

TECHNICAL CATALOGUE

OPTIMA ALU

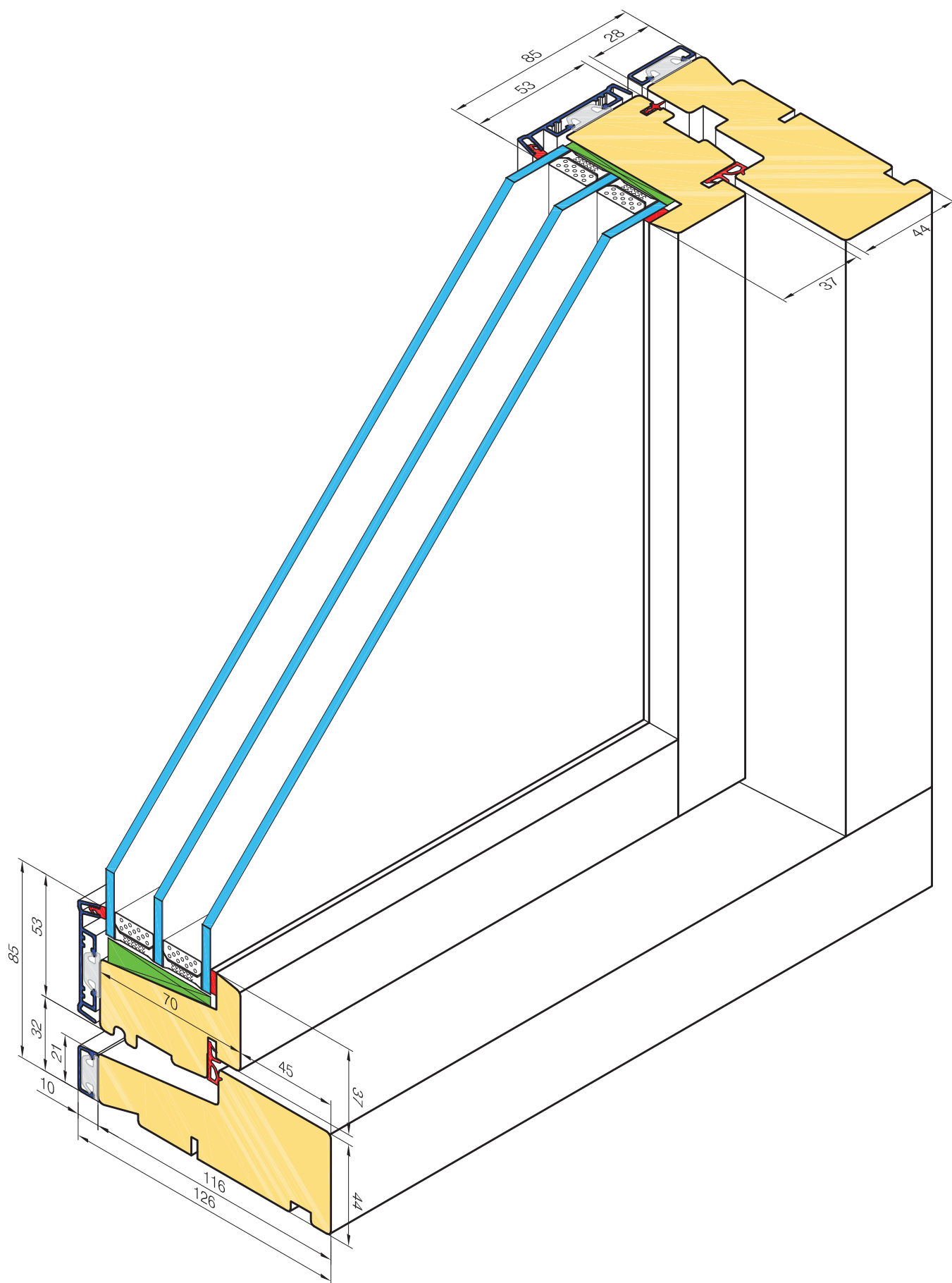
WINDOWS AND DOORS

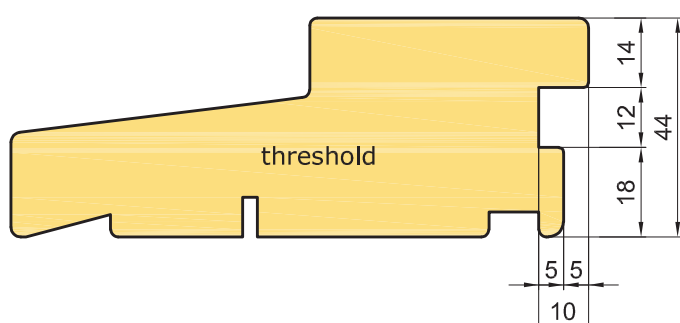
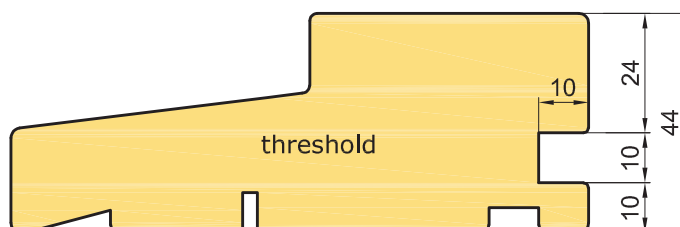
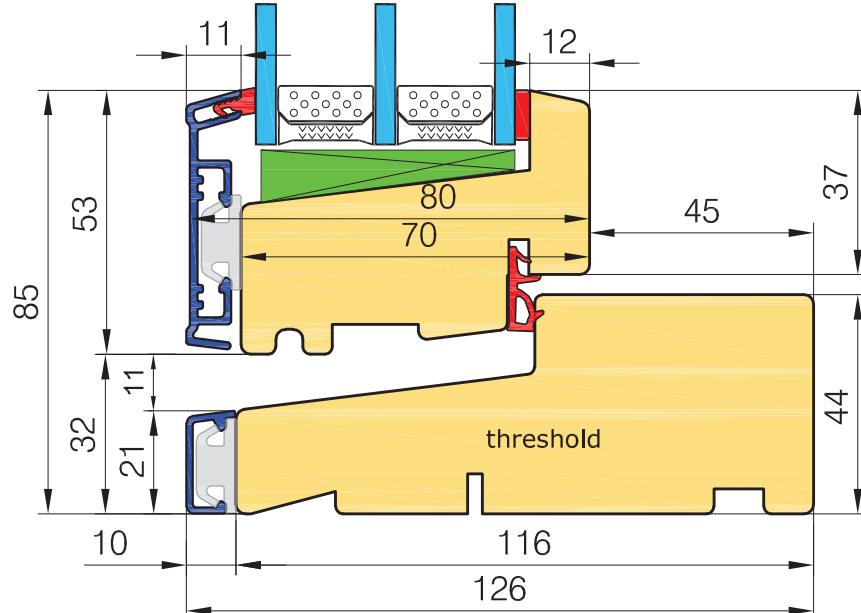
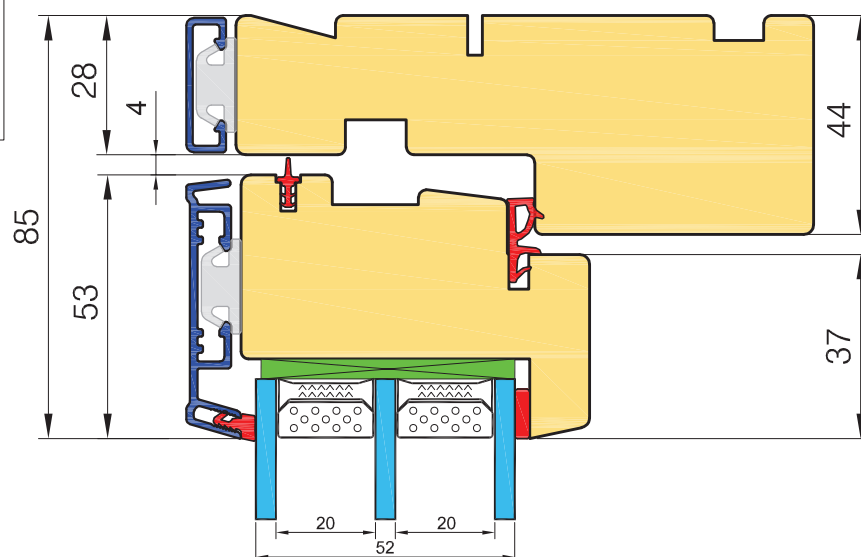
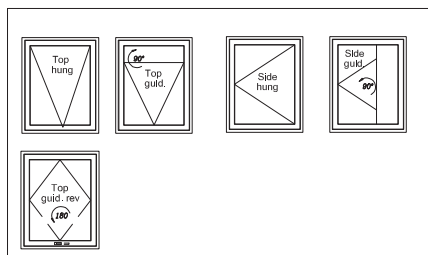
October 2022

L.p.	technical issue	description	notes
1	CONSTRUCTION	PROFILE: SOFT, CLASSIC	
2	MATERIAL	- Pine heartwood (fingerjointed),	
3	FITTINGS OPTIONS	- FIX, - Side Hung, - Side Swing 90, - flying mullion, - Topguided, - TopTurn 180,	
4	KSZTAŁT WYROBU	- rectangle, - triangle (FIX), - trapezium (FIX),	
5	SIZE RANGES	Max and min dimensions of single-sash windows: - Side hung: width= 402 - 875mm, height= 360 - 1764mm, - Topguided: width = 350 - 1568mm, height = 350 - 1600mm, - Side Swing 90°: width = 420 - 884mm, height = 364 - 1764mm, - Top Turn 180°: width = 360 - 1578mm, height = 588 - 1568mm - Doors: Width = 460 - 1116; Height max= 2445mm. (maximum sash weight - doors - 80kg)	
6	Glazing	Glazing unit thickness: - OPTIMA sash - 38mm - OPTIMA FIX - 40mm - OPTIMA FIX - sash profile - 38mm - OPTIMA ALU sash - 52mm, - OPTIMA ALU FIX - 46mm, - OPTIMA ALU FIX - sash profile - 46mm.	
7	TIMBER FINISH	Final painting with water-based opaque paints or stains	
8	COLOUR	- RAL, - Transparent TM1504, TM1703, TM1515, TM7130, TM666, TM1501, TM367, TM5207, TM666, TM9012,	
9	GLAZING BARS	- construcion 60mm, 104mm. - vienna 25mm, 42mm, 60mm. - internal glazing bars (inside insulated glass unit)	
10	WIDTHS OF CONSTRUCTION ELEMENTS	Windows sash: 53mm, frame: 44mm, Doors sash: 104mm, frame: 44mm,	
11	VENTS	OPTIMA i OPTIMA ALU a) Click Vent 268 white or gray, b) Click Vent 343 white or gray, OPTIMA a) Trimvent 90 HL 250 natural, white, brown, b) Trimvent 90 HL 425 natural, white, brown, c) Trimvent 90 HL 695 natural, white, brown,	

<i>L.p.</i>	<i>technical issue</i>	<i>description</i>	<i>notes</i>
12	ADDITIONAL OPTIONS	OPTIMA Corner connector 135degrees OPTIMA + OPTIMA Corner connector 90degrees OPTIMA + OPTIMA Widening 116x20 Widening 116x30 Widening 116x50 Widening 116x60 Widening 116x70 Widening 116x80 Widening 116x90 Widening 116x100 Widening 116x110 Widening 116x120 Widening 116x130 Transport list under the fiberglass 20x45mm Widening 90x20mm PURENIT: 30x60mm; 50x60; 60x60; 80x60; 90x60; 100x60; 110x60; 120x60; 130x60; 150x60; 180x60; 200x60; 210x60; 230x60; 250x60mm. OPTIMA ALU Corner connector 135degrees OPTIMAALU + OPTIMAALU Corner connector 90degrees OPTIMAALU + OPTIMAALU Connector 118x120mm Connector 20x110 Widening 118x30 Widening 118x50 Widening 118x60 Widening 118x70 Widening 118x80 Widening 118x90 Widening 118x100 Widening 118x110 Widening 118x120 Widening 118x130 Transport list under the fiberglass 20x45mm PURENIT: 30x60mm; 50x60; 60x60; 80x60; 90x60; 100x60; 110x60; 120x60; 130x60; 150x60; 180x60; 200x60; 210x60; 230x60; 250x60mm.	

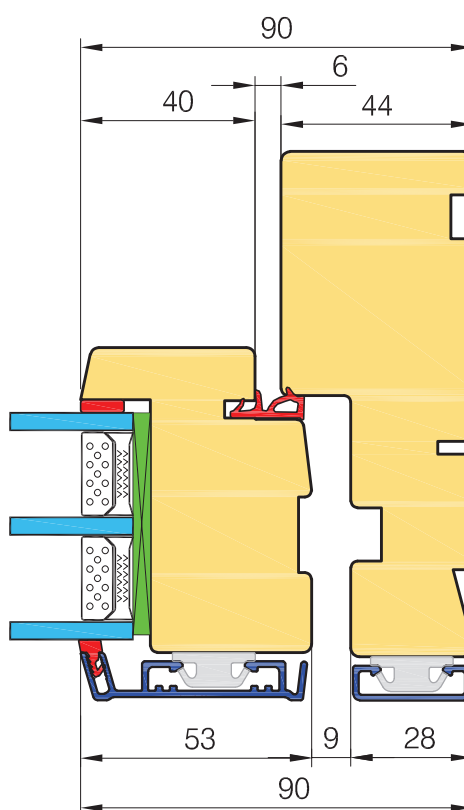
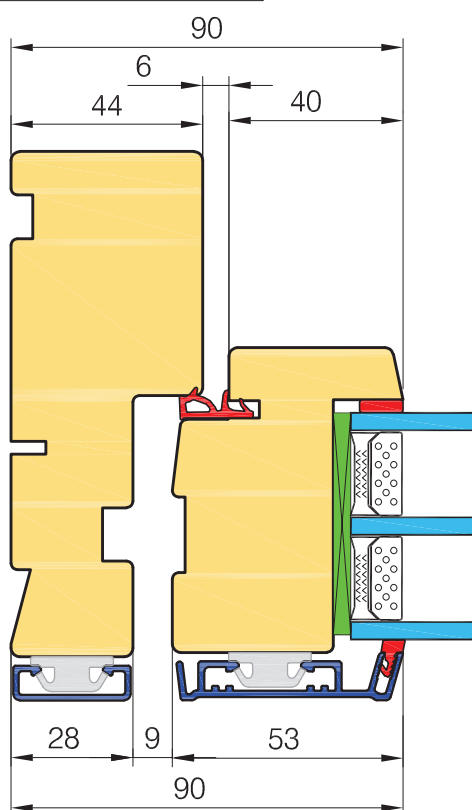
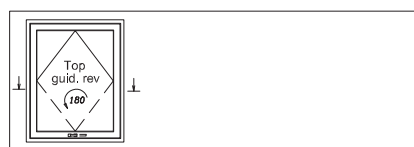
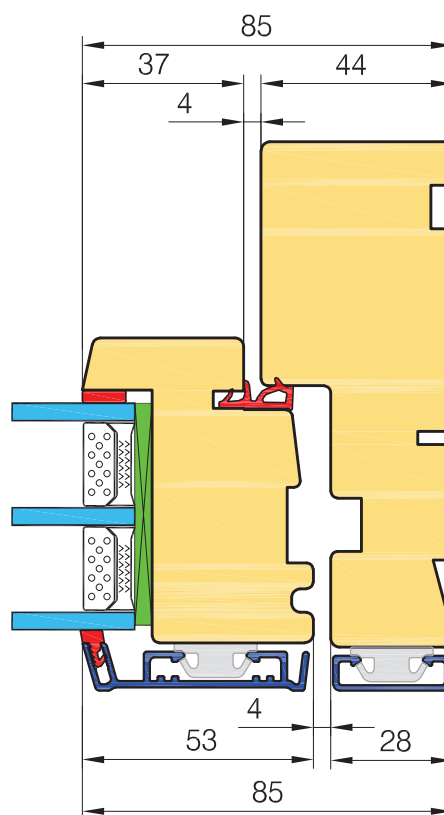
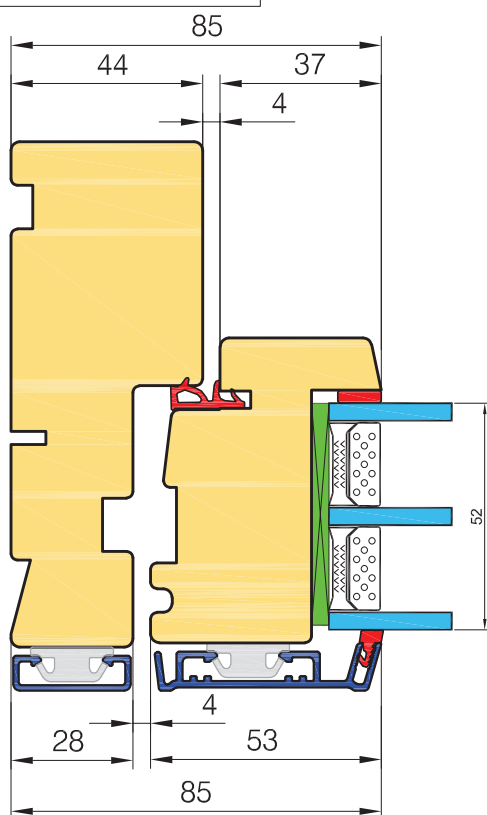
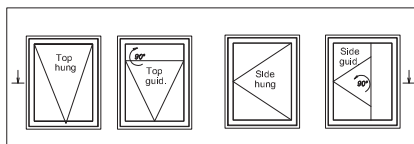
OPTIMA ALU - PROFILE SOFT - WINDOWS



