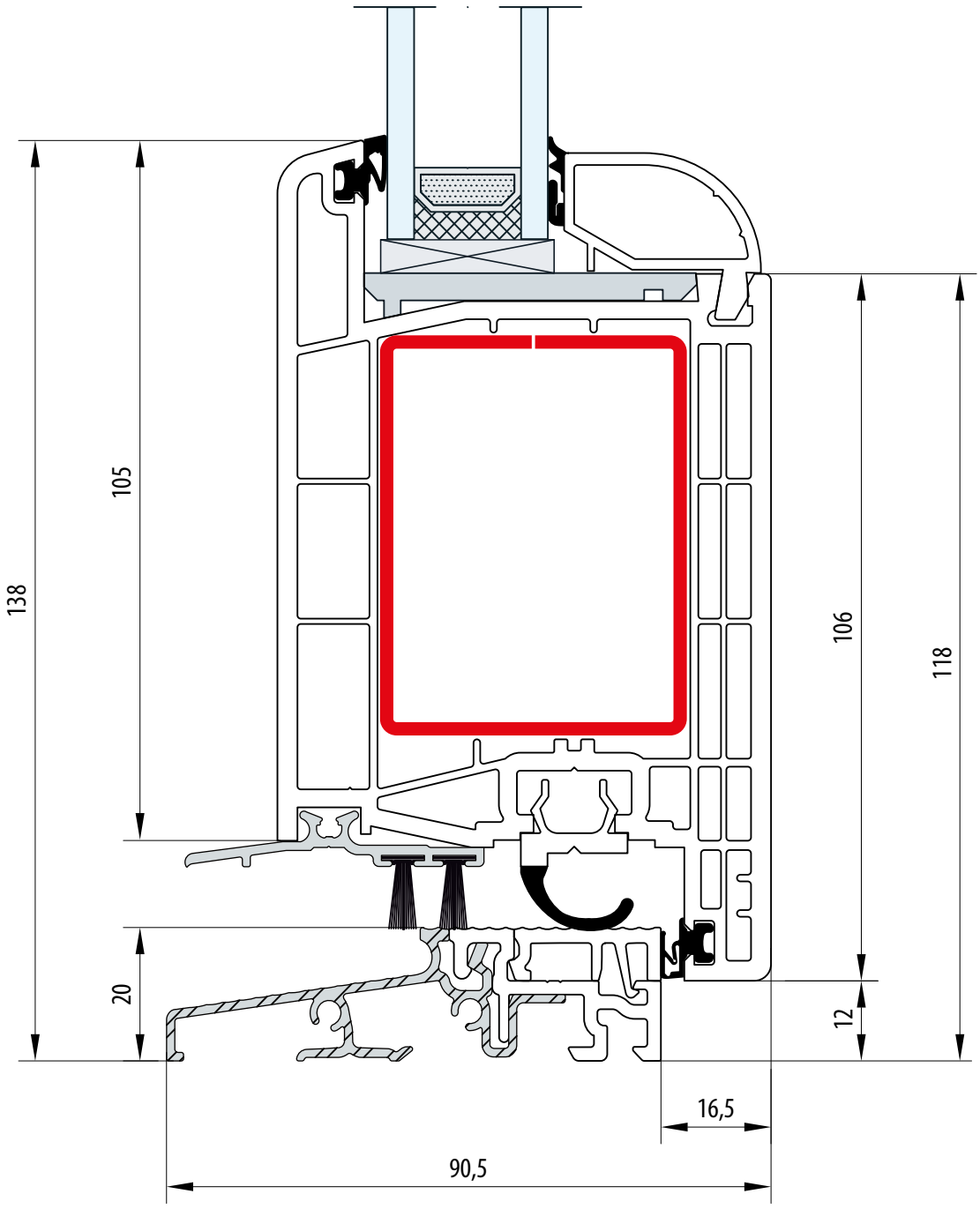
- Próg: 20 mm · Skrzydło: 126 mm
- Seuil: 20 mm · Vantail: 126 mm
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- Soglia: 20 mm · Anta: 126 mm
- Dorpel: 20 mm · Vleugel: 126 mm



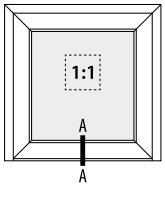


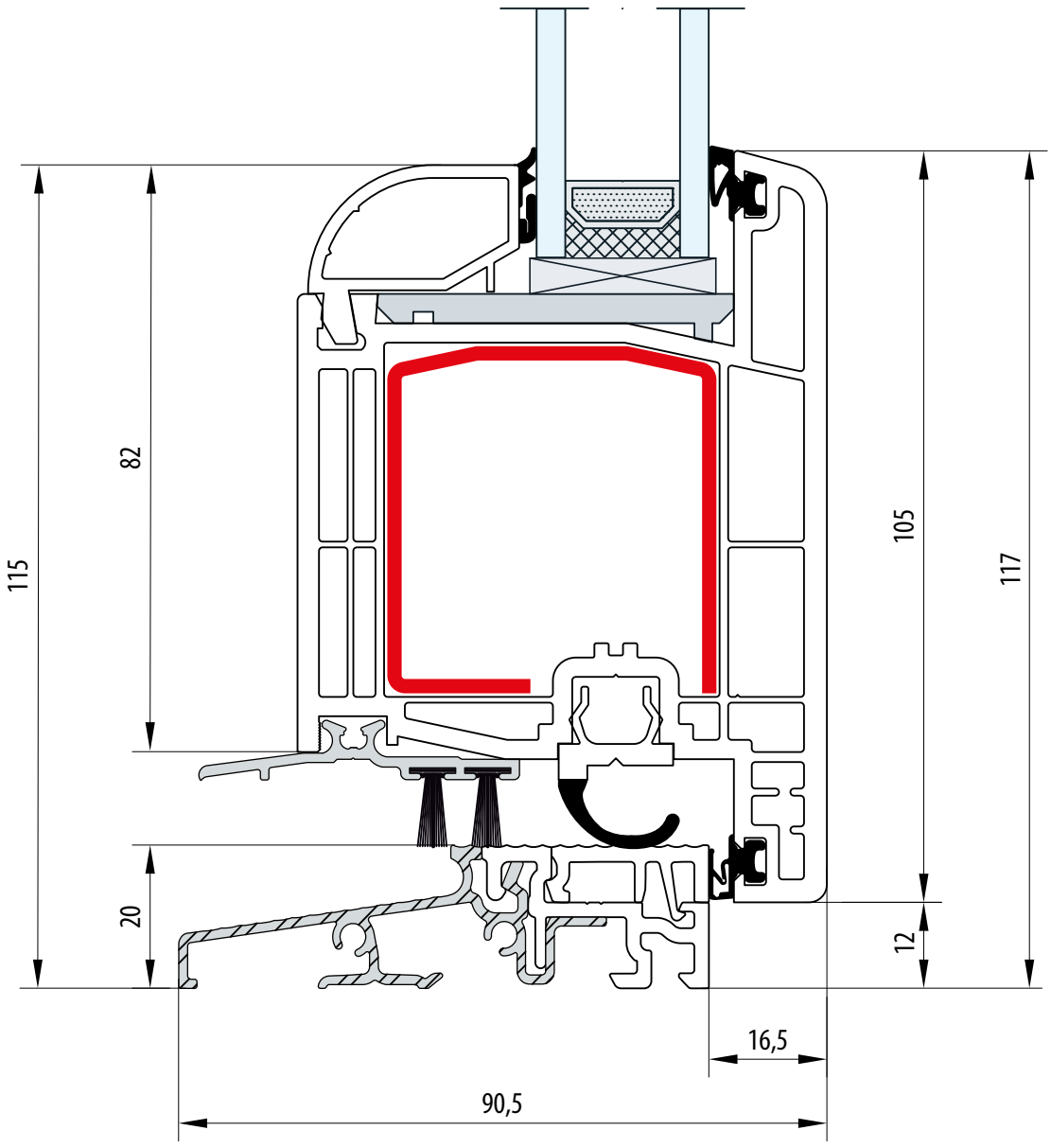
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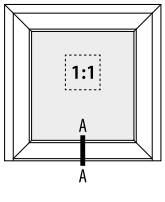


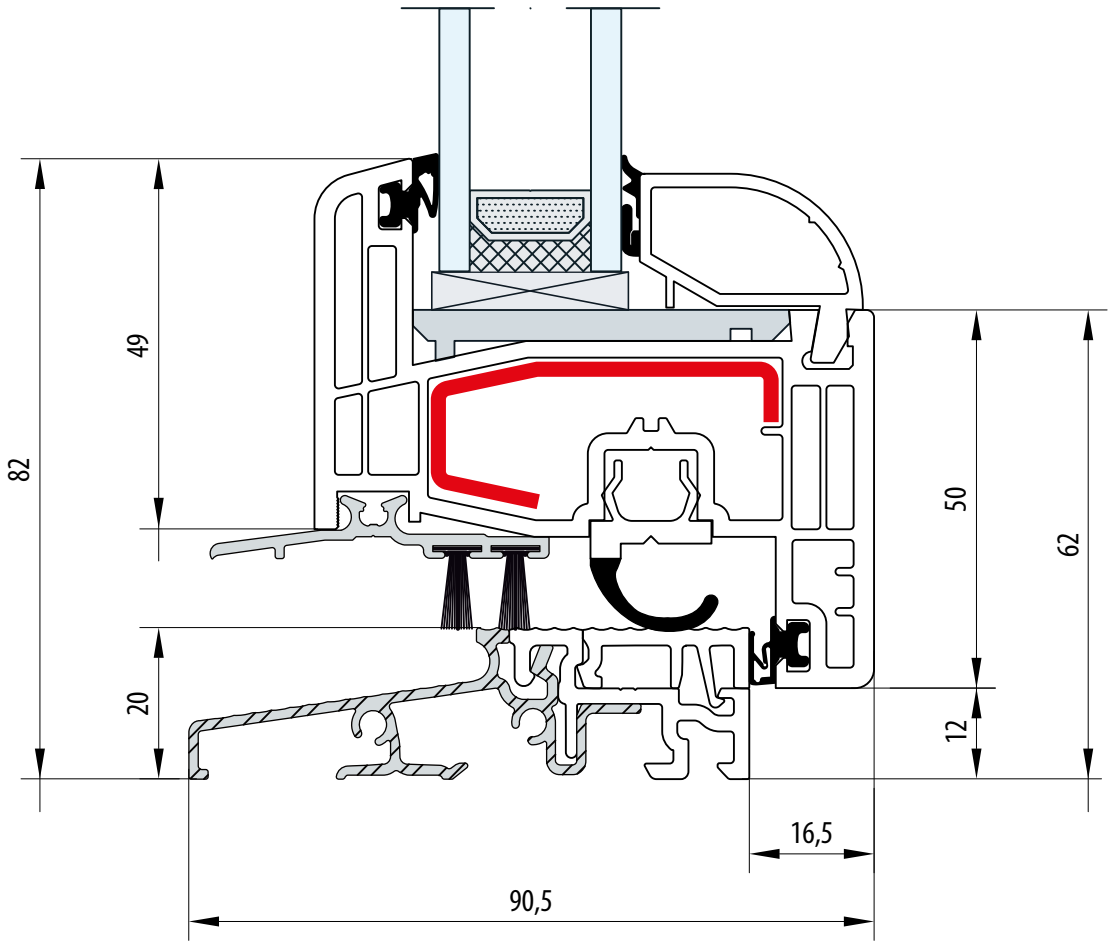
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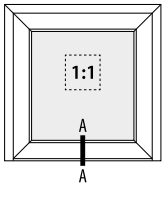


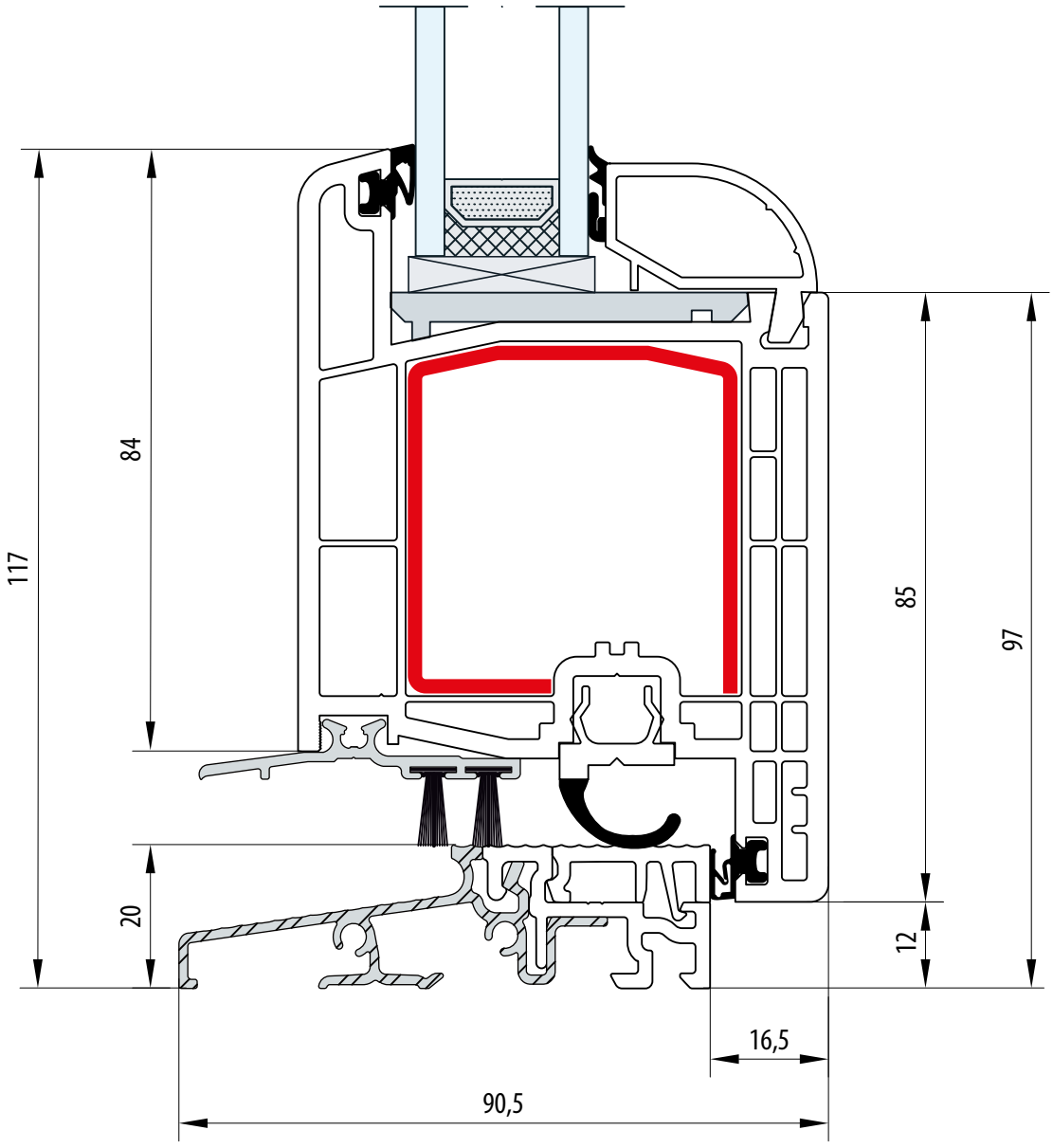
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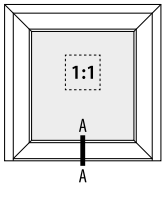


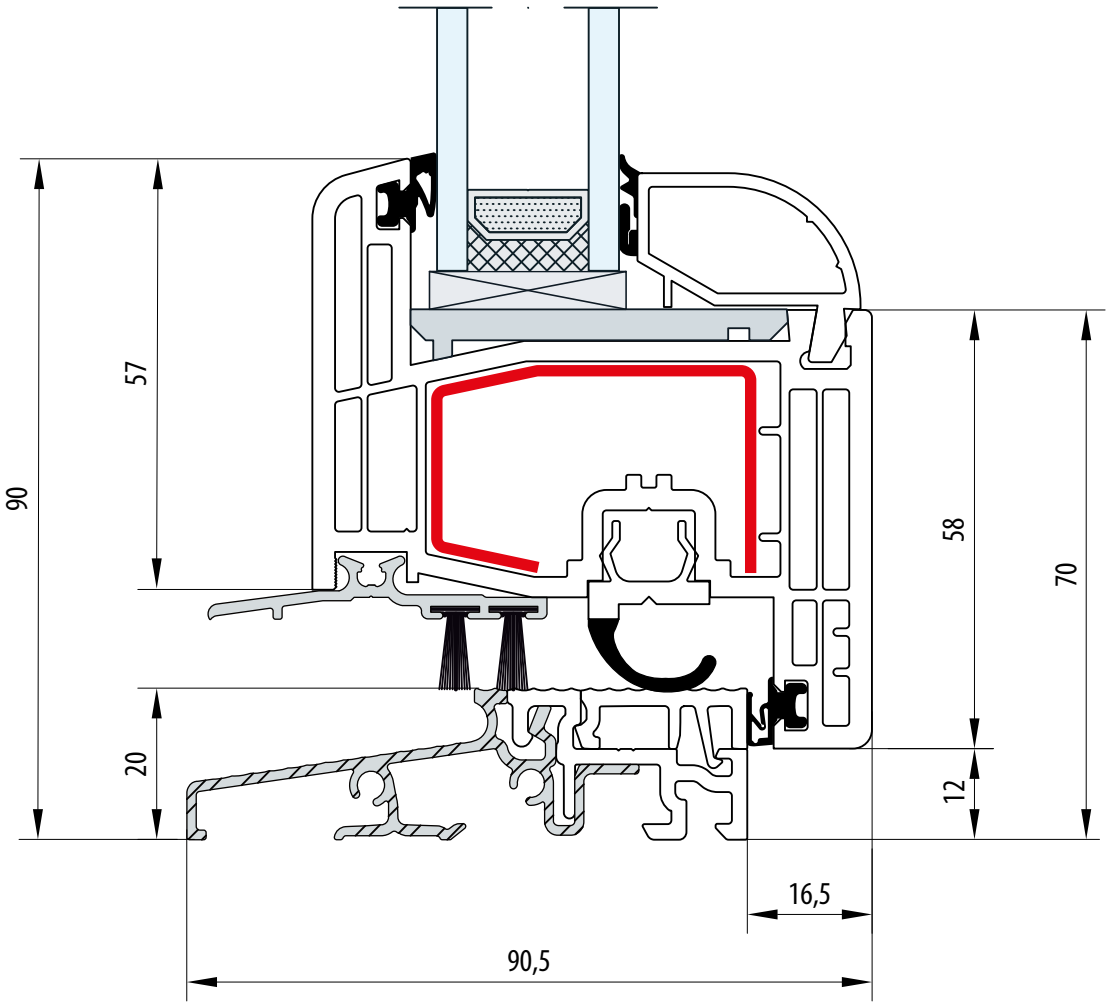
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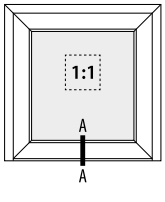


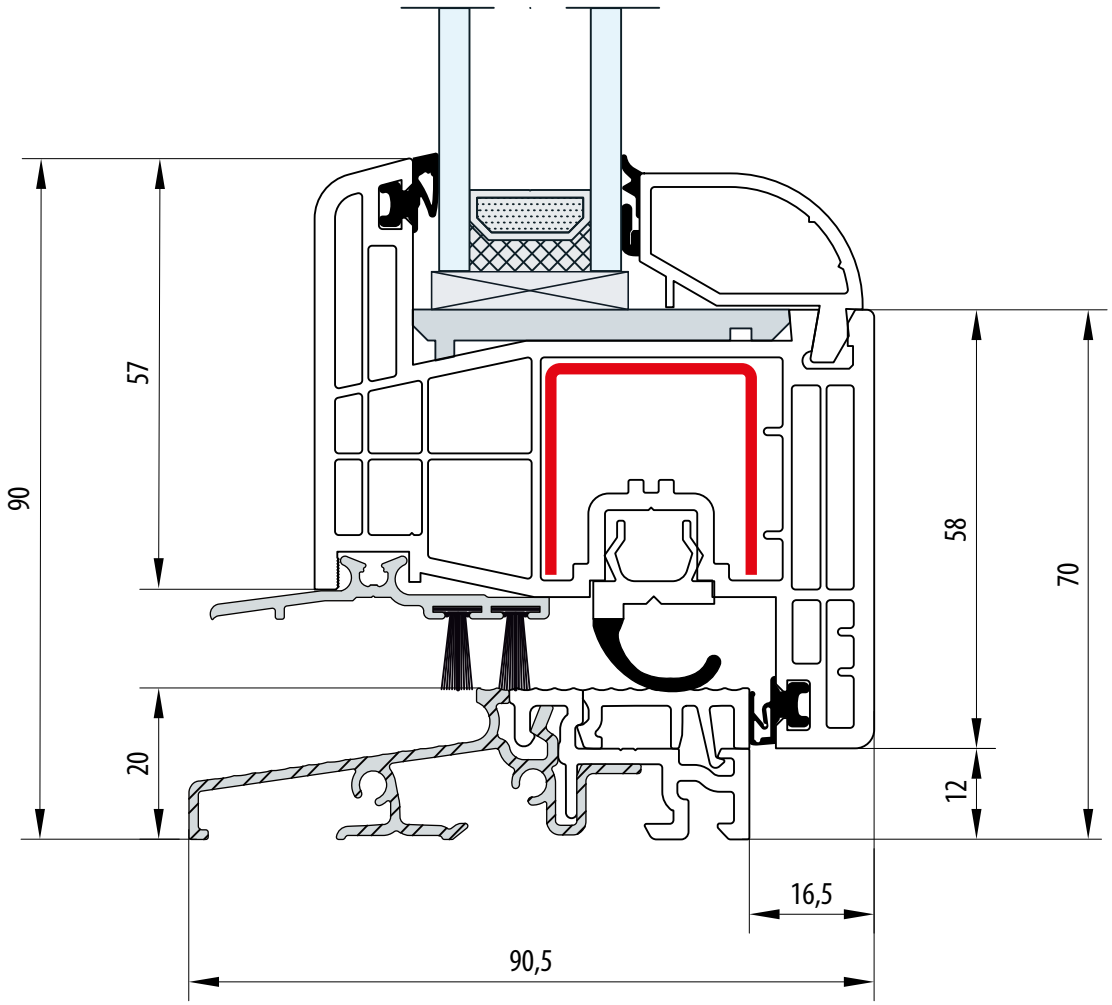
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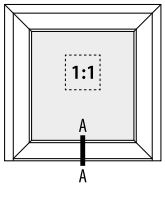


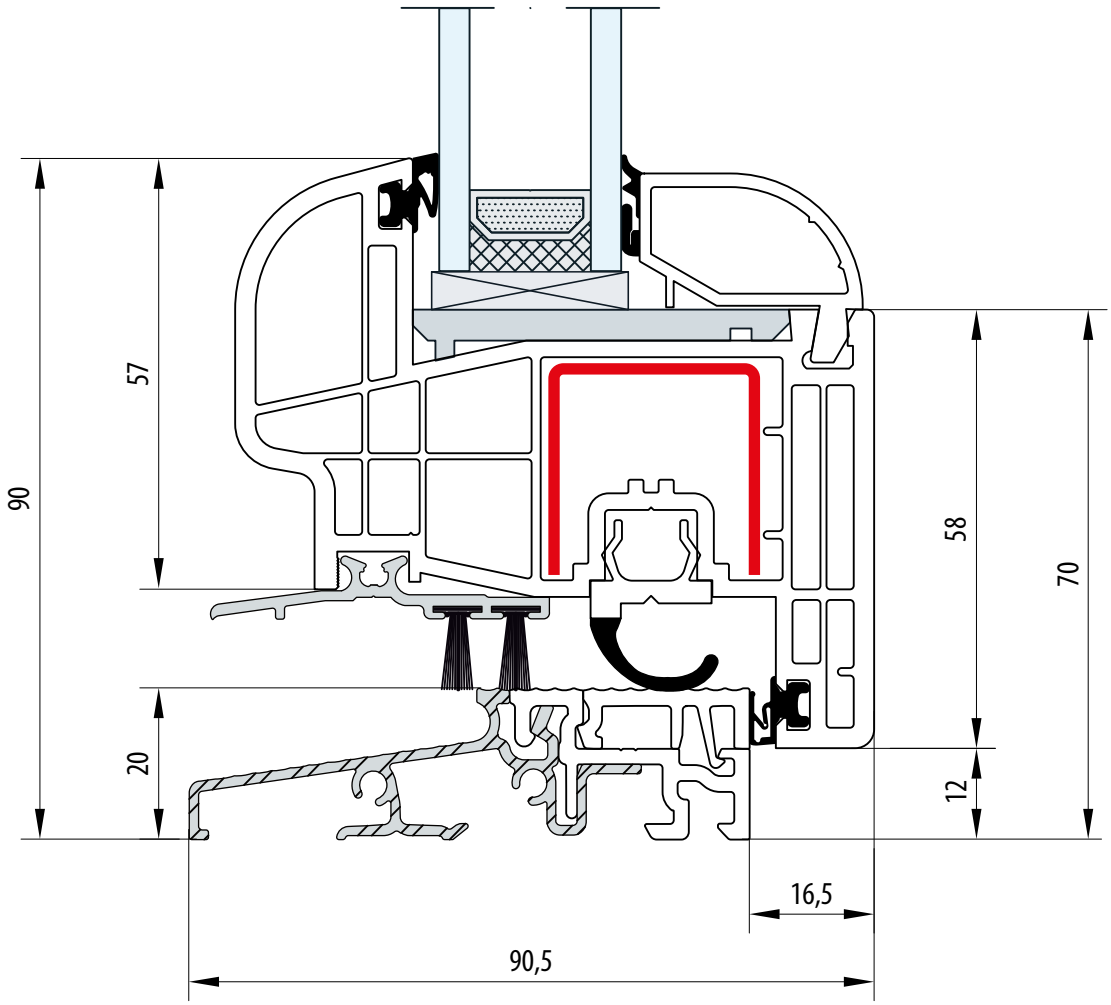
Próg: 20 mm · Skrzydło: 78 mm
Seuil: 20 mm · Vantail: 78 mm
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Schwelle: 20 mm · Flügel: 78 mm
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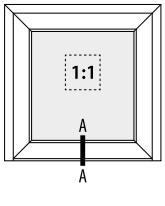


Próg: 20 mm · Skrzydło: 78 mm
Seuil: 20 mm · Vantail: 78 mm
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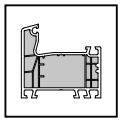


Próg: 20 mm · Skrzydło: 78 mm
Seuil: 20 mm · Vantail: 78 mm
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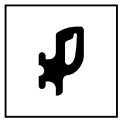


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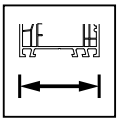




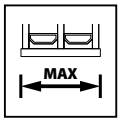
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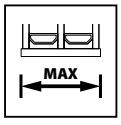
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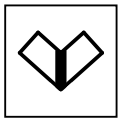
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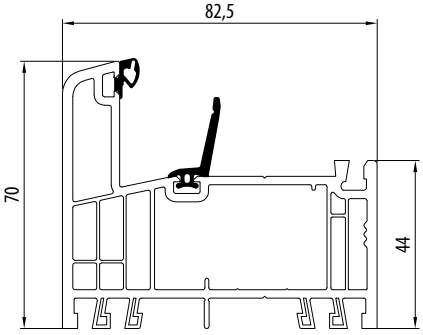


STV 54

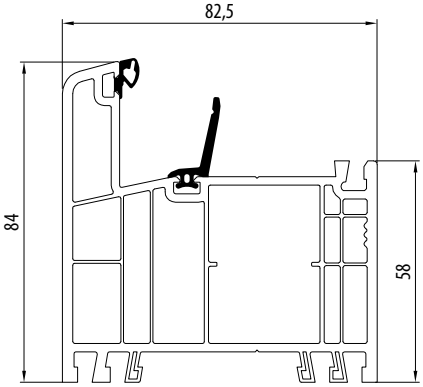


V-PERFECT TECHNOLOGY

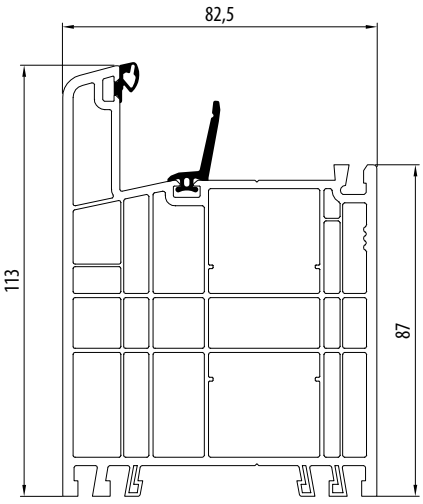




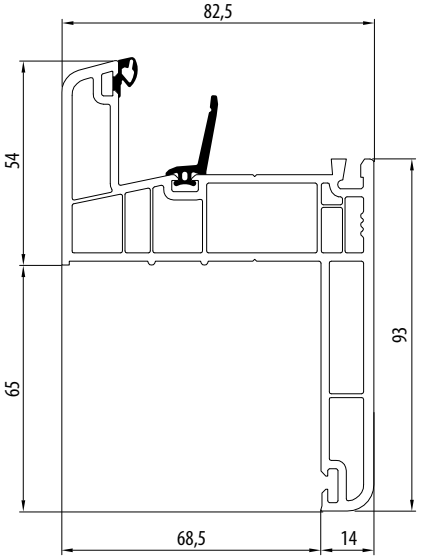
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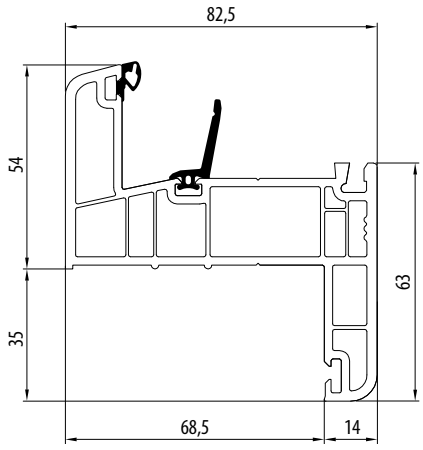
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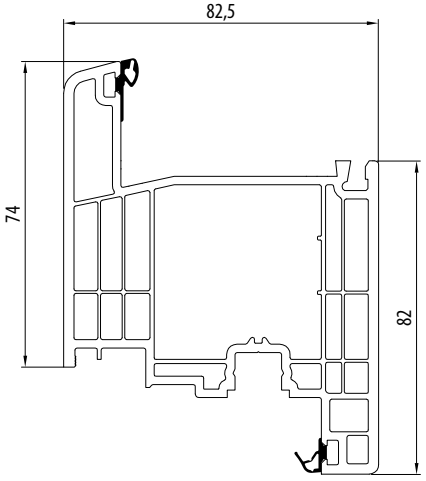
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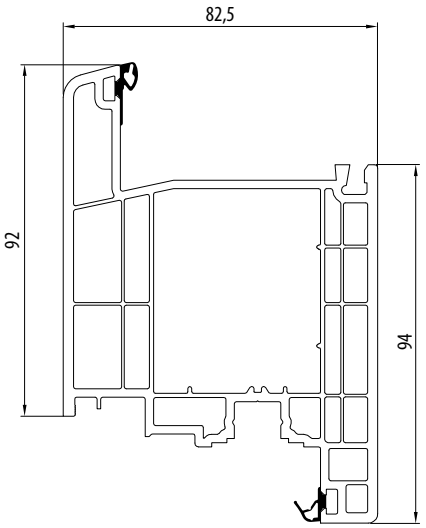
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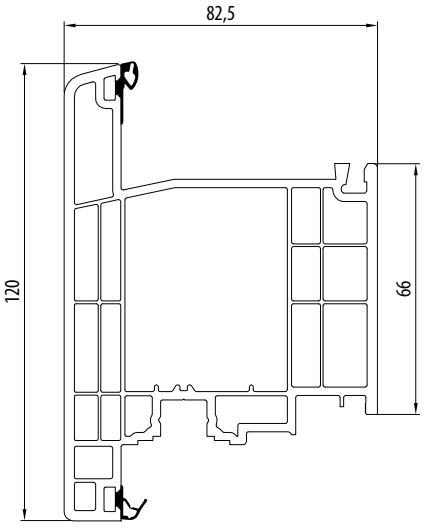
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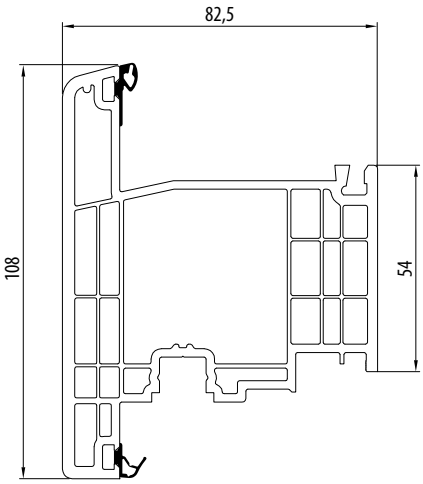


CL 6025

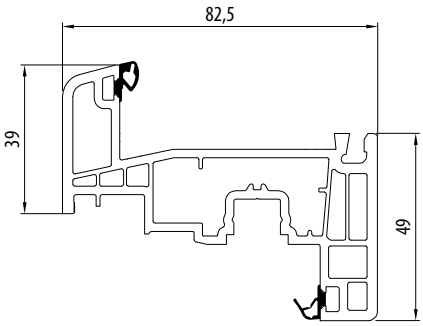


CL 6027

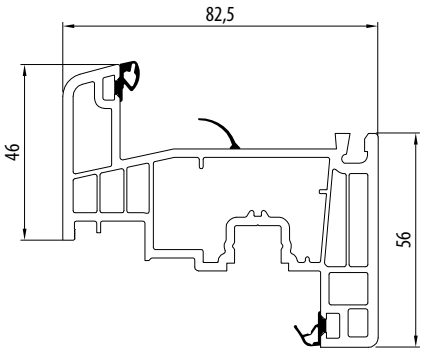
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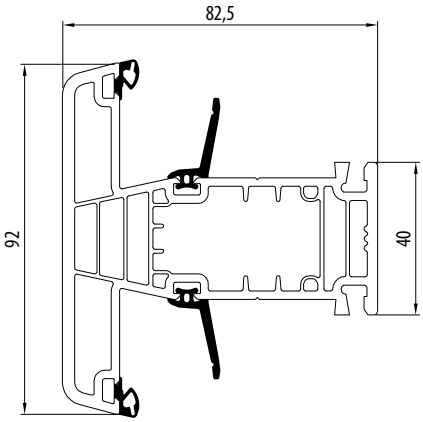
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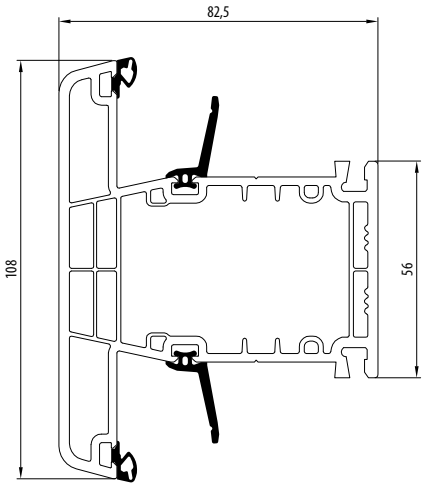
CL 6055