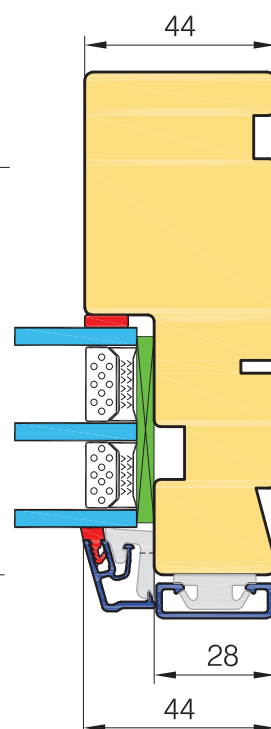
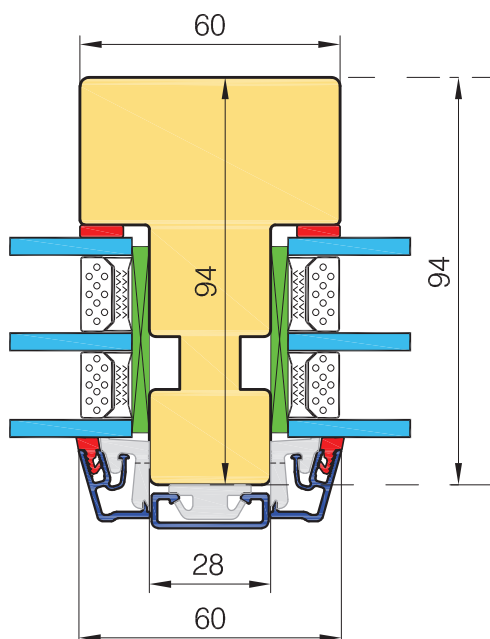
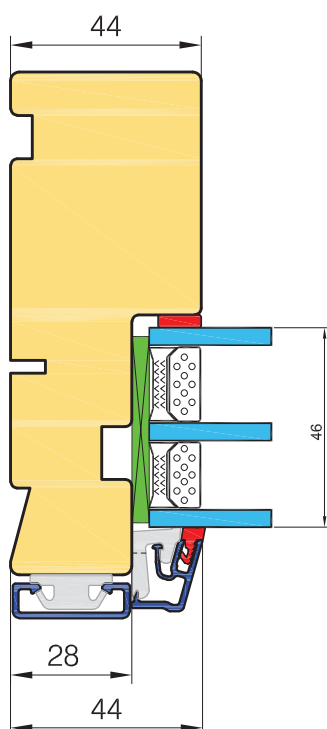
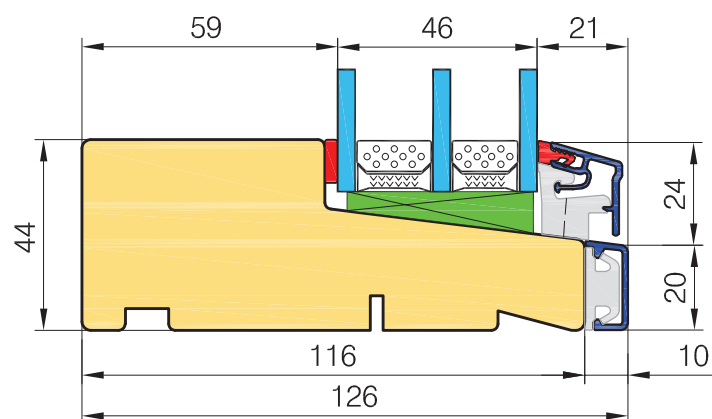
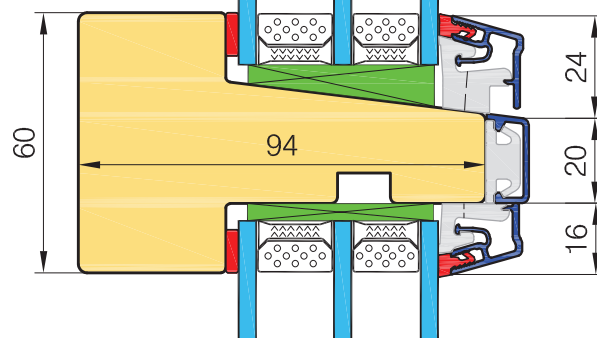
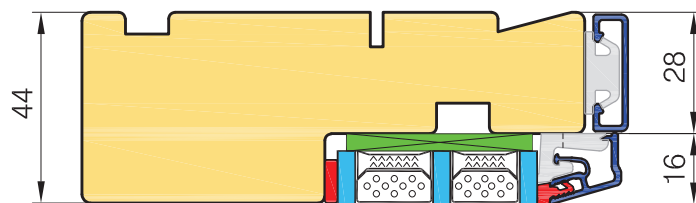
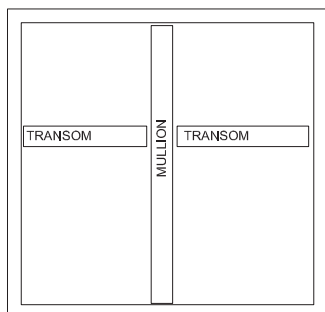


threshold undercutting:

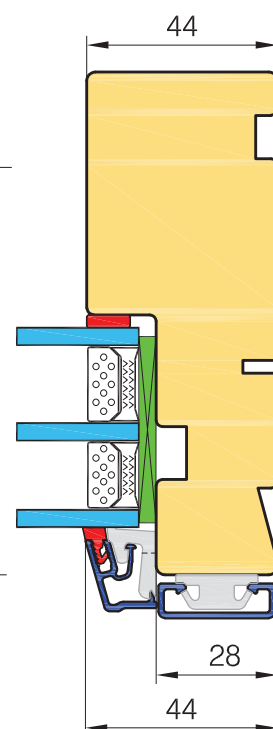
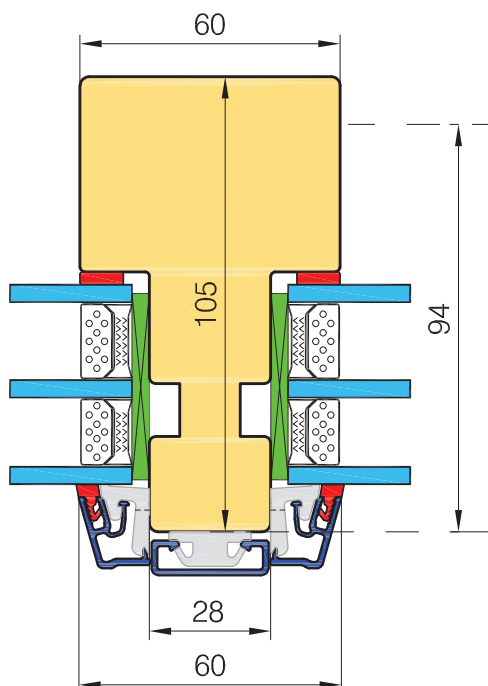
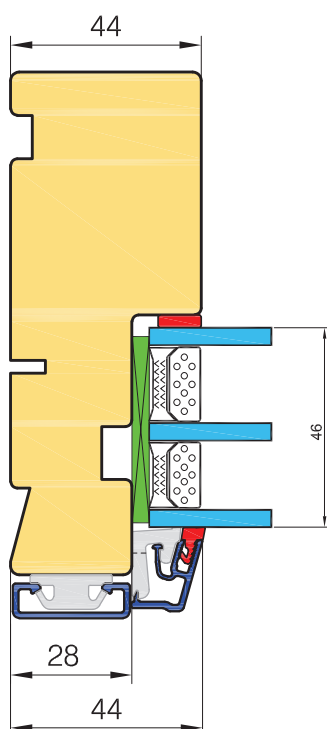
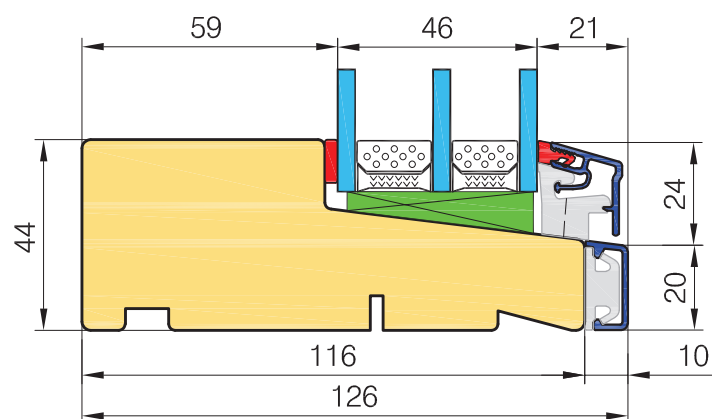
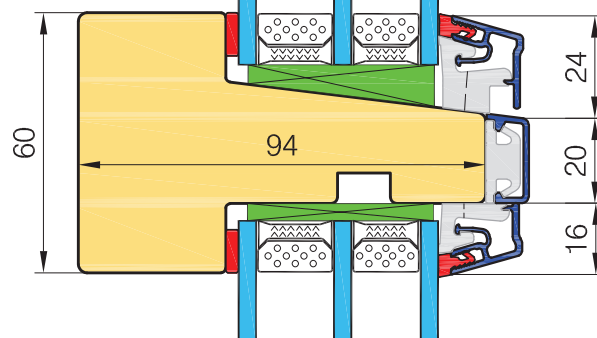
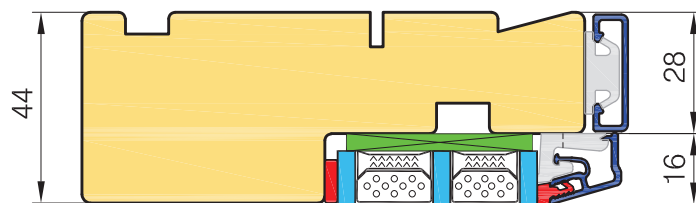
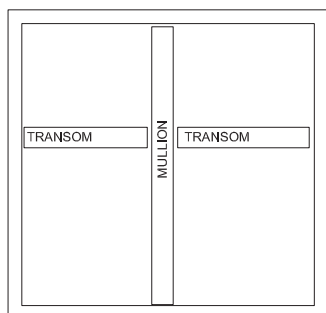
- groove 10x10mm from inside,
- cutting 10x12 mm from inside,



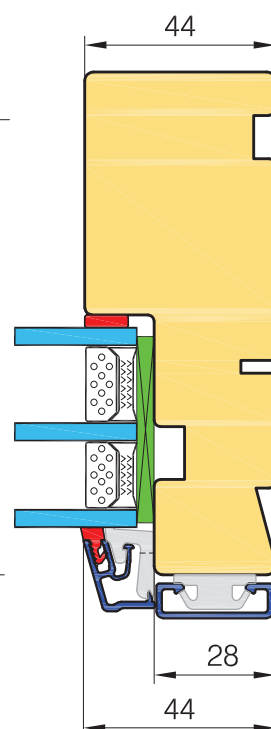
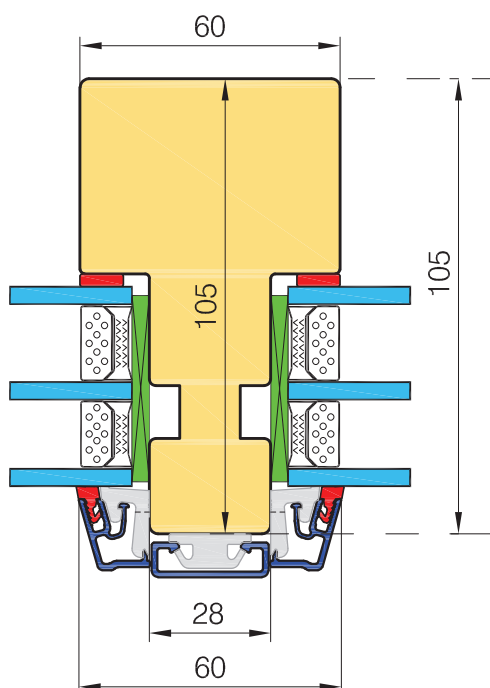
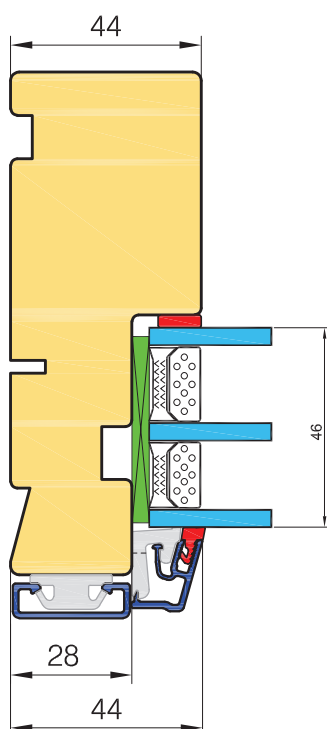
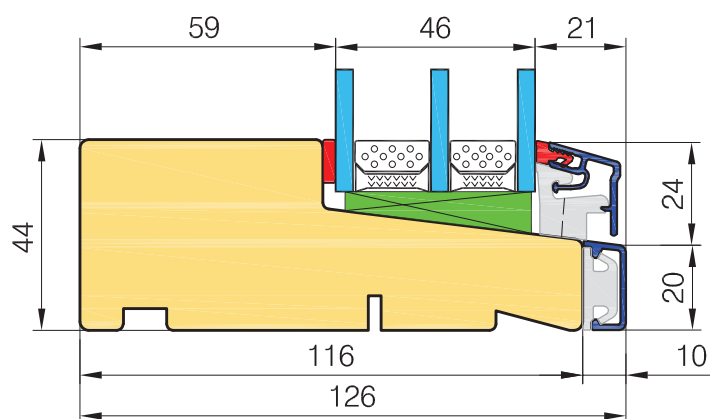
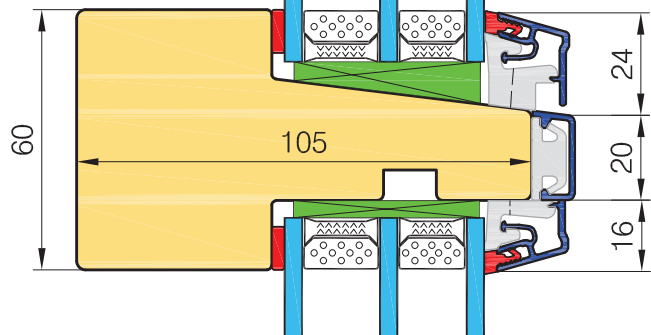
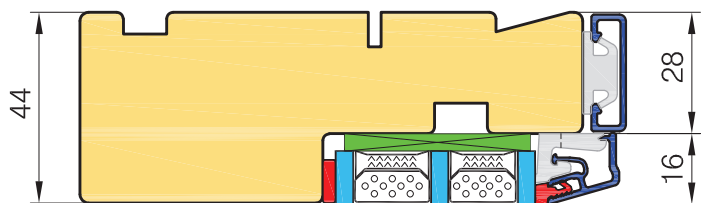
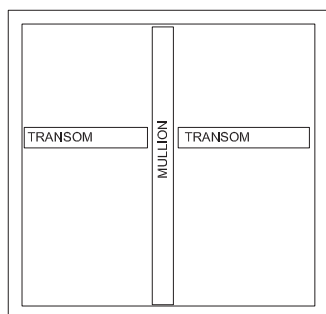
Standard



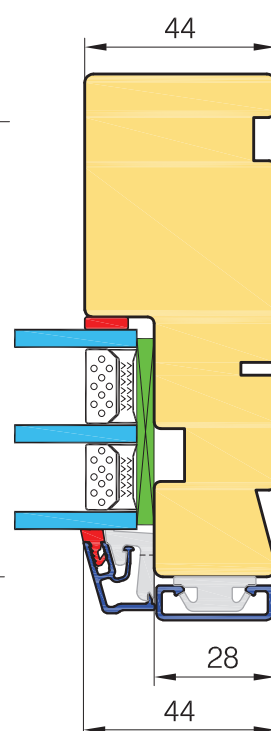
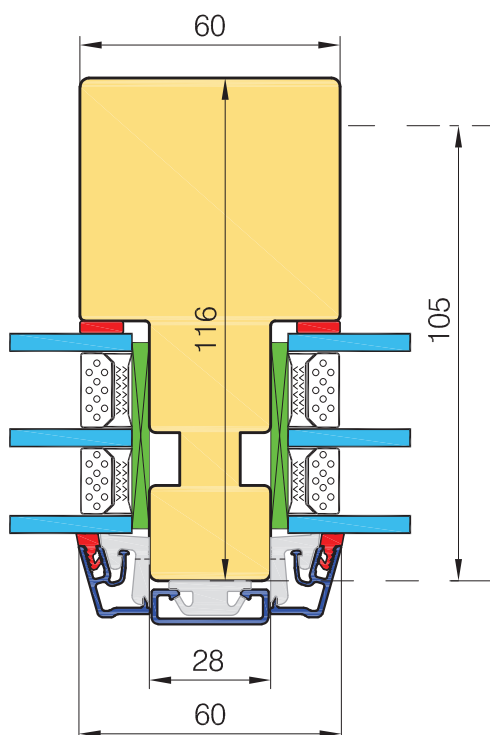
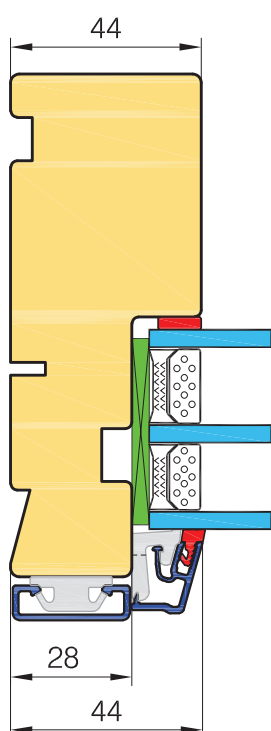
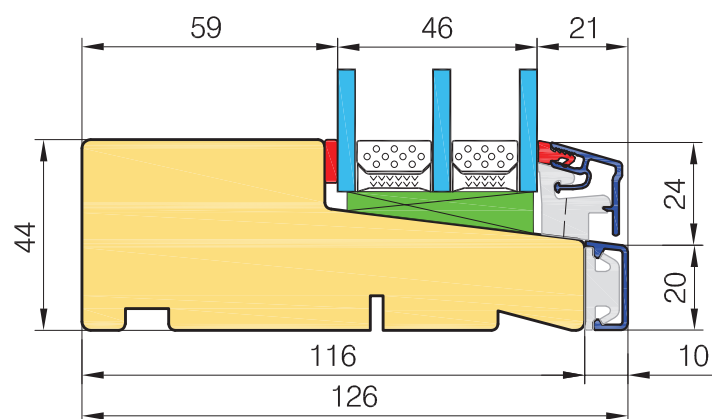
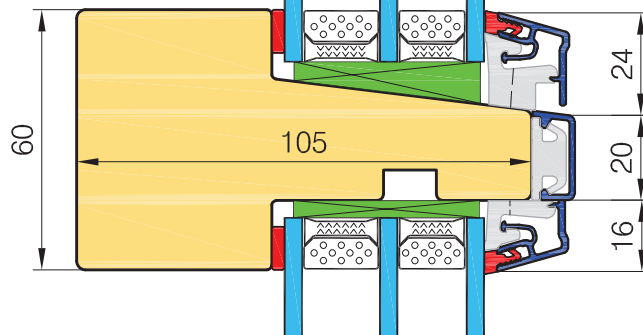
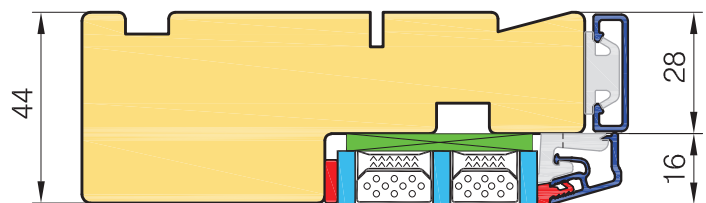
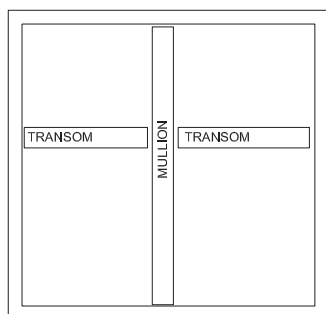
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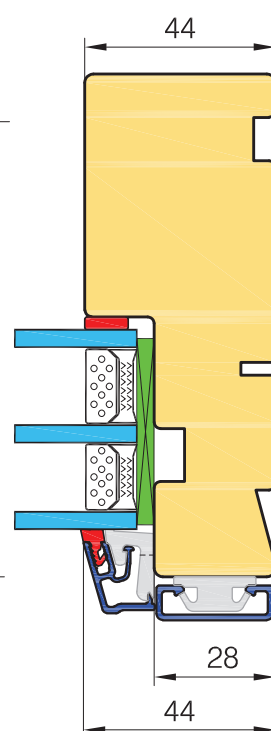
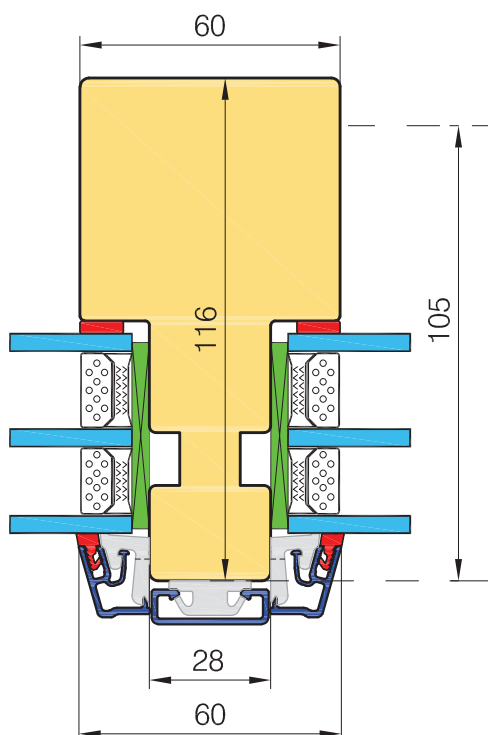
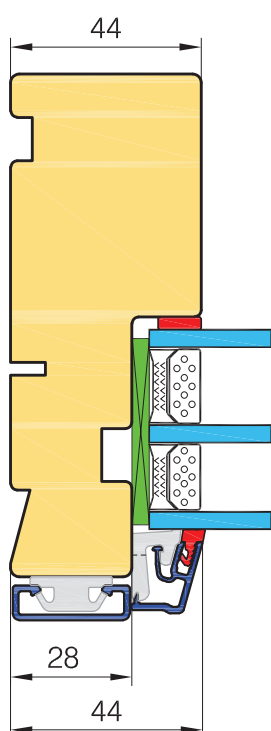
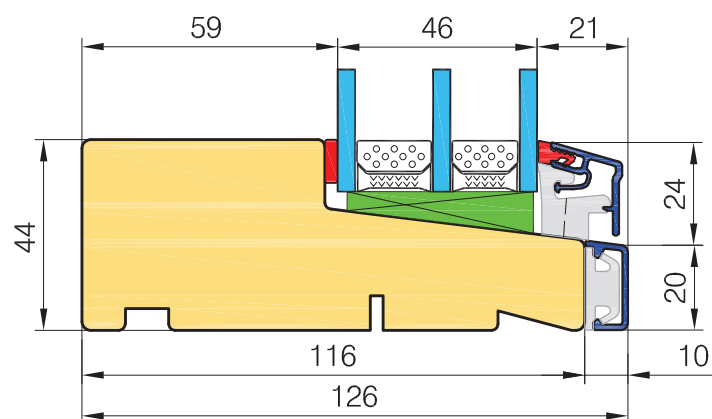
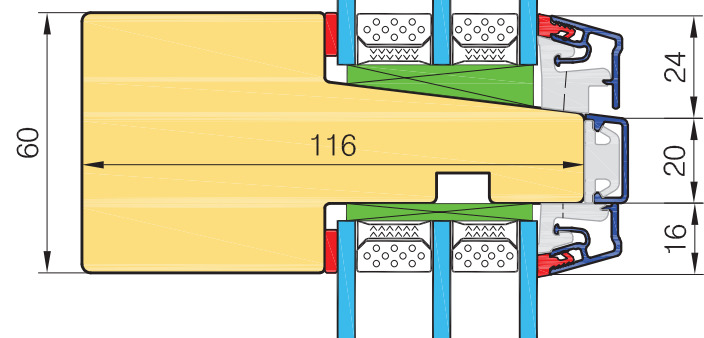
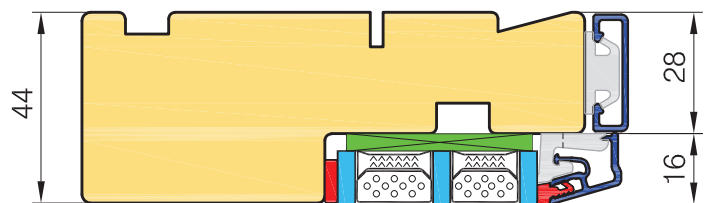
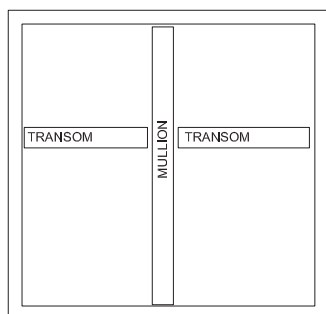
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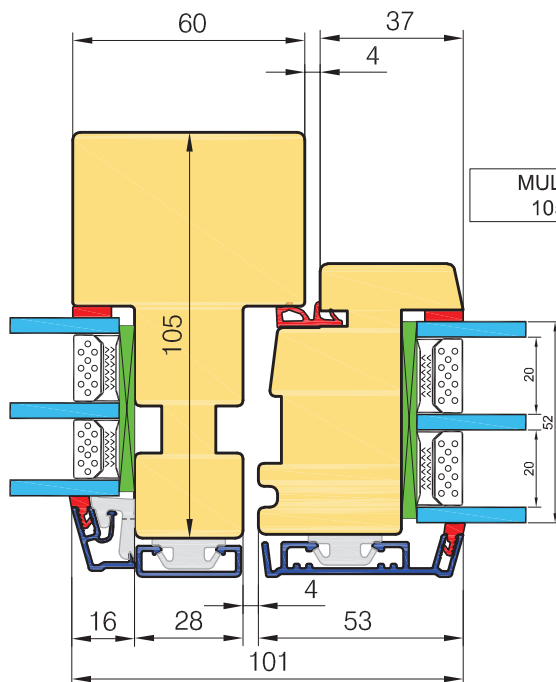
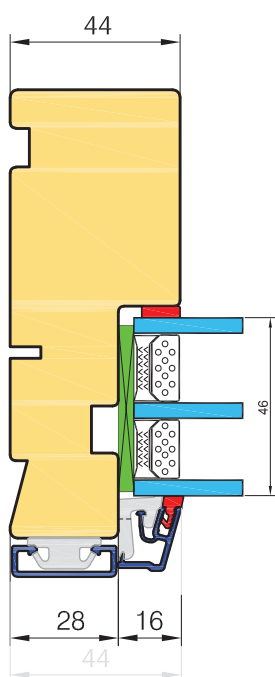


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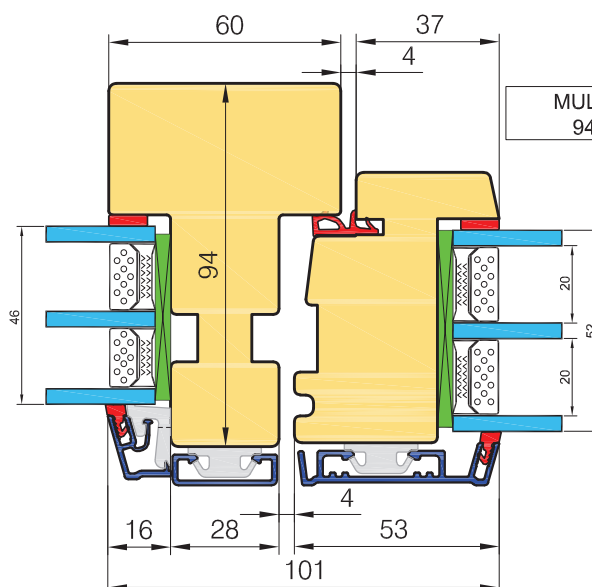
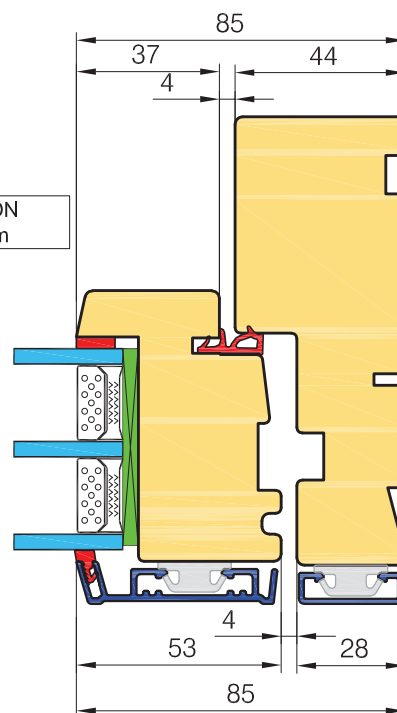


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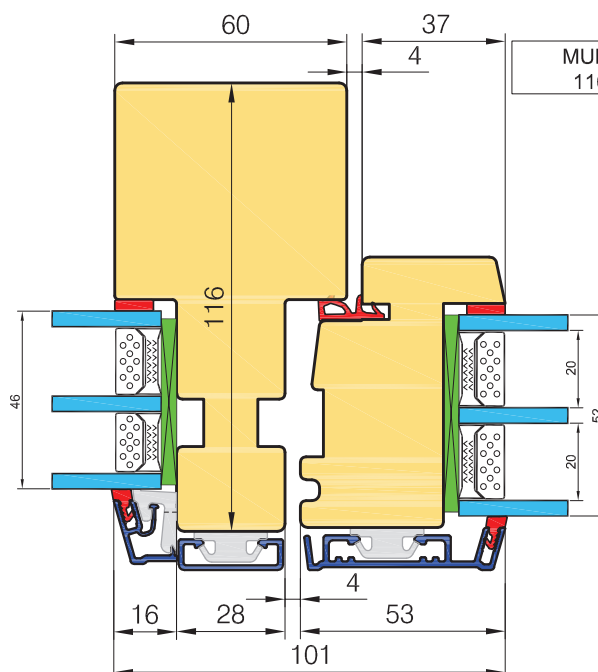




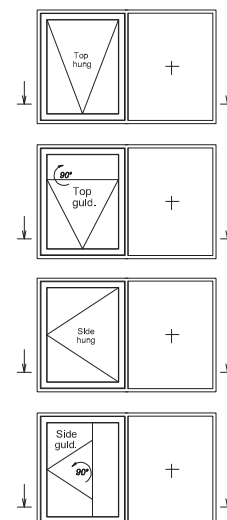
MULLION
105mm

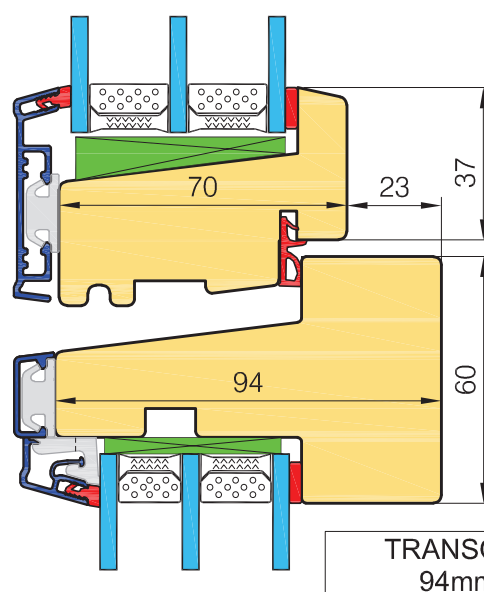
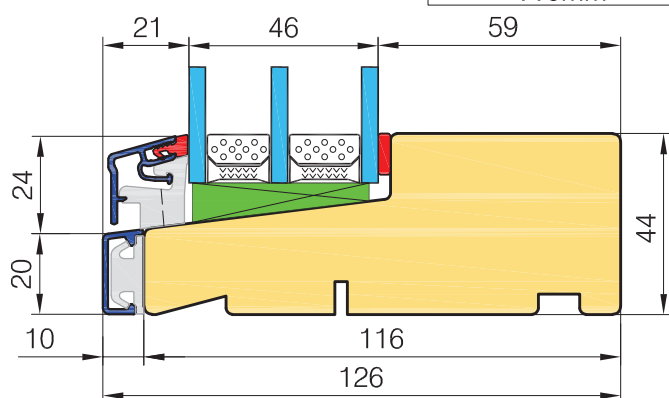
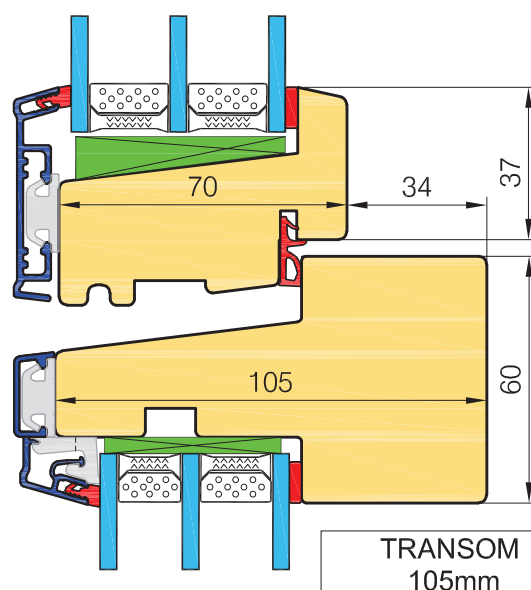
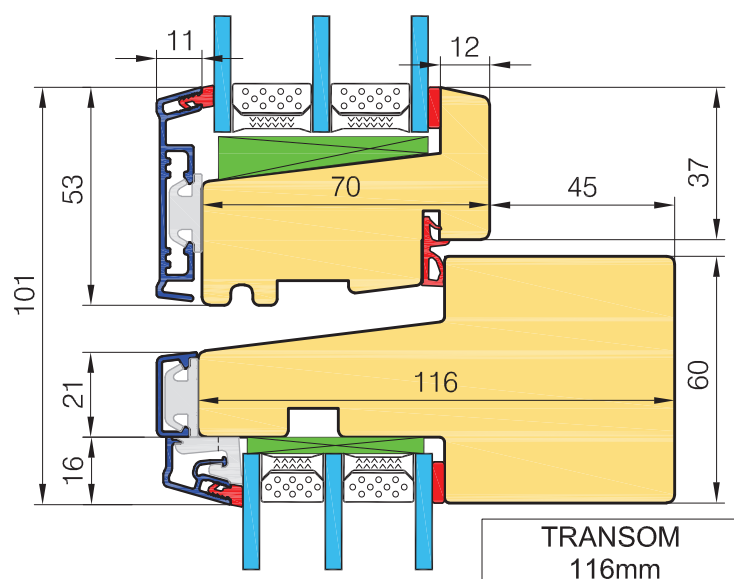
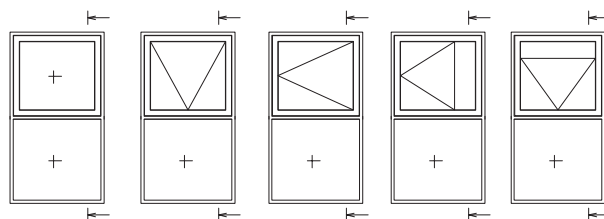
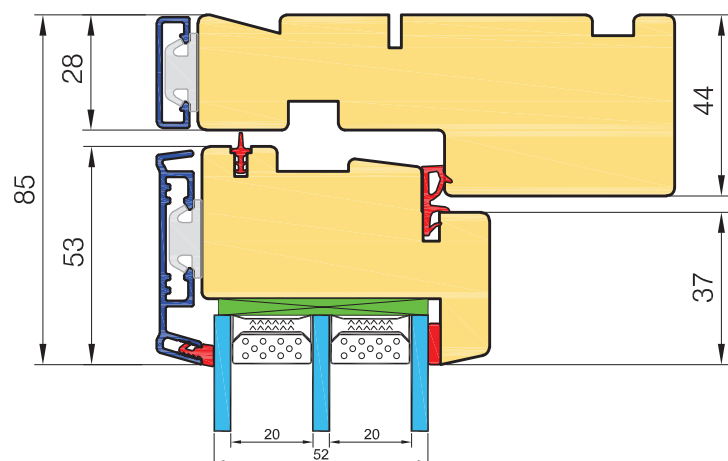