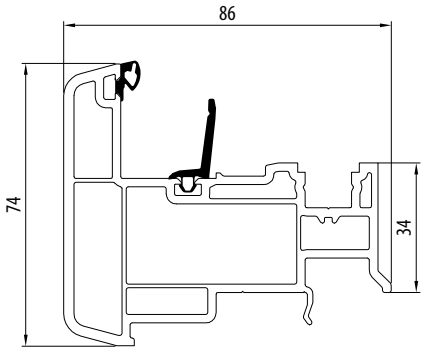
CL 6079



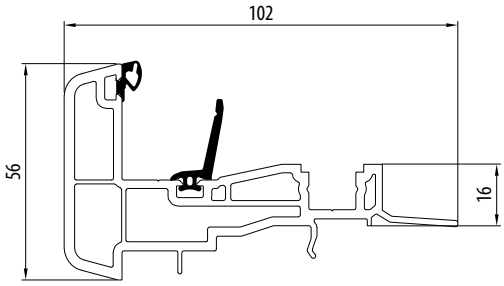
CL 6050



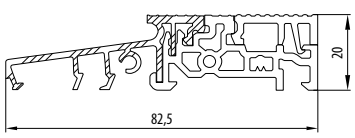
CL 6054



CL 6012

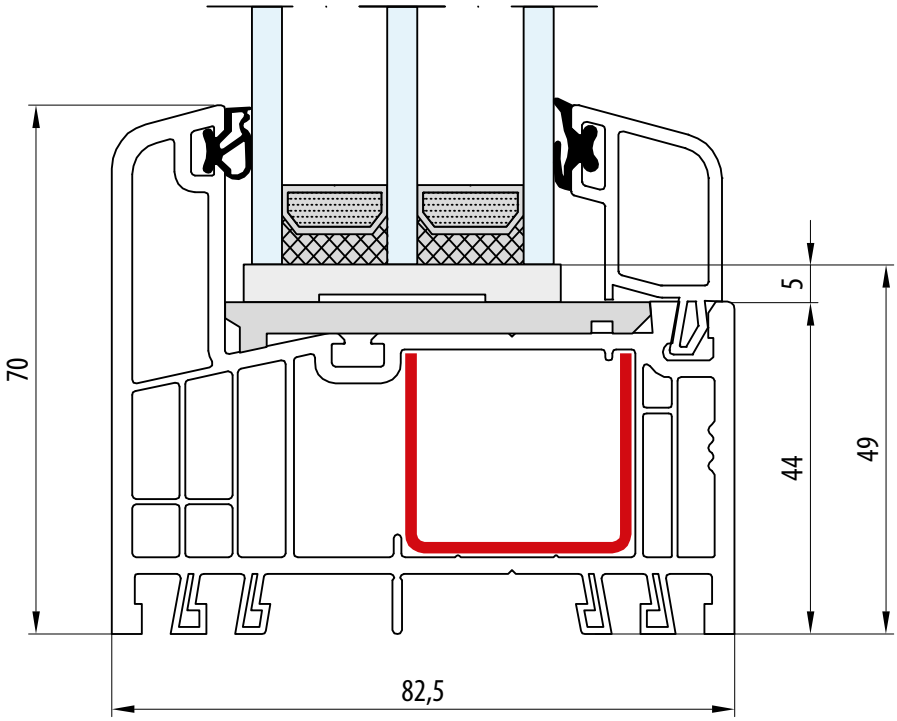


CL 6020

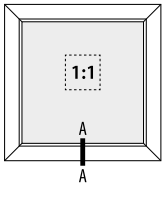


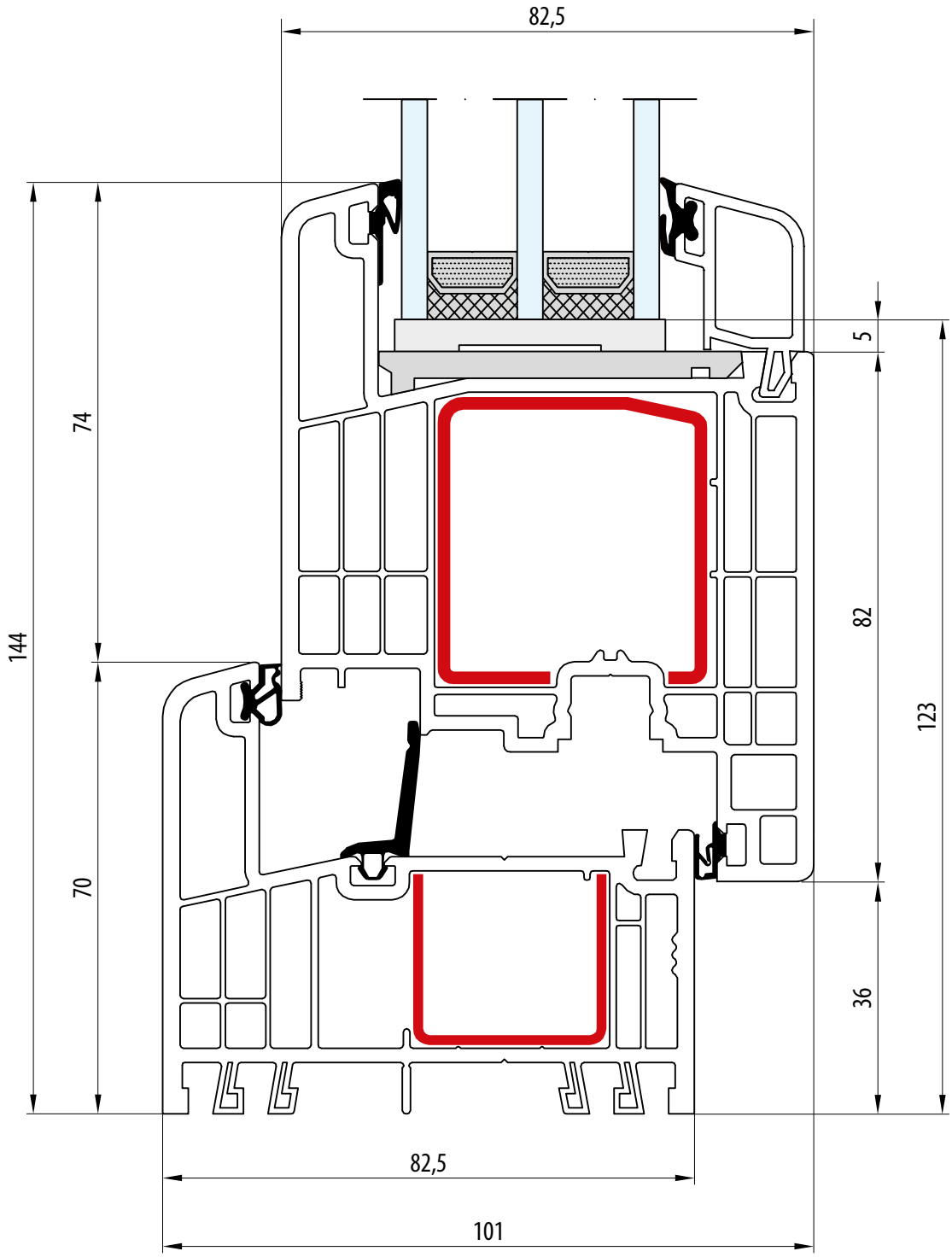
alu - 20 mm

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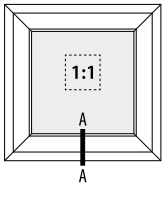


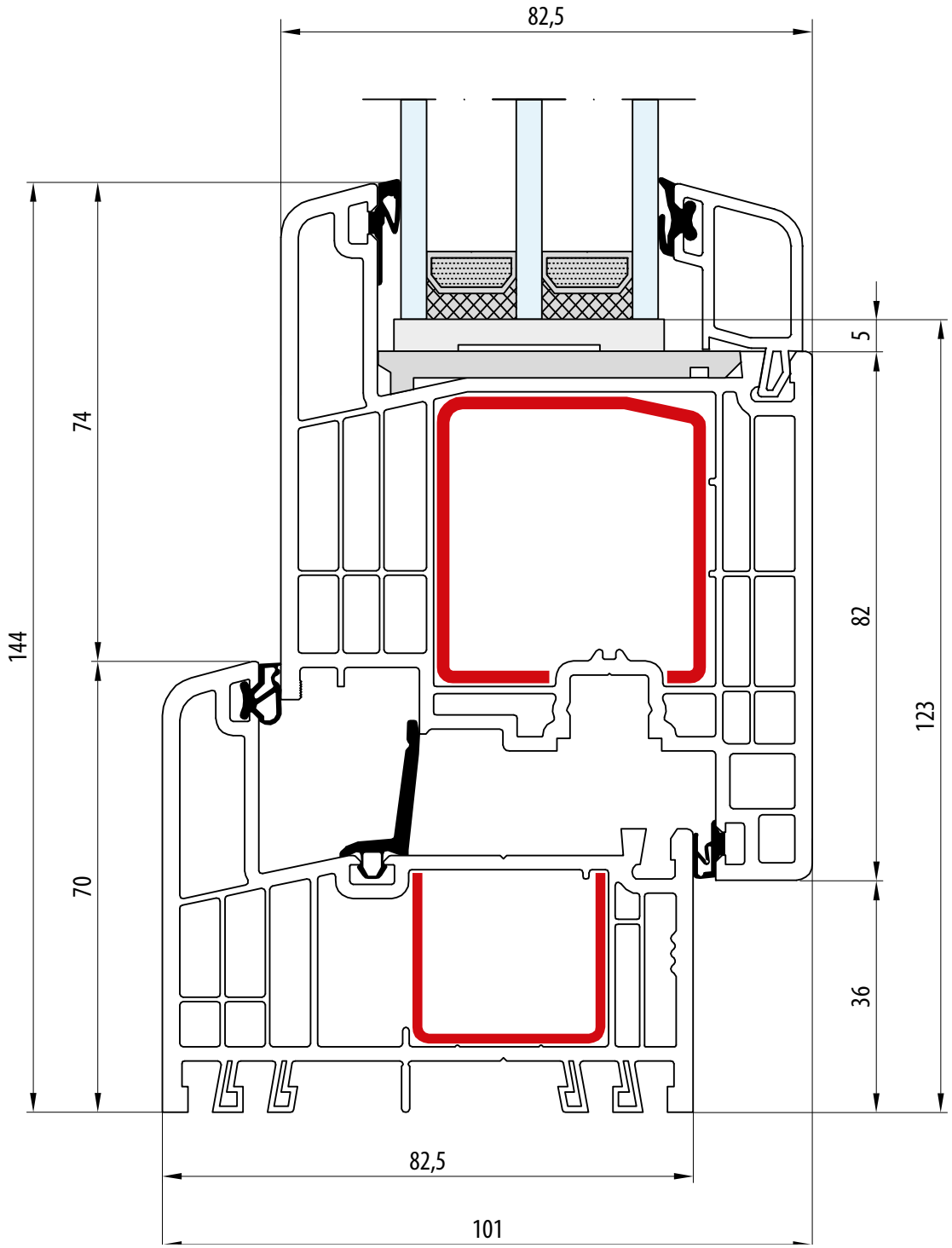
- Rama: 70 mm
- Dormant: 70 mm
- Frame: 70 mm
- Rahmen: 70 mm
- Telaio: 70 mm
- Kozijn: 70 mm



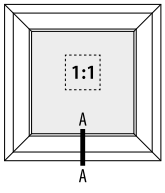


- Rama: 70 mm · Skrzydło: 108 mm
- Dormant: 70 mm · Vantail: 108 mm
- Frame: 70 mm · Sash: 108 mm
- Rahmen: 70 mm · Flügel: 108 mm
- Telaio: 70 mm · Anta: 108 mm
- Kozijn: 70 mm · Vleugel: 108 mm





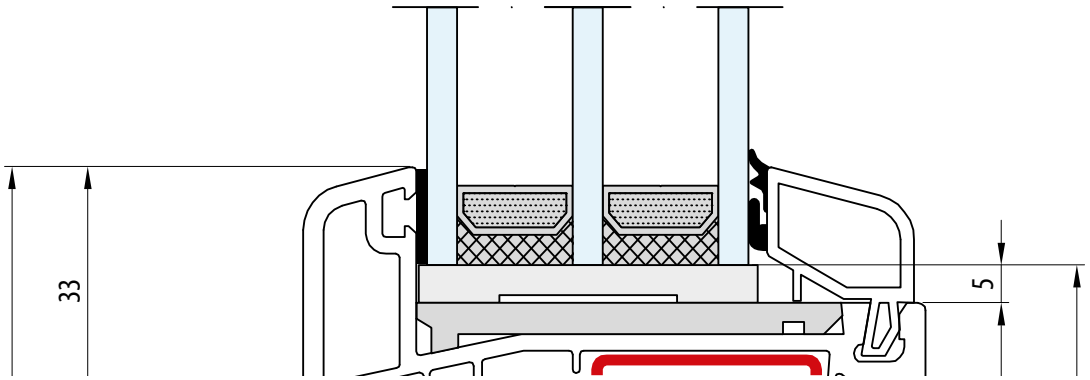
- Rama: 70 mm · Skrzydło: 108 mm
- Dormant: 70 mm · Vantail: 108 mm
- Frame: 70 mm · Sash: 108 mm
- Rahmen: 70 mm · Flügel: 108 mm
- Telaio: 70 mm · Anta: 108 mm
- Kozijn: 70 mm · Vleugel: 108 mm

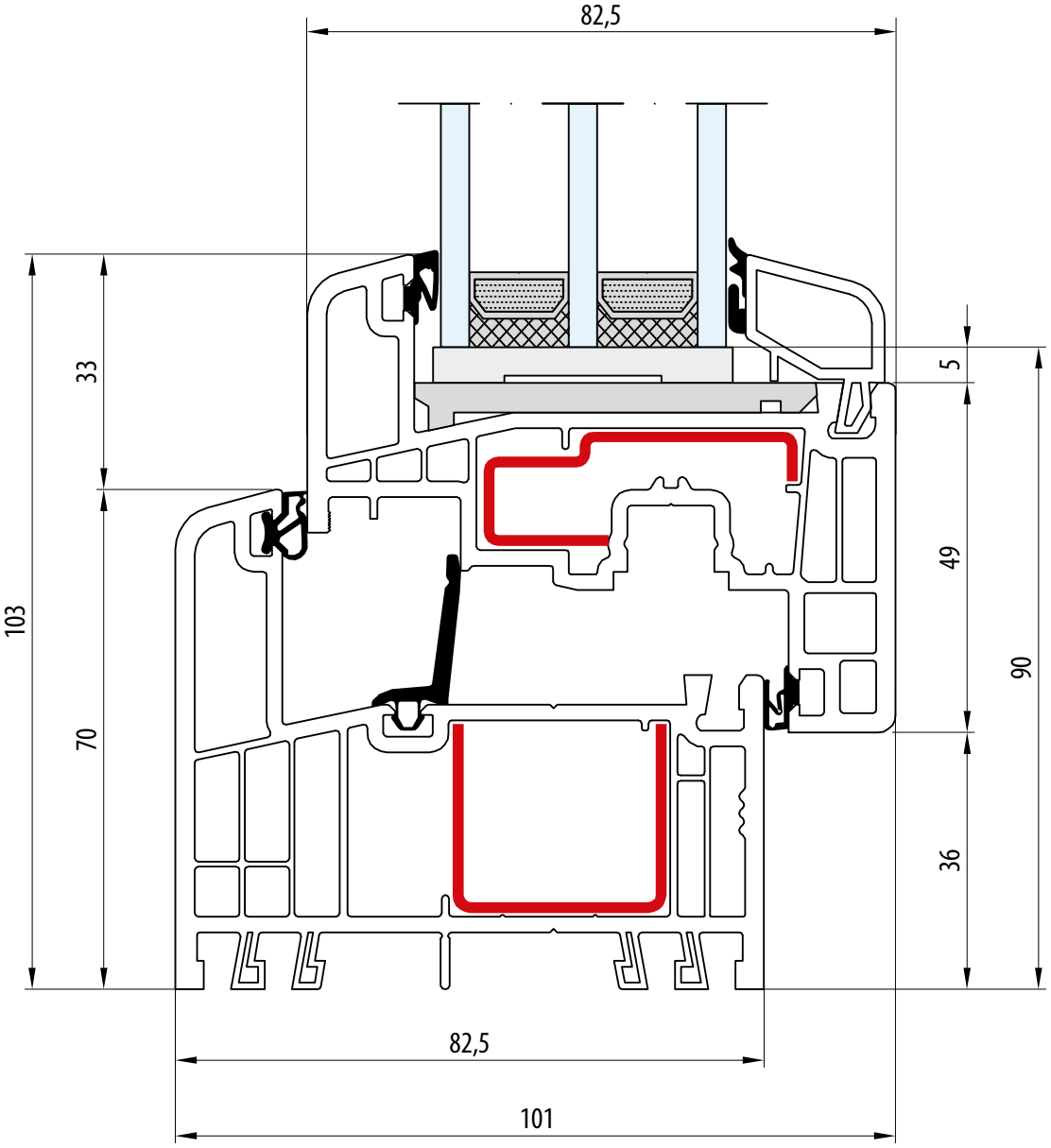


CL

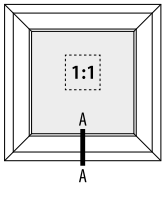
CL

STV





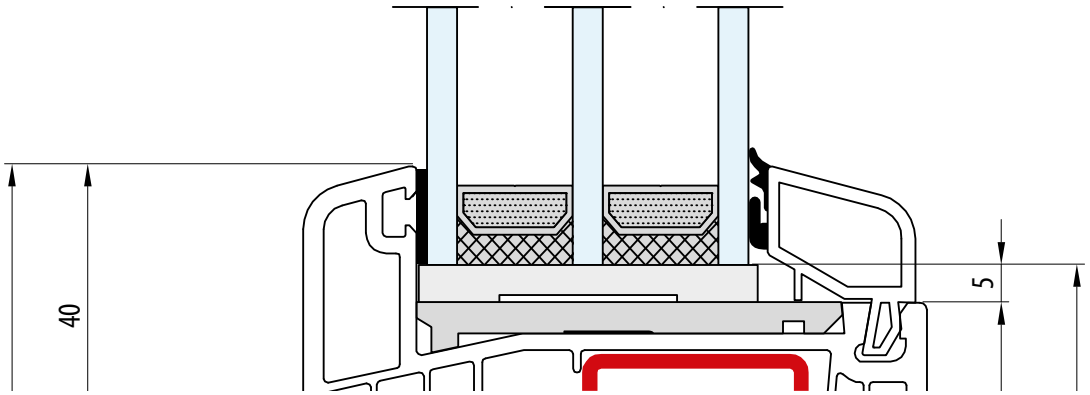
- Rama: 70 mm · Skrzydło: 67 mm
- Dormant: 70 mm · Vantail: 67 mm
- Frame: 70 mm · Sash: 67 mm
- Rahmen: 70 mm · Flügel: 67 mm
- Telaio: 70 mm · Anta: 67 mm
- Kozijn: 70 mm · Vleugel: 67 mm

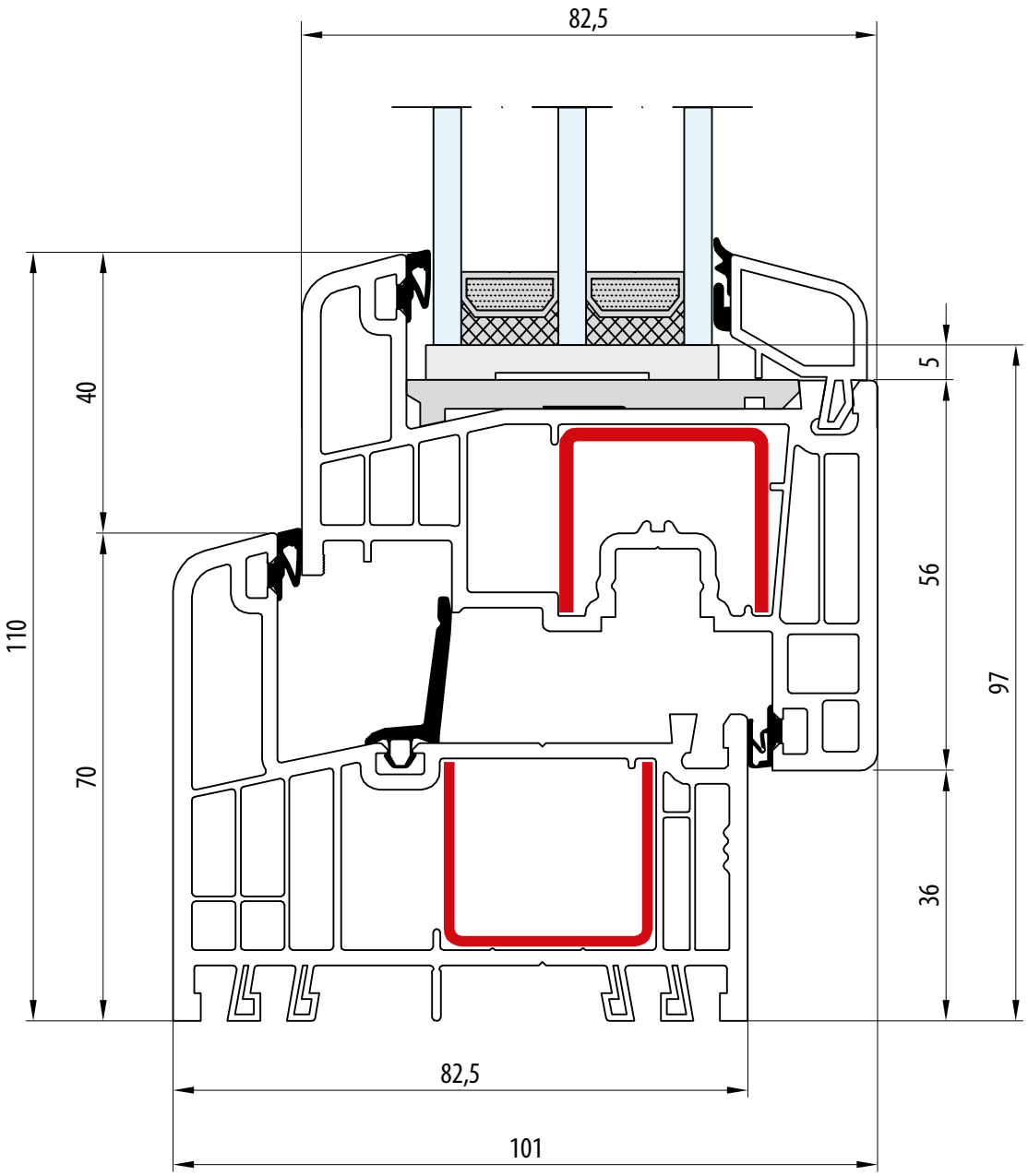


CL

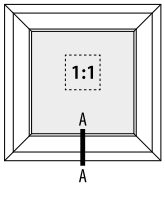
CL

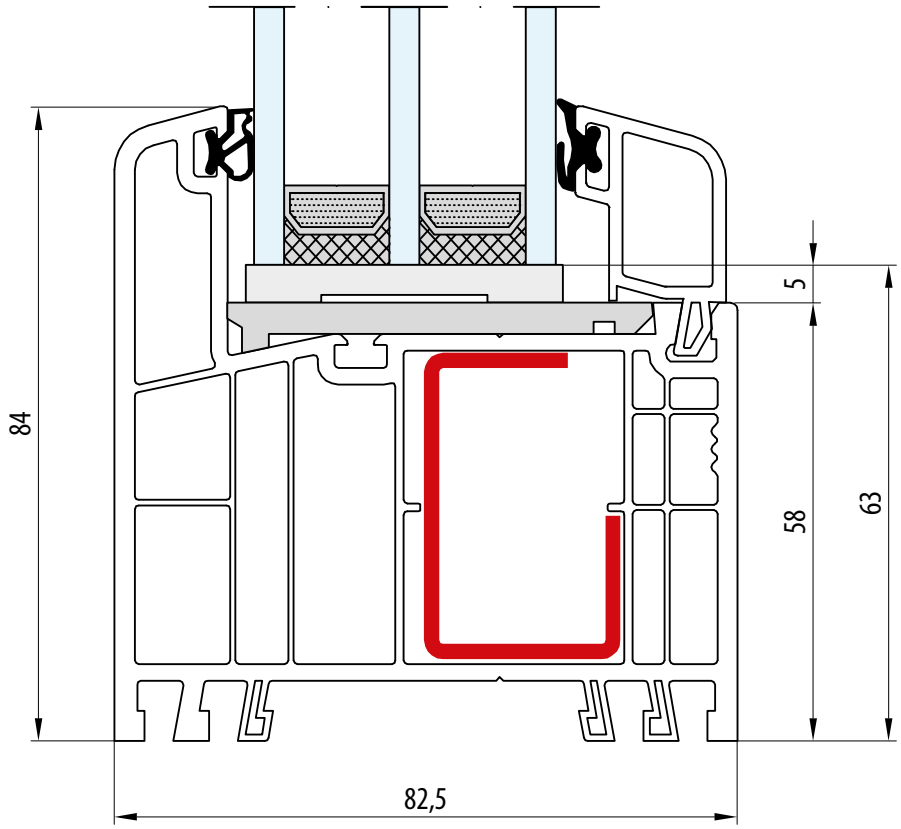
STV



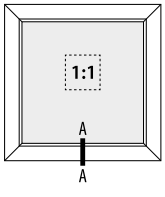


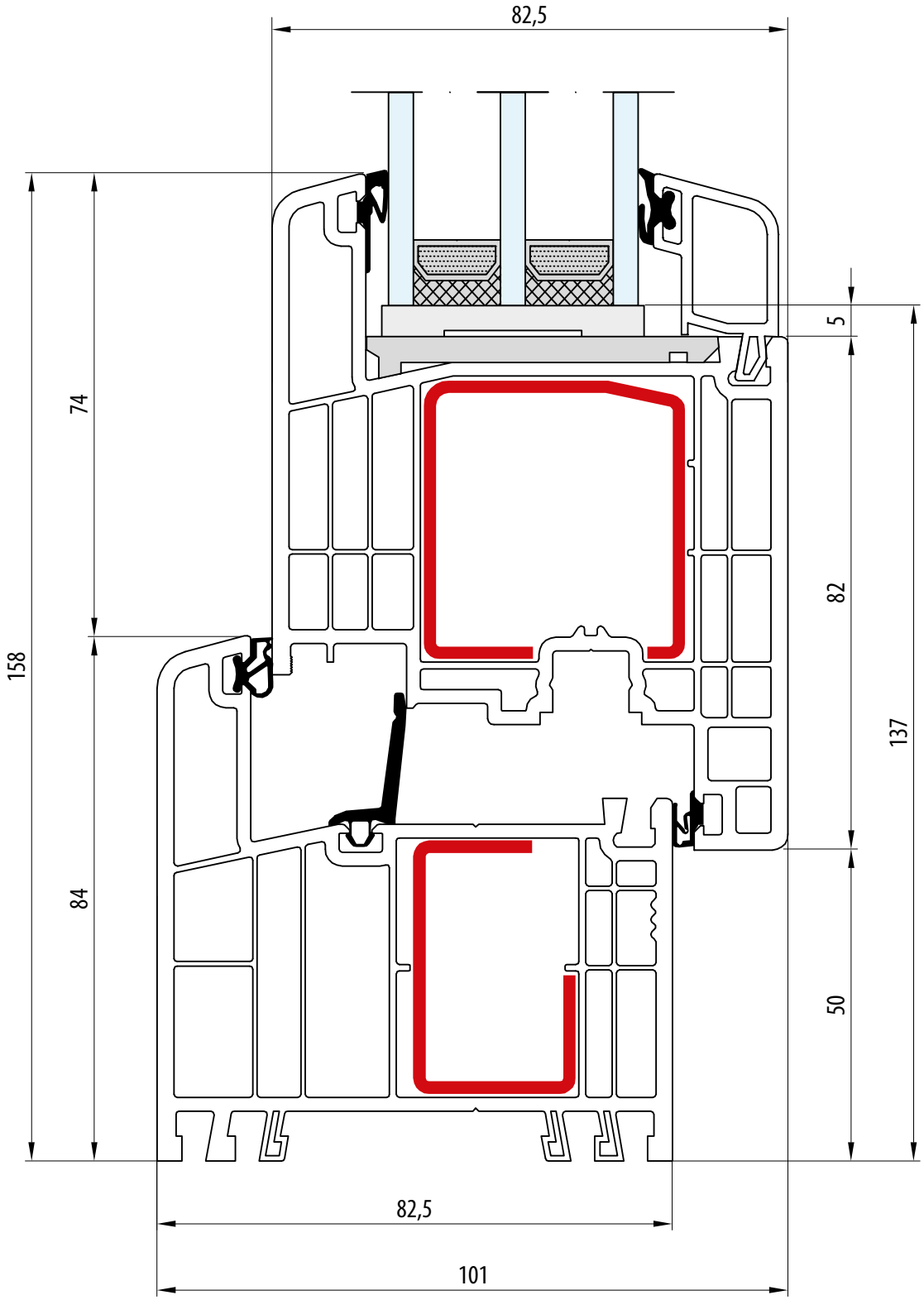
- Rama: 70 mm · Skrzydło: 74 mm
- Dormant: 70 mm · Vantail: 74 mm
- Frame: 70 mm · Sash: 74 mm
- Rahmen: 70 mm · Flügel: 74 mm
- Telaio: 70 mm · Anta: 74 mm
- Kozijn: 70 mm · Vleugel: 74 mm



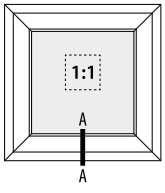


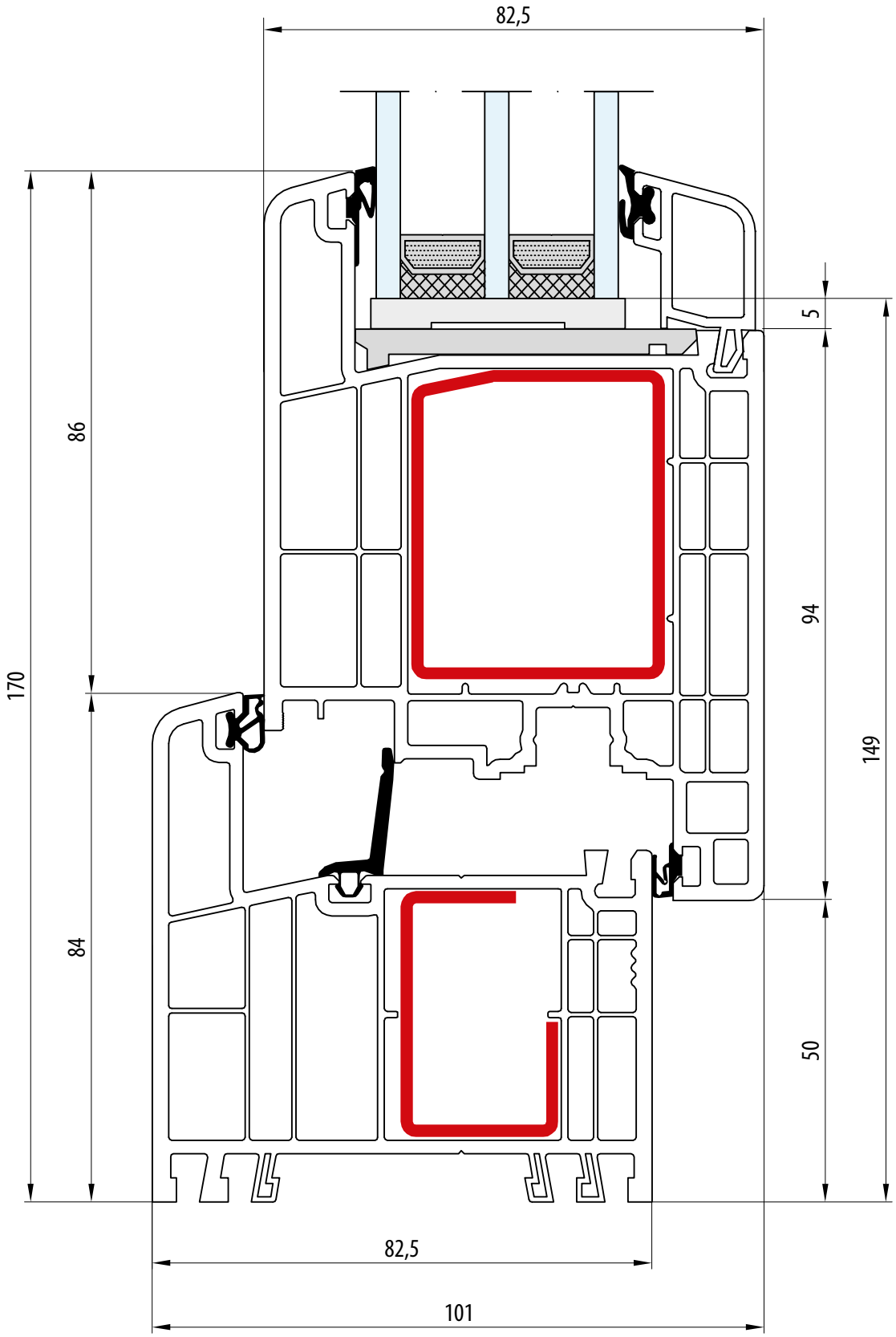
- Rama: 84 mm
- Dormant: 84 mm
- Frame: 84 mm
- Rahmen: 84 mm
- Telaio: 84 mm
- Kozijn: 84 mm