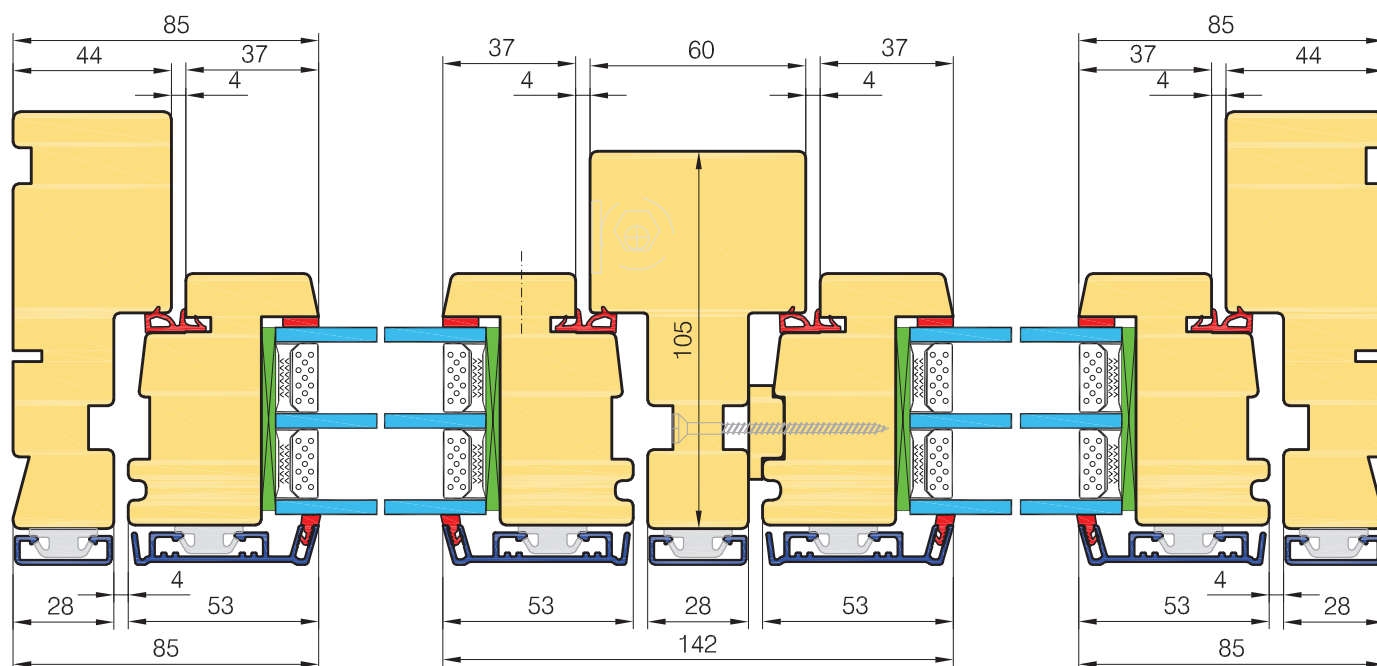
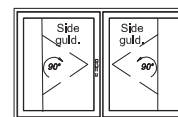
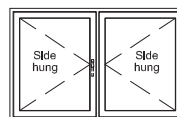
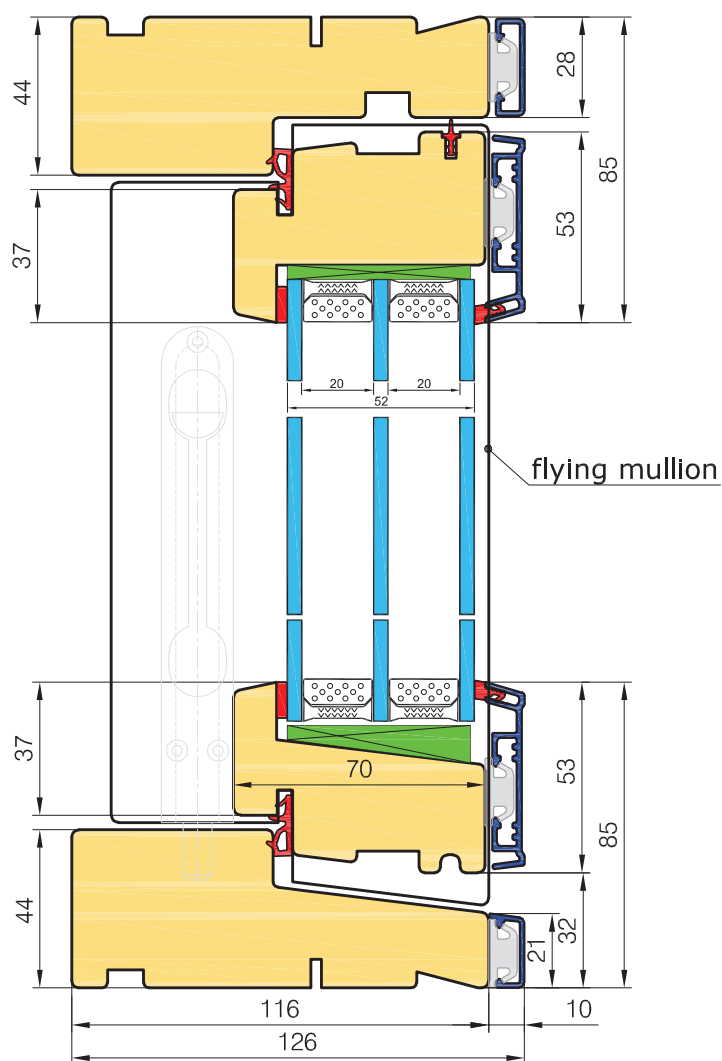
MULLION
94mm



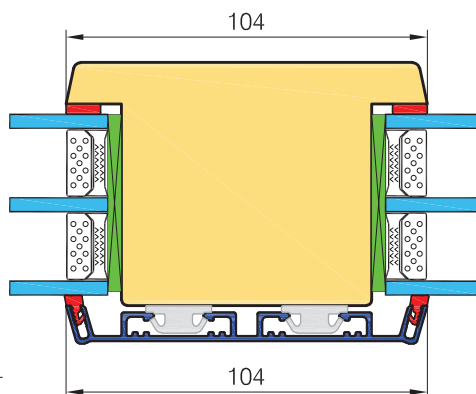
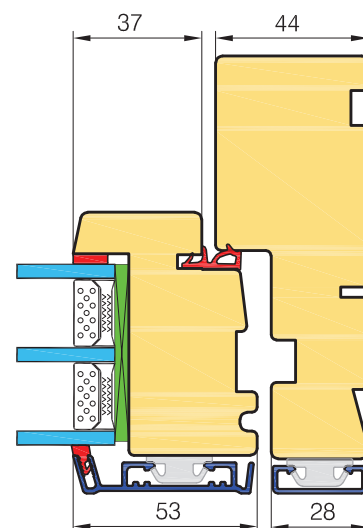
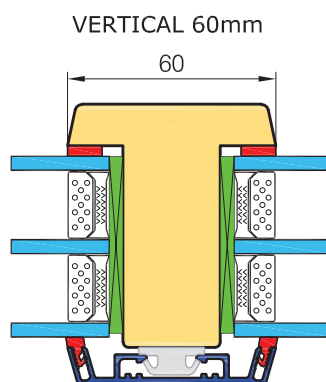
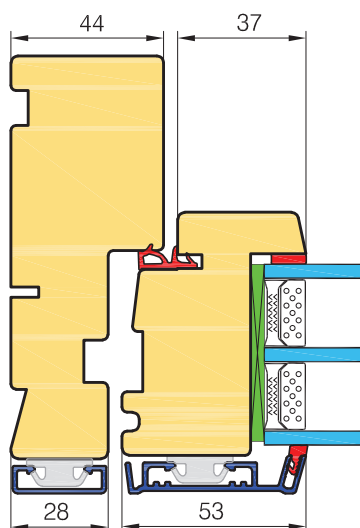
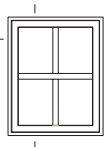
MULLION
116mm



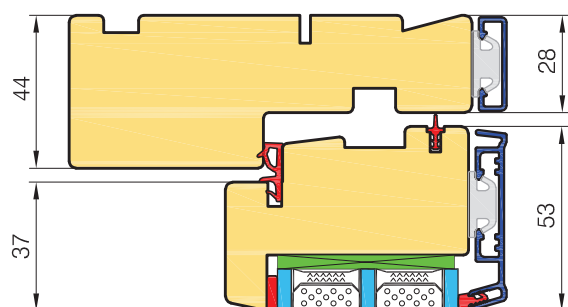




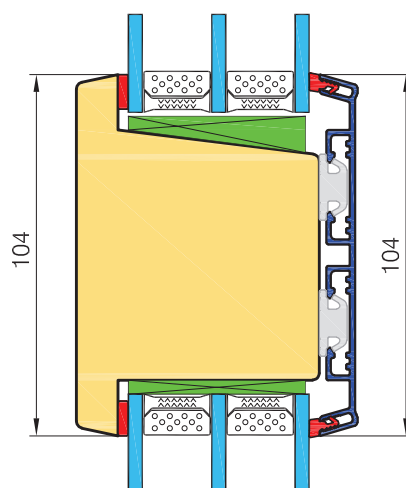
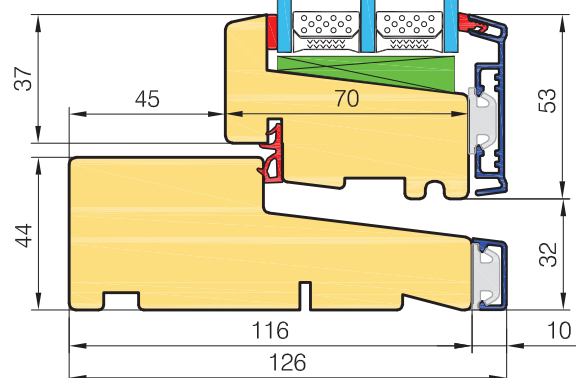
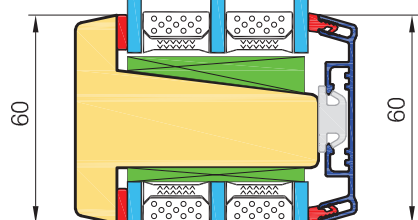
OPTIMA ALU - Profile SOFT - glass dividing 60mm, 104mm



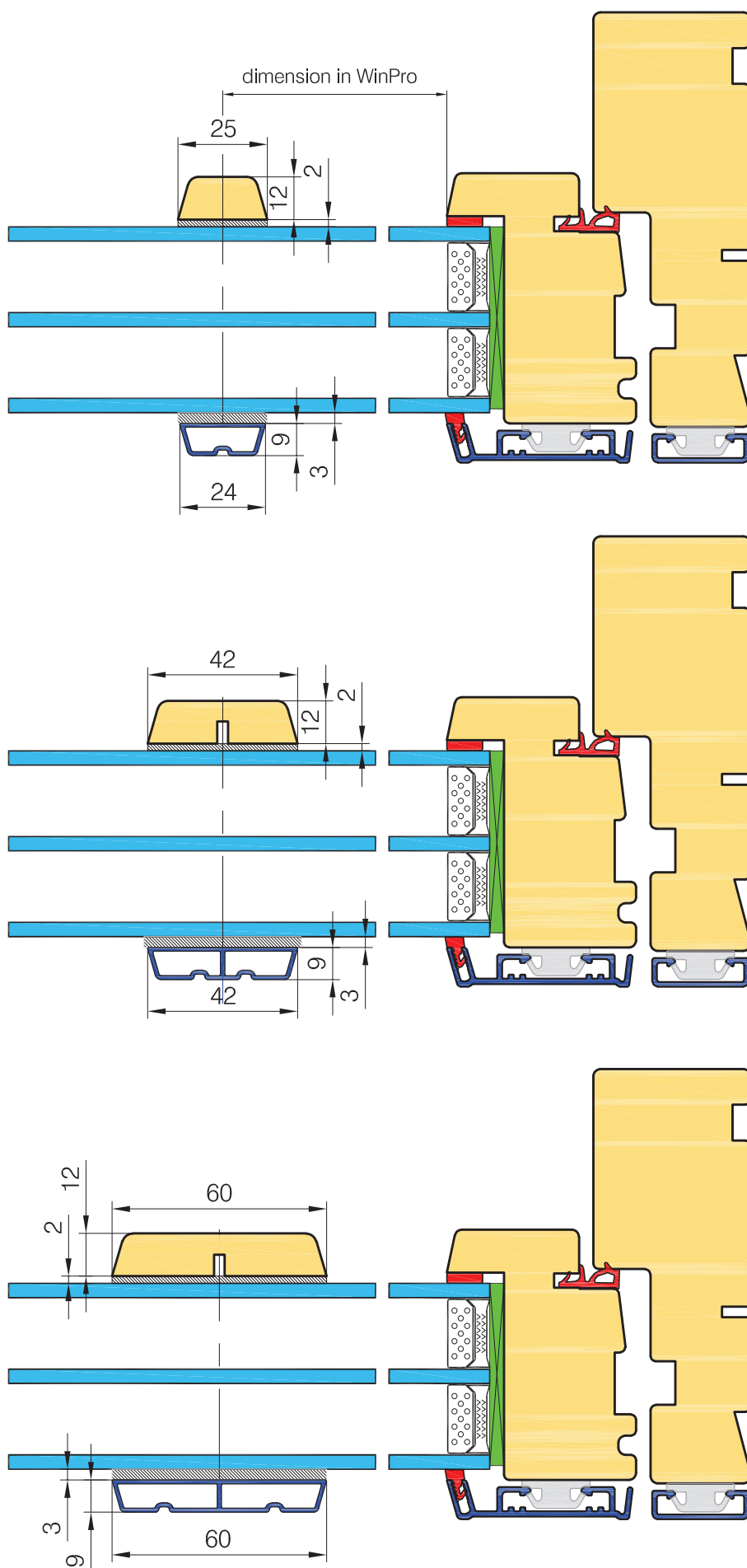
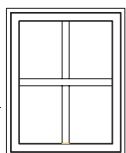
VERTICAL 104mm



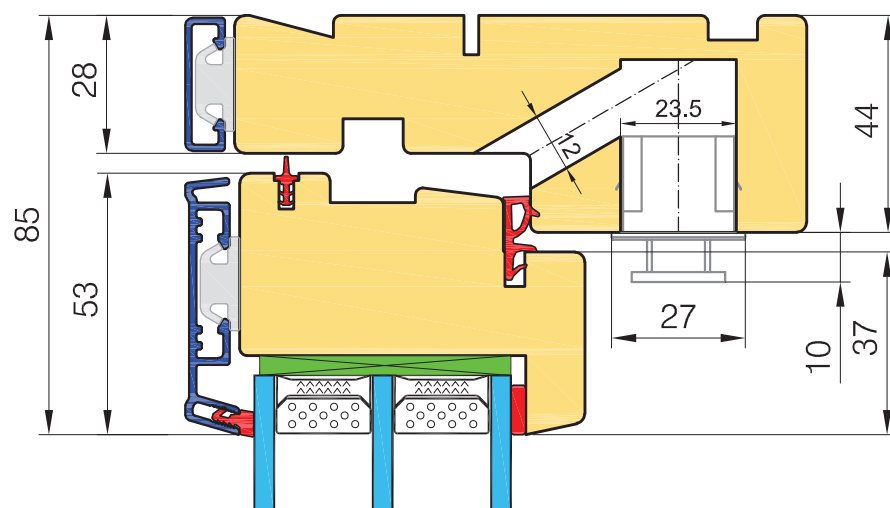
HORIZONTAL 60mm



HORIZONTAL 104mm

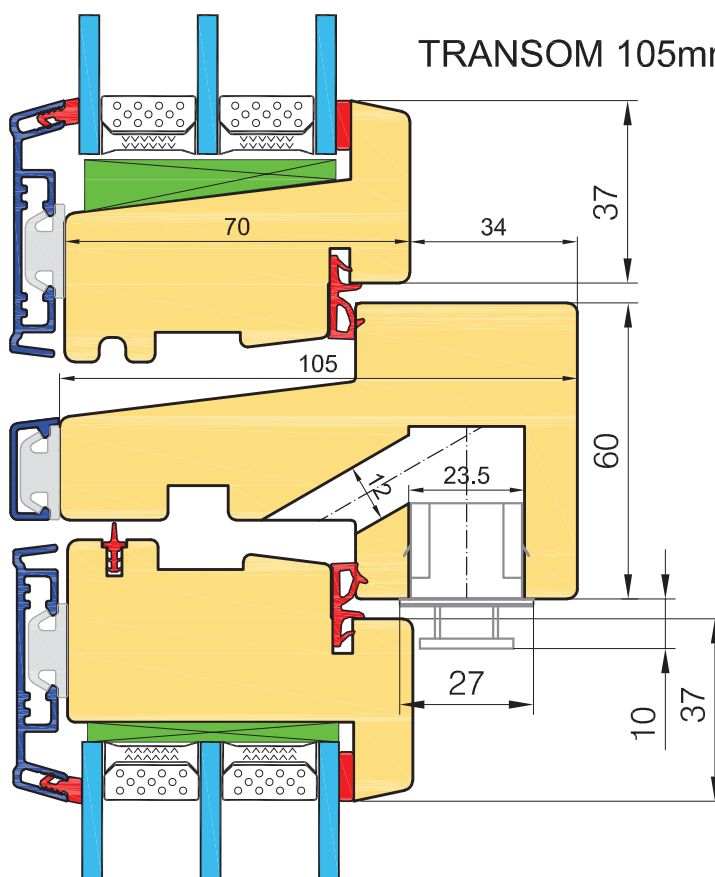


OPTIMA ALU - Profile SOFT - CLICK VENT.



Click Vent 268 white or gray,
Click Vent 343 white or gray,

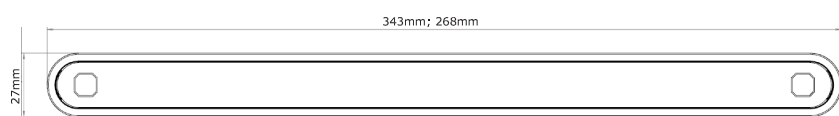
TRANSOM 105mm

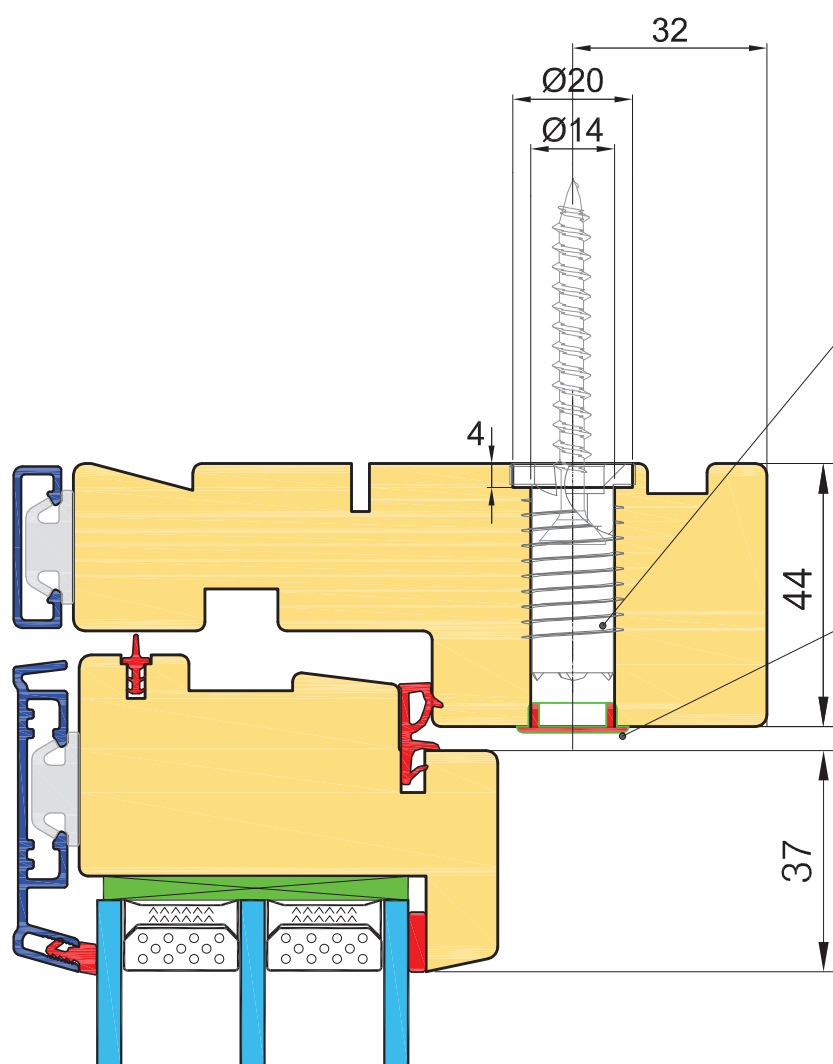


Closed

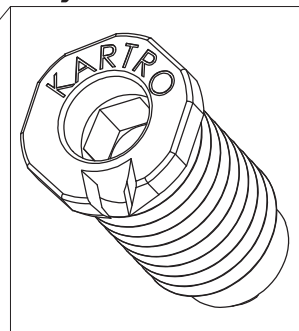


Open

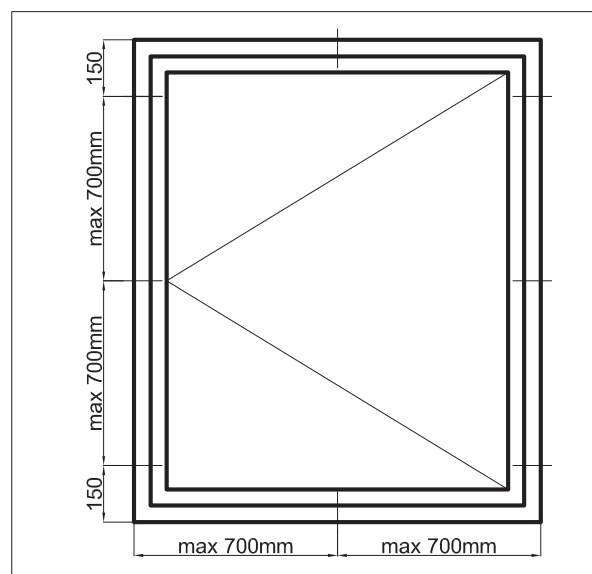
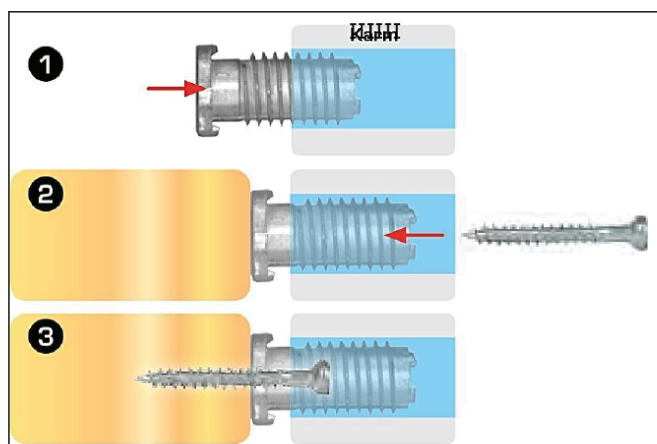
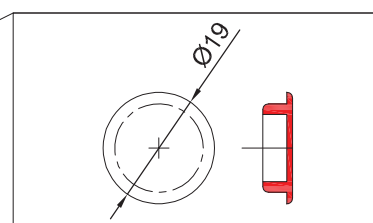


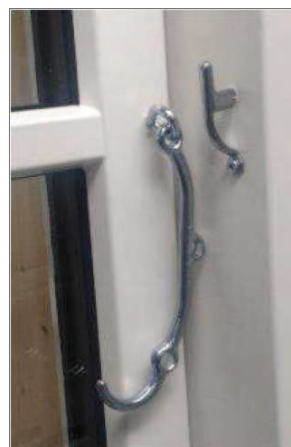


Adjufix

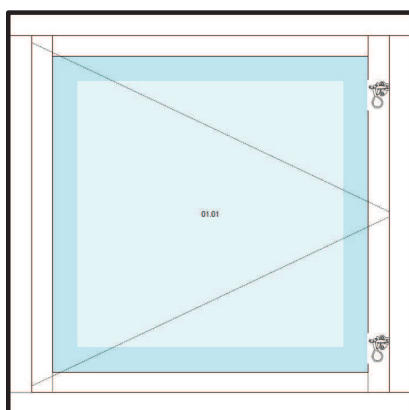


PVC plug

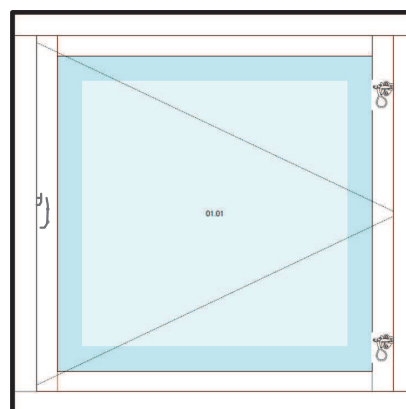




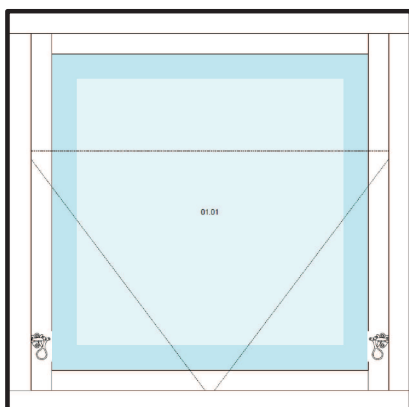
Hook stopper
(on the hinge side)



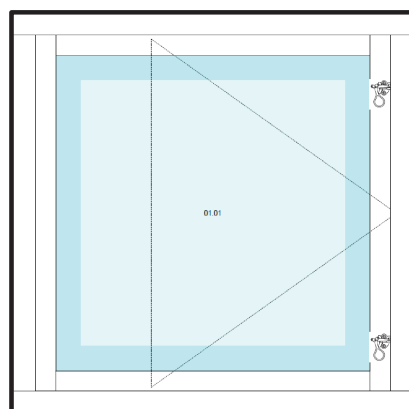
Side hung (OPTA-SH_A)



Side hung (OPTA-SH_A)



Topguided (OPTA-TG_90_A)



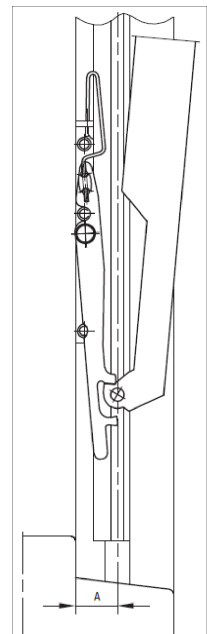
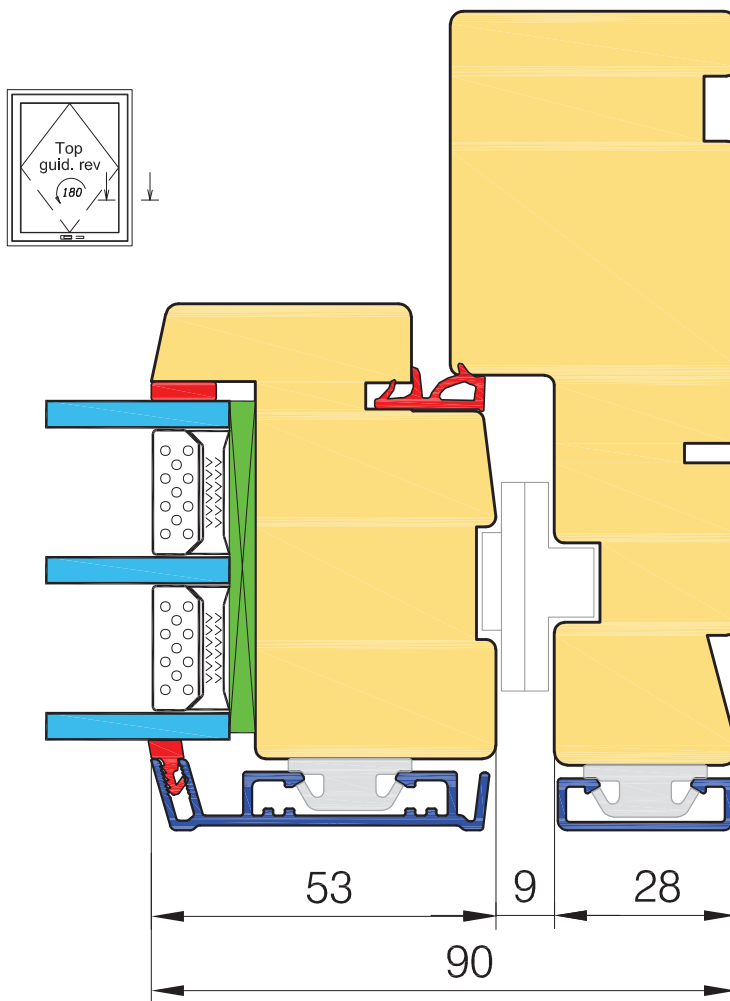
Side Swing (OPTA-SG_90_A)

The restrictor switches on automatically.

The mechanism is fitted as standard in Top Guided Reversible sashes - TG180.

The window sash should be opened until the restrictor blocks further opening

To open and close the window, press the lower part of the safety stop, pull / push the sash to open / close the window.



I

II

III

IV

V



The mechanism can be optionally installed in Top Guided sashes (tilting outwards) - TG90

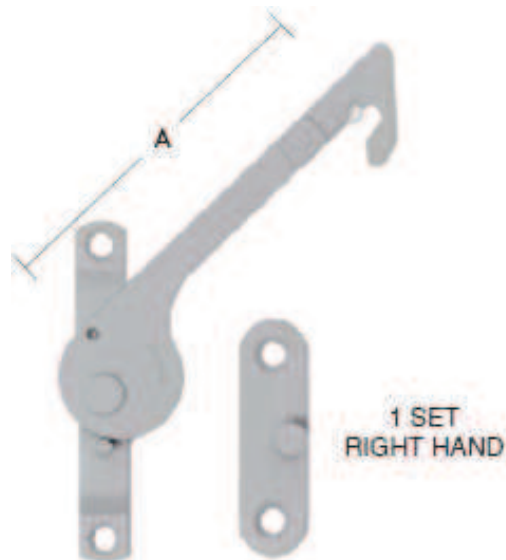
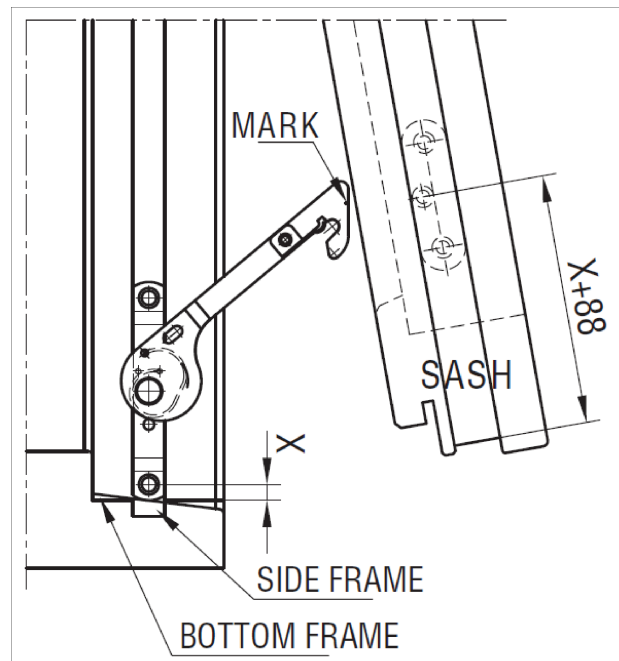
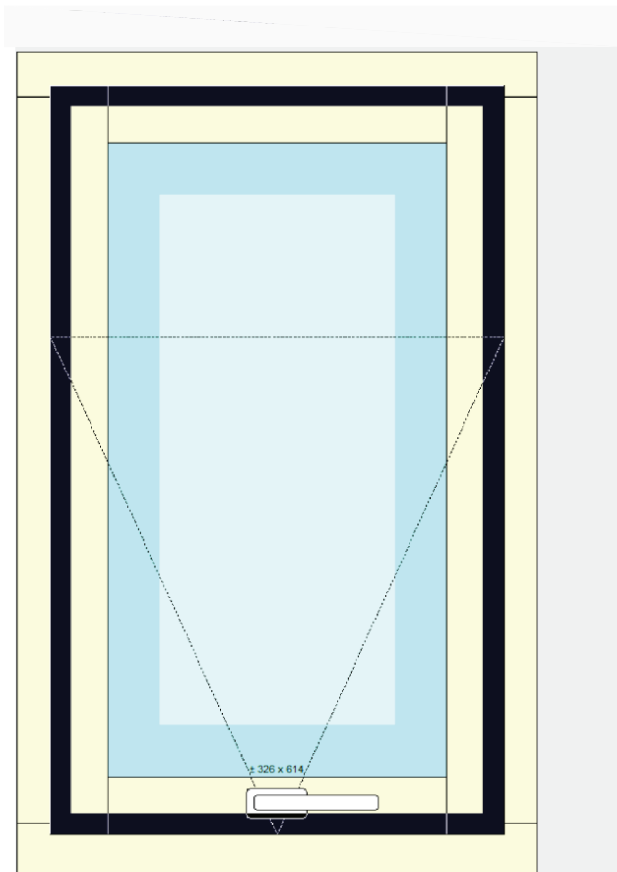
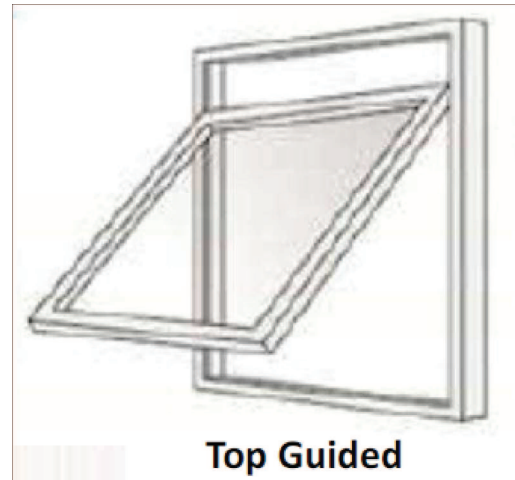
User manual:

Open the window so that the restrictor is in place.

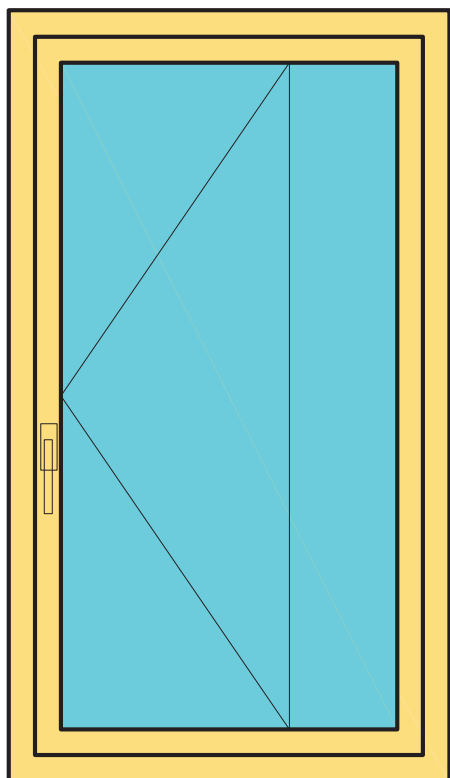
Move the sash 20 mm to the rear.

Push the restrictor arm in the direction of the arrow and open the window.