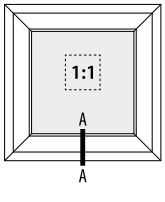


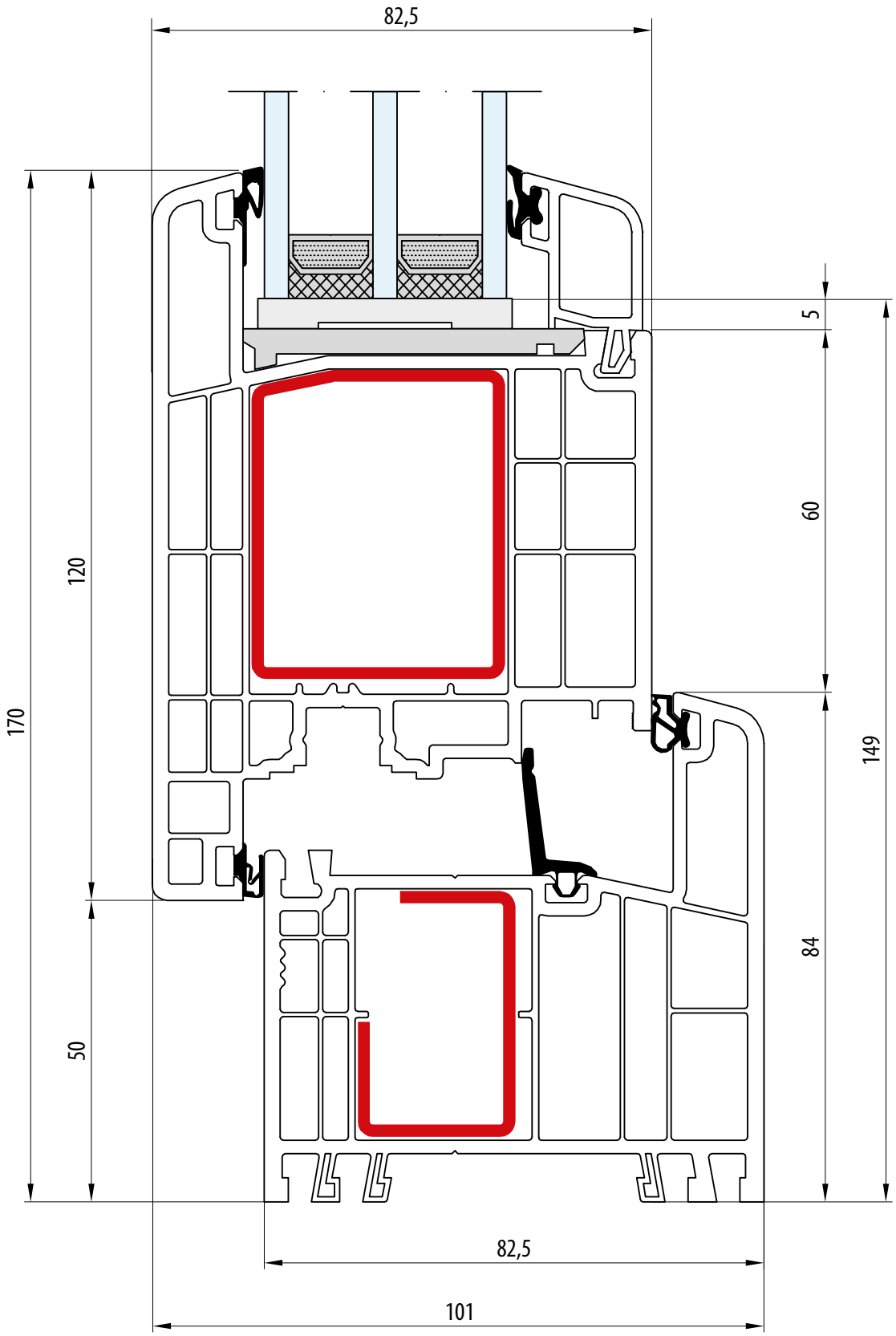
- Rama: 84 mm · Skrzydło: 108 mm
- Dormant: 84 mm · Vantail: 108 mm
- Frame: 84 mm · Sash: 108 mm
- Rahmen: 84 mm · Flügel: 108 mm
- Telaio: 84 mm · Anta: 108 mm
- Kozijn: 84 mm · Vleugel: 108 mm



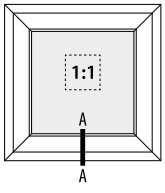


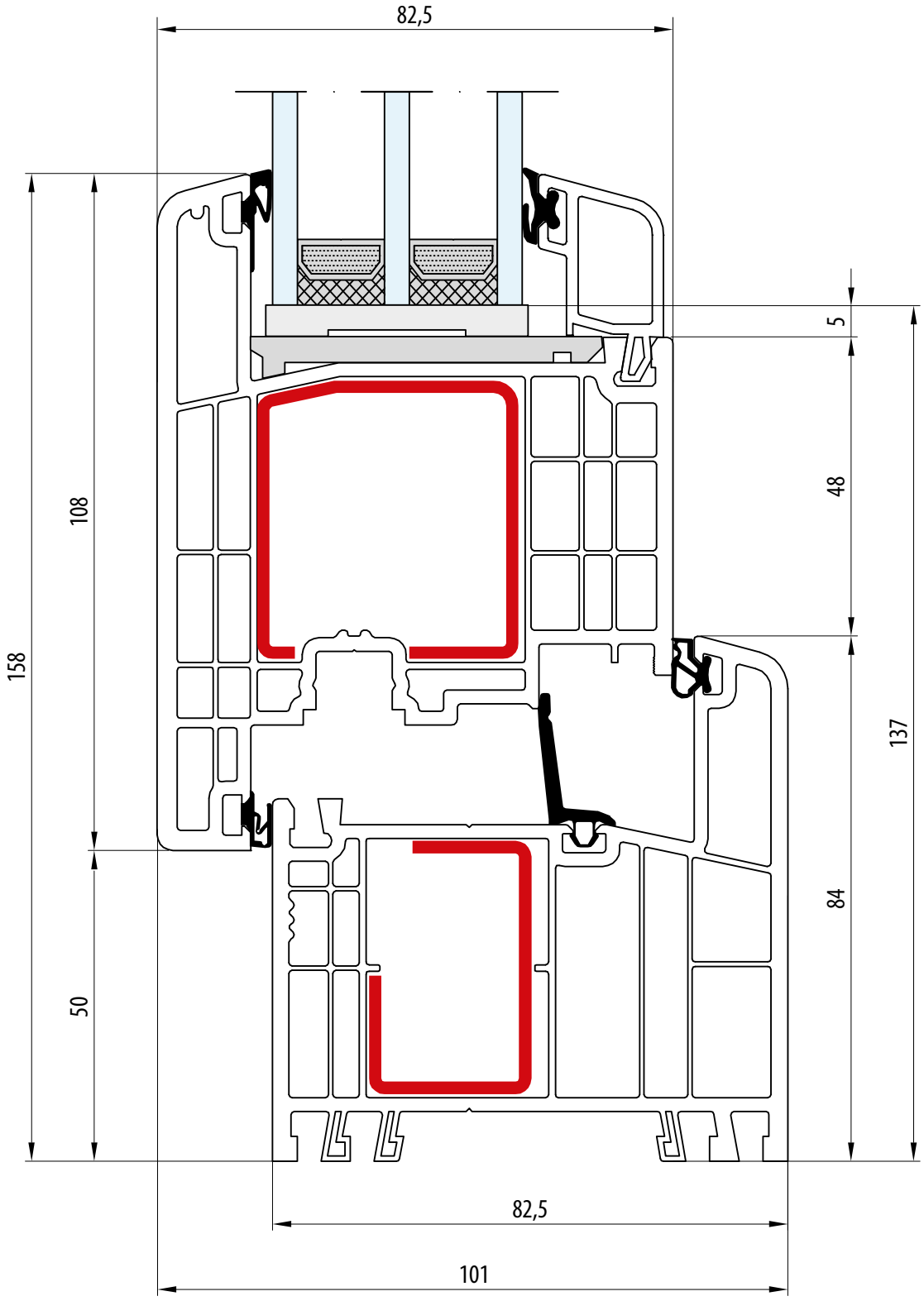
- Rama: 84 mm · Skrzydło: 120 mm
- Dormant: 84 mm · Vantail: 120 mm
- Frame: 84 mm · Sash: 120 mm
- Rahmen: 84 mm · Flügel: 120 mm
- Telaio: 84 mm · Anta: 120 mm
- Kozijn: 84 mm · Vleugel: 120 mm



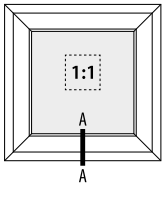


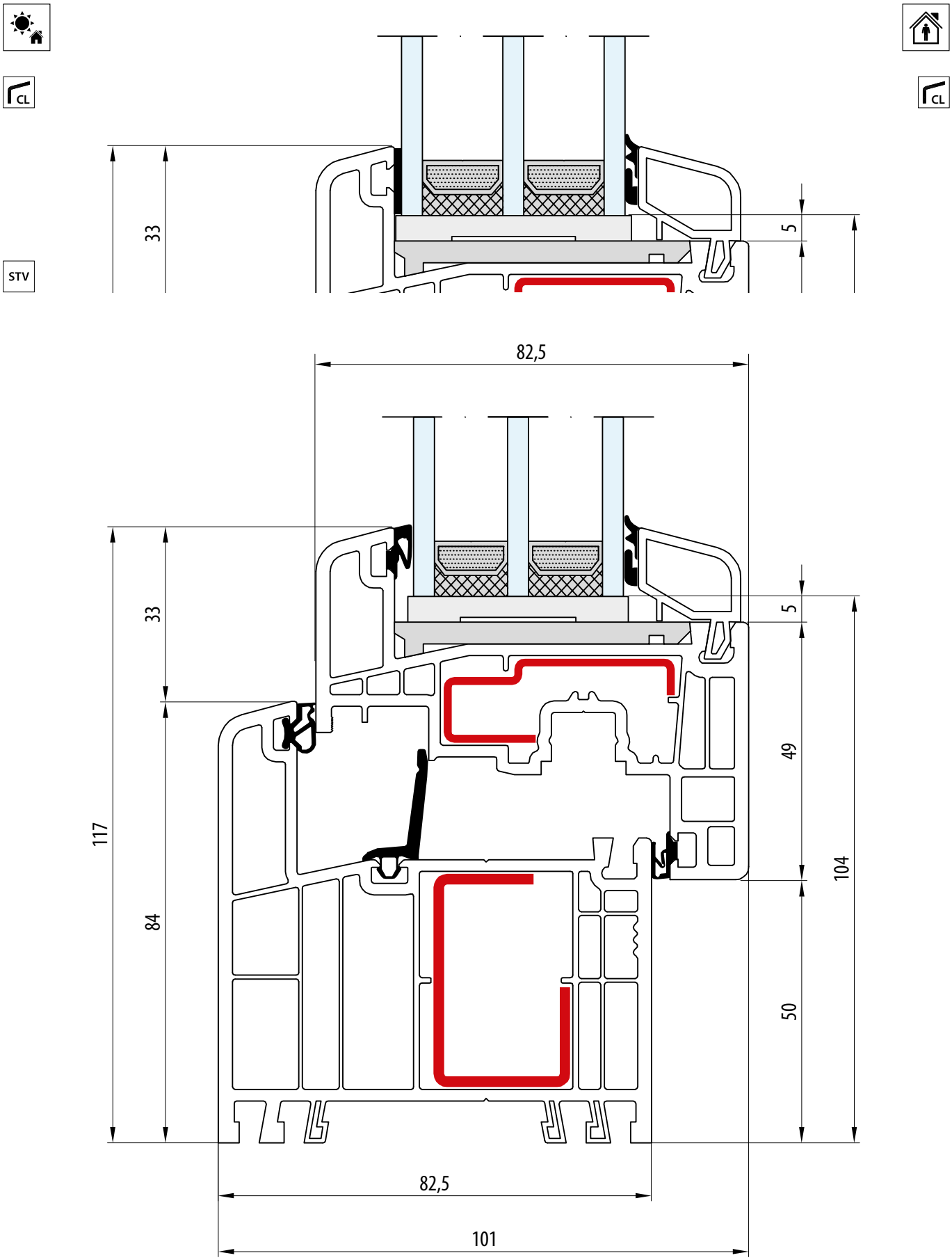
- Rama: 84 mm · Skrzydło: 120 mm
- Dormant: 84 mm · Vantail: 120 mm
- Frame: 84 mm · Sash: 120 mm
- Rahmen: 84 mm · Flügel: 120 mm
- Telaio: 84 mm · Anta: 120 mm
- Kozijn: 84 mm · Vleugel: 120 mm



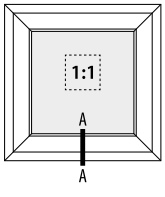


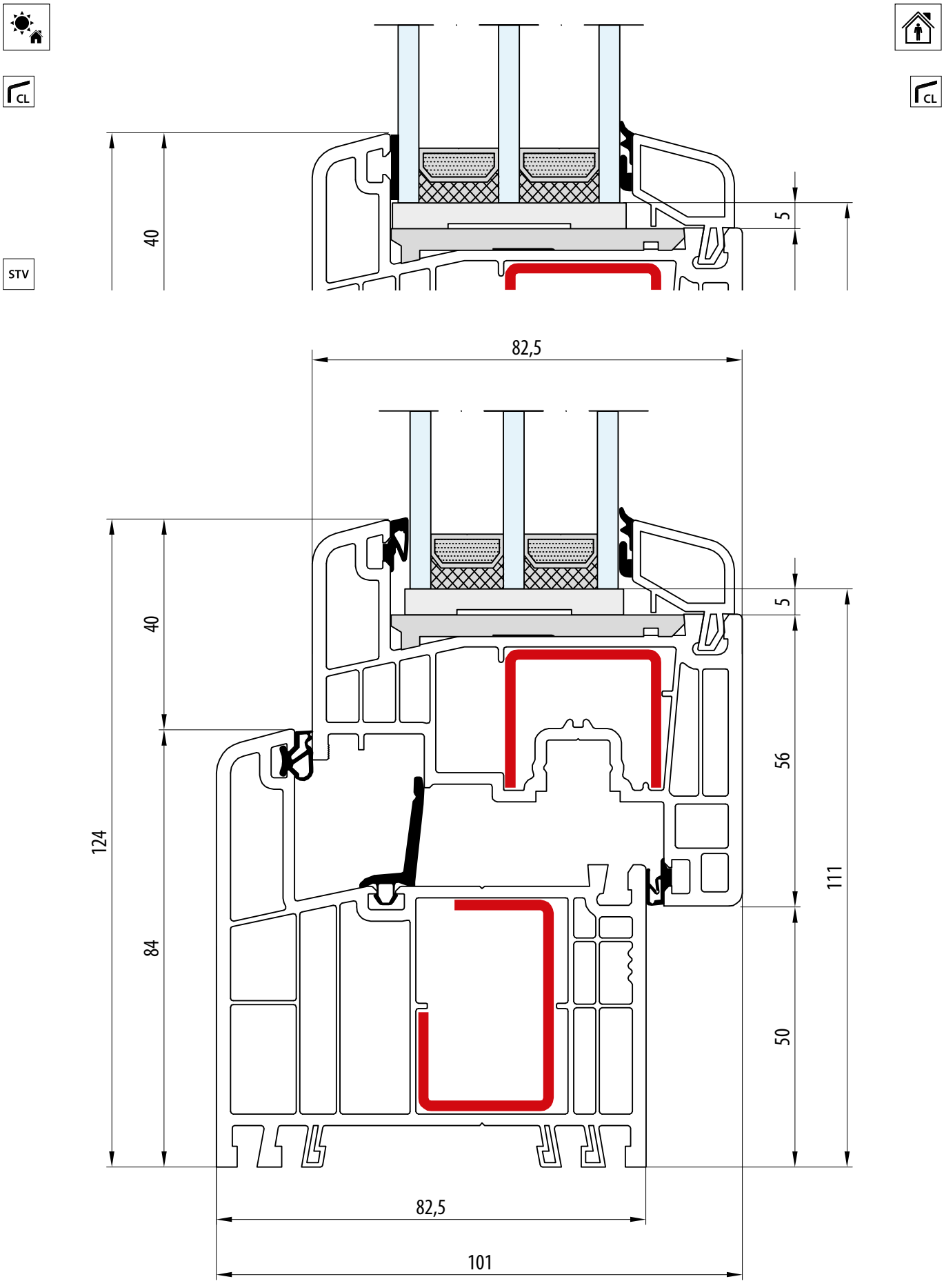
- Rama: 84 mm · Skrzydło: 108 mm
- Dormant: 84 mm · Vantail: 108 mm
- Frame: 84 mm · Sash: 108 mm
- Rahmen: 84 mm · Flügel: 108 mm
- Telaio: 84 mm · Anta: 108 mm
- Kozijn: 84 mm · Vleugel: 108 mm



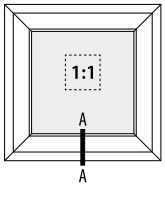


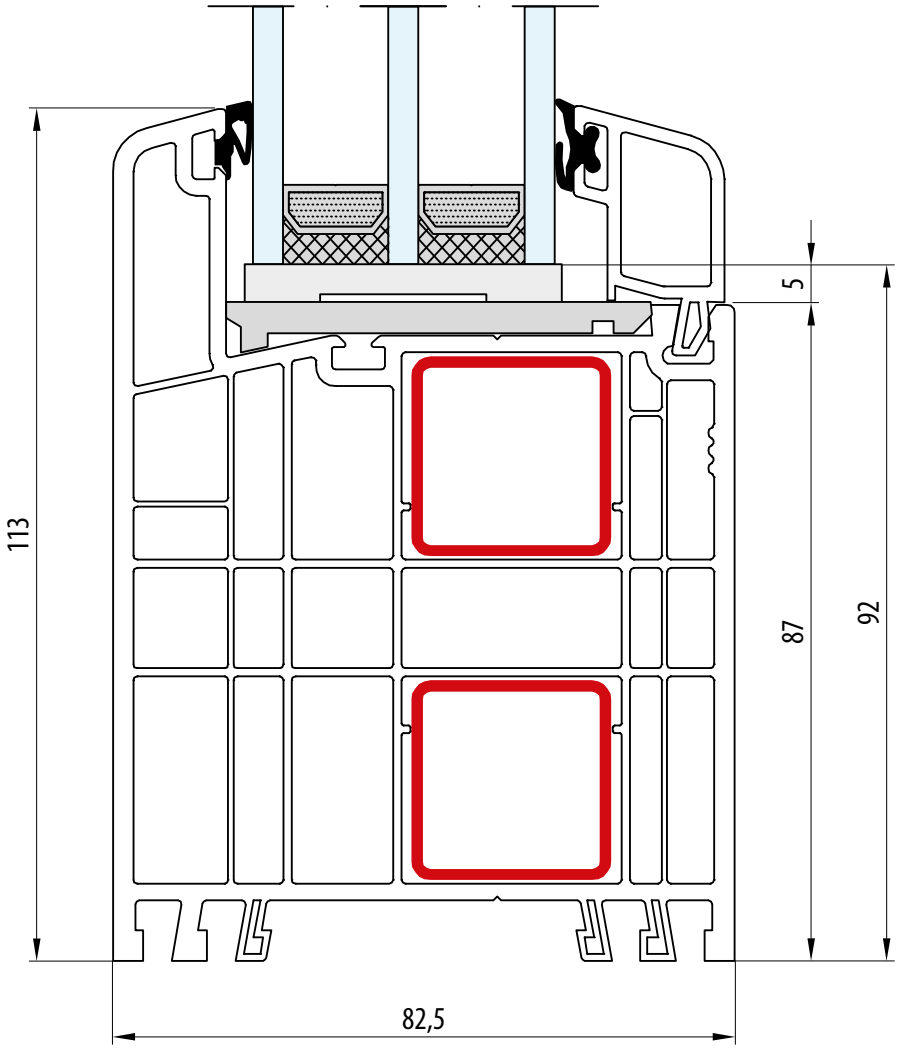
- Rama: 84 mm · Skrzydło: 67 mm
- Dormant: 84 mm · Vantail: 67 mm
- Frame: 84 mm · Sash: 67 mm
- Rahmen: 84 mm · Flügel: 67 mm
- Telaio: 84 mm · Anta: 67 mm
- Kozijn: 84 mm · Vleugel: 67 mm



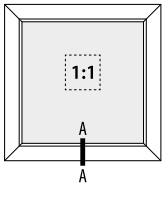


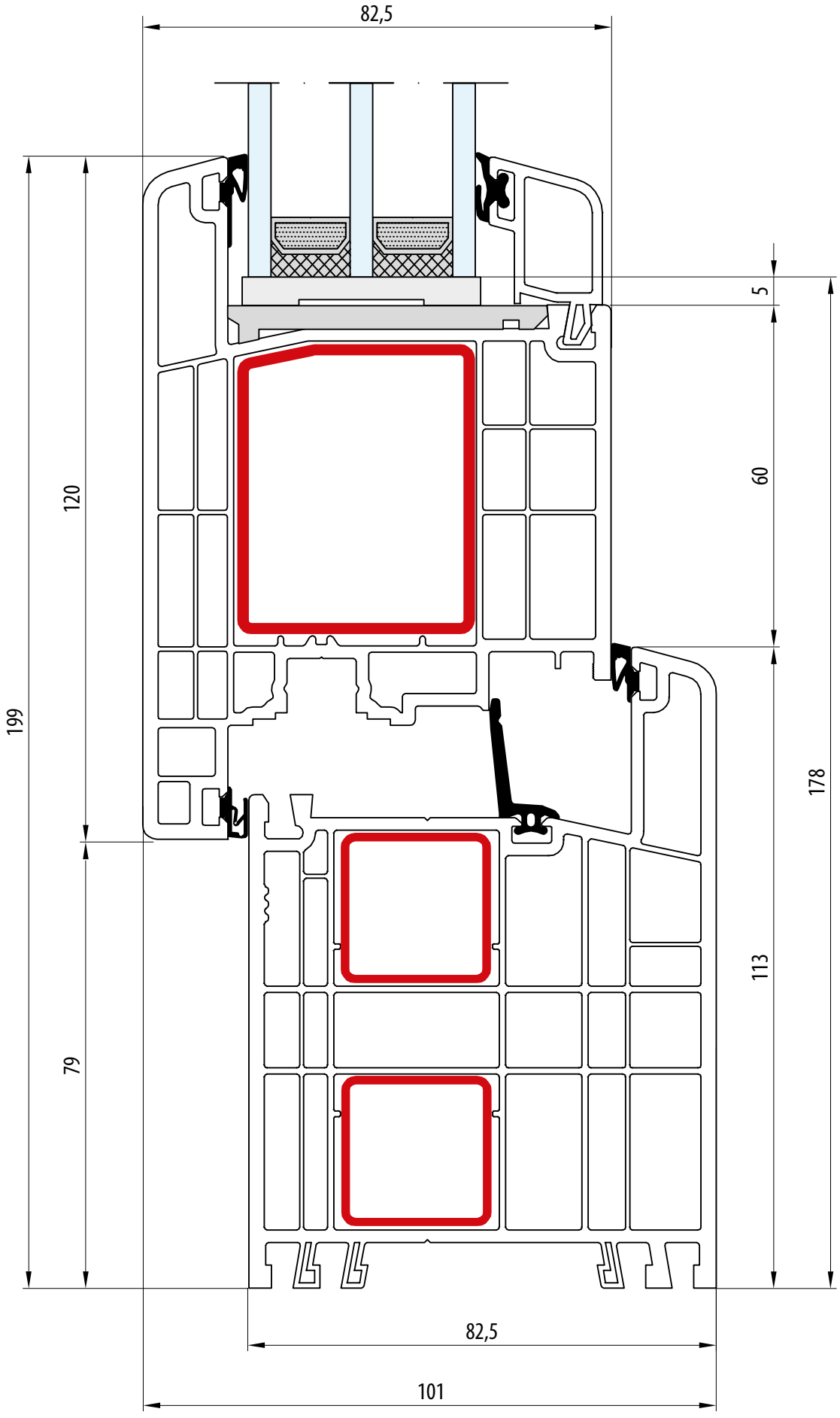
- Rama: 84 mm · Skrzydło: 74 mm
- Dormant: 84 mm · Vantail: 74 mm
- Frame: 84 mm · Sash: 74 mm
- Rahmen: 84 mm · Flügel: 74 mm
- Telaio: 84 mm · Anta: 74 mm
- Kozijn: 84 mm · Vleugel: 74 mm



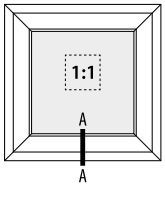


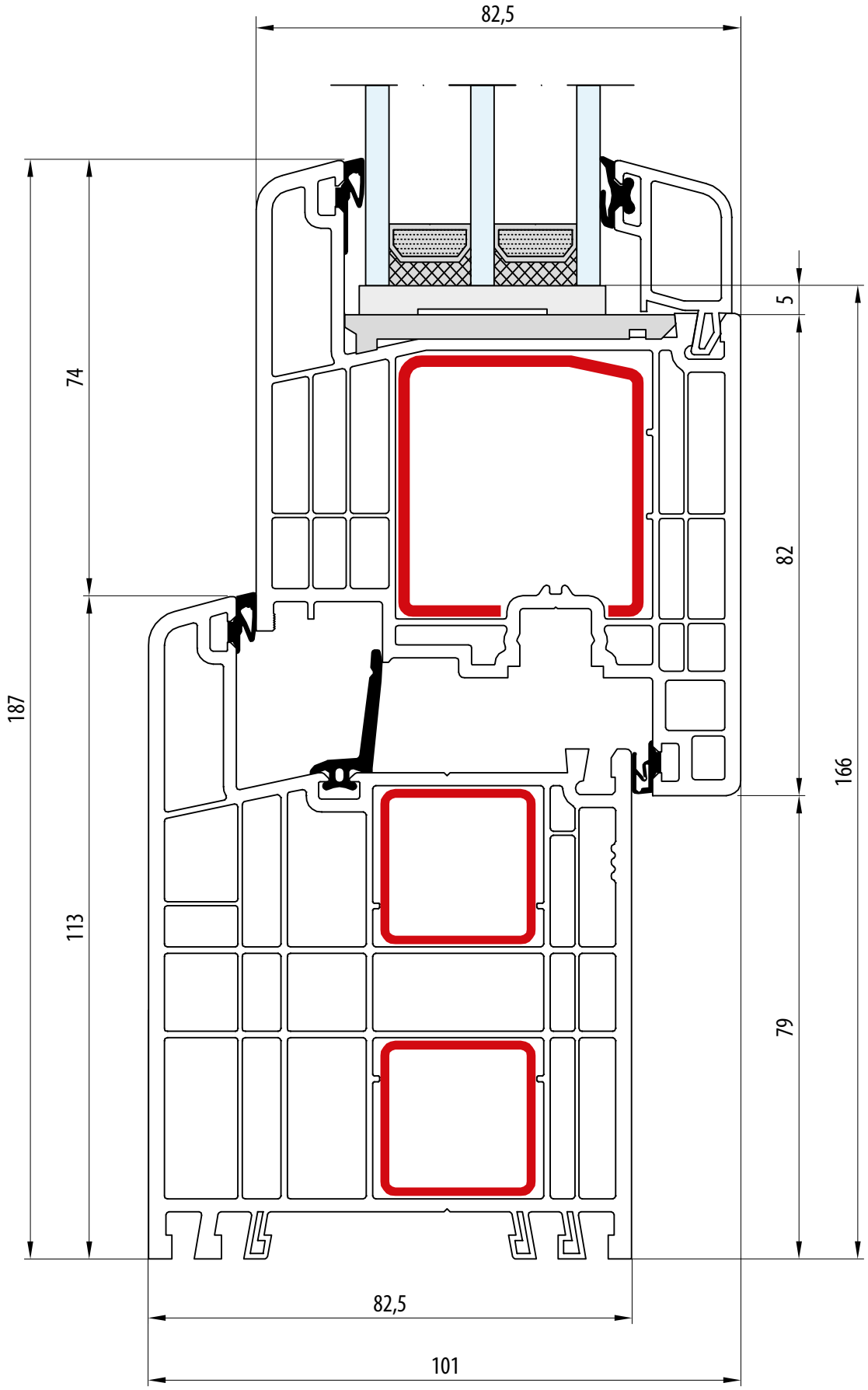
Rama: 113 mm
Dormant: 113 mm
Frame: 113 mm
Rahmen: 113 mm
Telaio: 113 mm
Kozijn: 113 mm



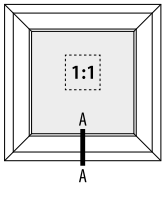


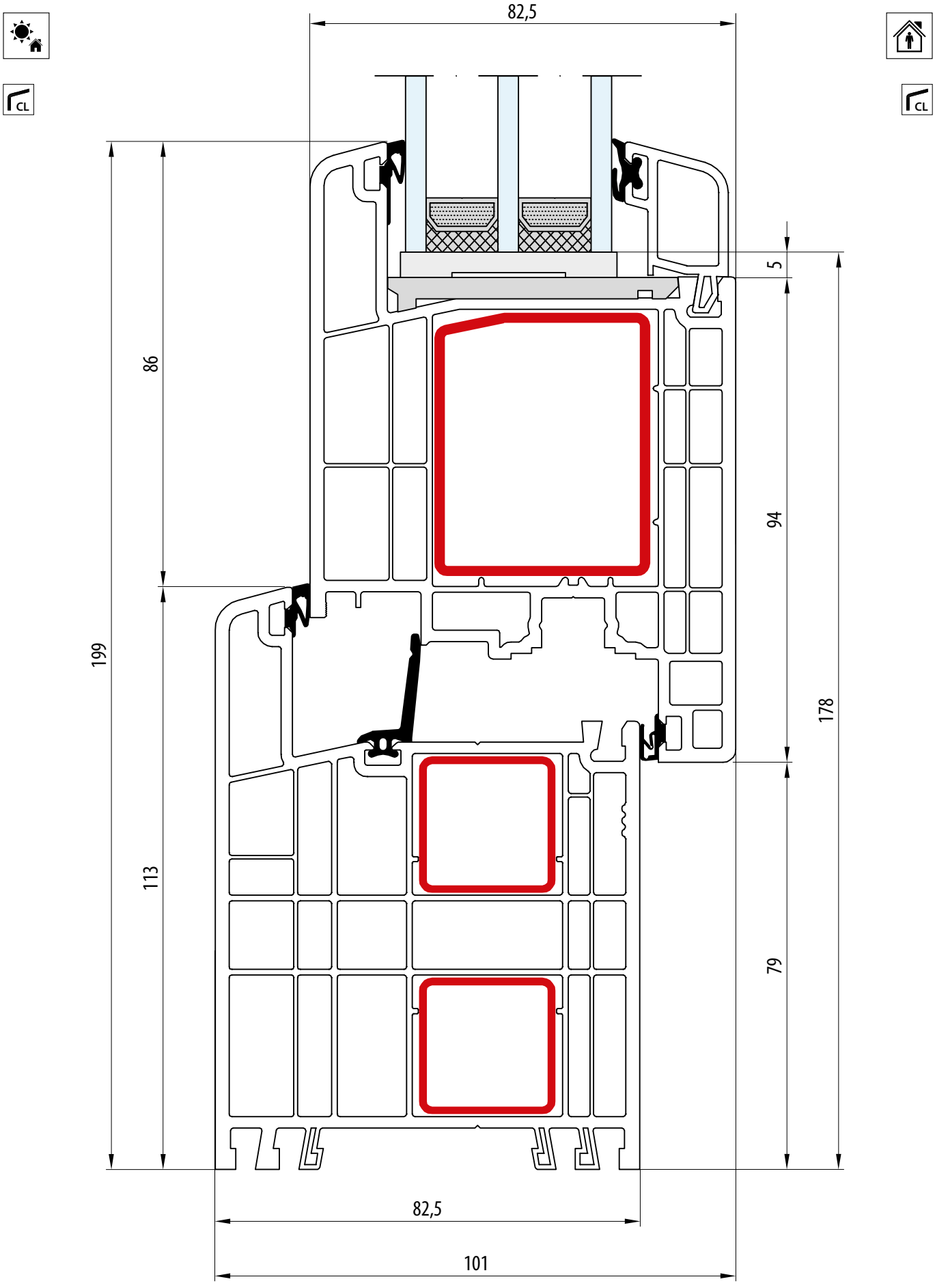
- Rama: 113 mm · Skrzydło: 120 mm
- Dormant: 113 mm · Vantail: 120 mm
- Frame: 113 mm · Sash: 120 mm
- Rahmen: 113 mm · Flügel: 120 mm
- Telaio: 113 mm · Anta: 120 mm
- Kozijn: 113 mm · Vleugel: 120 mm



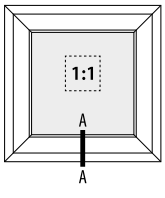


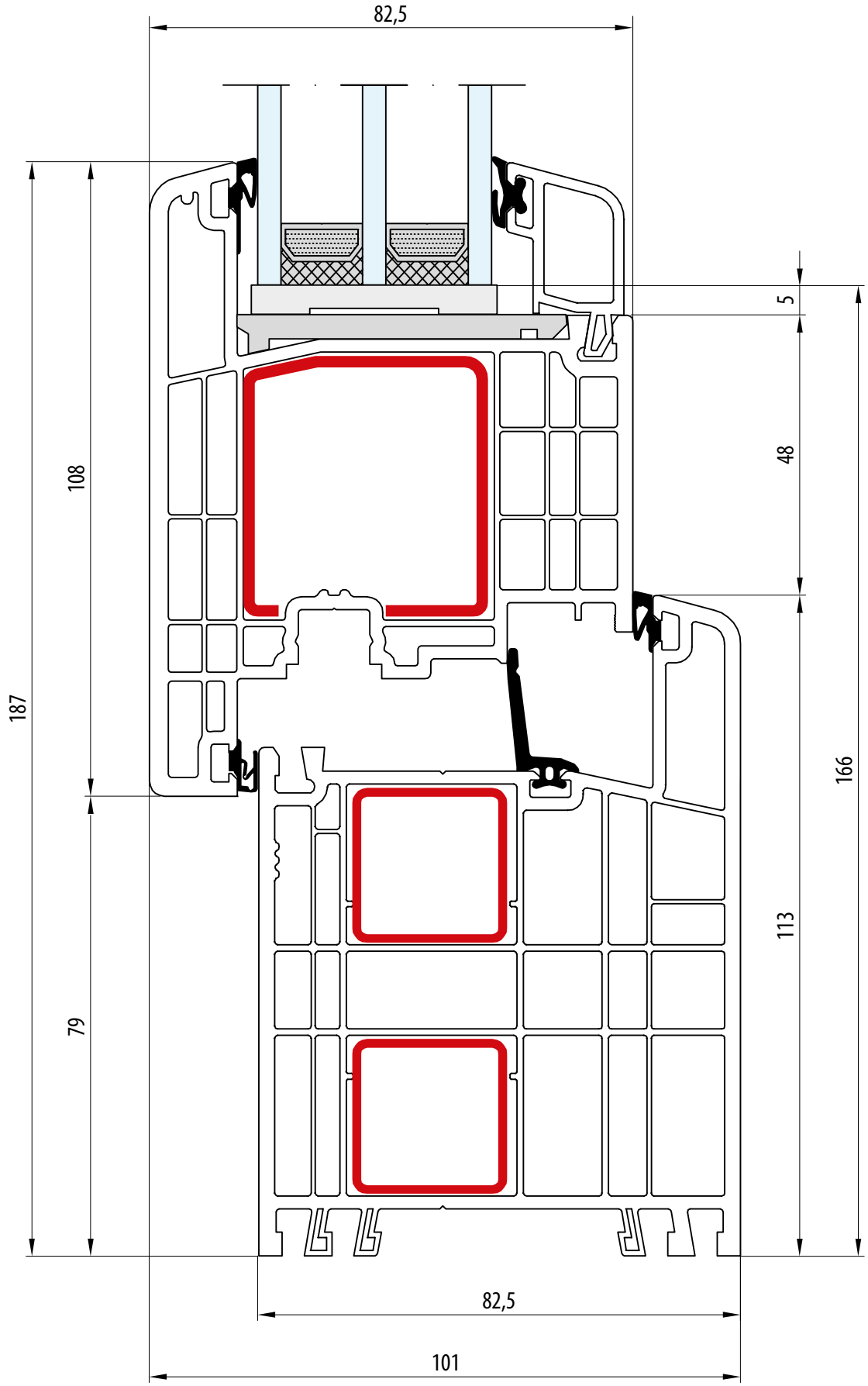
- Rama: 113 mm · Skrzydło: 108 mm
- Dormant: 113 mm · Vantail: 108 mm
- Frame: 113 mm · Sash: 108 mm
- Rahmen: 113 mm · Flügel: 108 mm
- Telaio: 113 mm · Anta: 108 mm
- Kozijn: 113 mm · Vleugel: 108 mm



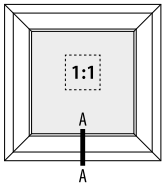


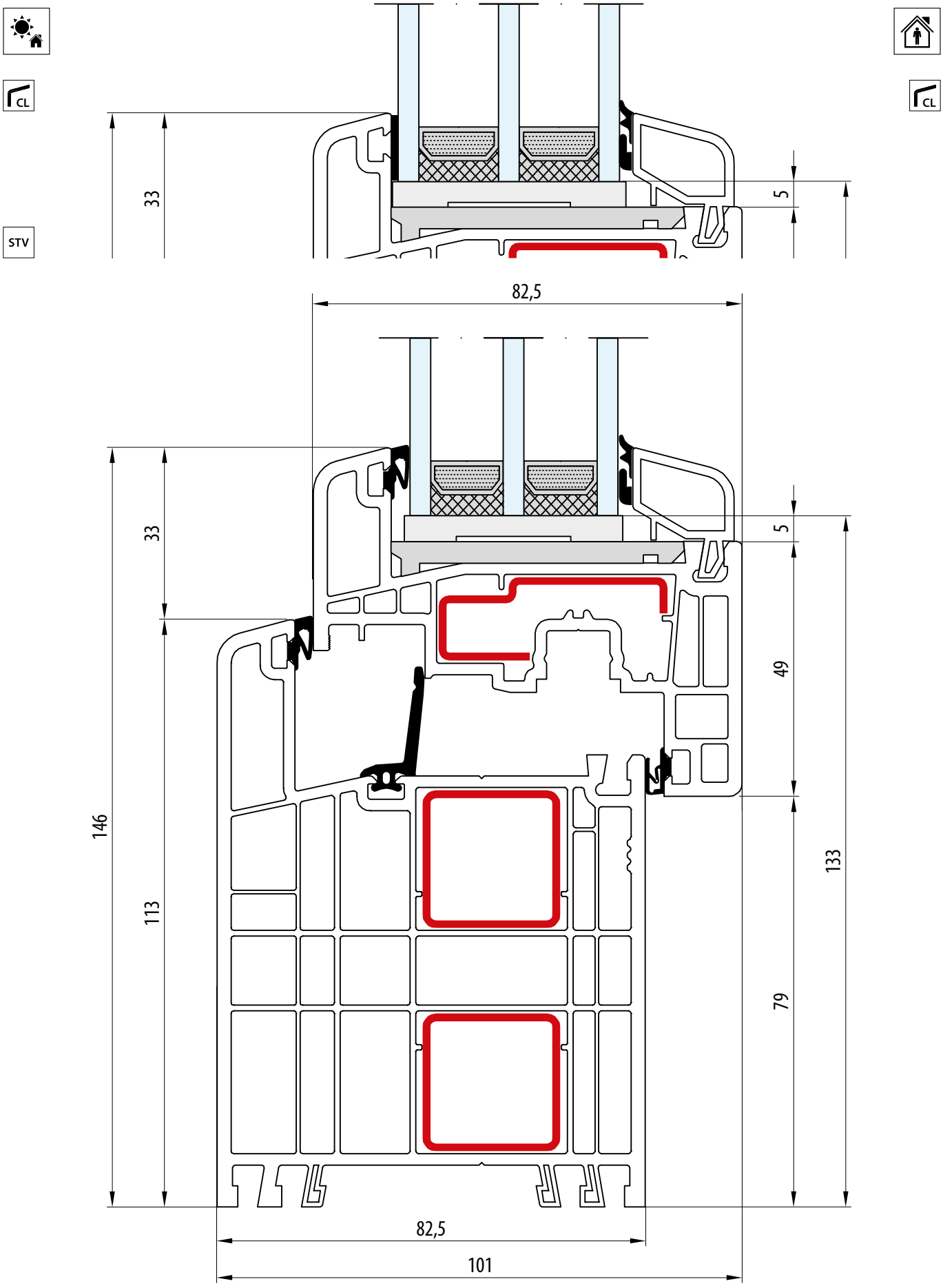
- Rama: 113 mm · Skrzydło: 120 mm
- Dormant: 113 mm · Vantail: 120 mm
- Frame: 113 mm · Sash: 120 mm
- Rahmen: 113 mm · Flügel: 120 mm
- Telaio: 113 mm · Anta: 120 mm
- Kozijn: 113 mm · Vleugel: 120 mm



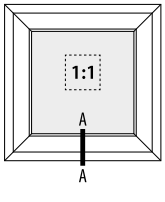


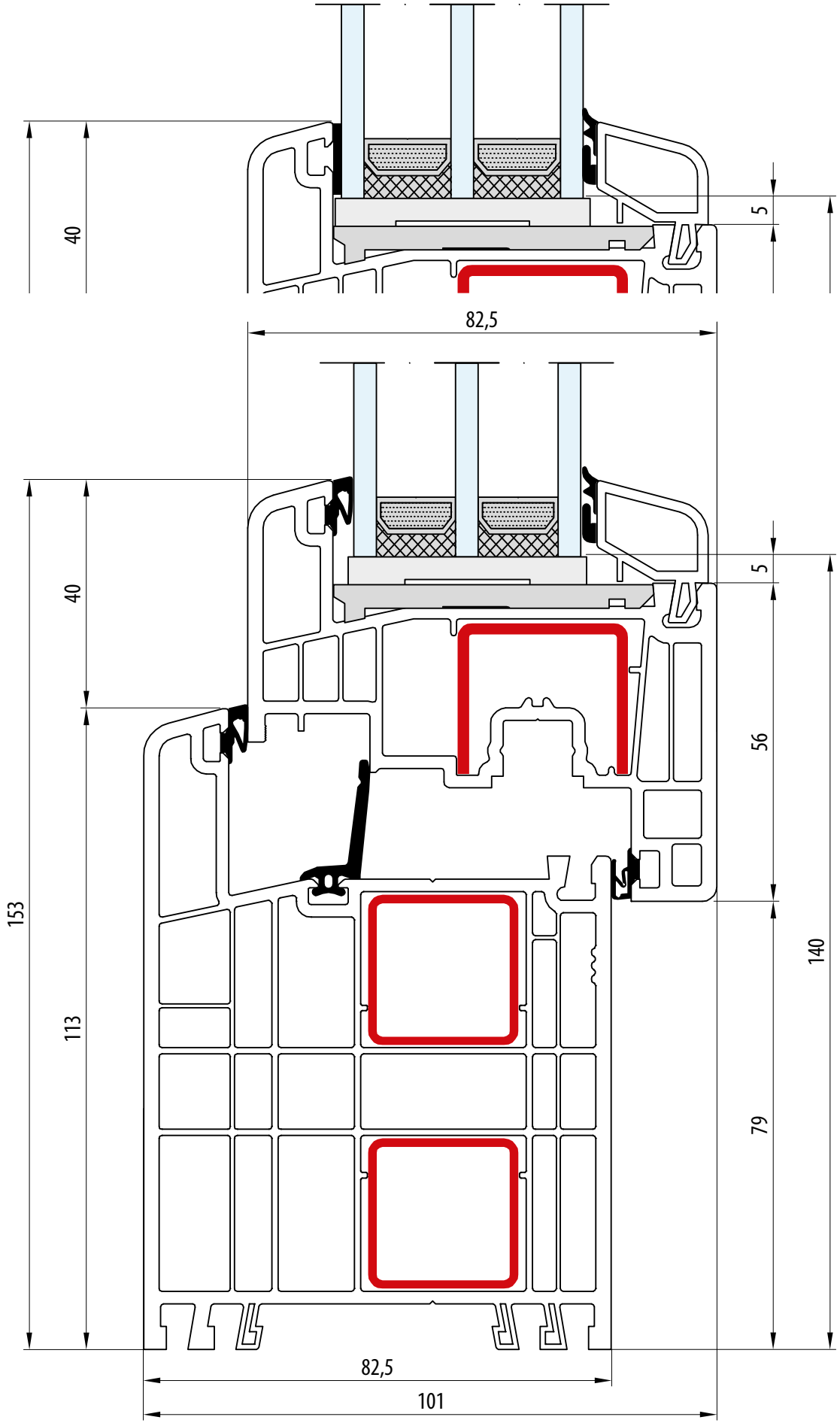
- Rama: 113 mm · Skrzydło: 108 mm
- Dormant: 113 mm · Vantail: 108 mm
- Frame: 113 mm · Sash: 108 mm
- Rahmen: 113 mm · Flügel: 108 mm
- Telaio: 113 mm · Anta: 108 mm
- Kozijn: 113 mm · Vleugel: 108 mm



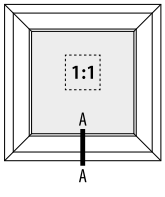


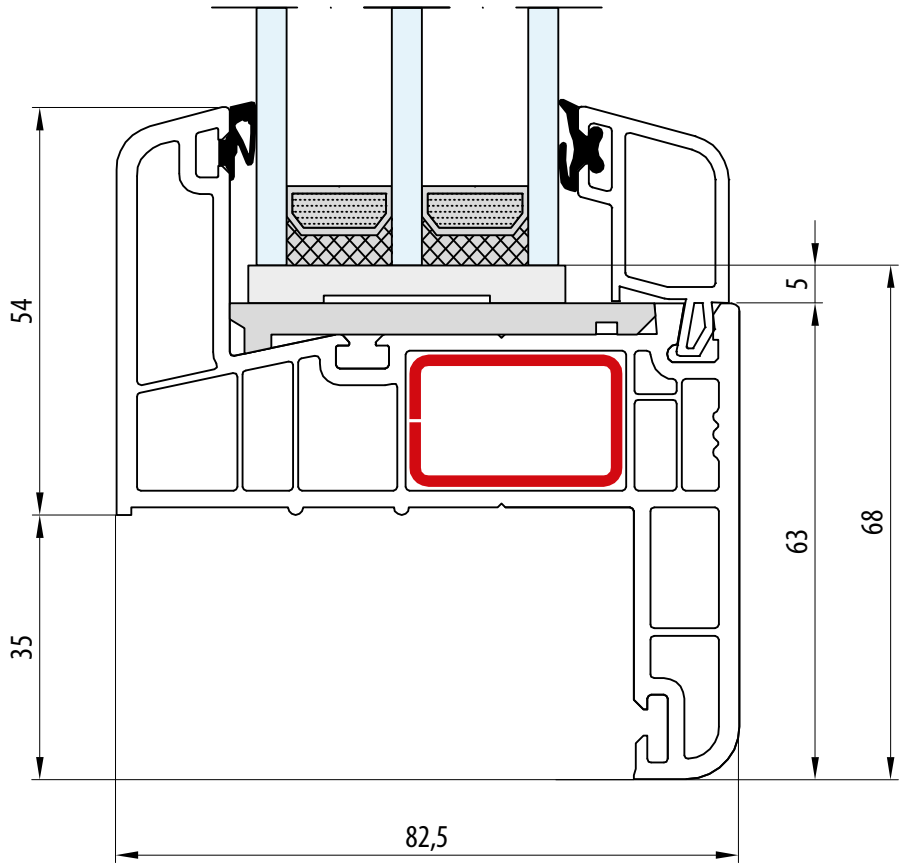
- Rama: 113 mm · Skrzydło: 67 mm
- Dormant: 113 mm · Vantail: 67 mm
- Frame: 113 mm · Sash: 67 mm
- Rahmen: 113 mm · Flügel: 67 mm
- Telaio: 113 mm · Anta: 67 mm
- Kozijn: 113 mm · Vleugel: 67 mm



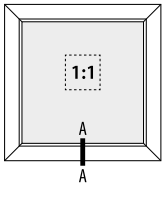


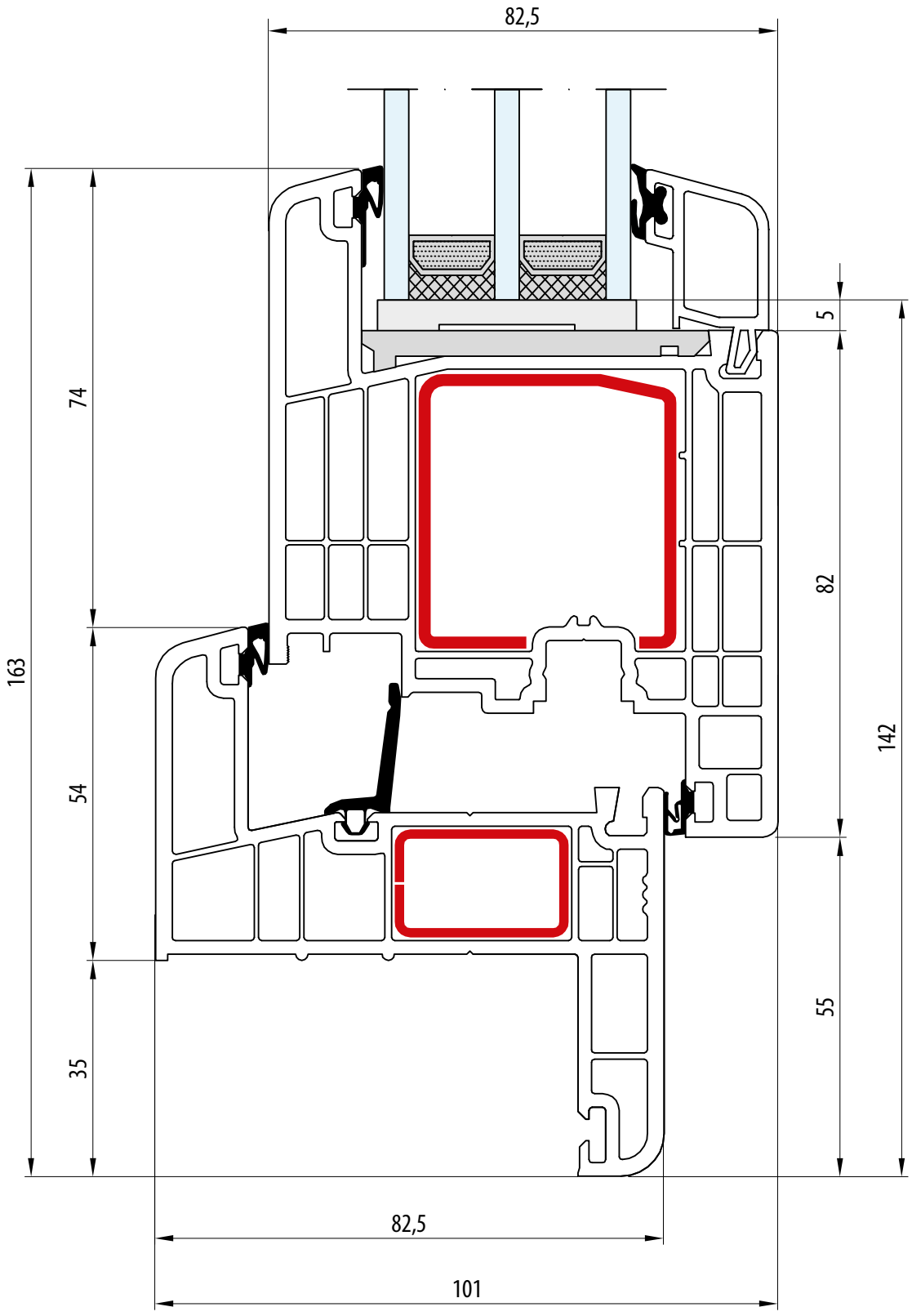
Rama: 113 mm · Skrzydło: 74 mm
Dormant: 113 mm · Vantail: 74 mm
Frame: 113 mm · Sash: 74 mm
Rahmen: 113 mm · Flügel: 74 mm
Telaio: 113 mm · Anta: 74 mm
Kozijn: 113 mm · Vleugel: 74 mm



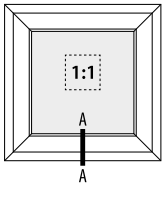


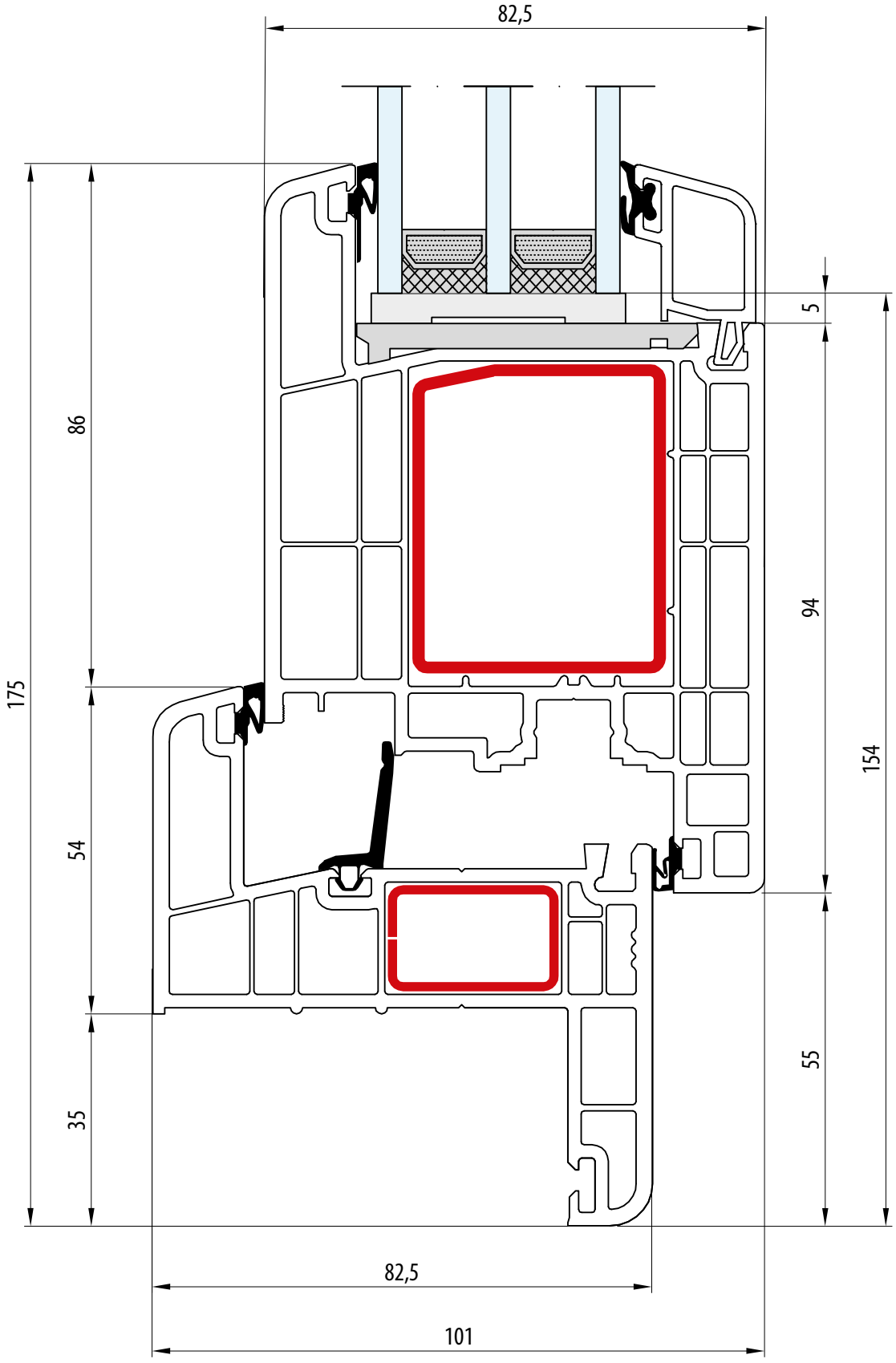
RENOWACJA - Płetwa: 35 mm · Rama: 54 mm
RÉNOVATION - Lip: 35 mm · Dormant: 54 mm
RENOVATION - Strip: 35 mm · Frame: 54 mm
RENOVIERUNG - Flosse: 35 mm · Rahmen: 54 mm
RINNOVAZIONE - Aletta da: 35 mm · Telaio: 54 mm
RENOVATIE - Vin: 35 mm · Kozijn: 54 mm



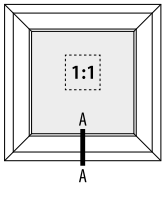


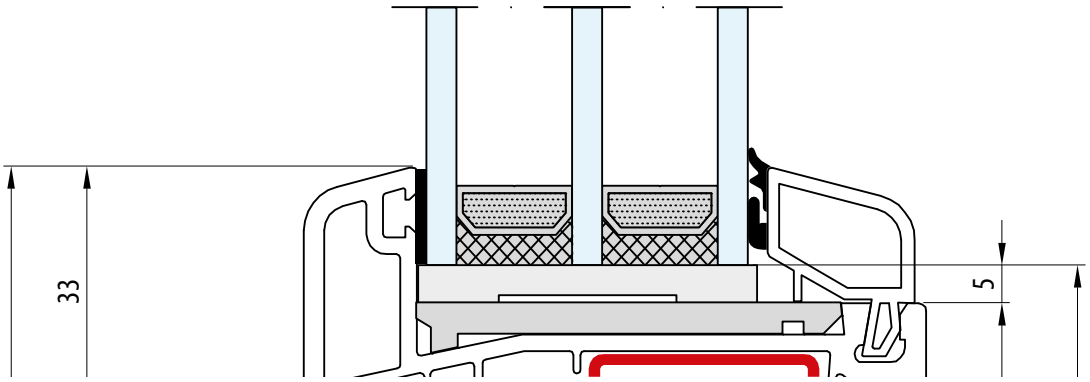
RENOWACJA - Płetwa: 35 mm · Rama: 54 mm · Skrzydło: 108 mm
RÉNOVATION - Lip: 35 mm · Dormant: 54 mm · Vantail: 108 mm
RENOVATION - Strip: 35 mm · Frame: 54 mm · Sash: 108 mm
RENOVIERUNG - Flosse: 35 mm · Rahmen: 54 mm · Flügel: 108 mm
RINNOVAZIONE - Aletta da: 35 mm · Telaio: 54 mm · Anta: 108 mm
RENOVATIE - Vin: 35 mm · Kozijn: 54 mm · Vleugel: 108 mm

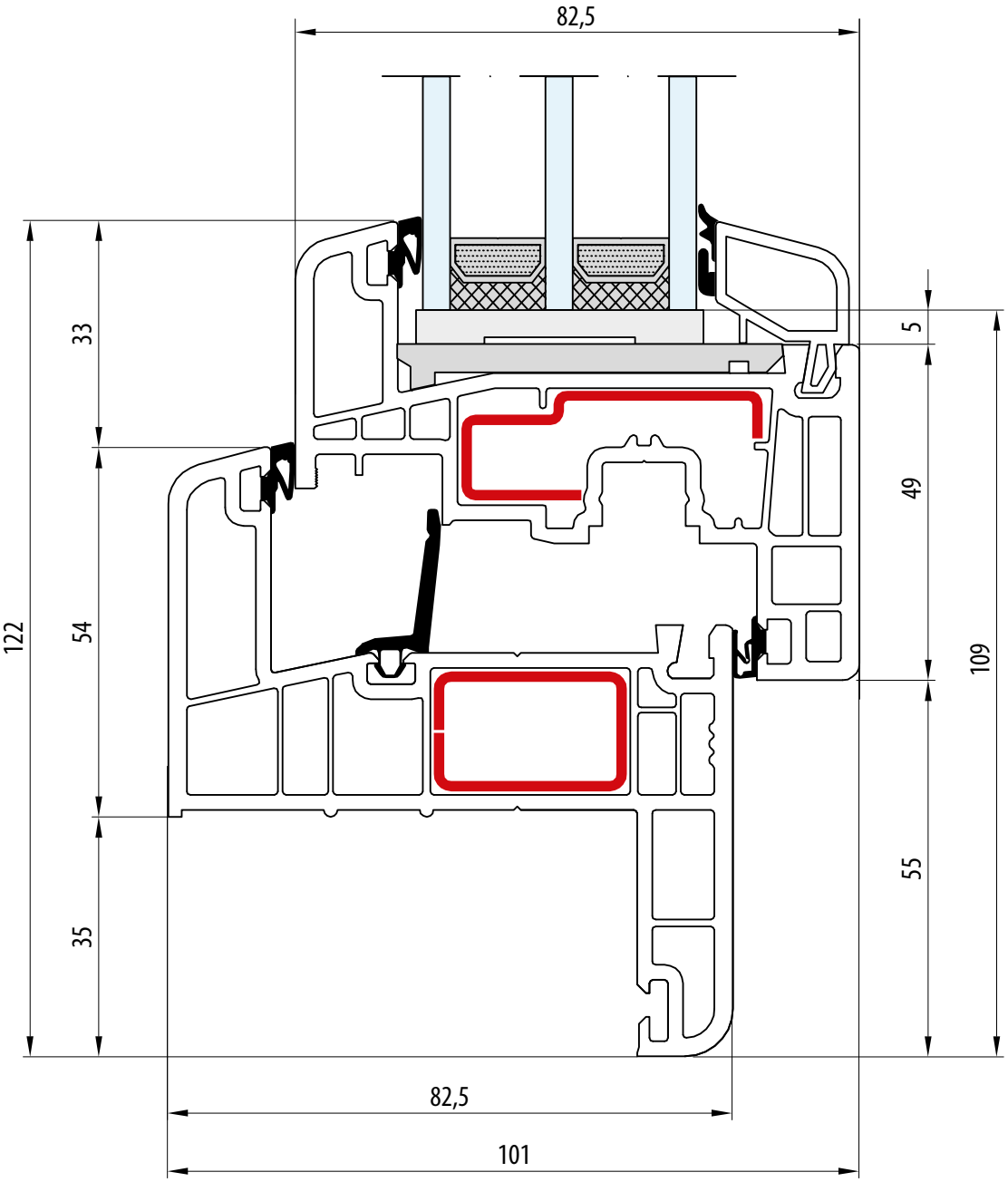




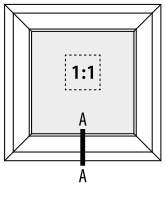
RENOWACJA - Płetwa: 35 mm · Rama: 54 mm · Skrzydło: 120 mm
RÉNOVATION - Lip: 35 mm · Dormant: 54 mm · Vantail: 120 mm
RENOVATION - Strip: 35 mm · Frame: 54 mm · Sash: 120 mm
RENOVIERUNG - Flosse: 35 mm · Rahmen: 54 mm · Flügel: 120 mm
RINNOVAZIONE - Aletta da: 35 mm · Telaio: 54 mm · Anta: 120 mm
RENOVATIE - Vin: 35 mm · Kozijn: 54 mm · Vleugel: 120 mm

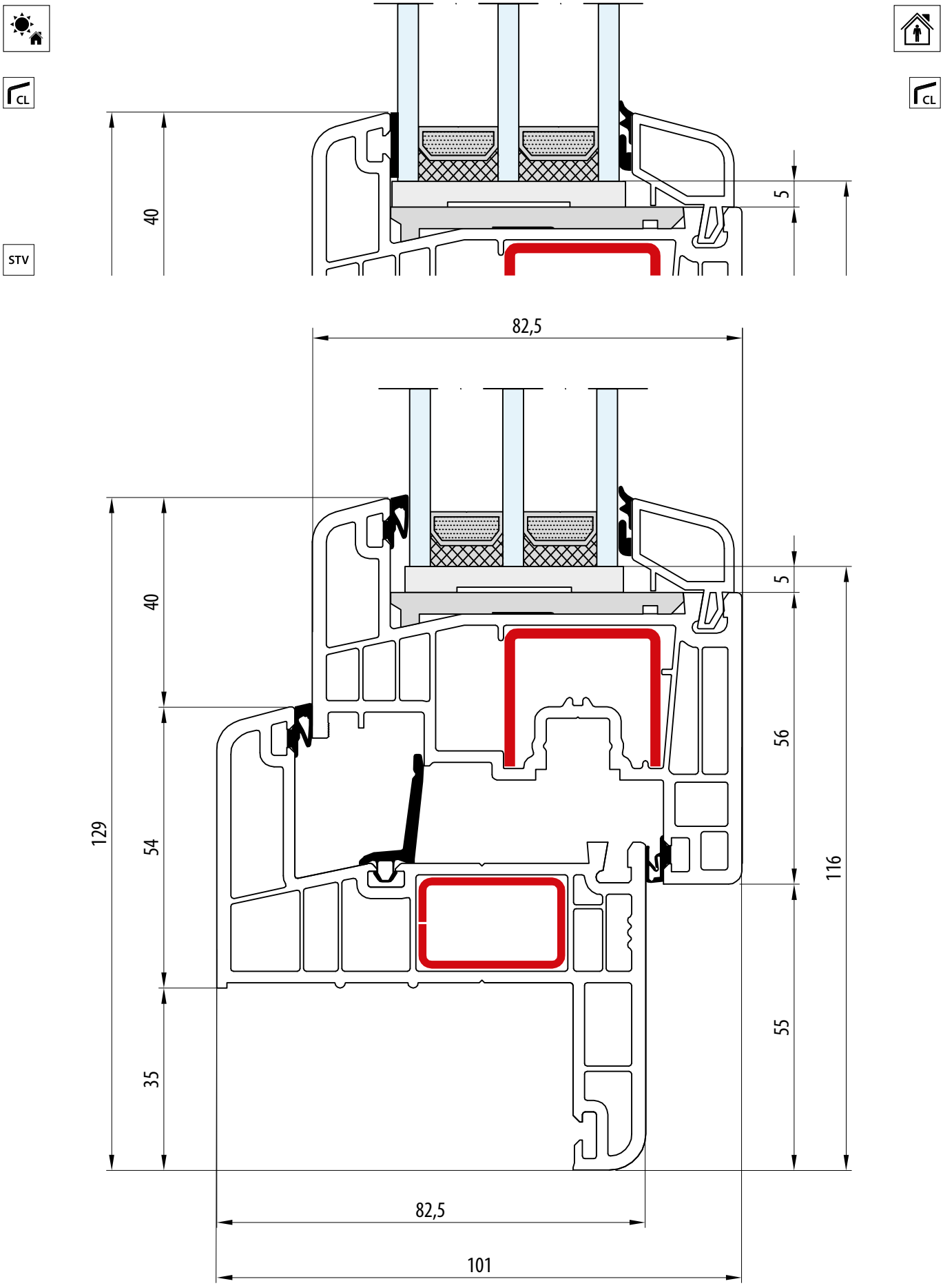




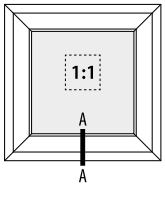


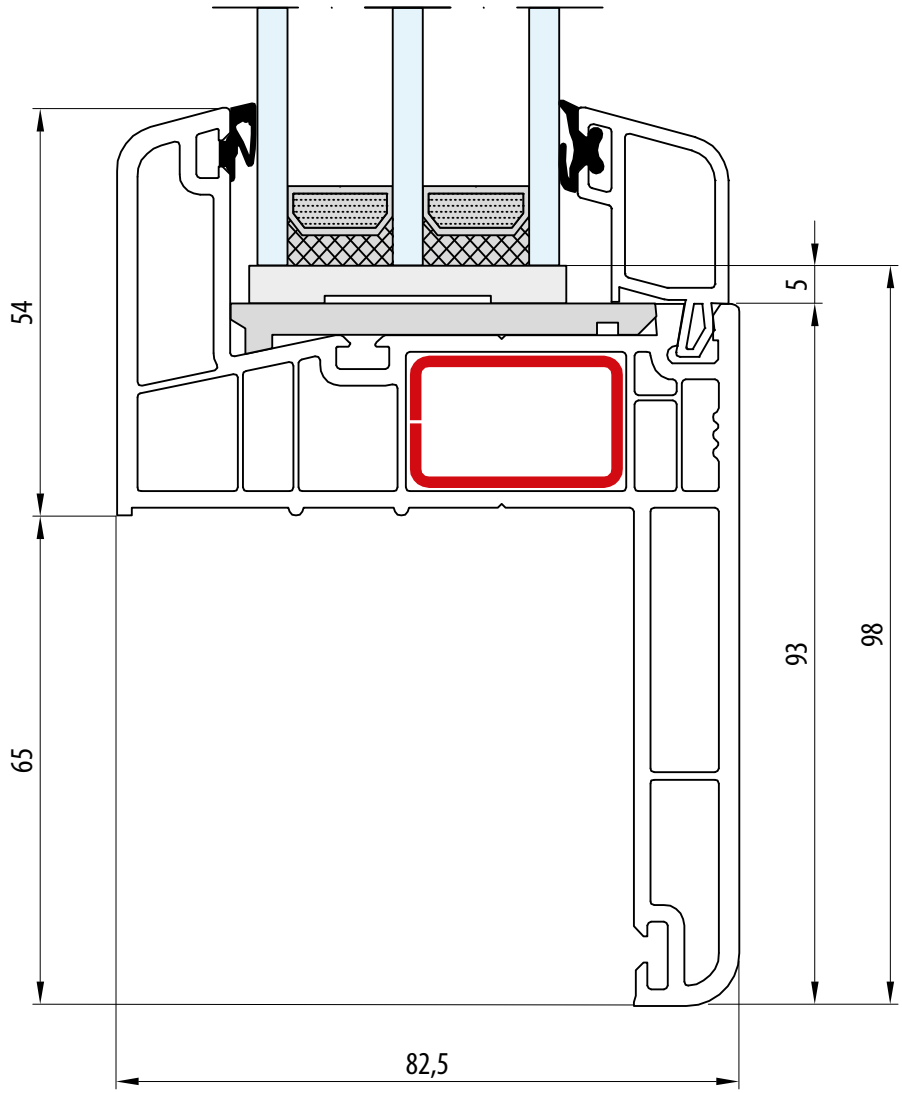
- RENOWACJA - Płetwa: 35 mm · Rama: 54 mm · Skrzydło: 67 mm
- RÉNOVATION - Lip: 35 mm · Dormant: 54 mm · Vantail: 67 mm
- RENOVATION - Strip: 35 mm · Frame: 54 mm · Sash: 67 mm
- RENOVIERUNG - Flosse: 35 mm · Rahmen: 54 mm · Flügel: 67 mm
- RINNOVAZIONE - Aletta da: 35 mm · Telaio: 54 mm · Anta: 67 mm
- RENOVATIE - Vin: 35 mm · Kozijn: 54 mm · Vleugel: 67 mm