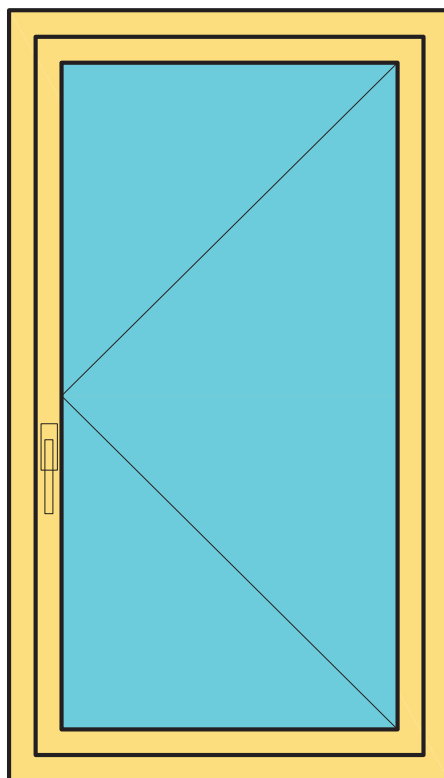
After closing the window, the restrictor is automatically blocked



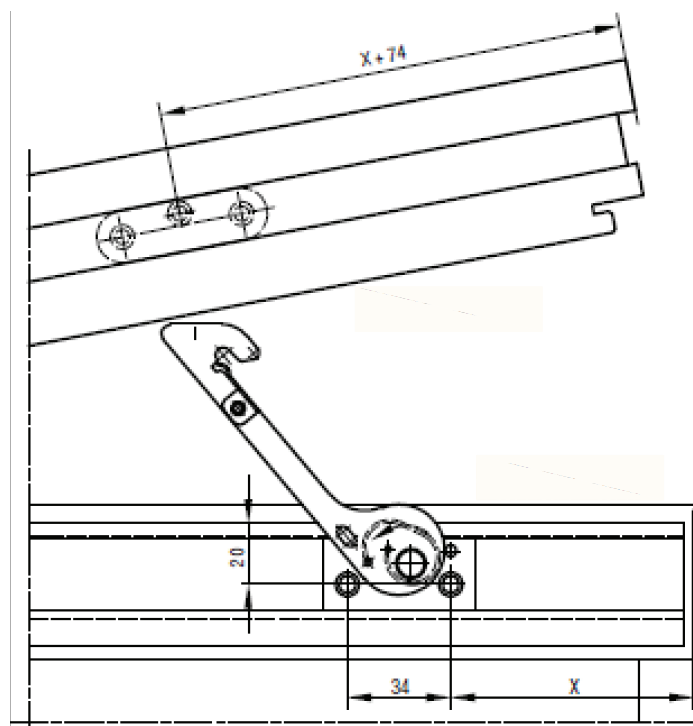
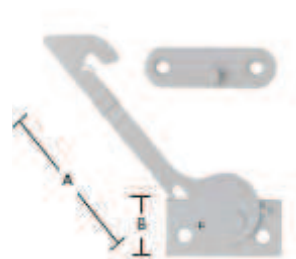
RESTRICTOR

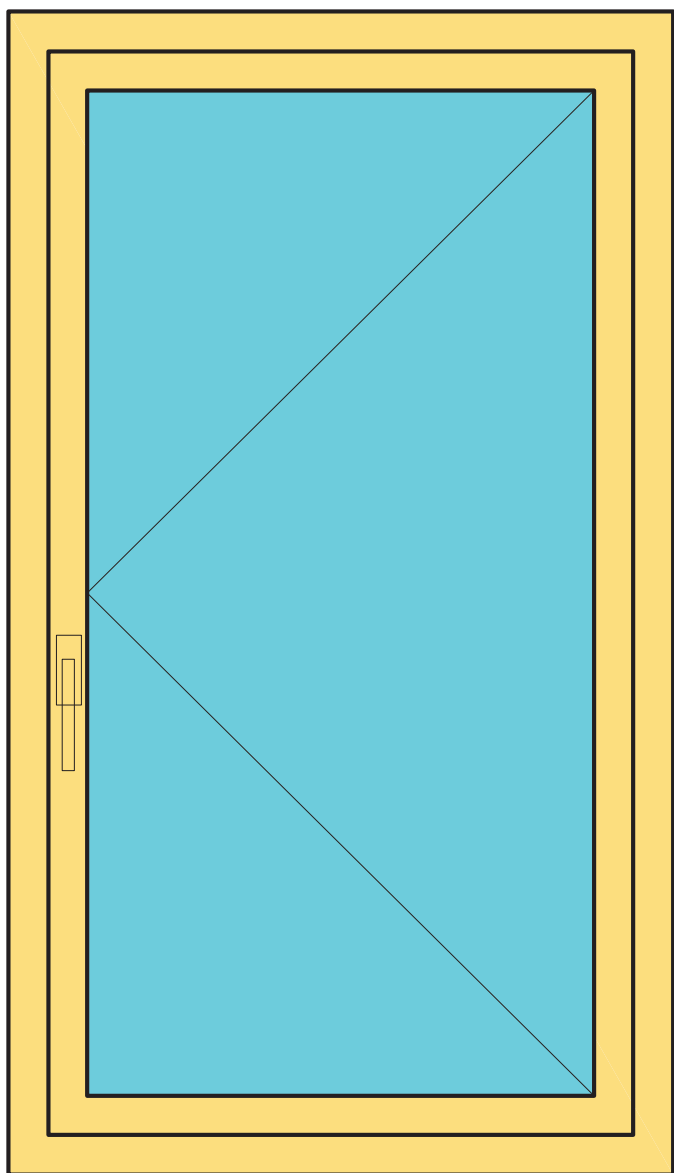


- Side Swing 90,

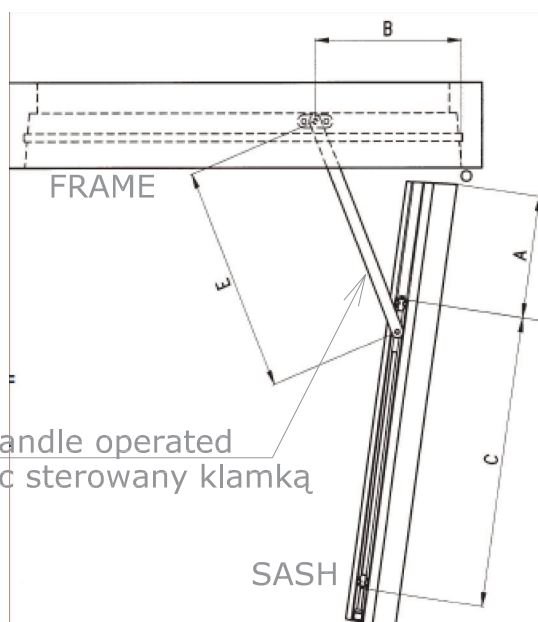
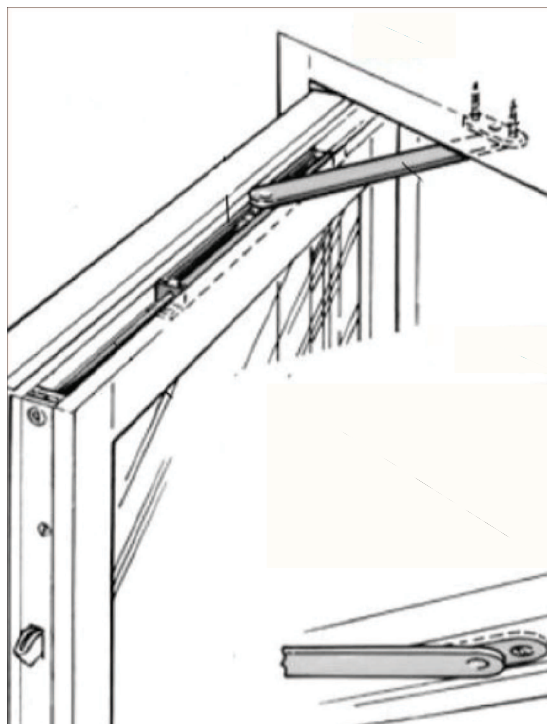


Side hung (SH)

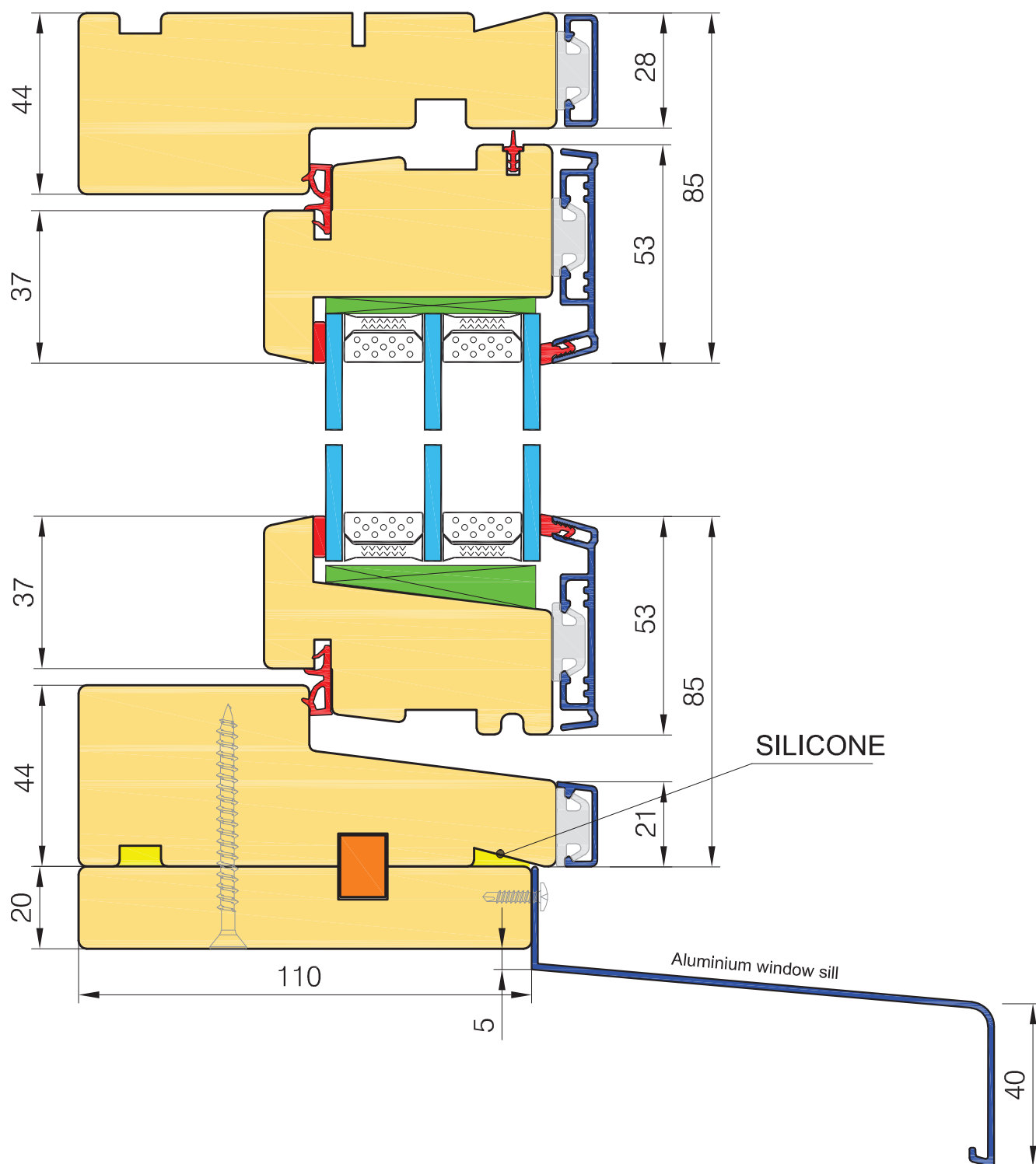


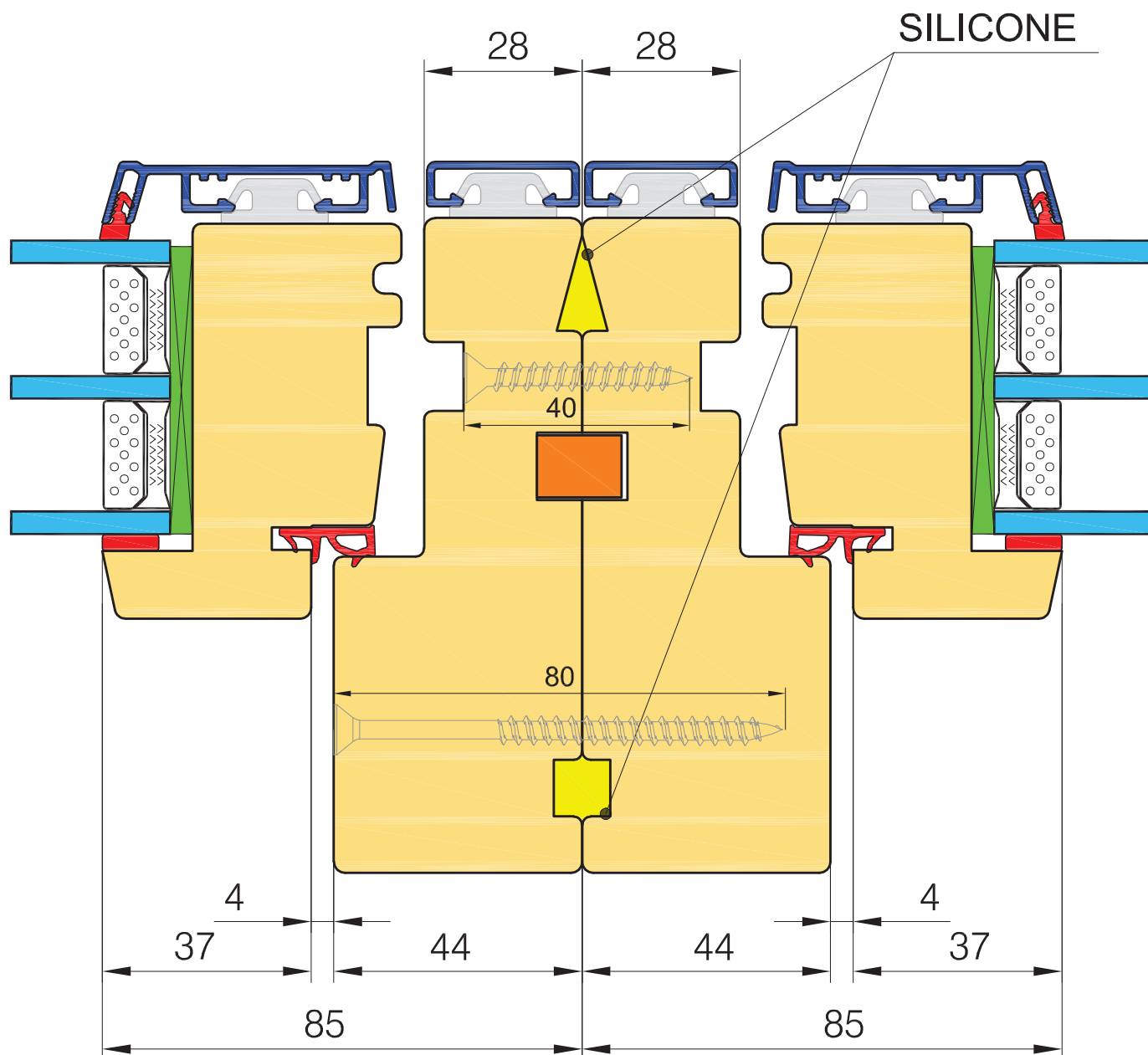
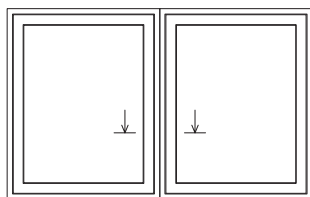


Side hung (SH)



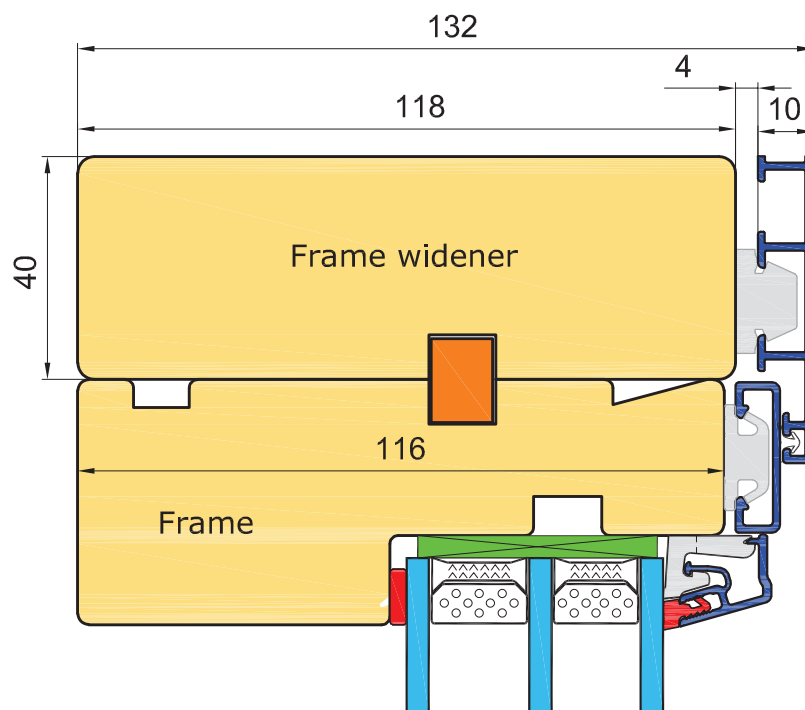
Brake handle operated
Hamulec sterowany klamką