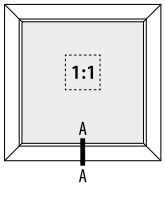


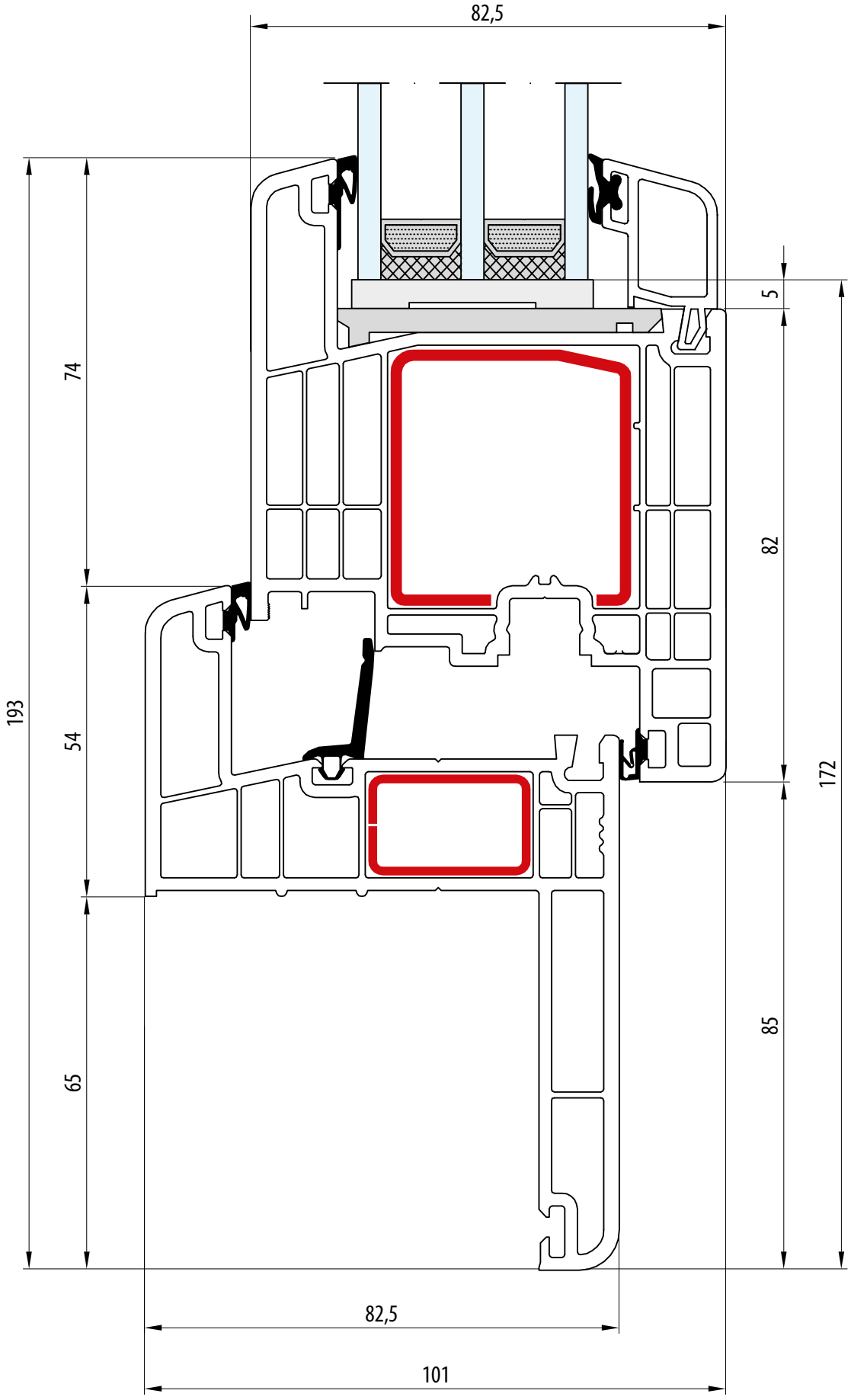
RENOWACJA - Płetwa: 35 mm · Rama: 54 mm · Skrzydło: 74 mm
RÉNOVATION - Lip: 35 mm · Dormant: 54 mm · Vantail: 74 mm
RENOVATION - Strip: 35 mm · Frame: 54 mm · Sash: 74 mm
RENOVIERUNG - Flosse: 35 mm · Rahmen: 54 mm · Flügel: 74 mm
RINNOVAZIONE - Aletta da: 35 mm · Telaio: 54 mm · Anta: 74 mm
RENOVATIE - Vin: 35 mm · Kozijn: 54 mm · Vleugel: 74 mm



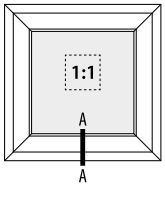


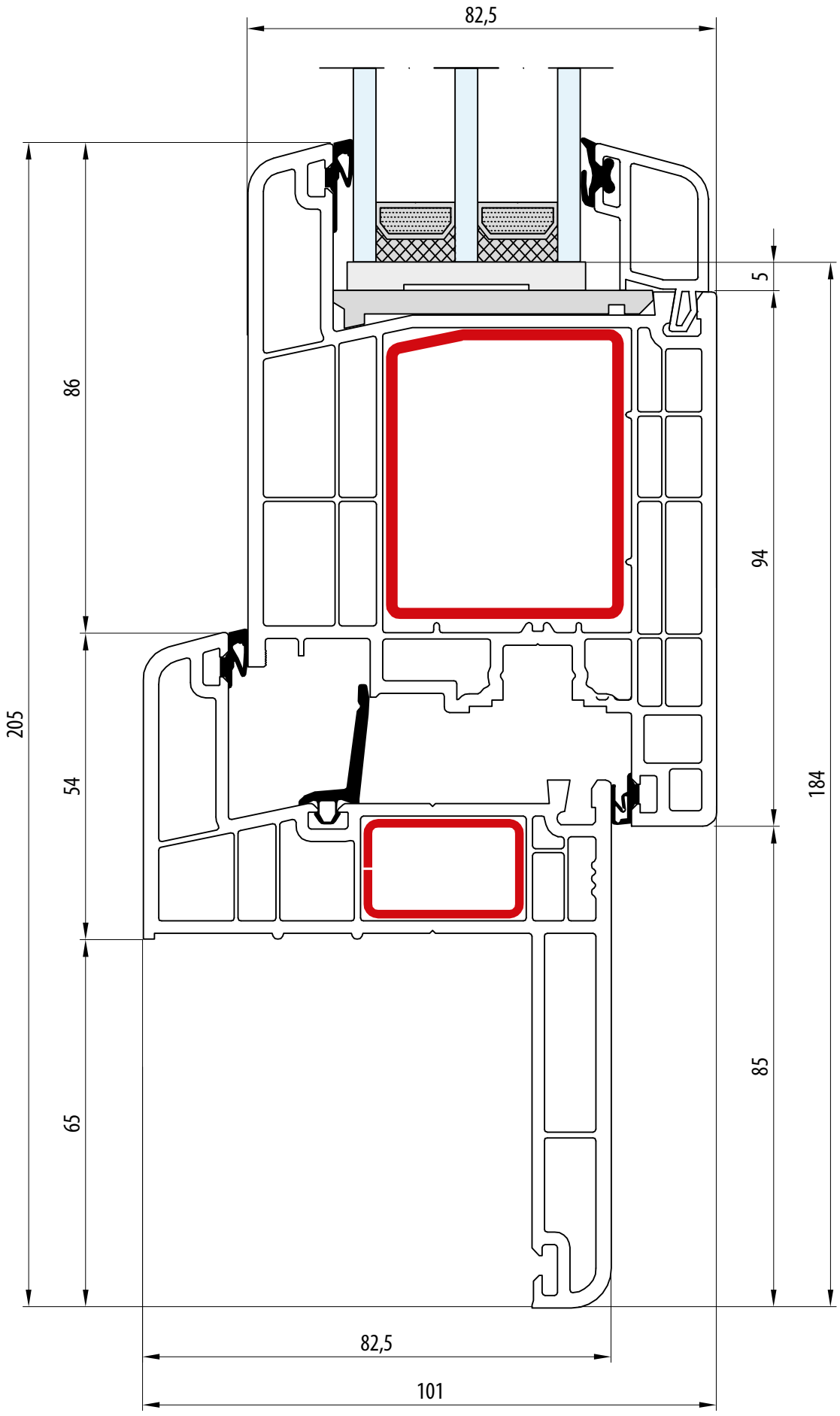
RENOWACJA - Płetwa: 65 mm · Rama: 54 mm
RÉNOVATION - Lip: 65 mm · Dormant: 54 mm
RENOVATION - Strip: 65 mm · Frame: 54 mm
RENOVIERUNG - Flosse: 65 mm · Rahmen: 54 mm
RINNOVAZIONE - Aletta da: 65 mm · Telaio: 54 mm
RENOVATIE - Vin: 65 mm · Kozijn: 54 mm



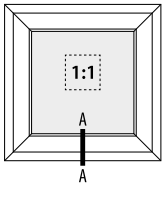


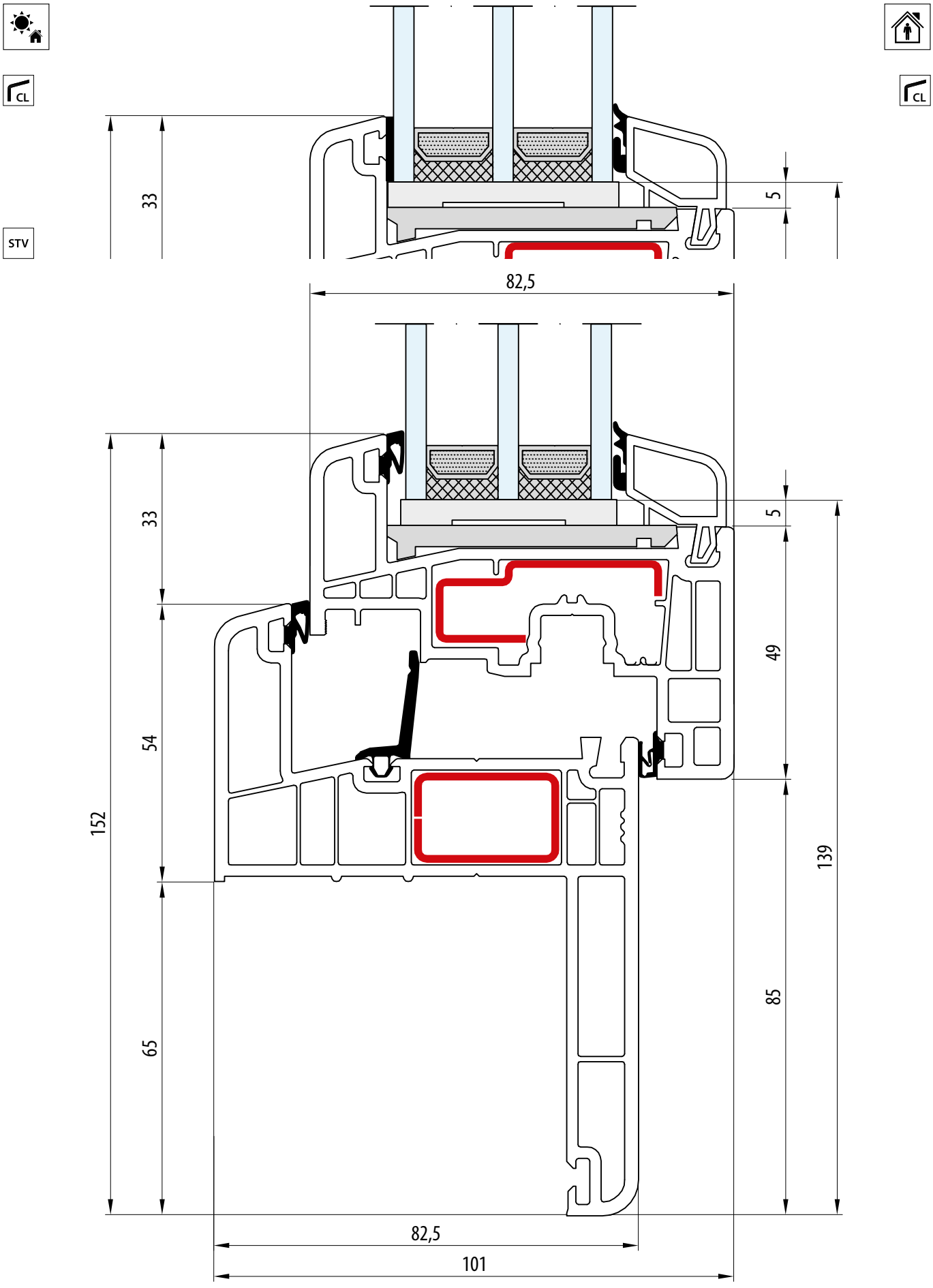
RENOWACJA - Płetwa: 65 mm · Rama: 54 mm · Skrzydło: 108 mm
RÉNOVATION - Lip: 65 mm · Dormant: 54 mm · Vantail: 108 mm
RENOVATION - Strip: 65 mm · Frame: 54 mm · Sash: 108 mm
RENOVIERUNG - Flosse: 65 mm · Rahmen: 54 mm · Flügel: 108 mm
RINNOVAZIONE - Aletta da: 65 mm · Telaio: 54 mm · Anta: 108 mm
RENOVATIE - Vin: 65 mm · Kozijn: 54 mm · Vleugel: 108 mm



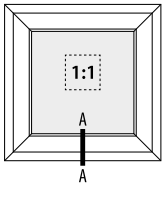


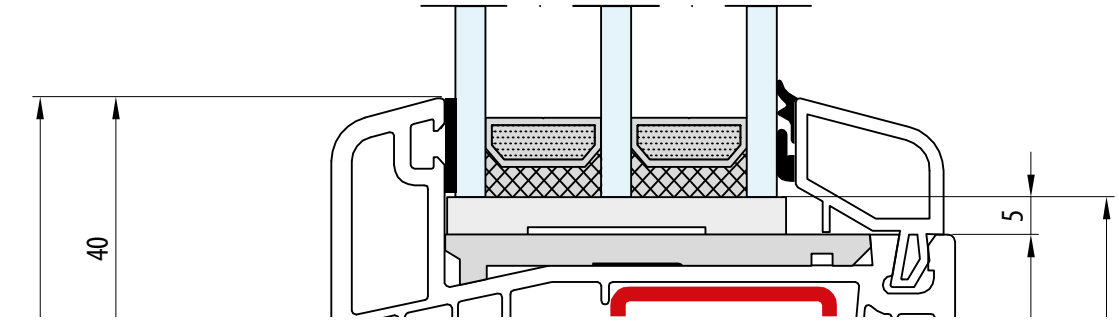
RENOWACJA - Płetwa: 65 mm · Rama: 54 mm · Skrzydło: 120 mm
RÉNOVATION - Lip: 65 mm · Dormant: 54 mm · Vantail: 120 mm
RENOVATION - Strip: 65 mm · Frame: 54 mm · Sash: 120 mm
RENOVIERUNG - Flosse: 65 mm · Rahmen: 54 mm · Flügel: 120 mm
RINNOVAZIONE - Aletta da: 65 mm · Telaio: 54 mm · Anta: 120 mm
RENOVATIE - Vin: 65 mm · Kozijn: 54 mm · Vleugel: 120 mm

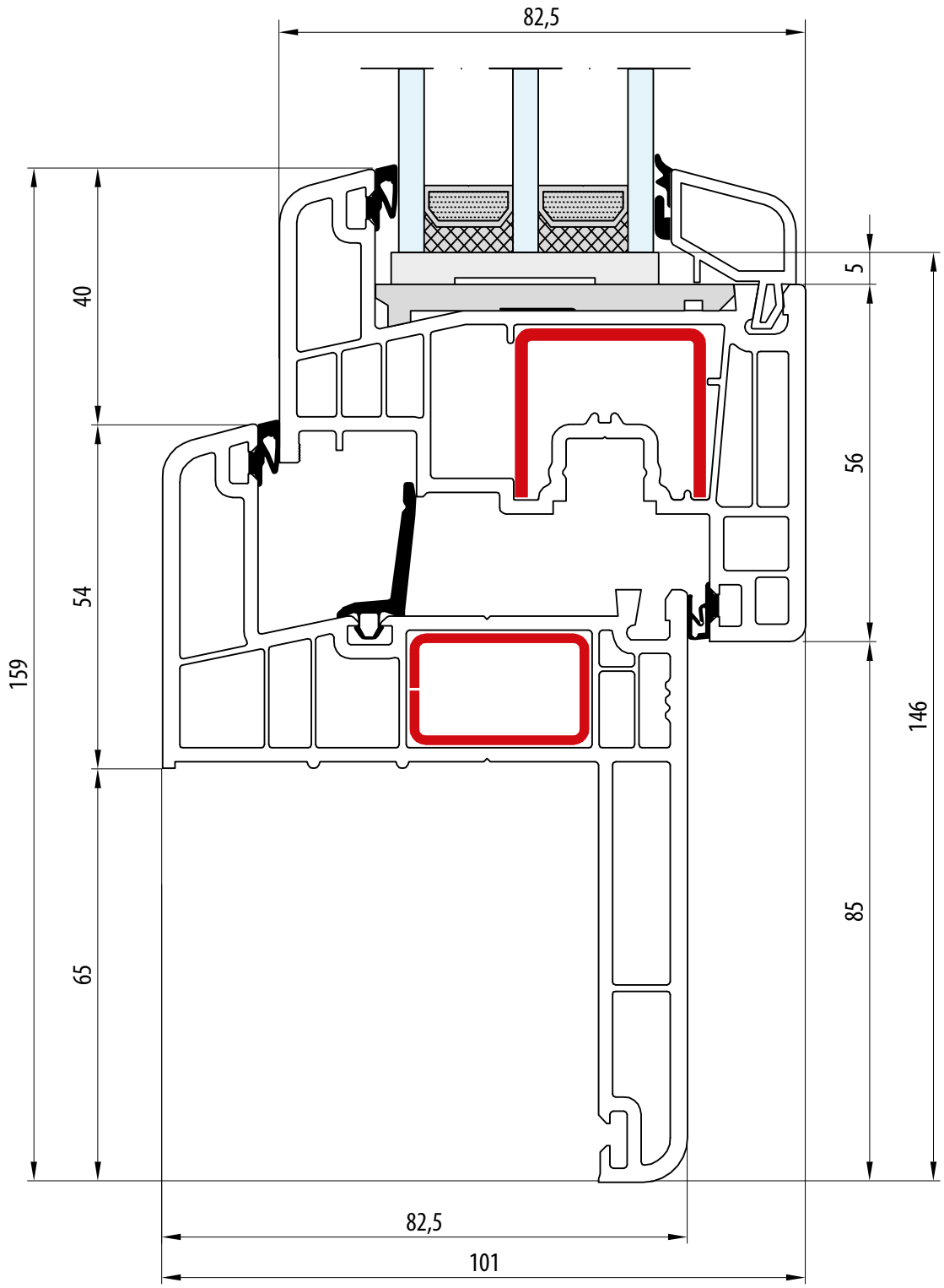




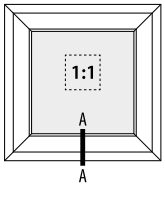
- RENOWACJA - Płetwa: 65 mm · Rama: 54 mm · Skrzydło: 67 mm
- RÉNOVATION - Lip: 65 mm · Dormant: 54 mm · Vantail: 67 mm
- RENOVATION - Strip: 65 mm · Frame: 54 mm · Sash: 67 mm
- RENOVIERUNG - Flosse: 65 mm · Rahmen: 54 mm · Flügel: 67 mm
- RINNOVAZIONE - Aletta da: 65 mm · Telaio: 54 mm · Anta: 67 mm
- RENOVATIE - Vin: 65 mm · Kozijn: 54 mm · Vleugel: 67 mm

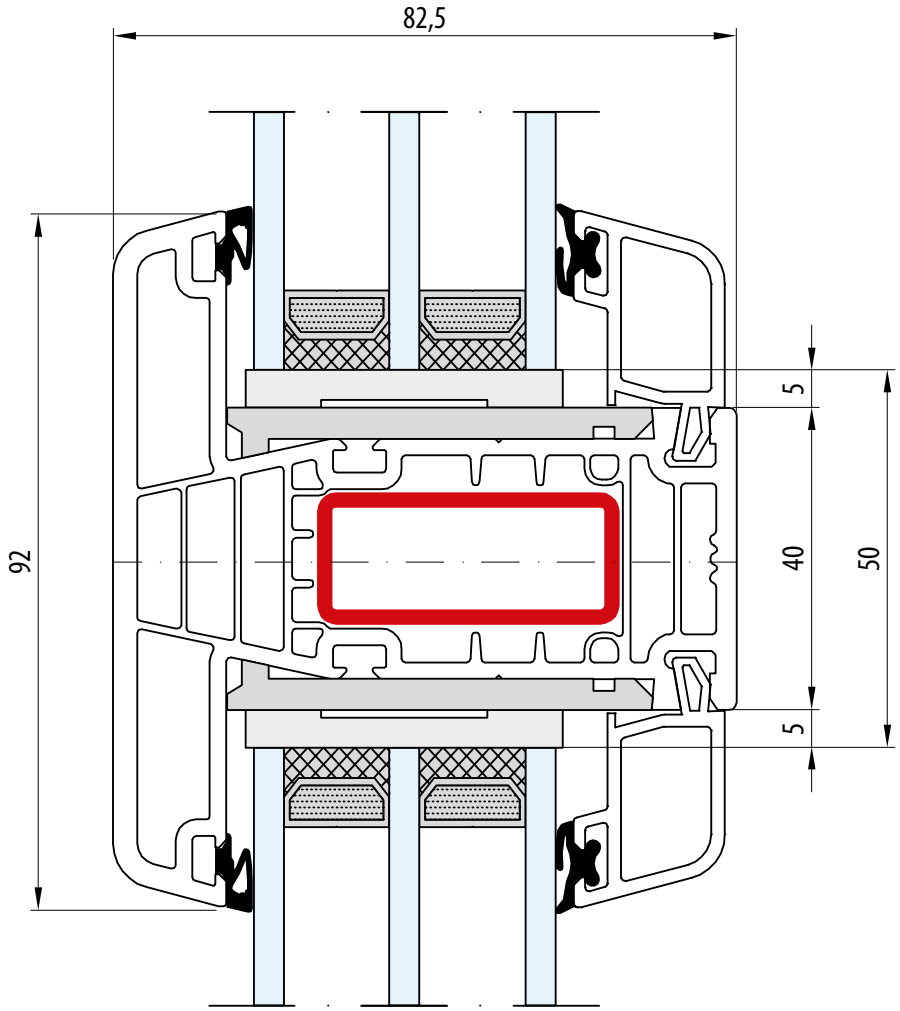




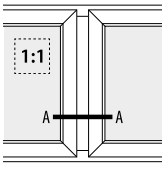


- RENOWACJA - Płetwa: 65 mm · Rama: 54 mm · Skrzydło: 74 mm
- RÉNOVATION - Lip: 65 mm · Dormant: 54 mm · Vantail: 74 mm
- RENOVATION - Strip: 65 mm · Frame: 54 mm · Sash: 74 mm
- RENOVIERUNG - Flosse: 65 mm · Rahmen: 54 mm · Flügel: 74 mm
- RINNOVAZIONE - Aletta da: 65 mm · Telaio: 54 mm · Anta: 74 mm
- RENOVATIE - Vin: 65 mm · Kozijn: 54 mm · Vleugel: 74 mm





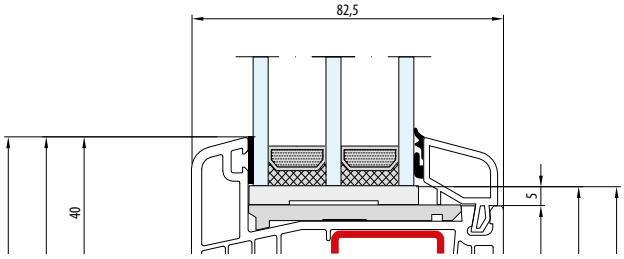
- Słupek stały: 92 mm
- Meneau fixe: 92 mm
- Fix post: 92 mm
- Festem Pfahl: 92 mm
- Montante fisso: 92 mm
- Vaste stijl: 92 mm

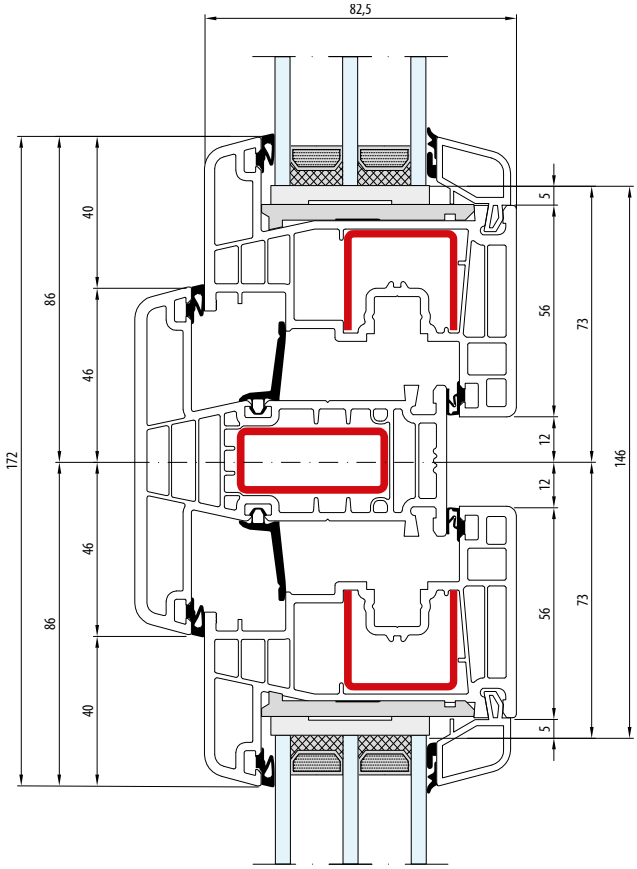


CL

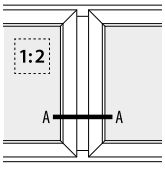
CL

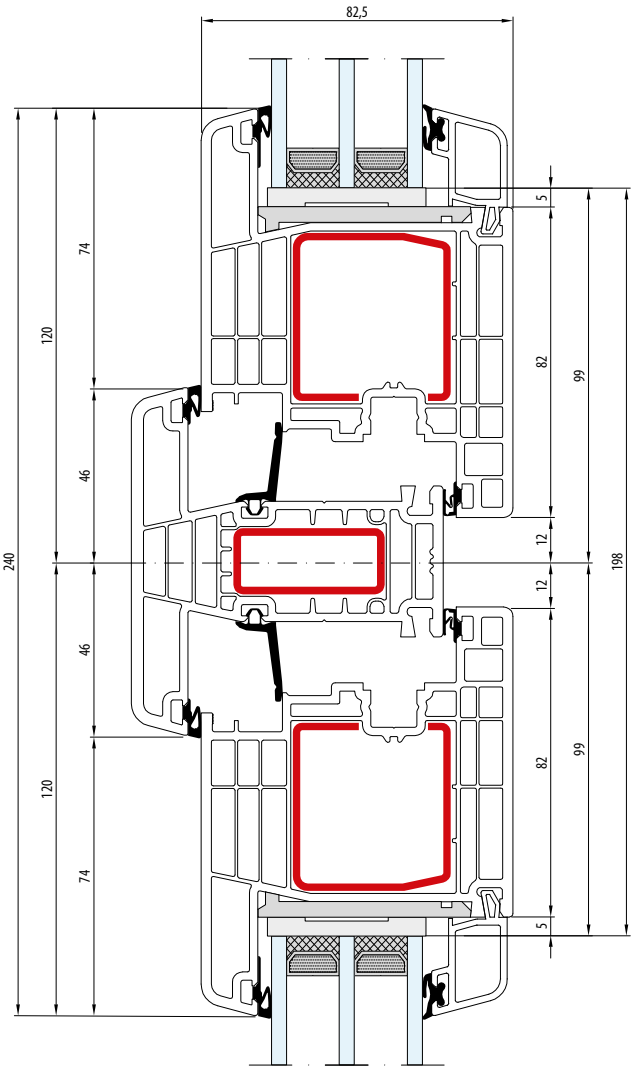
STV



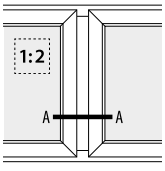


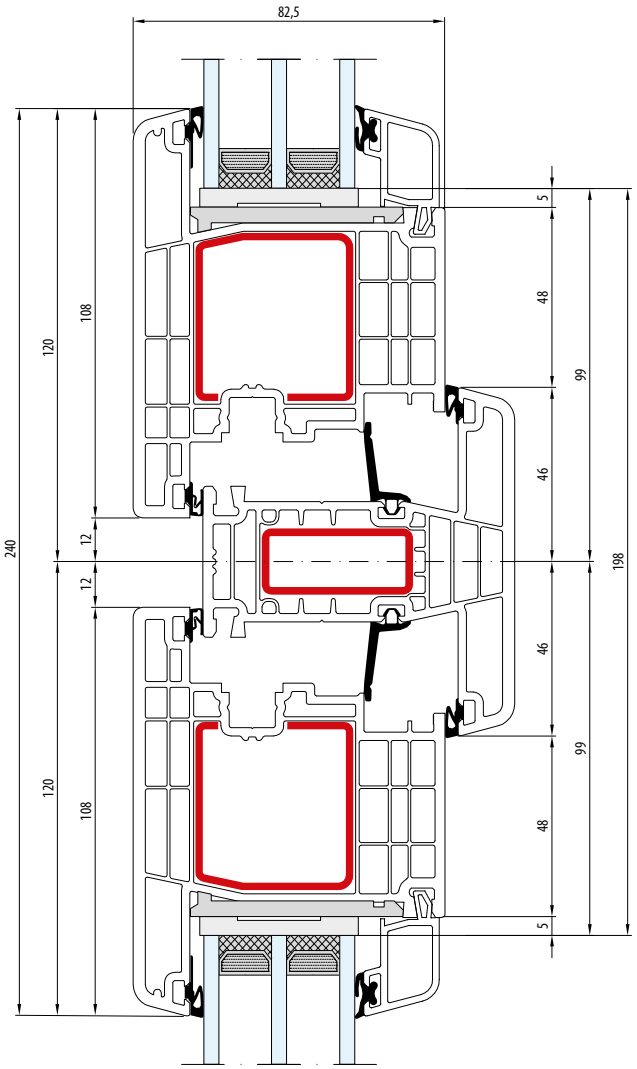
- Słupek stały: 92 mm · Skrzydło: 74 mm
- Meneau fixe: 92 mm · Vantail: 74 mm
- Fix post: 92 mm · Sash: 74 mm
- Festem Pfahl: 92 mm · Flügel: 74 mm
- Montante fisso: 92 mm · Anta: 74 mm
- Vaste stijl: 92 mm · Vleugel: 74 mm



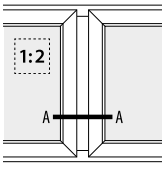


- Słupek stały: 92 mm · Skrzydło: 108 mm
- Meneau fixe: 92 mm · Vantail: 108 mm
- Fix post: 92 mm · Sash: 108 mm
- Festem Pfahl: 92 mm · Flügel: 108 mm
- Montante fisso: 92 mm · Anta: 108 mm
- Vaste stijl: 92 mm · Vleugel: 108 mm





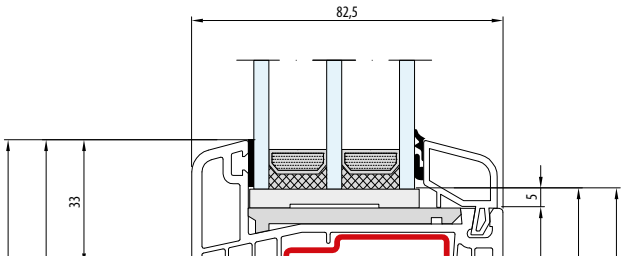
- Słupek stały: 92 mm · Skrzydło: 108 mm
- Meneau fixe: 92 mm · Vantail: 108 mm
- Fix post: 92 mm · Sash: 108 mm
- Festem Pfahl: 92 mm · Flügel: 108 mm
- Montante fisso: 92 mm · Anta: 108 mm
- Vaste stijl: 92 mm · Vleugel: 108 mm

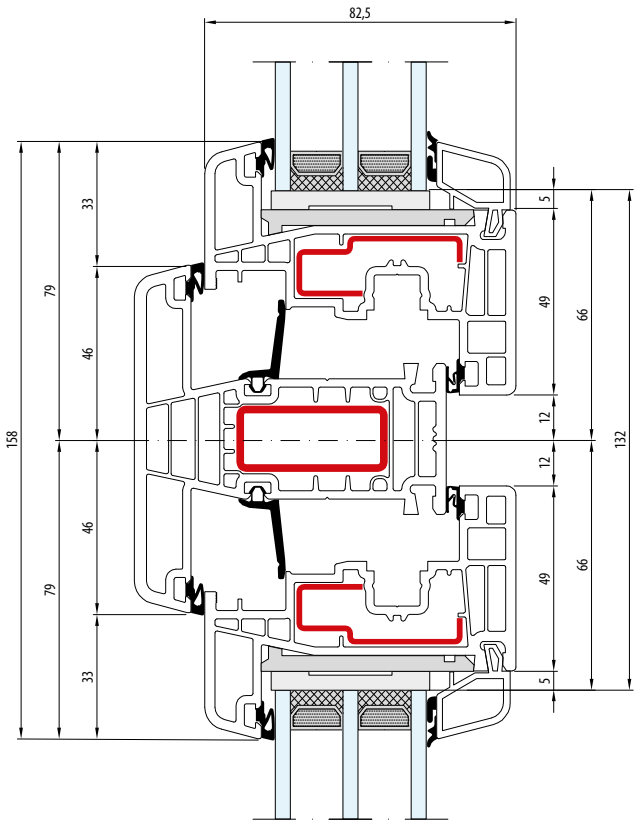


CL

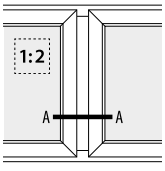
CL

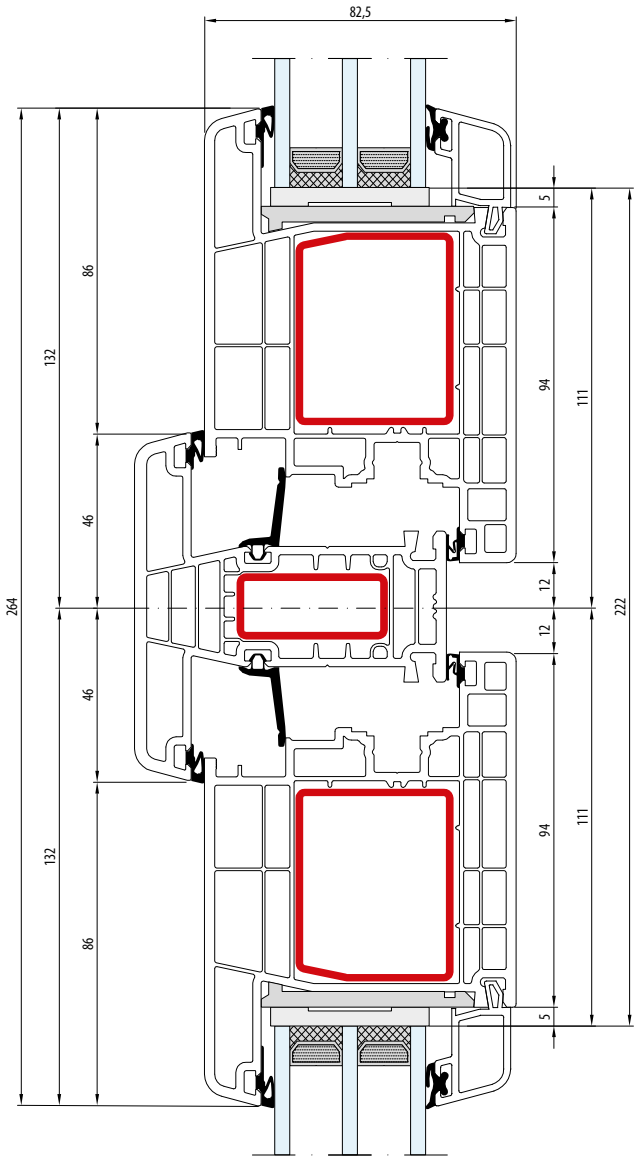
STV



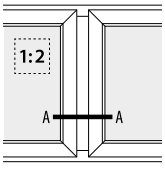


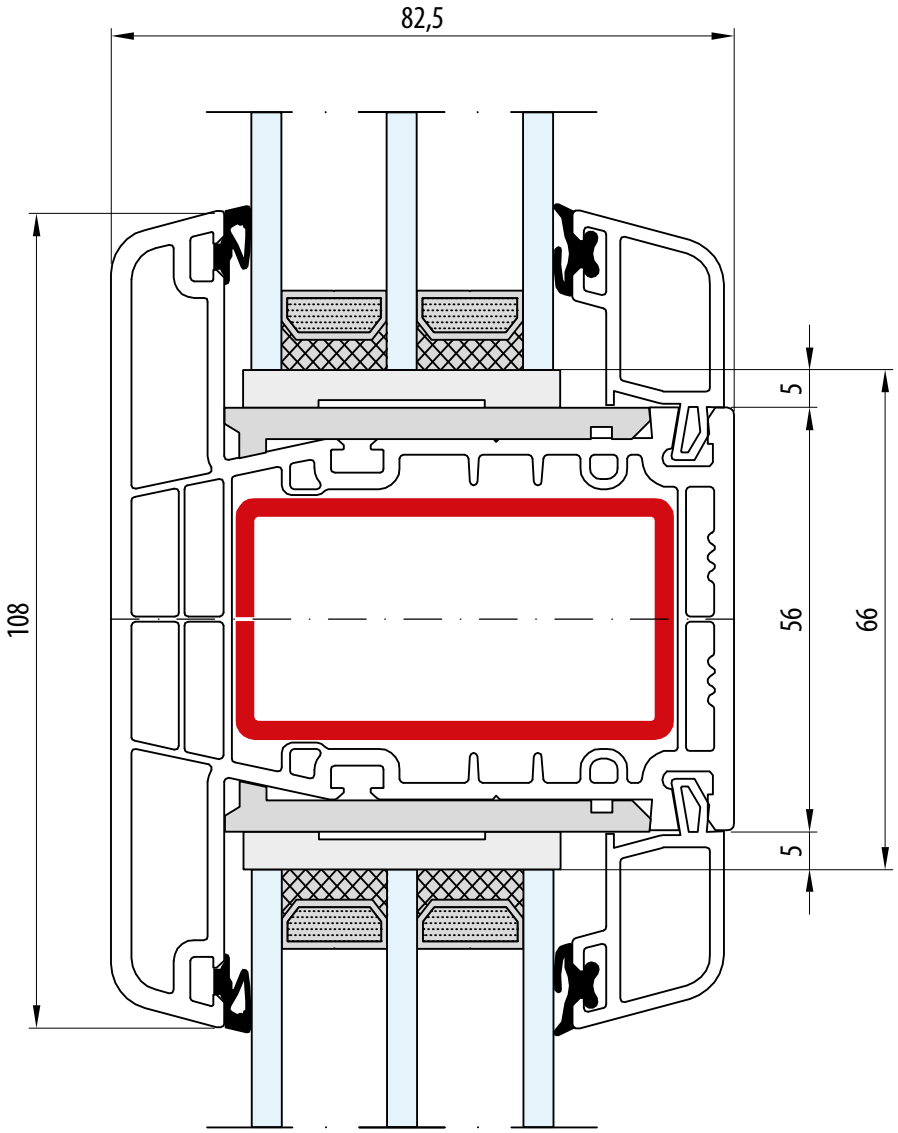
- Słupek stały: 108 mm · Skrzydło: 67 mm
- Meneau fixe: 108 mm · Vantail: 67 mm
- Fix post: 108 mm · Sash: 67 mm
- Festem Pfahl: 108 mm · Flügel: 67 mm
- Montante fisso: 108 mm · Anta: 67 mm
- Vaste stijl: 108 mm · Vleugel: 67 mm



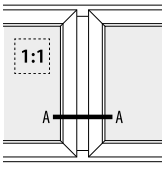


- Słupek stały: 92 mm · Skrzydło: 120 mm
- Meneau fixe: 92 mm · Vantail: 120 mm
- Fix post: 92 mm · Sash: 120 mm
- Festem Pfahl: 92 mm · Flügel: 120 mm
- Montante fisso: 92 mm · Anta: 120 mm
- Vaste stijl: 92 mm · Vleugel: 120 mm





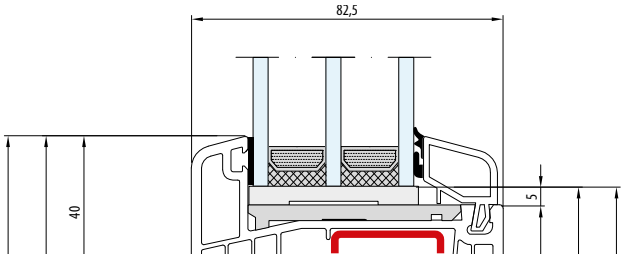
- Słupek stały: 108 mm
- Meneau fixe: 108 mm
- Fix post: 108 mm
- Festem Pfahl: 108 mm
- Montante fisso: 108 mm
- Vaste stijl: 108 mm

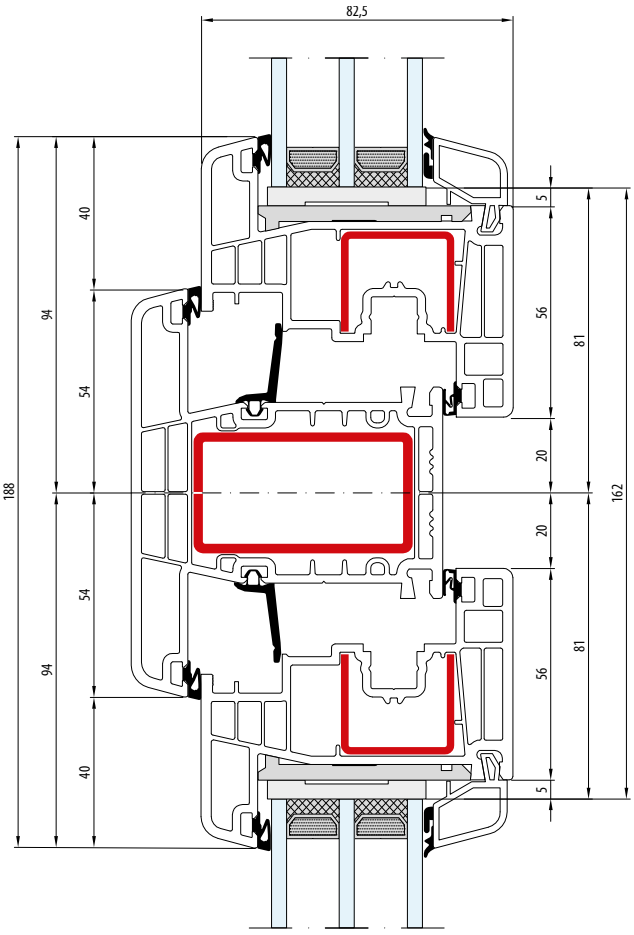


CL

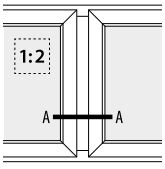
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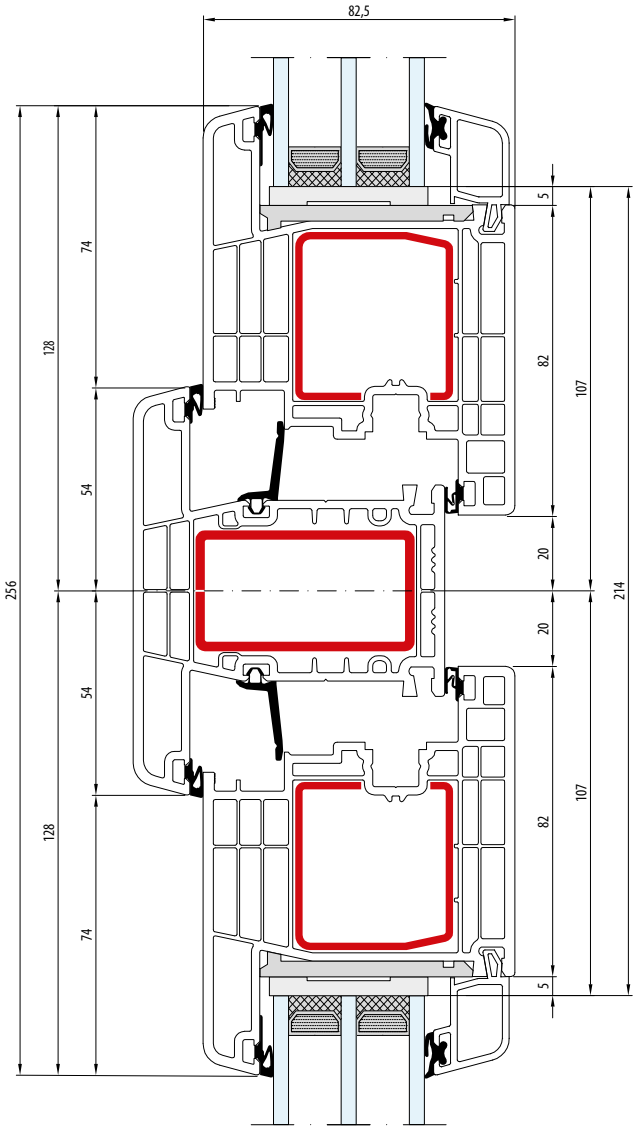
STV



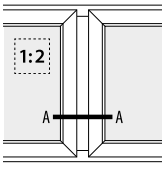


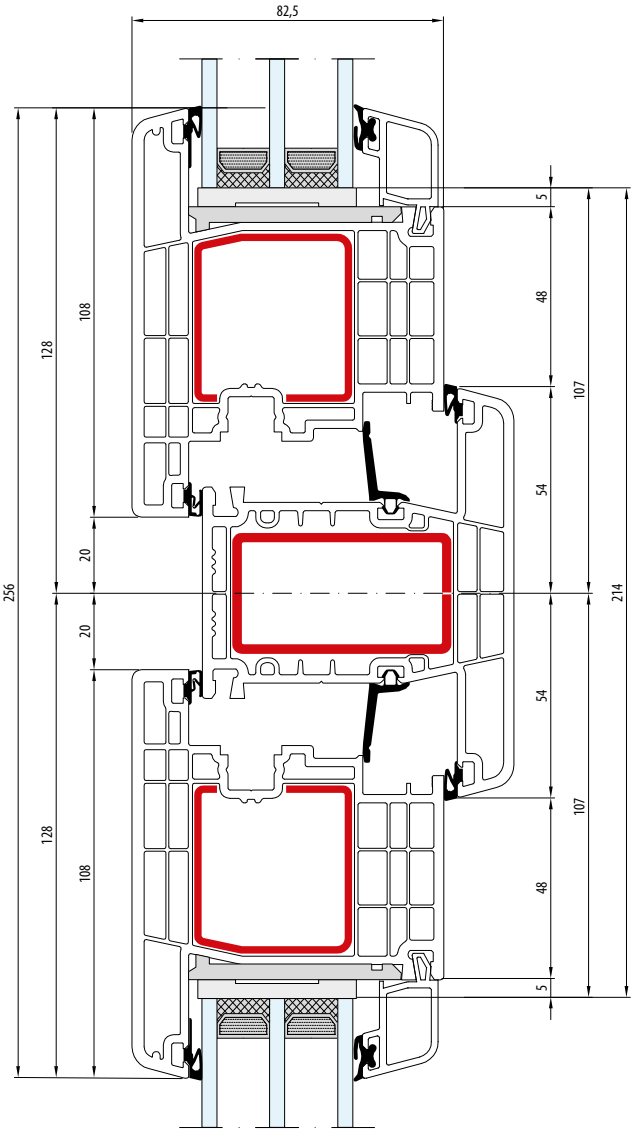
- Słupek stały: 108 mm · Skrzydło: 74 mm
- Meneau fixe: 108 mm · Vantail: 74 mm
- Fix post: 108 mm · Sash: 74 mm
- Festem Pfahl: 108 mm · Flügel: 74 mm
- Montante fisso: 108 mm · Anta: 74 mm
- Vaste stijl: 108 mm · Vleugel: 74 mm



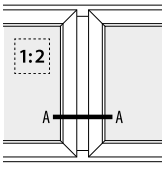


- Słupek stały: 108 mm · Skrzydło: 108 mm
- Meneau fixe: 108 mm · Vantail: 108 mm
- Fix post: 108 mm · Sash: 108 mm
- Festem Pfahl: 108 mm · Flügel: 108 mm
- Montante fisso: 108 mm · Anta: 108 mm
- Vaste stijl: 108 mm · Vleugel: 108 mm





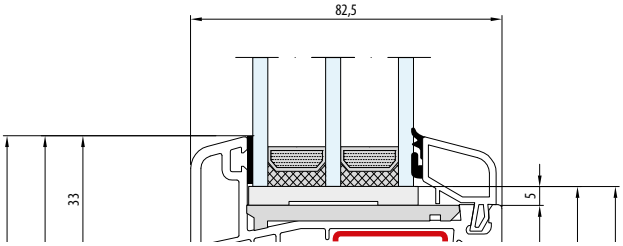
Słupek stały: 108 mm · Skrzydło: 108 mm
Meneau fixe: 108 mm · Vantail: 108 mm
Fix post: 108 mm · Sash: 108 mm
Festem Pfahl: 108 mm · Flügel: 108 mm
Montante fisso: 108 mm · Anta: 108 mm
Vaste stijl: 108 mm · Vleugel: 108 mm

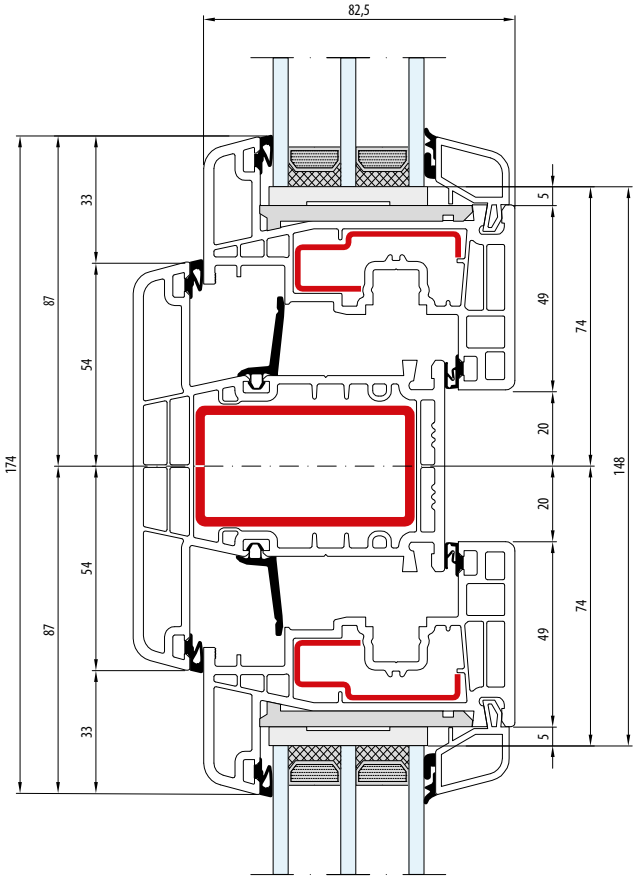


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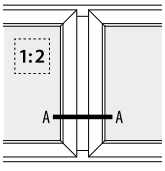
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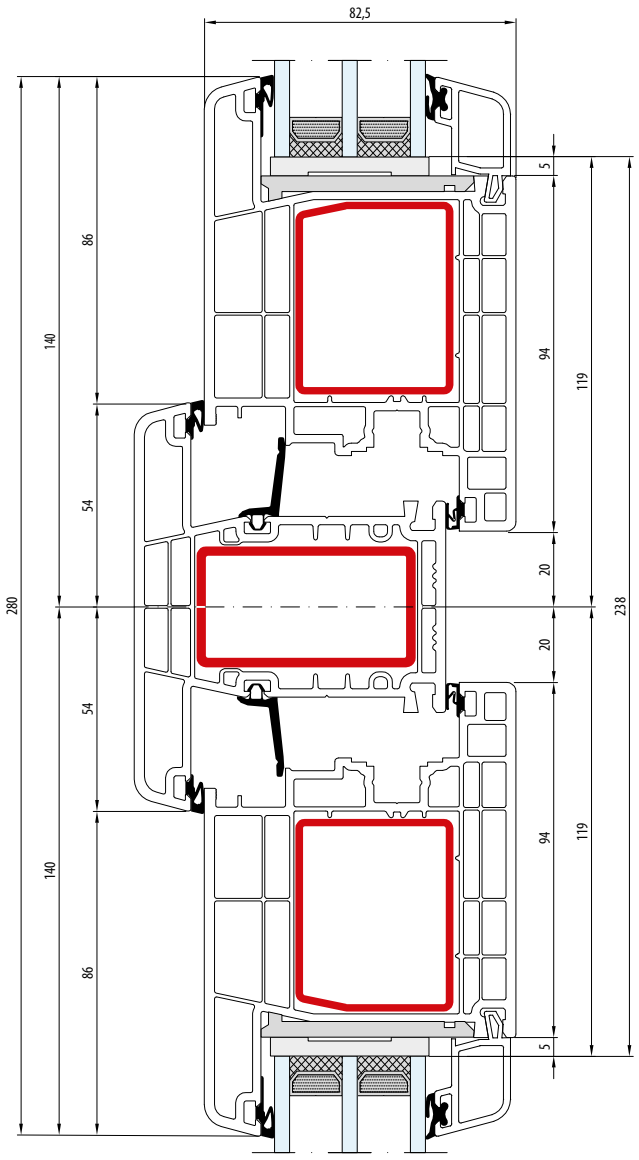
STV



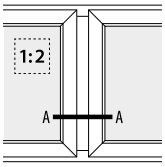


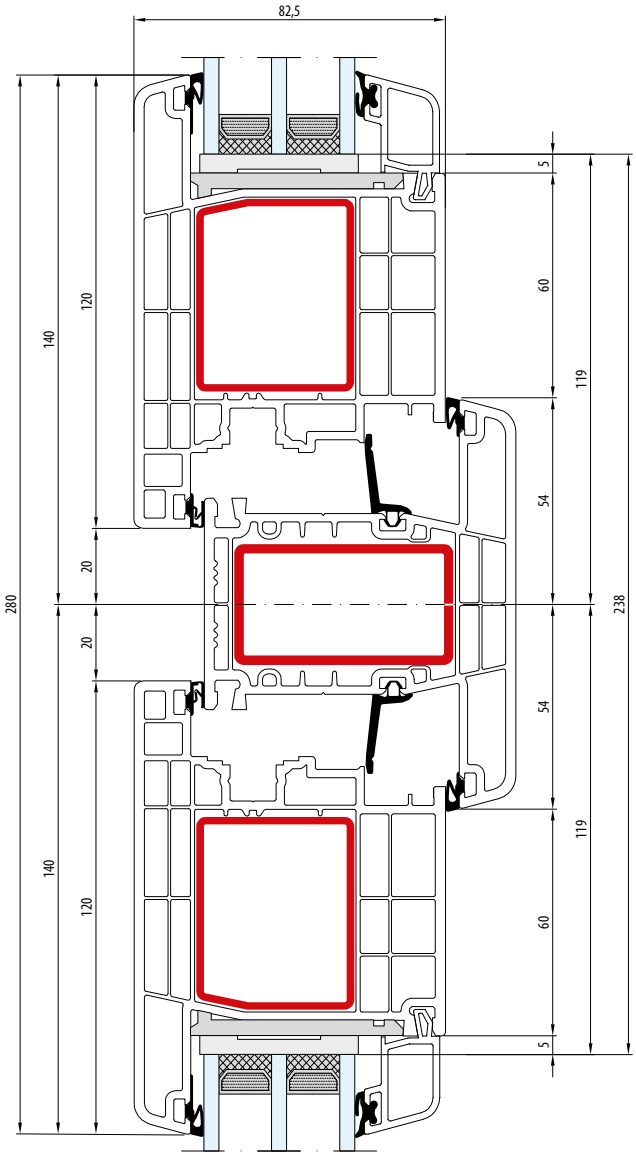
- Słupek stały: 108 mm · Skrzydło: 67 mm
- Meneau fixe: 108 mm · Vantail: 67 mm
- Fix post: 108 mm · Sash: 67 mm
- Festem Pfahl: 108 mm · Flügel: 67 mm
- Montante fisso: 108 mm · Anta: 67 mm
- Vaste stijl: 108 mm · Vleugel: 67 mm



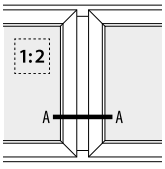


Słupek stały: 108 mm · Skrzydło: 120 mm
Meneau fixe: 108 mm · Vantail: 120 mm
Fix post: 108 mm · Sash: 120 mm
Festem Pfahl: 108 mm · Flügel: 120 mm
Montante fisso: 108 mm · Anta: 120 mm
Montante fisso: 108 mm · Vleugel: 120 mm





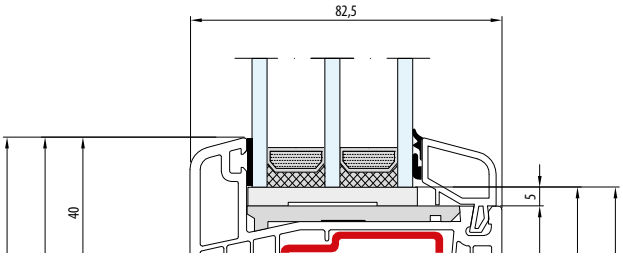
- Słupek stały: 108 mm · Skrzydło: 120 mm
- Meneau fixe: 108 mm · Vantail: 120 mm
- Fix post: 108 mm · Sash: 120 mm
- Festem Pfahl: 108 mm · Flügel: 120 mm
- Montante fisso: 108 mm · Anta: 120 mm
- Vaste stijl: 108 mm · Vleugel: 120 mm

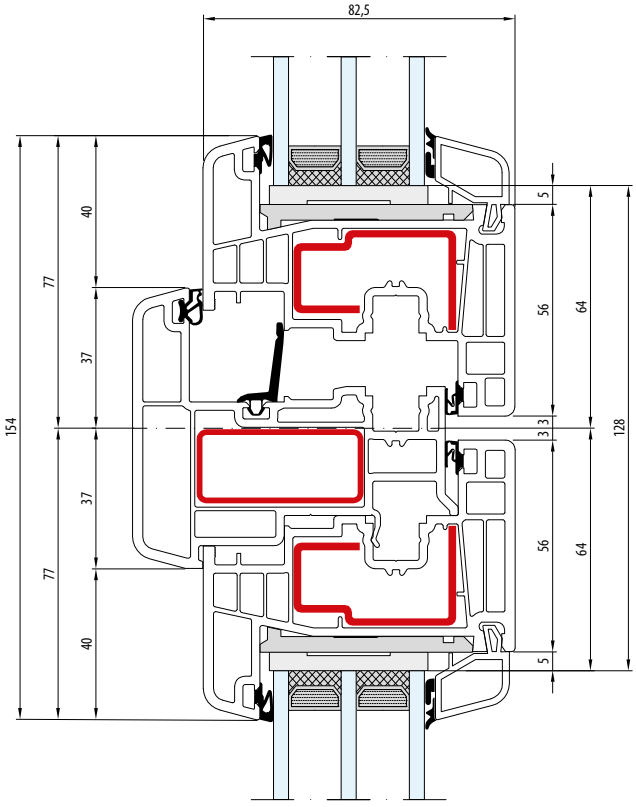


CL

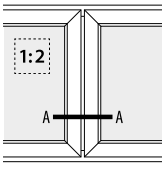
CL

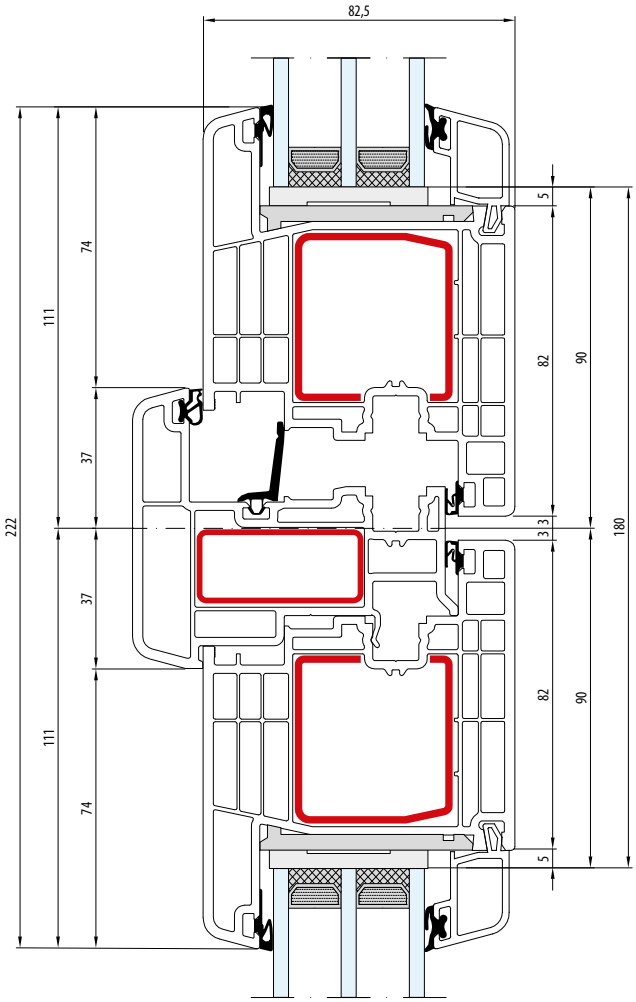
STV



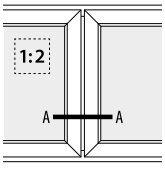


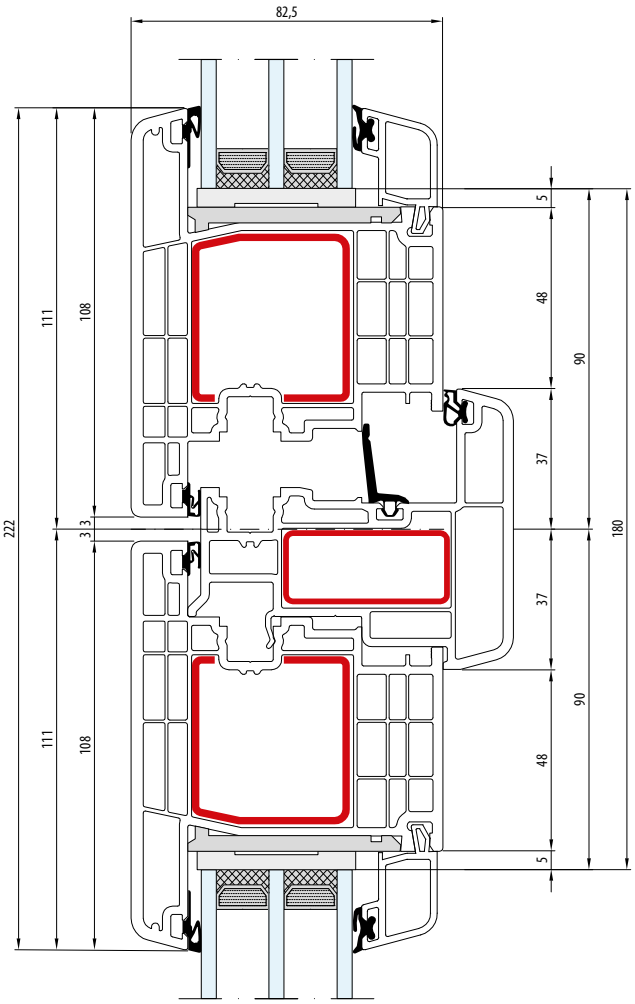
- Słupek ruchomy: 74 mm · Skrzydło: 74 mm
- Meneau mobile: 74 mm · Vantail: 74 mm
- Movable post: 74 mm · Sash: 74 mm
- Stulp: 74 mm · Flügel: 74 mm
- Montante mobile: 74 mm · Anta: 74 mm
- Verplaatsbare stijl: 74 mm · Vleugel: 74 mm



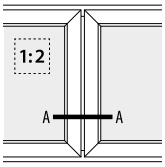


- Słupek ruchomy: 74 mm · Skrzydło: 108 mm
- Meneau mobile: 74 mm · Vantail: 108 mm
- Movable post: 74 mm · Sash: 108 mm
- Stulp: 74 mm · Flügel: 108 mm
- Montante mobile: 74 mm · Anta: 108 mm
- Verplaatsbare stijl: 74 mm · Vleugel: 108 mm





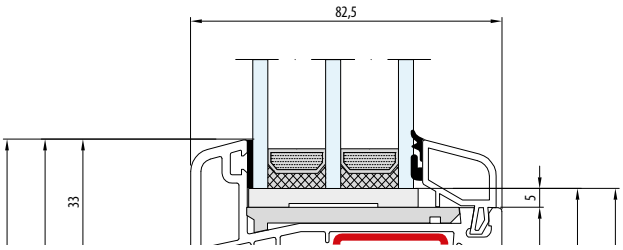
- Słupek ruchomy: 74 mm · Skrzydło: 108 mm
- Meneau mobile: 74 mm · Vantail: 108 mm
- Movable post: 74 mm · Sash: 108 mm
- Stulp: 74 mm · Flügel: 108 mm
- Montante mobile: 74 mm · Anta: 108 mm
- Verplaatsbare stijl: 74 mm · Vleugel: 108 mm

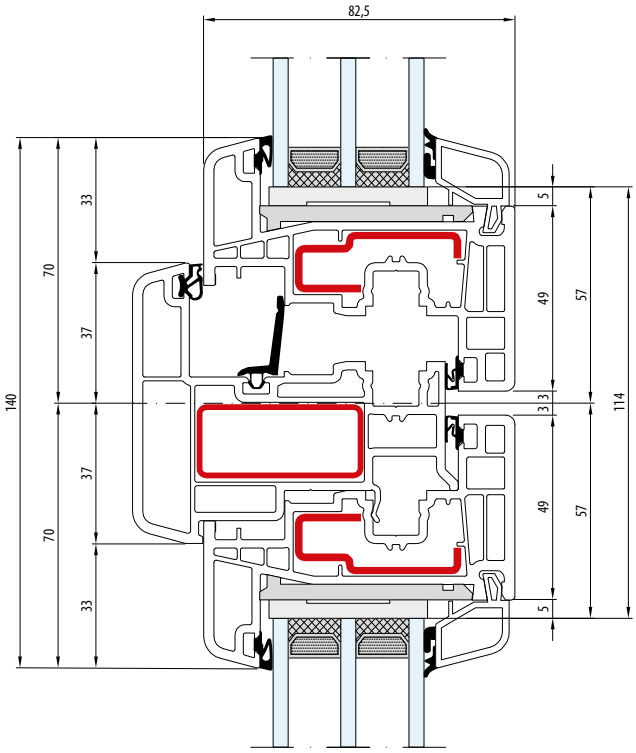


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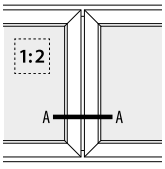
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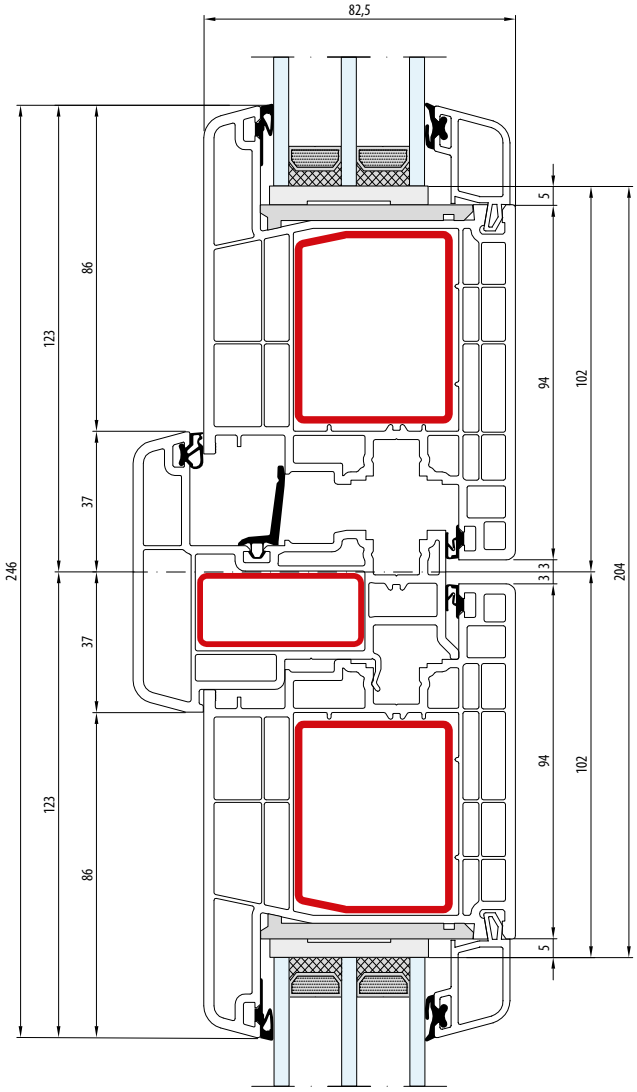
STV



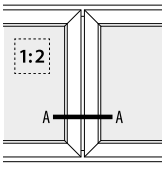


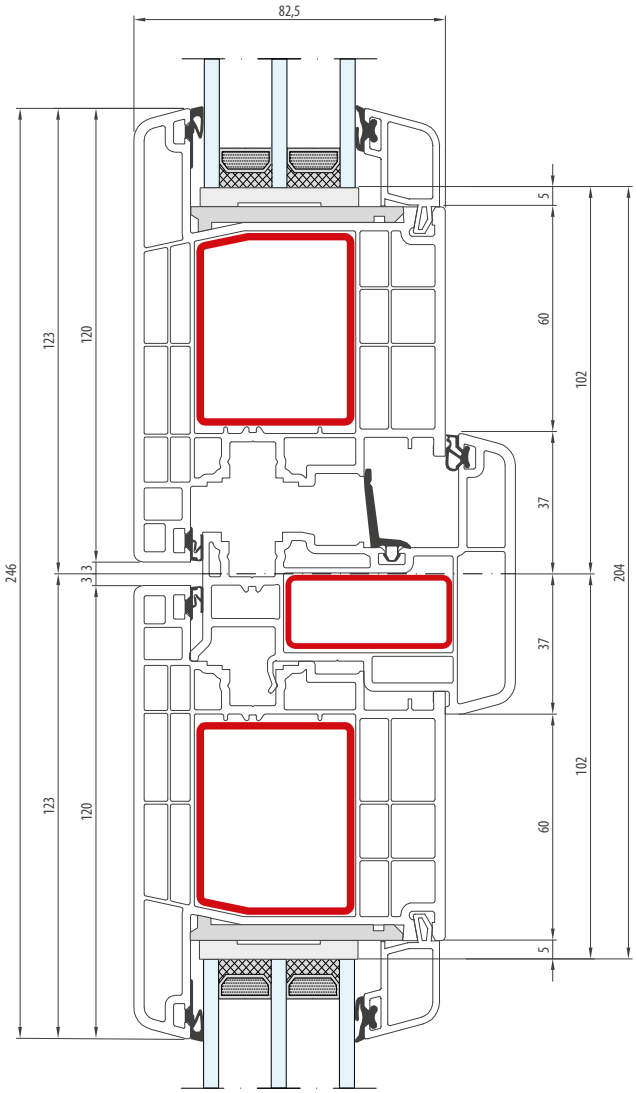
- Słupek ruchomy: 74 mm · Skrzydło: 67 mm
- Meneau mobile: 74 mm · Vantail: 67 mm
- Movable post: 74 mm · Sash: 67 mm
- Stulp: 74 mm · Flügel: 67 mm
- Montante mobile: 74 mm · Anta: 67 mm
- Verplaatsbare stijl: 74 mm · Vleugel: 67 mm



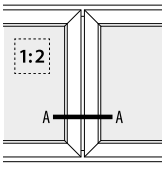


Słupek ruchomy: 74 mm · Skrzydło: 120 mm
Meneau mobile: 74 mm · Vantail: 120 mm
Movable post: 74 mm · Sash: 120 mm
Stulp: 74 mm · Flügel: 120 mm
Montante mobile: 74 mm · Anta: 120 mm
Verplaatsbare stijl: 74 mm · Vleugel: 120 mm





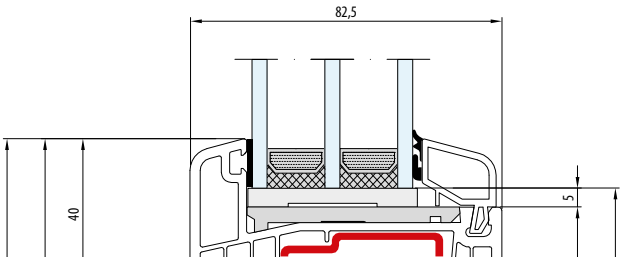
- Słupek ruchomy: 74 mm · Skrzydło: 120 mm
- Meneau mobile: 74 mm · Vantail: 120 mm
- Movable post: 74 mm · Sash: 120 mm
- Stulp: 74 mm · Flügel: 120 mm
- Montante mobile: 74 mm · Anta: 120 mm
- Verplaatsbare stijl: 74 mm · Vleugel: 120 mm

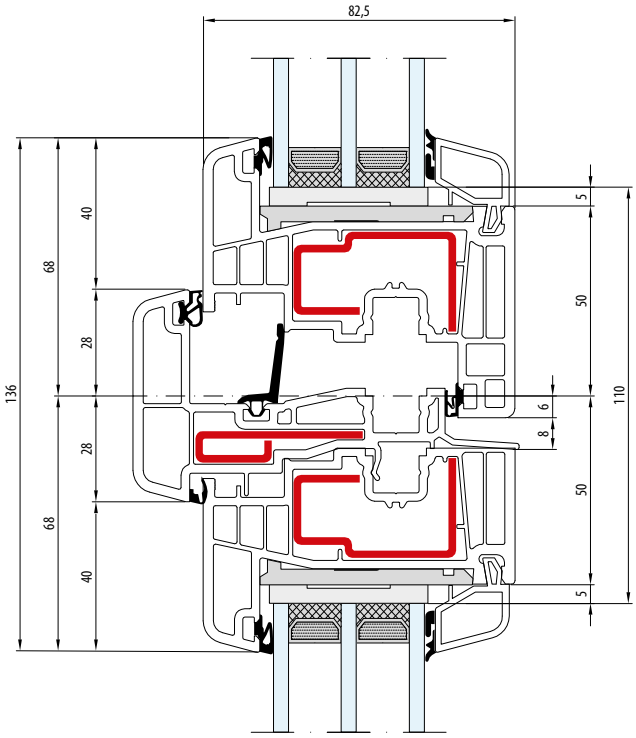


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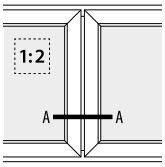
CL

STV





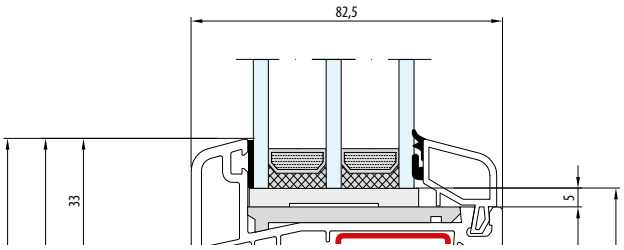
- Słupek ruchomy: 56 mm · Skrzydło: 74 mm / 54 mm
- Meneau mobile: 56 mm · Vantail: 74 mm / 54 mm
- Movable post: 56 mm · Sash: 74 mm / 54 mm
- Stulp: 56 mm · Flügel: 74 mm / 54 mm
- Montante mobile: 56 mm · Anta: 74 mm / 54 mm
- Verplaatsbare stijl: 56 mm · Vleugel: 74 mm / 54 mm

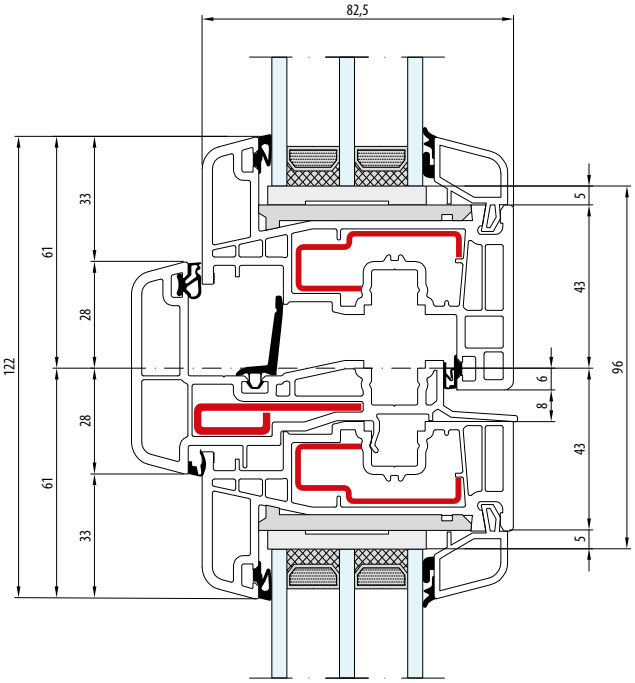


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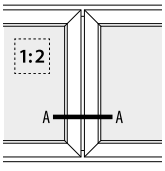
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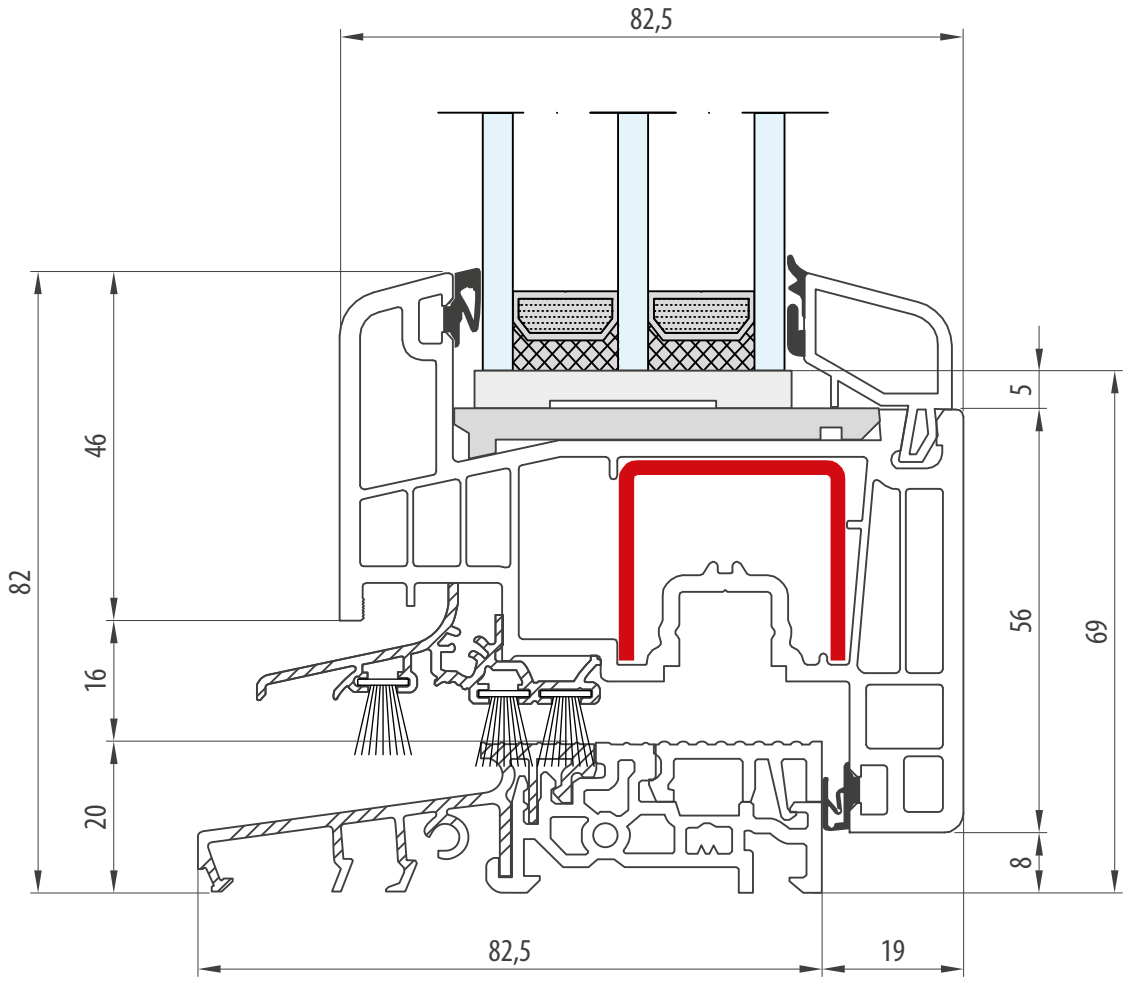
STV



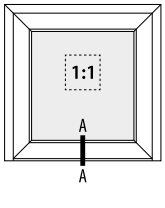


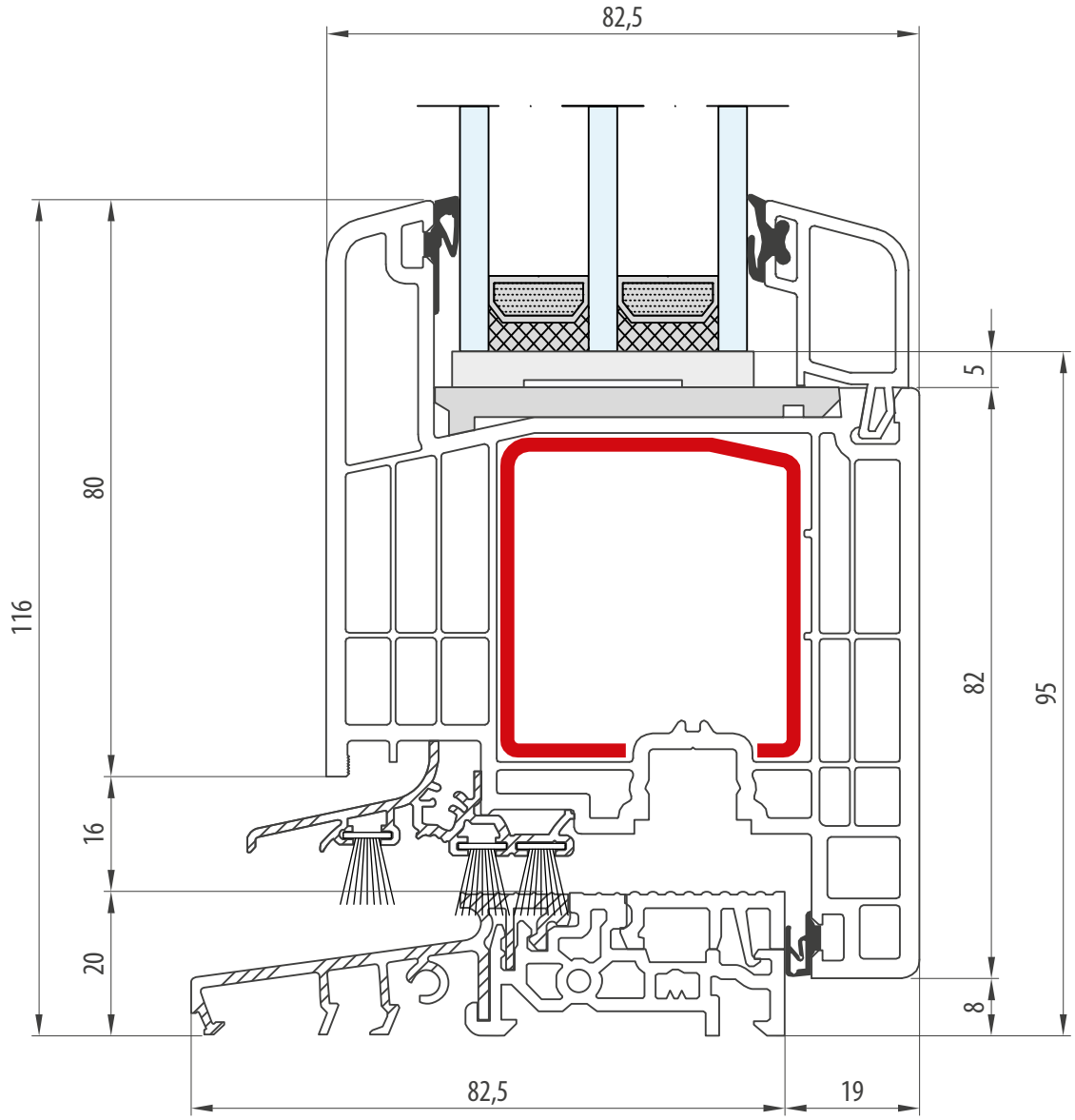
- Słupek ruchomy: 56 mm · Skrzydło: 67 mm / 47 mm
- Meneau mobile: 56 mm · Vantail: 67 mm / 47 mm
- Movable post: 56 mm · Sash: 67 mm / 47 mm
- Stulp: 56 mm · Flügel: 67 mm / 47 mm
- Montante mobile: 56 mm · Anta: 67 mm / 47 mm
- Verplaatsbare stijl: 56 mm · Vleugel: 67 mm / 47 mm



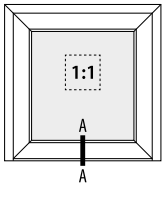


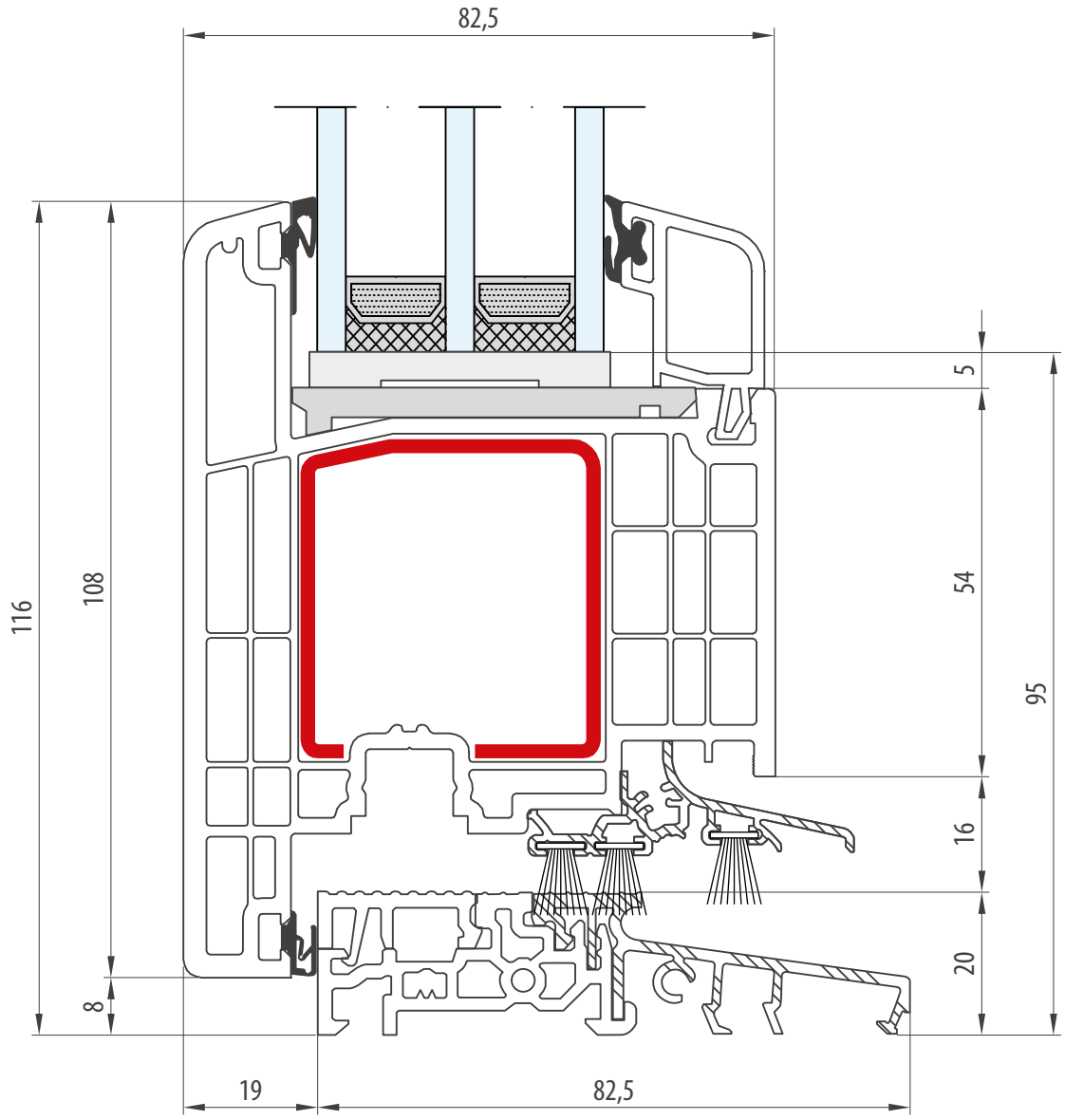
- Próg: 20 mm · Skrzydło: 74 mm
- Seuil: 20 mm · Vantail: 74 mm
- Threshold: 20 mm · Sash: 74 mm
- Schwelle: 20 mm · Flügel: 74 mm
- Soglia: 20 mm · Anta: 74 mm
- Dorpel: 20 mm · Vleugel: 74 mm



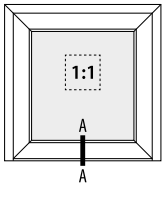


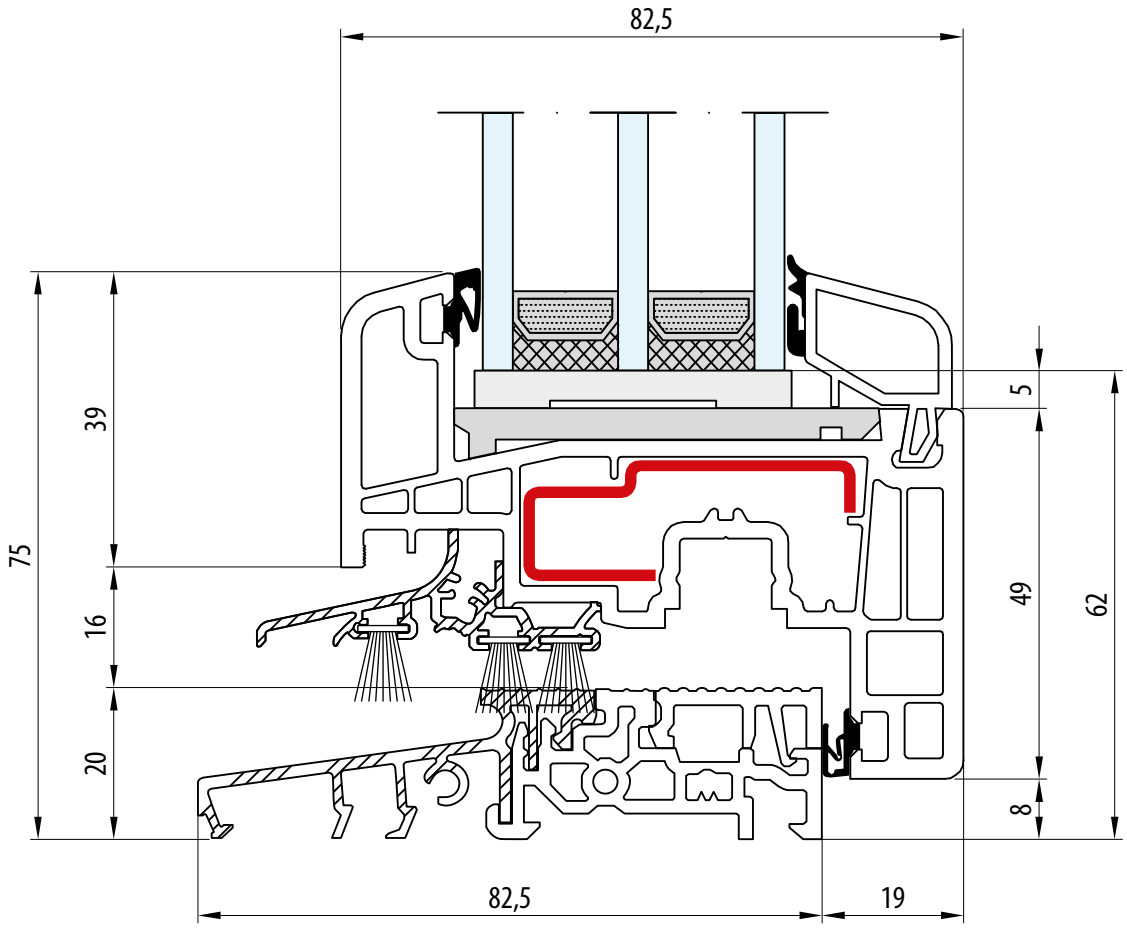
Próg: 20 mm · Skrzydło: 108 mm
Seuil: 20 mm · Vantail: 108 mm
Threshold: 20 mm · Sash: 108 mm
Schwelle: 20 mm · Flügel: 108 mm
Soglia: 20 mm · Anta: 108 mm
Dorpel: 20 mm · Vleugel: 108 mm



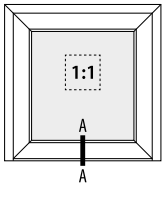


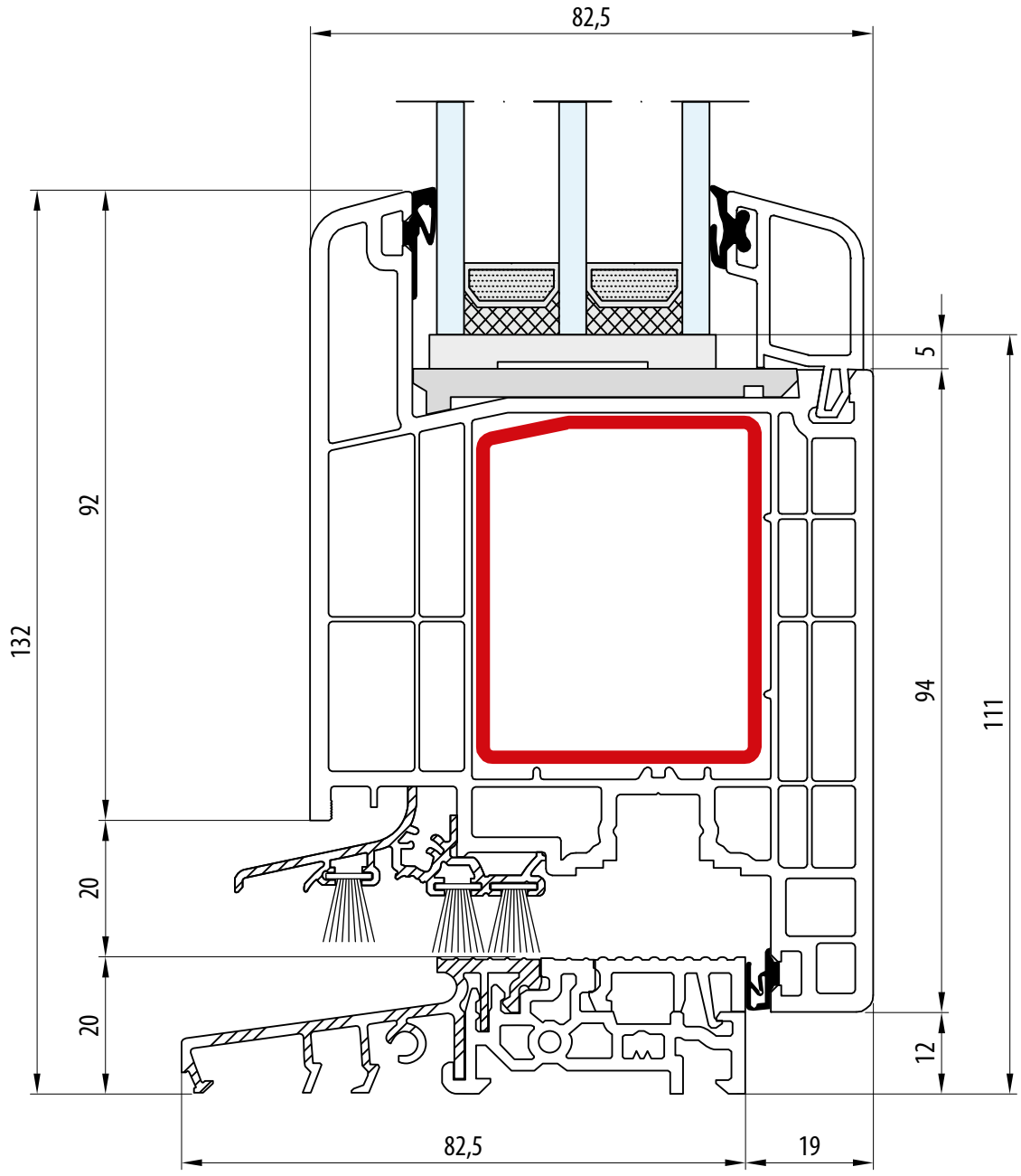
- Próg: 20 mm · Skrzydło: 108 mm
- Seuil: 20 mm · Vantail: 108 mm
- Threshold: 20 mm · Sash: 108 mm
- Schwelle: 20 mm · Flügel: 108 mm
- Soglia: 20 mm · Anta: 108 mm
- Dorpel: 20 mm · Vleugel: 108 mm



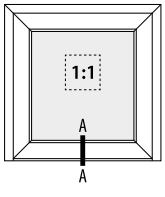


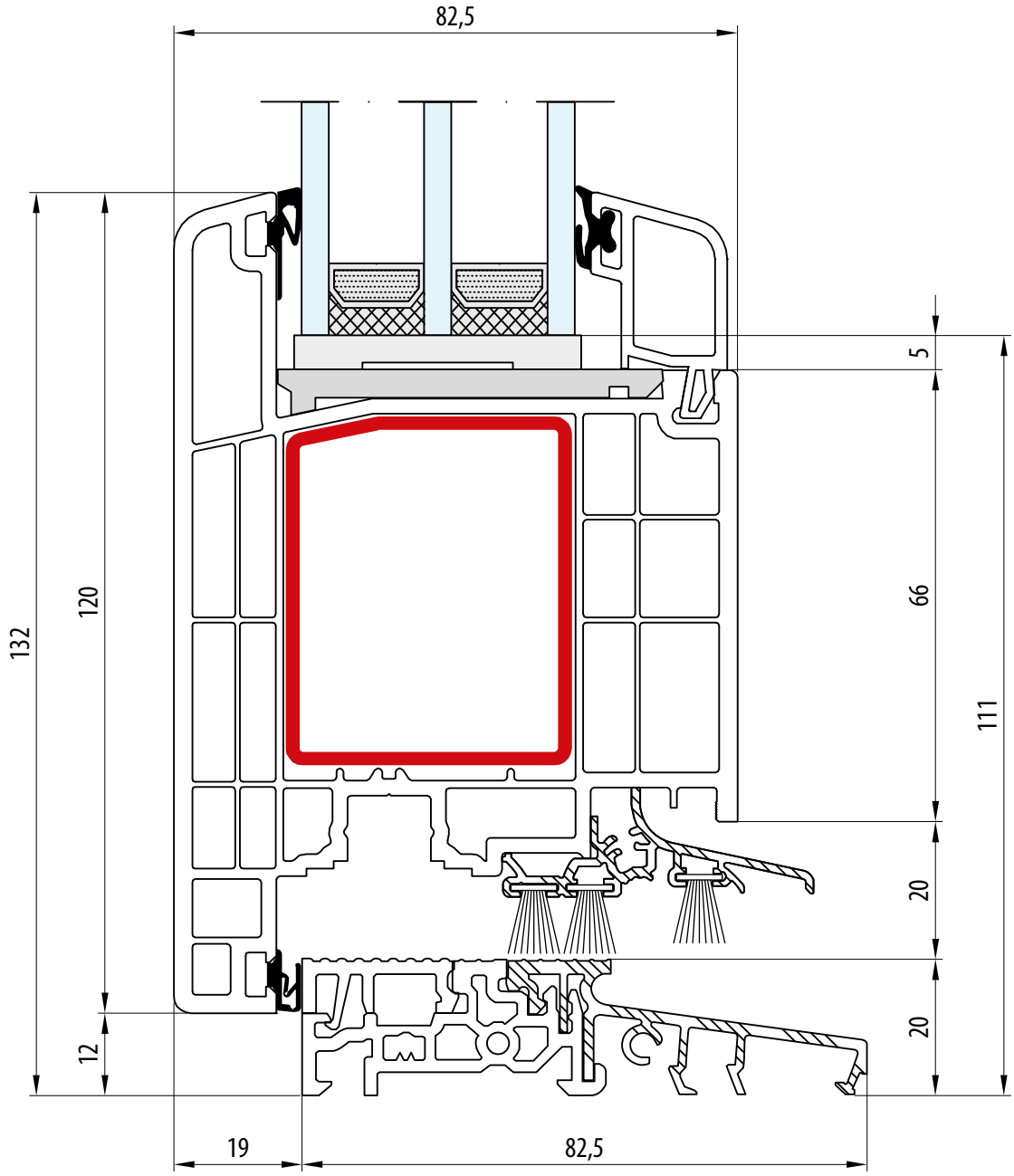
Próg: 20 mm · Skrzydło: 67 mm
Seuil: 20 mm · Vantail: 67 mm
Threshold: 20 mm · Sash: 67 mm
Schwelle: 20 mm · Flügel: 67 mm
Soglia: 20 mm · Anta: 67 mm
Dorpel: 20 mm · Vleugel: 67 mm



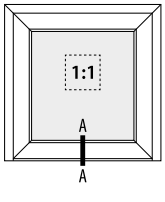


Próg: 20 mm · Skrzydło: 120 mm
Seuil: 20 mm · Vantail: 120 mm
Threshold: 20 mm · Sash: 120 mm
Schwelle: 20 mm · Flügel: 120 mm
Soglia: 20 mm · Anta: 120 mm
Dorpel: 20 mm · Vleugel: 120 mm

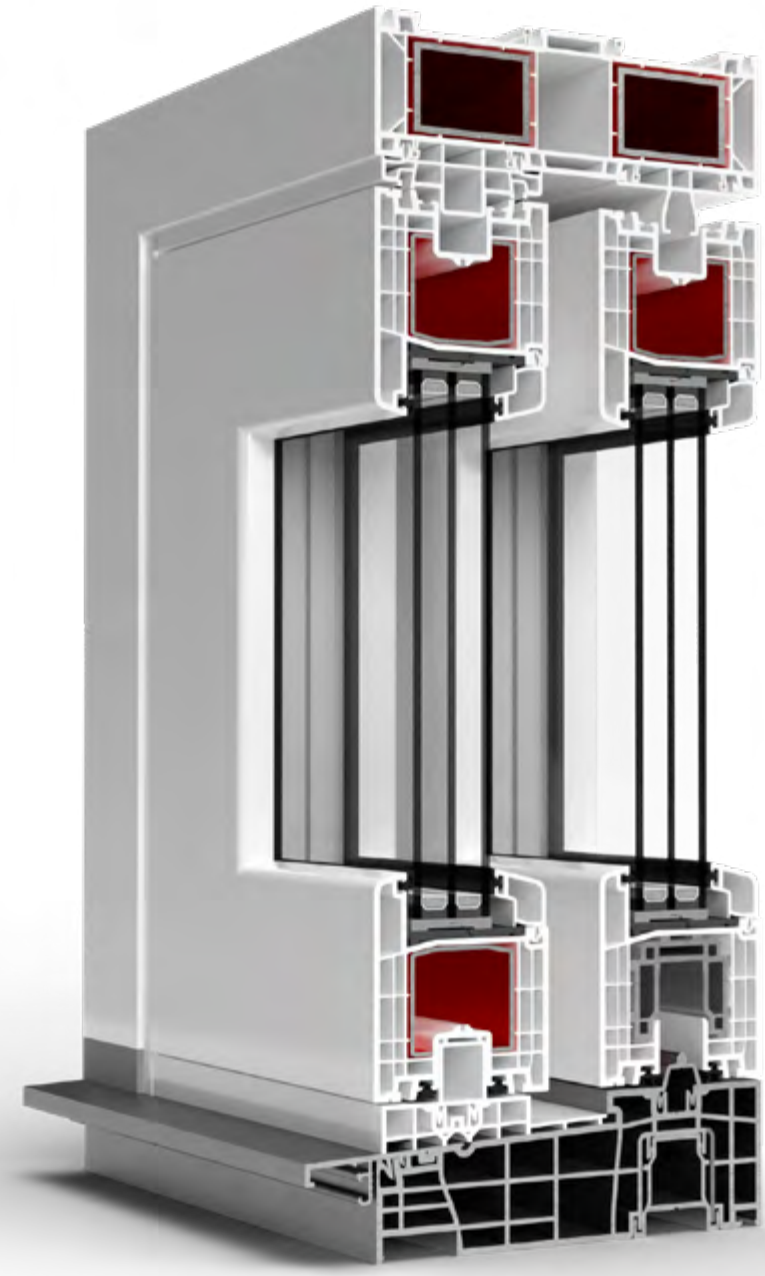


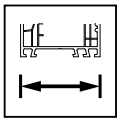


Próg: 20 mm · Skrzydło: 120 mm
Seuil: 20 mm · Vantail: 120 mm
Threshold: 20 mm · Sash: 120 mm
Schwelle: 20 mm · Flügel: 120 mm
Soglia: 20 mm · Anta: 120 mm
Dorpel: 20 mm · Vleugel: 120 mm

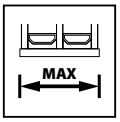


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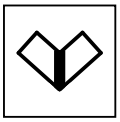




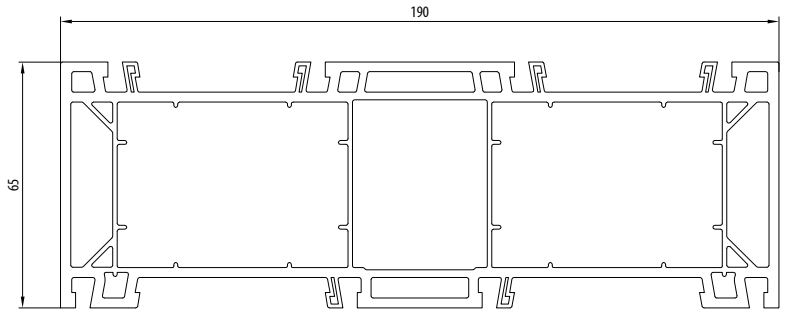
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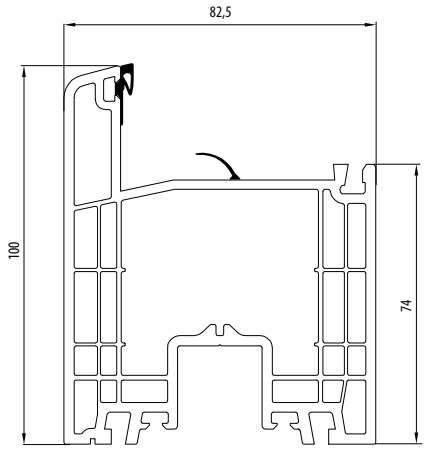
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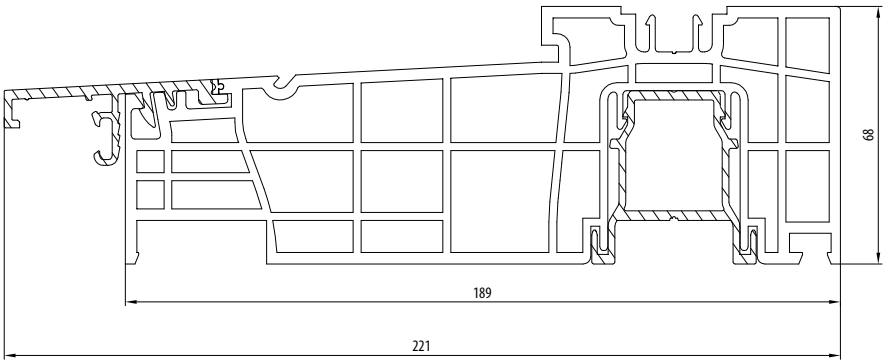




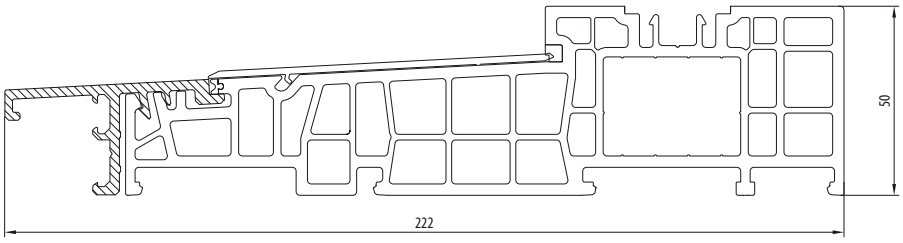
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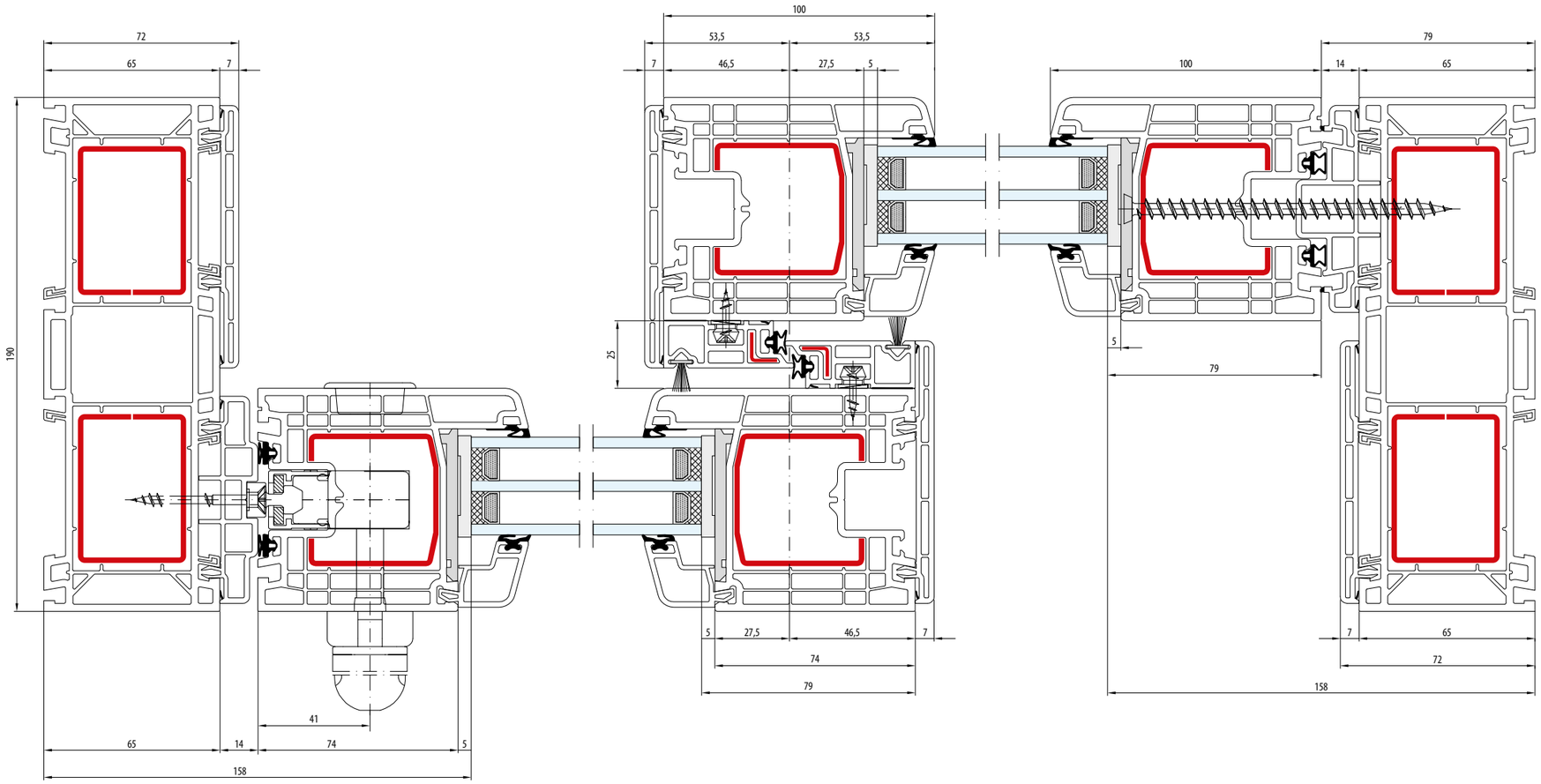
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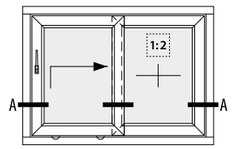
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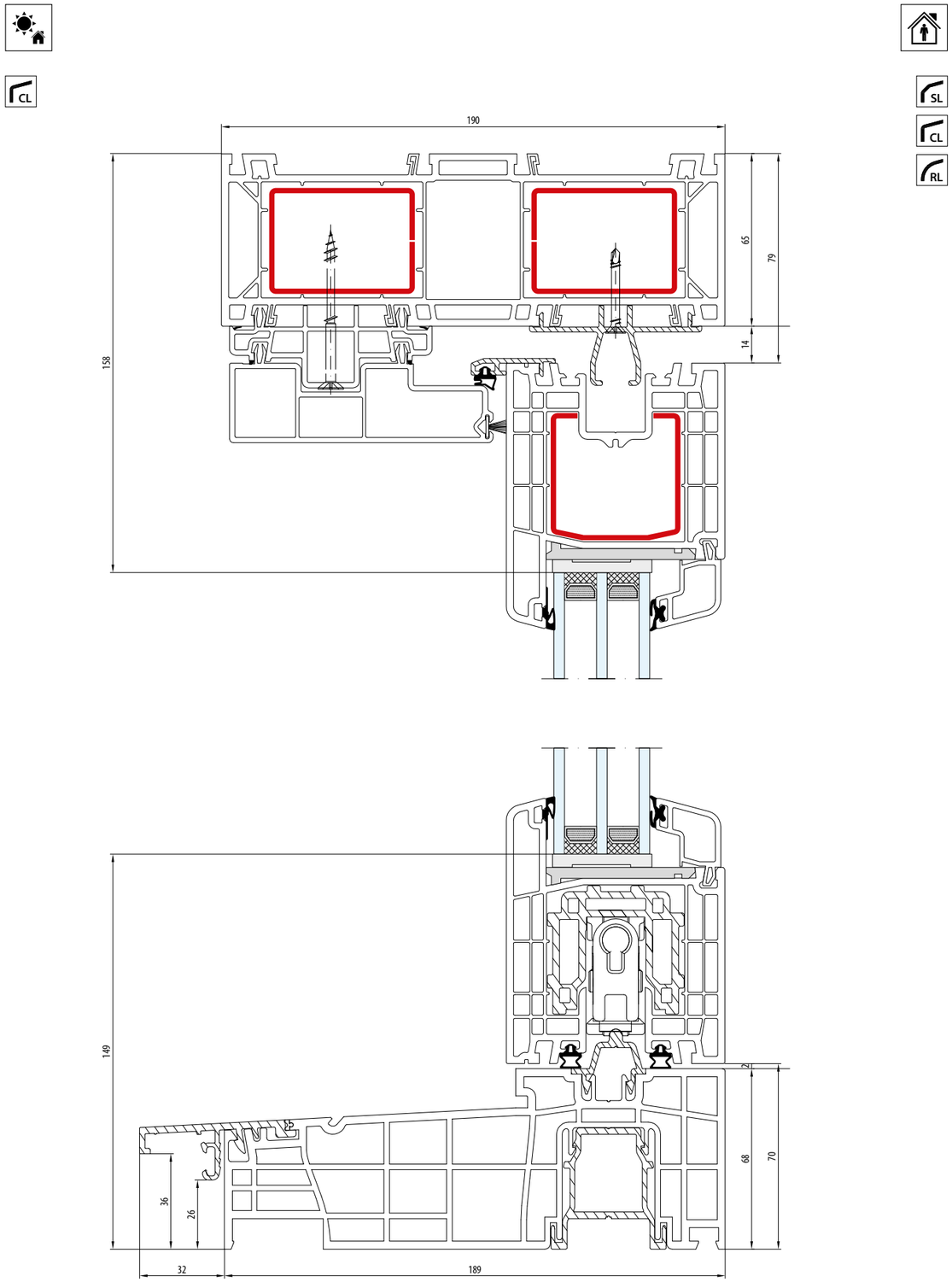


Thermo Schwelle - 50 mm

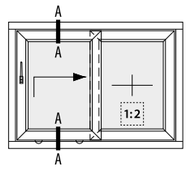


- Schemat A - Przekrój poziomy · Rama: 65 mm · Skrzydło: 100 mm
- Schéma A - Coupe horizontale · Dormant: 65 mm · Vantail: 100 mm
- Schema A - Doorsnede horizontaal · Frame: 65 mm · Sash: 100 mm
- Schema A - Wagerechter Schnitt · Rahmen: 65 mm · Flügel: 100 mm
- Schema A - Sezione orizzontale · Telaio: 65 mm · Anta: 100 mm
- Schema A - Horizontale doorsnede · Kozijn: 65 mm · Vleugel: 100 mm

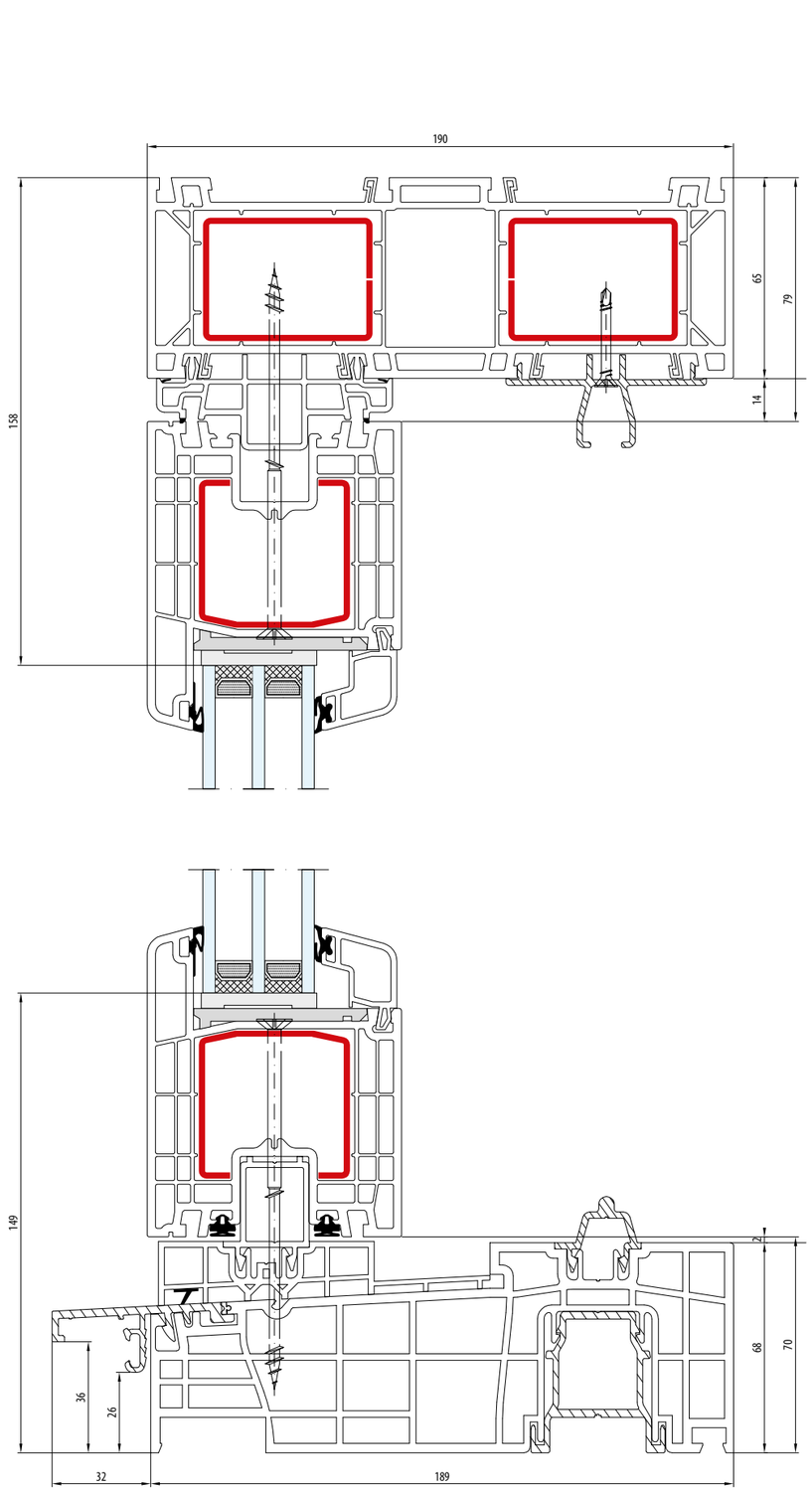




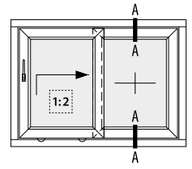
- Schemat A - Przekrój pionowy · Próg: 68 mm · Skrzydło: 100 mm
- Schéma A - Coupe verticale · Seuil: 68 mm · Vantail: 100 mm
- Schema A - Doorsnede verticaal · Doorstep: 68 mm · Sash: 100 mm
- Schema A - Senkrechter Schnitt · Schwelle: 68 mm · Flügel: 100 mm
- Schema A - Sezione verticale · Soglia: 68 mm · Anta: 100 mm
- Schema A - Verticale doorsnede · Dorpel: 68 mm · Vleugel: 100 mm

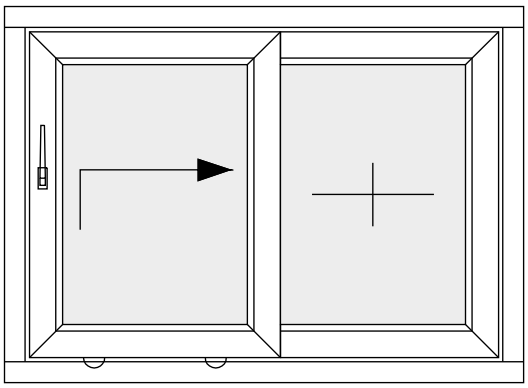


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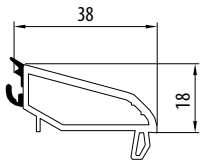
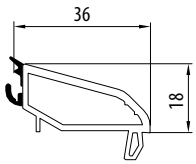
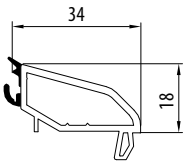
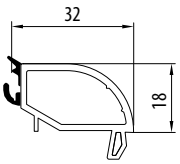
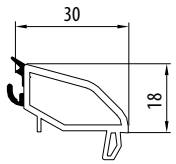
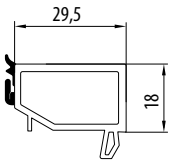
- Schemat A - Przekrój pionowy · Próg: 68 mm · Skrzydło: 100 mm
- Schéma A - Coupe verticale · Seuil: 68 mm · Vantail: 100 mm
- Schema A - Doorsnede verticaal · Doorstep: 68 mm · Sash: 100 mm
- Schema A - Senkrechter Schnitt · Schwelle: 68 mm · Flügel: 100 mm
- Schema A - Sezione verticale · Soglia: 68 mm · Anta: 100 mm
- Schema A - Verticale doorsnede · Dorpel: 68 mm · Vleugel: 100 mm

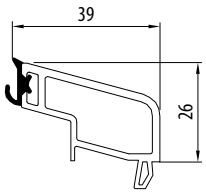
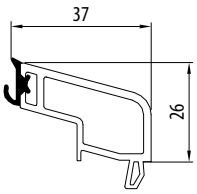
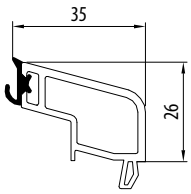
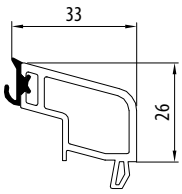


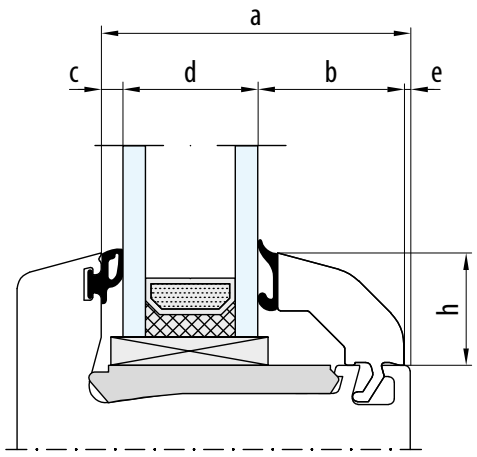


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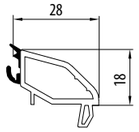
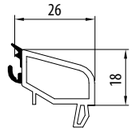
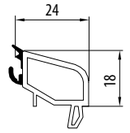
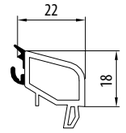
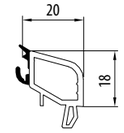
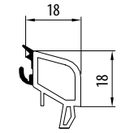
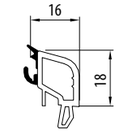
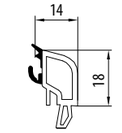
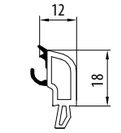
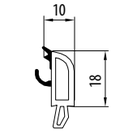
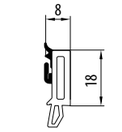
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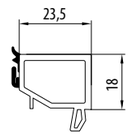
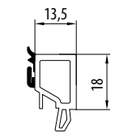
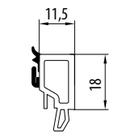
	d [mm]				
S 8000	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26
S 9000	23 - 24 | **STV** 26 - 27	25 - 26 | **STV** 28 - 29	27 - 28 | **STV** 30 - 31	29 - 30 | **STV** 32 - 33	31 - 32 | **STV** 34 - 35
CL	 7194	 7196	 7122	 7154	 7156
S 8000	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26
QL				 7224	

S 9000 HST Gealan	23 - 24 | **STV** 26 - 27	25 - 26 | **STV** 28 - 29	27 - 28 | **STV** 30 - 31	29 - 30 | **STV** 32 - 33
CL	 6124	 6126	 6128	 6130



$$b = a - c - d - e$$

d [mm]										
27 - 28	29 - 30	31 - 32	33 - 34	35 - 36	37 - 38	39 - 40	41 - 42	43 - 44	45 - 46	47 - 48
33 - 34 | **STV** 36 - 37	35 - 36 | **STV** 38 - 39	37 - 38 | **STV** 40 - 41	39 - 40 | **STV** 42 - 43	41 - 42 | **STV** 44 - 45	43 - 44 | **STV** 46 - 47	45 - 46 | **STV** 48 - 49	47 - 48 | **STV** 50 - 51	49 - 50 | **STV** 52 - 53	52- 53 | **STV** 54	
										
7131	7130	7142	7164	7116	7138	7180	7162	7144	7146	7248

27 - 28	29 - 30	31 - 32	33 - 34	35 - 36	37 - 38	39 - 40	41 - 42	43 - 44	45 - 46	47 - 48
										
	7230					7240	7242			

31 - 32 | **STV** 34 - 35	33 - 34 | **STV** 36 - 37	35 - 36 | **STV** 38 - 39	37 - 38 | **STV** 40 - 41	39 - 40 | **STV** 42 - 43	41 - 42 | **STV** 44 - 45	43 - 44 | **STV** 46 - 47	45 - 46 | **STV** 48 - 49	47 - 48 | **STV** 50 - 51	49 - 50 | **STV** 52 - 53	51 - 52 | **STV** 54
6132	6134	6136	6138	6140	6142	6144	6146	6148	6150	6152

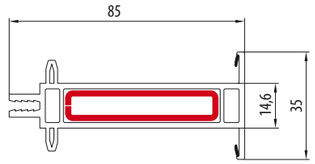
	a [mm]	c [mm]	e [mm]
S 9000	61	3,5	1,5
S 9000 HST Gealan	67,5	4	1,5

1:2

GEALAN

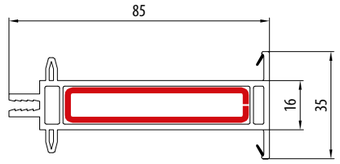


3284



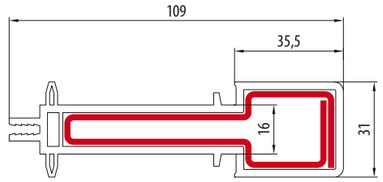
7281

2,0 | 405015 | Ix 0,3 | Iy 5,2



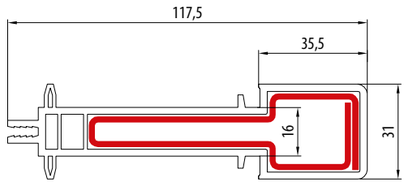
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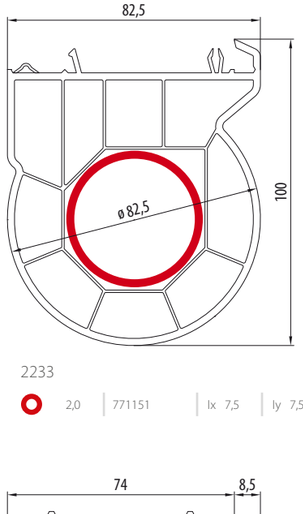
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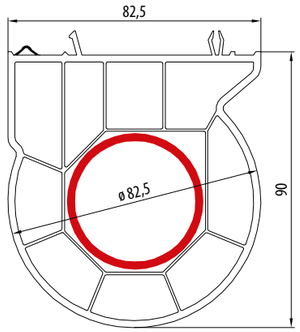
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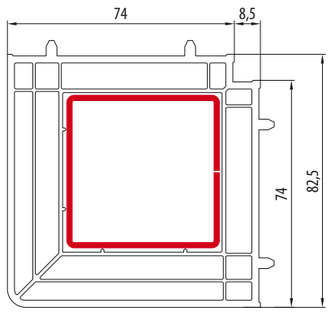
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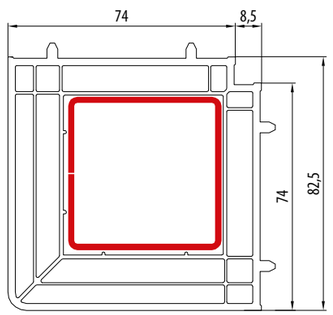
5206

2,5 | 771151 | Ix 7,5 | Iy 7,5



2233

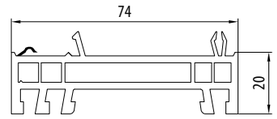
2,0 | 771851 | Ix 14,3 | Iy 14,3



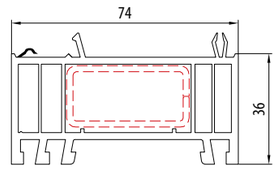
2304

2,0 | 771851 | Ix 14,3 | Iy 14,3

1:2



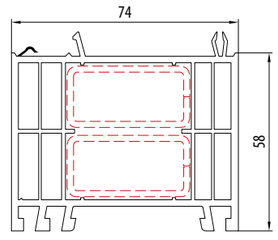
2315



2313

– 0,0 | – | Ix 0,0 | Iy 0,0

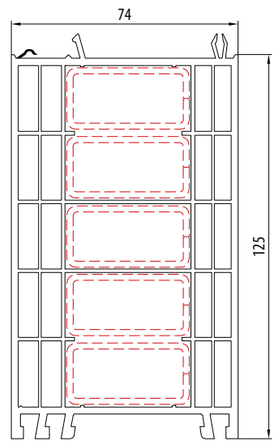
2,0 | 272451 | Ix 1,3 | Iy 4,1



7292

– 0,0 | – | Ix 0,0 | Iy 0,0

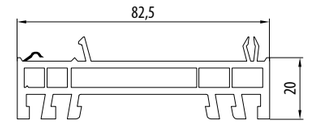
2,0 | 272451 x 2 | Ix 2,7 | Iy 8,3



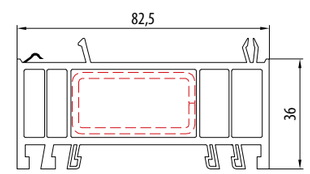
2311

– 0,0 | – | Ix 0,0 | Iy 0,0

2,0 | 272451 x 4 | Ix 5,5 | Iy 16,6



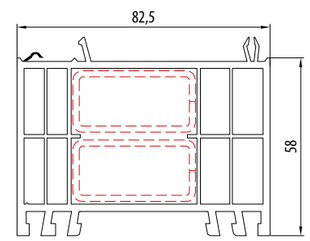
5201



5213

– 0,0 | – | Ix 0,0 | Iy 0,0

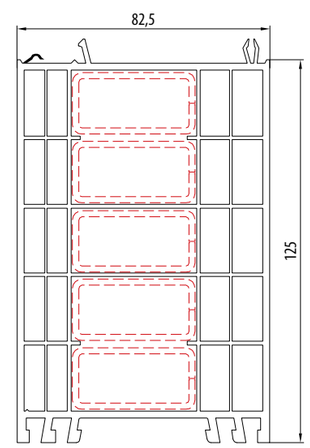
2,0 | 272451 | Ix 1,3 | Iy 4,1



5202

– 0,0 | – | Ix 0,0 | Iy 0,0

2,0 | 272451 x 2 | Ix 2,7 | Iy 8,3



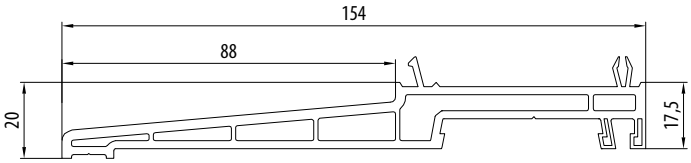
5203

– 0,0 | – | Ix 0,0 | Iy 0,0

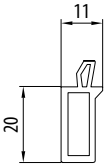
2,0 | 272451 x 4 | Ix 5,5 | Iy 16,6

1:2

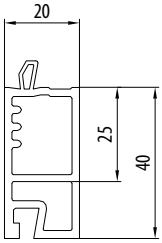
GEALAN



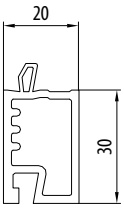
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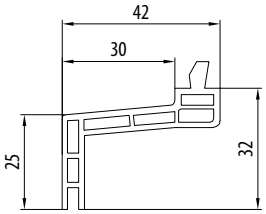
2101



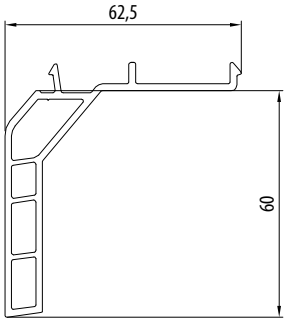
3205



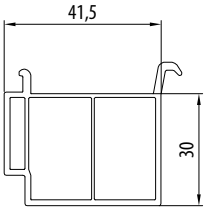
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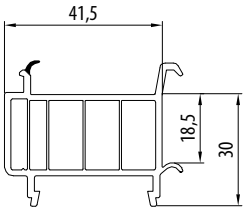
2209



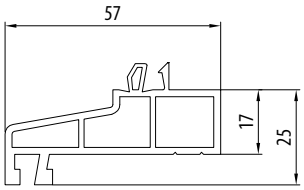
7209



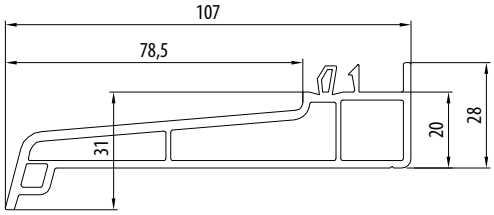
7202



7205



3207



7213

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1/2023



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