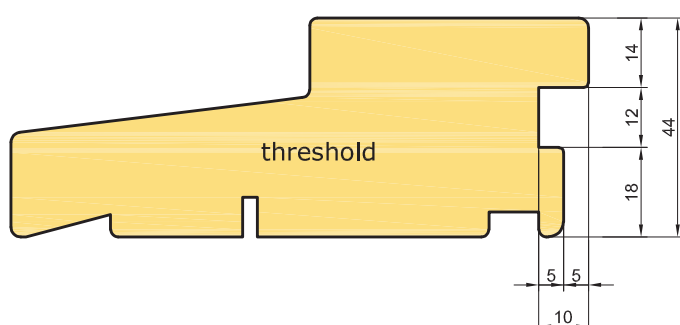
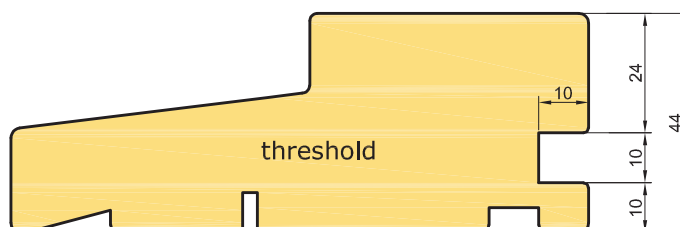
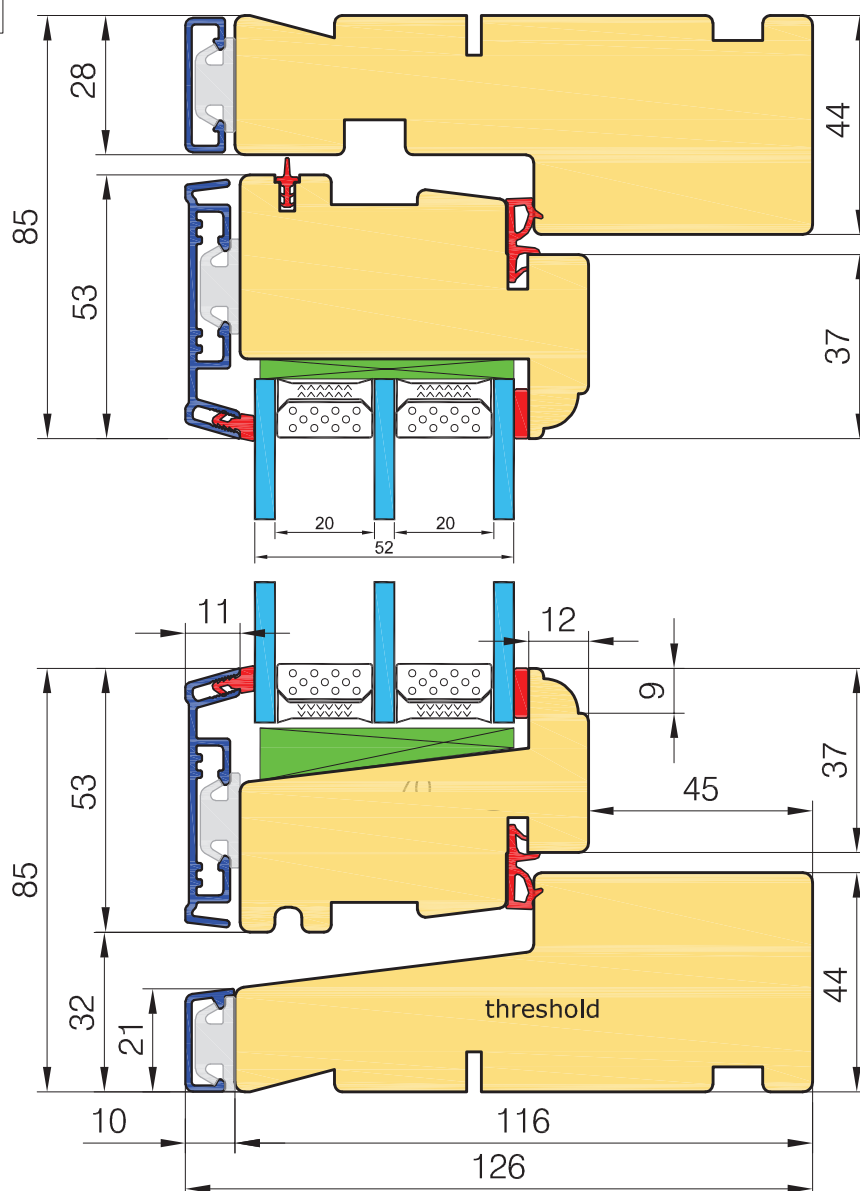
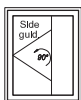
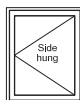
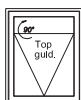
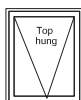


Frame widener:

- 118x30
- 118x50
- 118x60
- 118x70
- 118x80
- 118x90
- 118x100
- 118x110
- 118x120
- 118x130

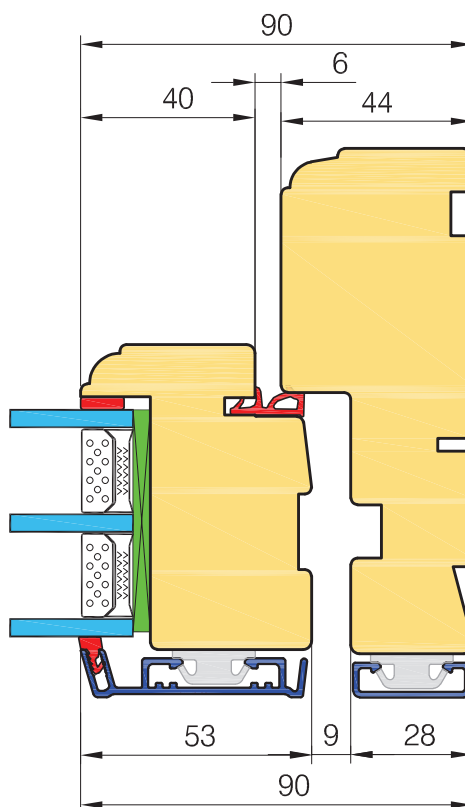
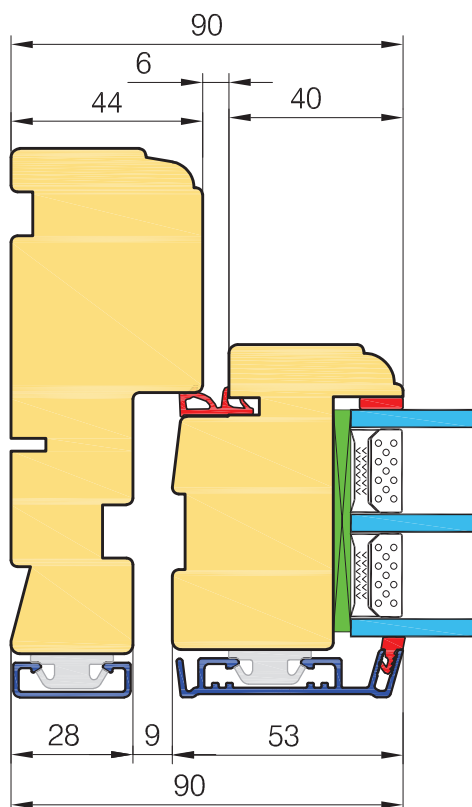
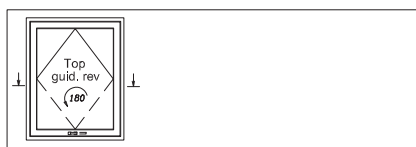
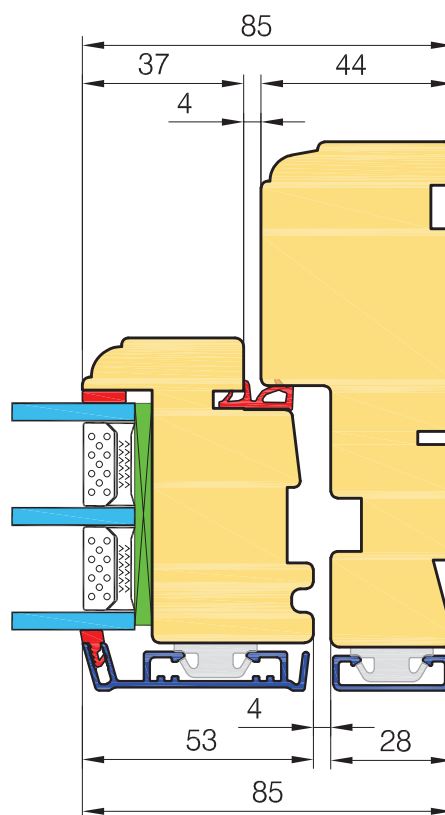
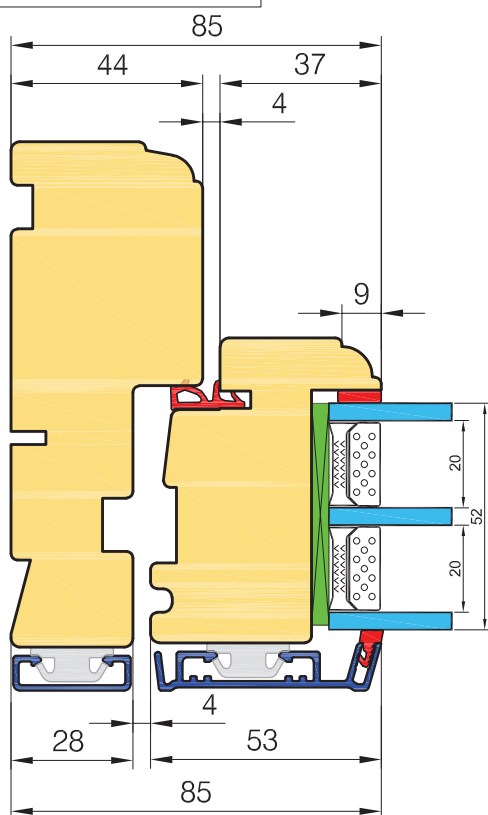
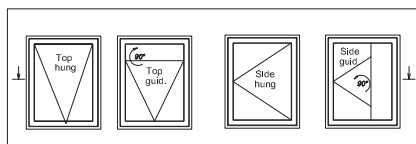


OPTIMA ALU- PROFILE CLASSIC - WINDOWS

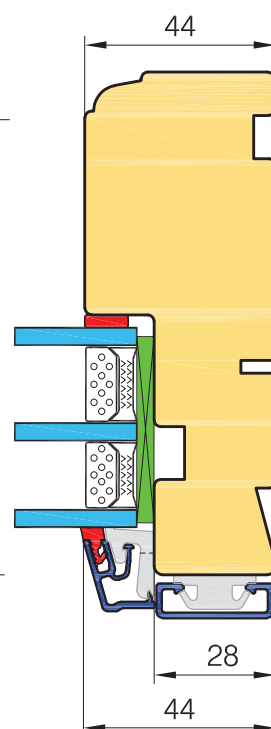
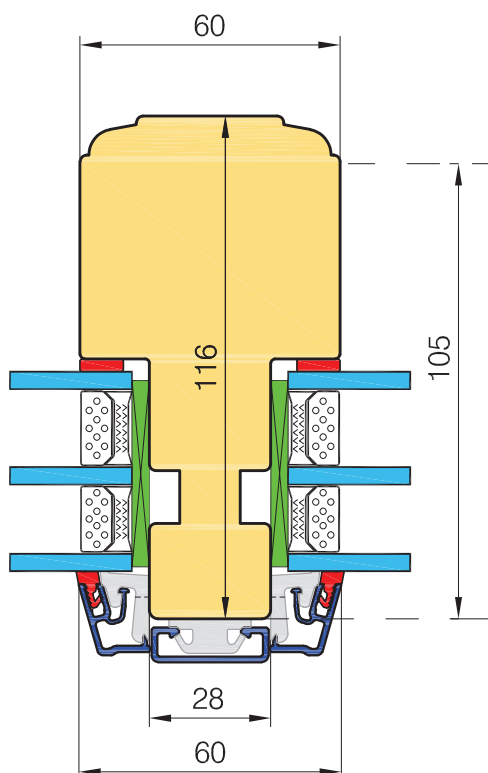
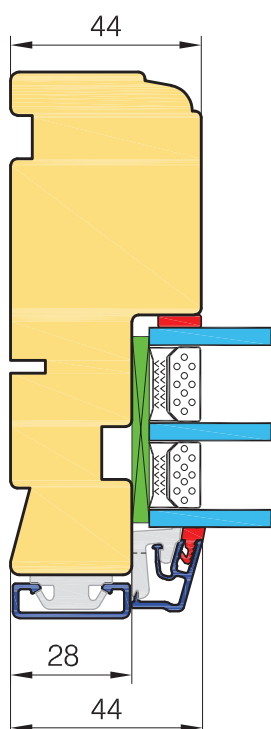
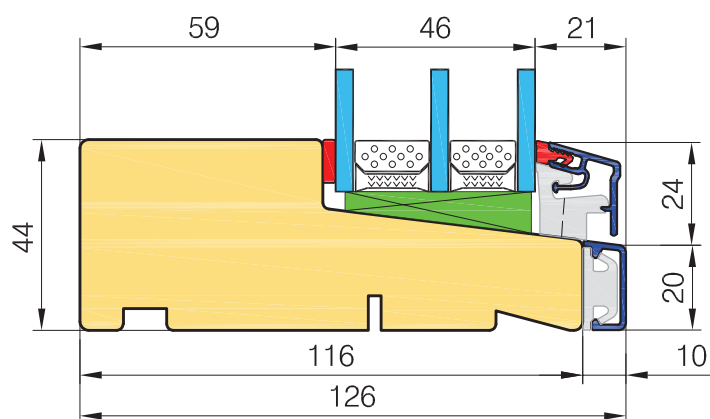
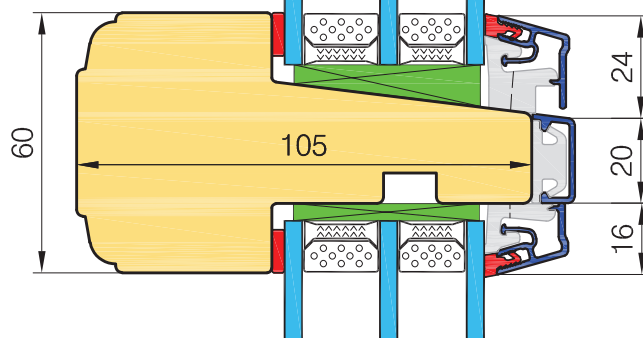
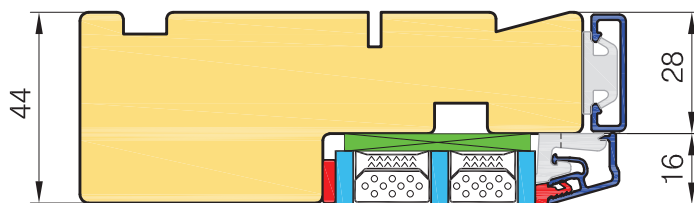
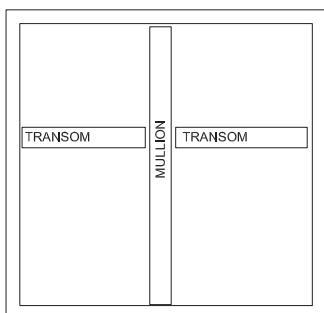


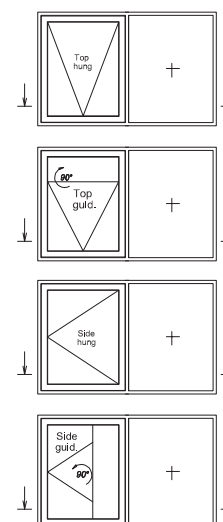
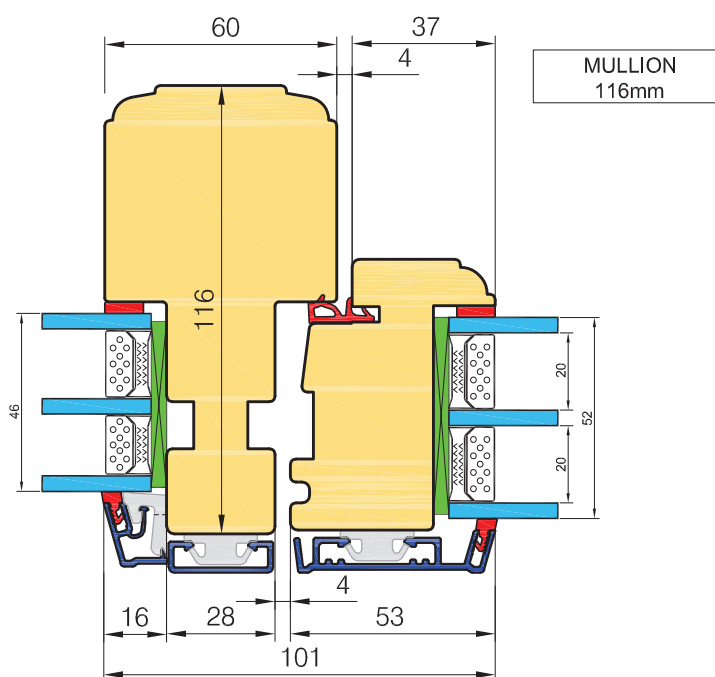
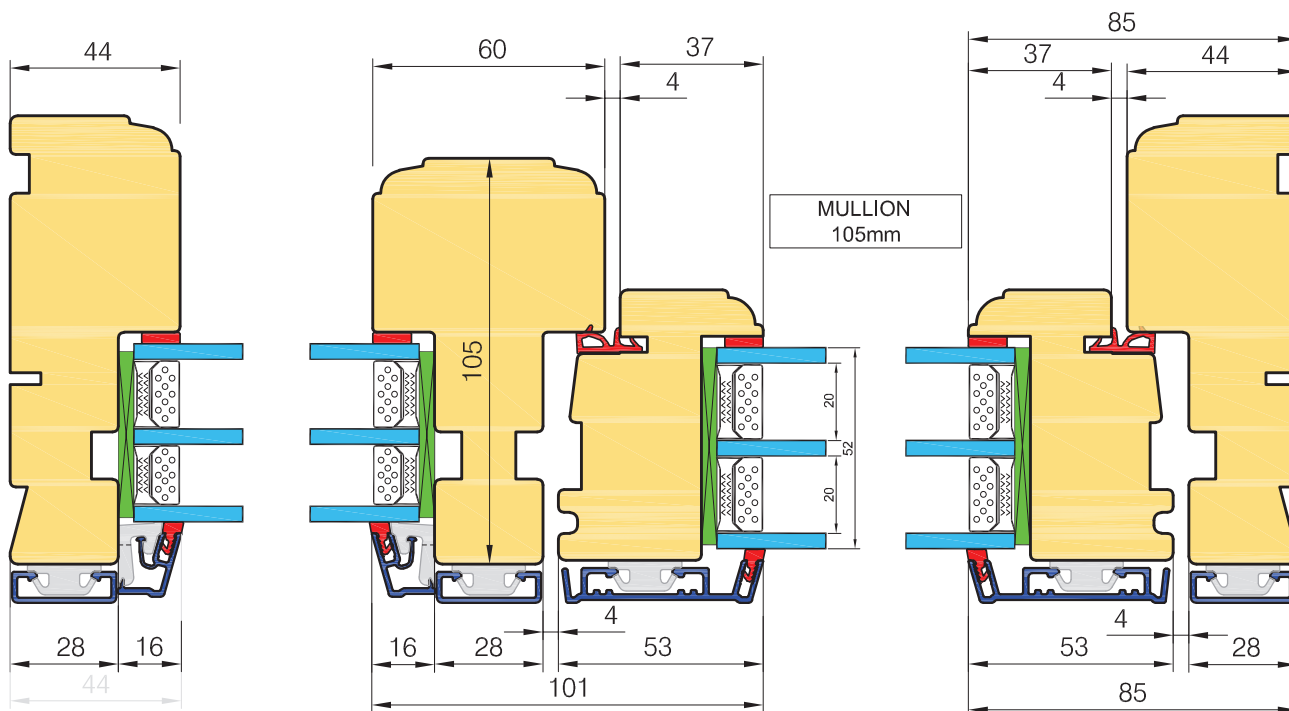
threshold undercutting:

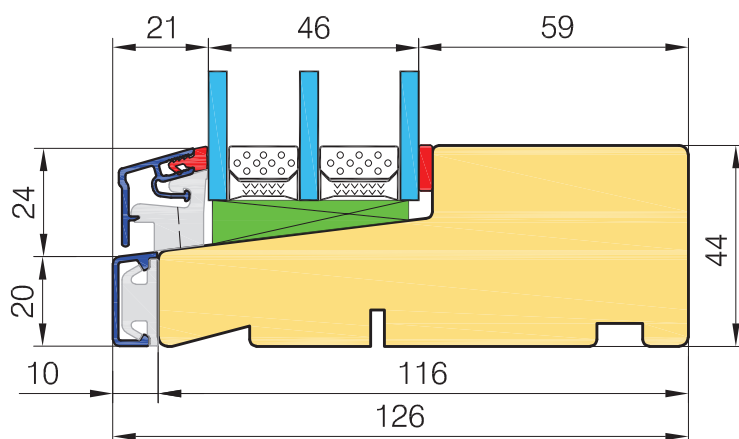
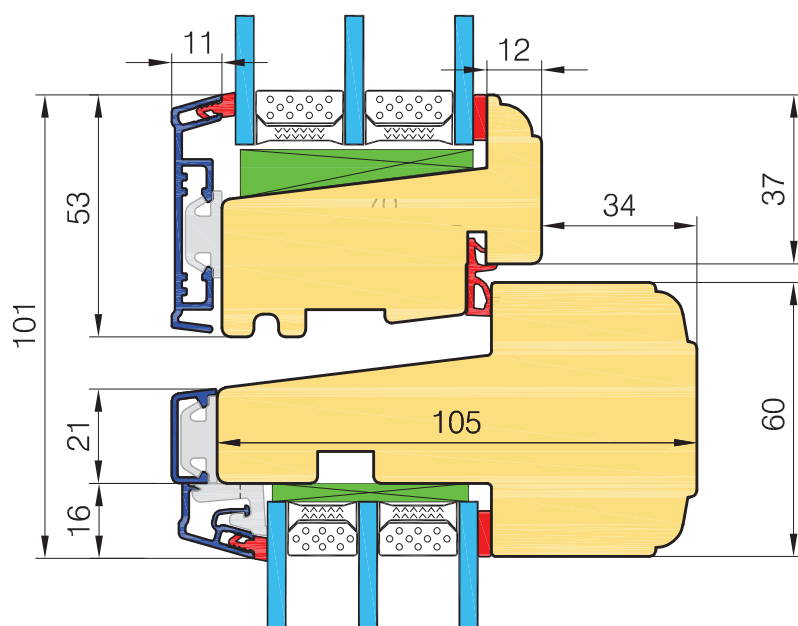
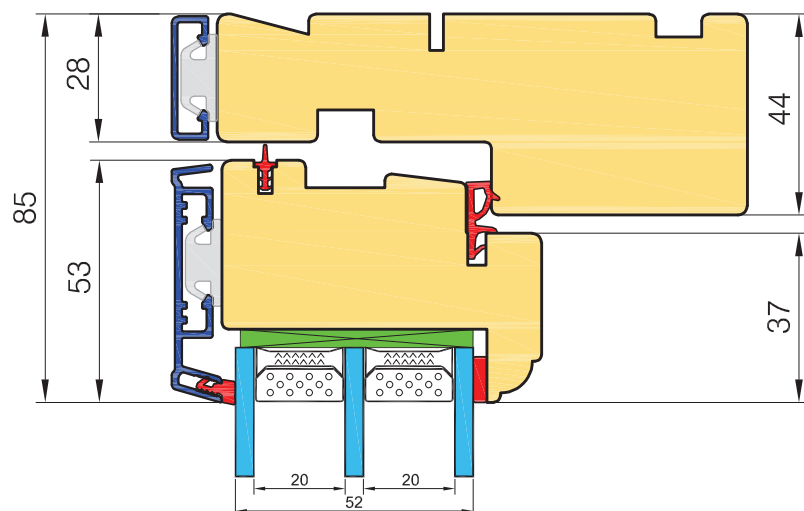
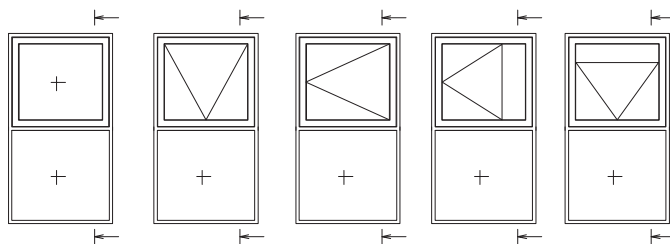
- groove 10x10mm from inside,
- cutting 10x12 mm from inside,



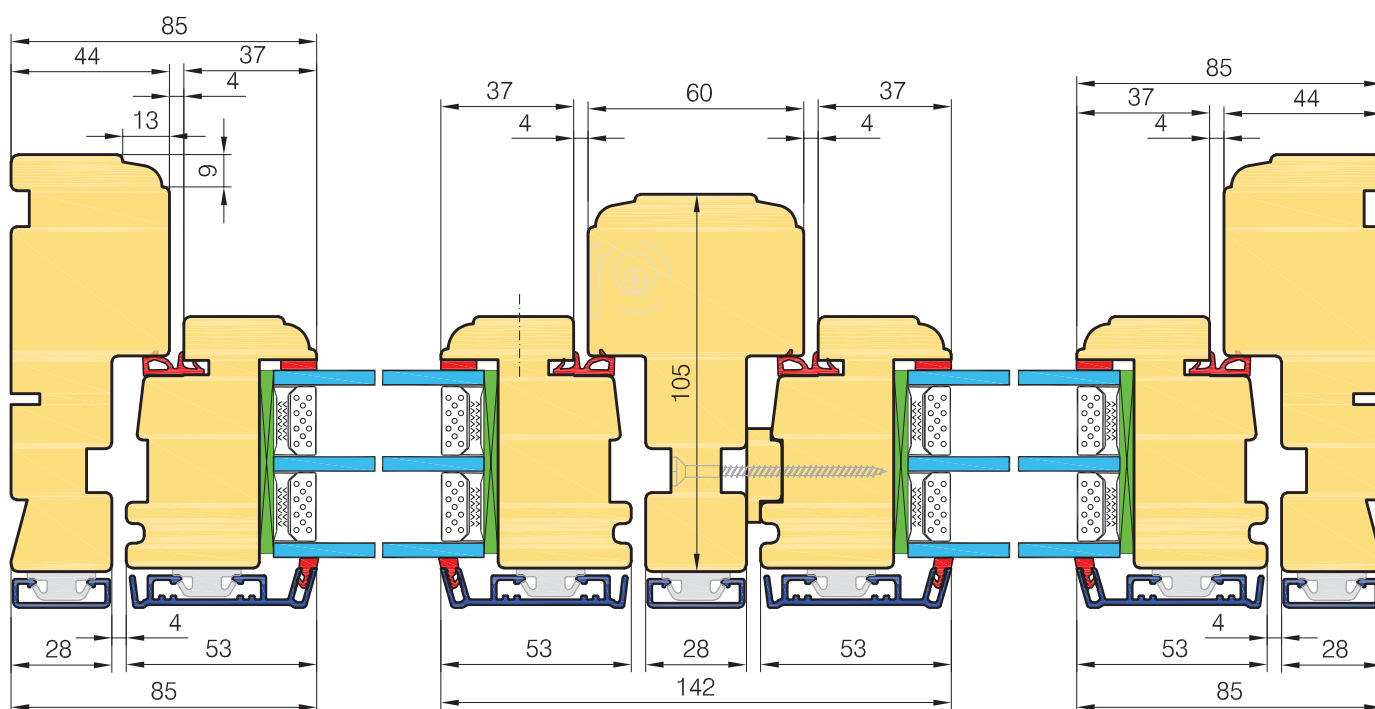
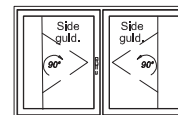
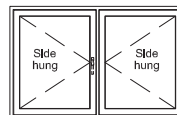
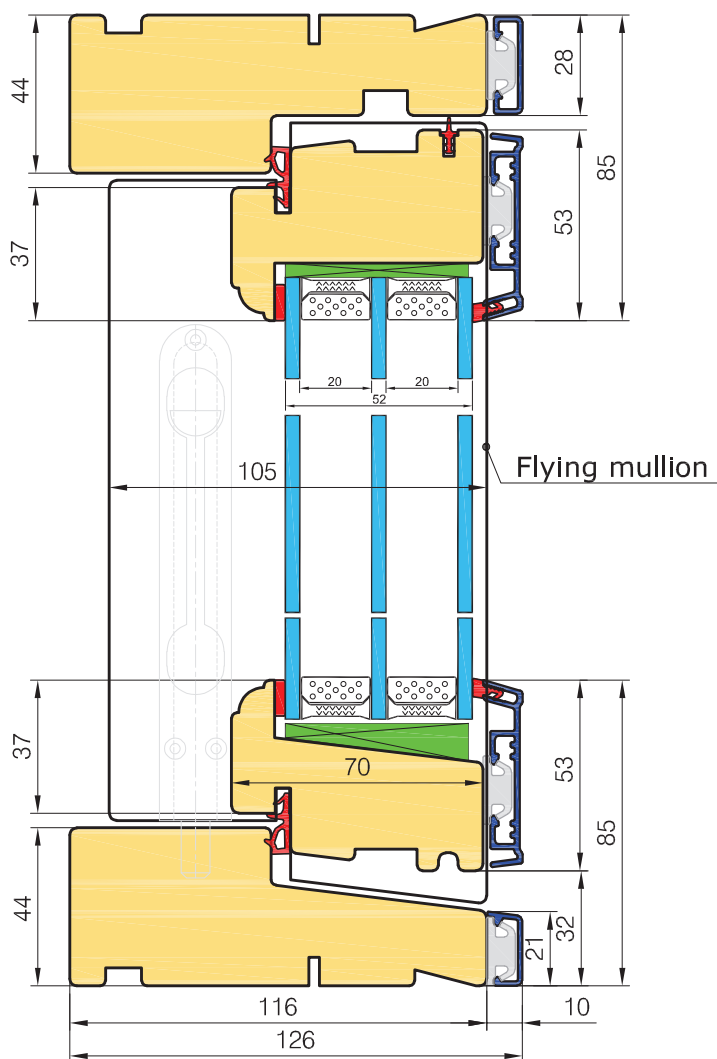
Standard



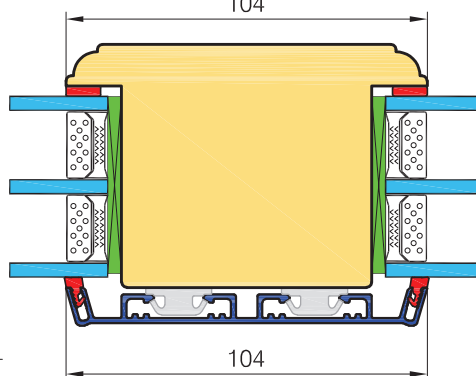
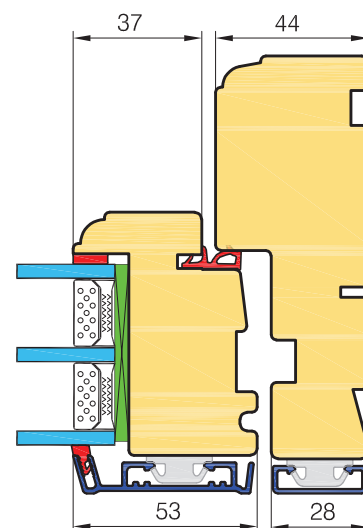
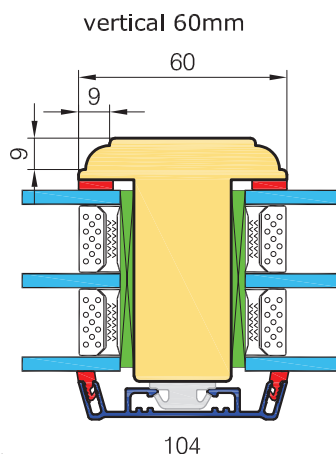
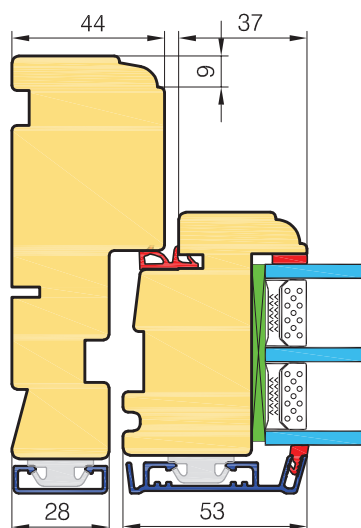
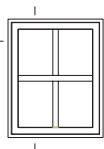




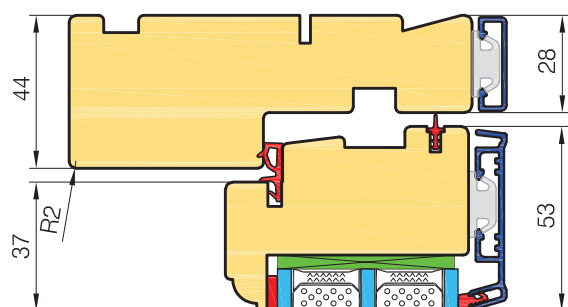
TRANSOM
105mm



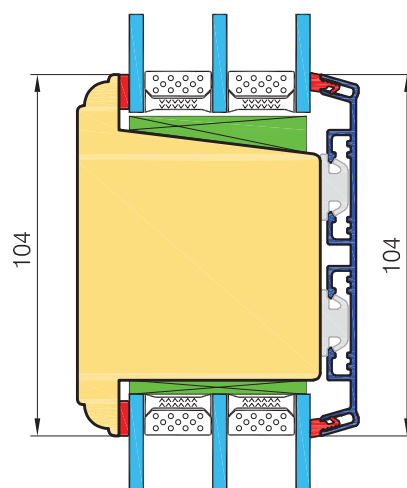
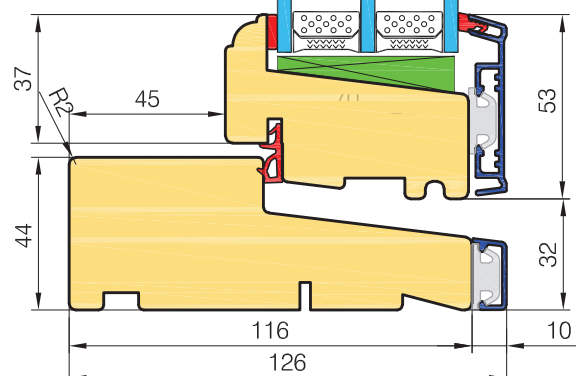
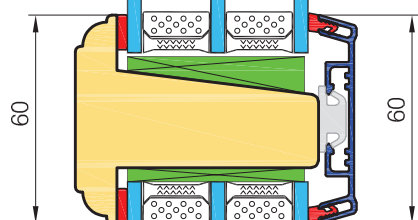
OPTIMA ALU - Profile CLASSIC - glass dividing 60mm, 104mm



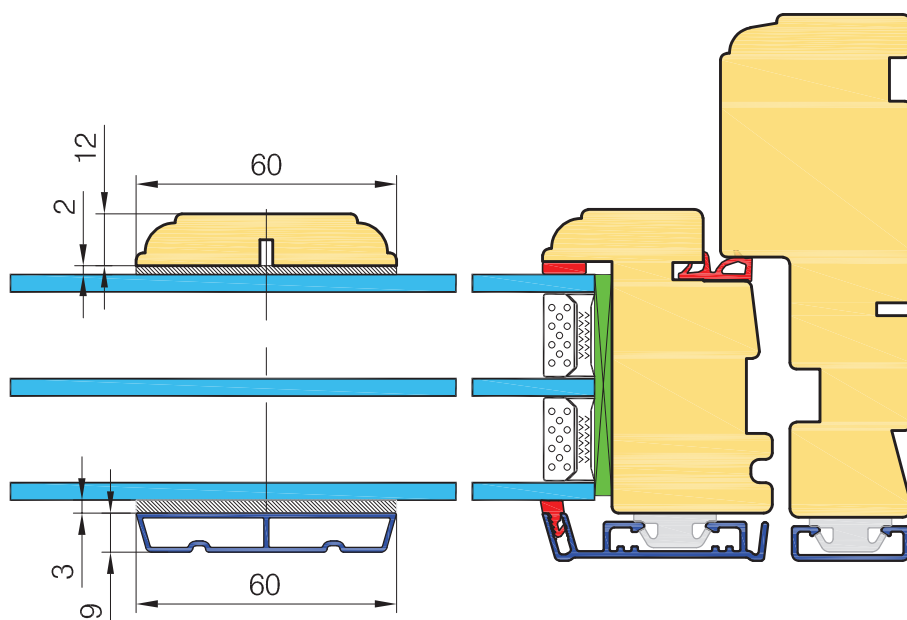
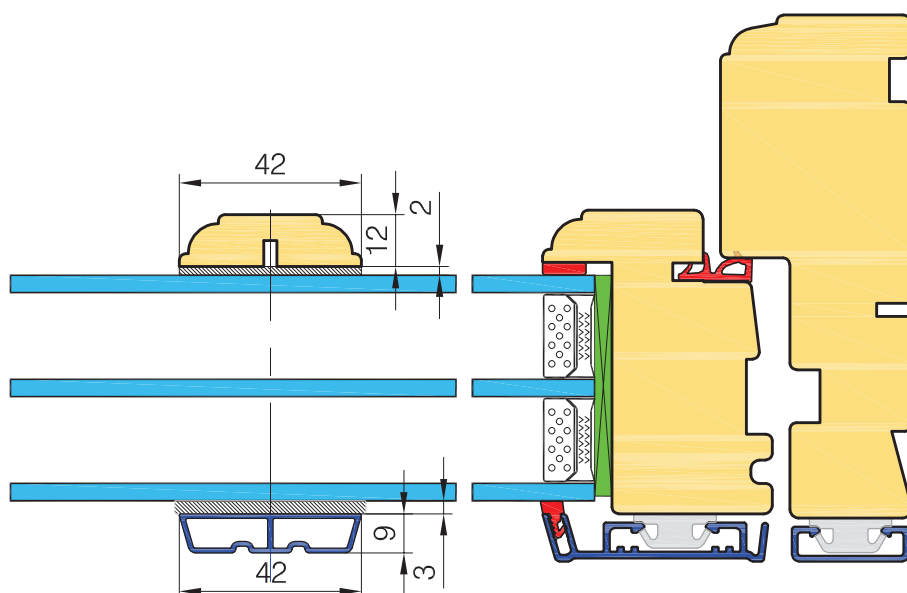
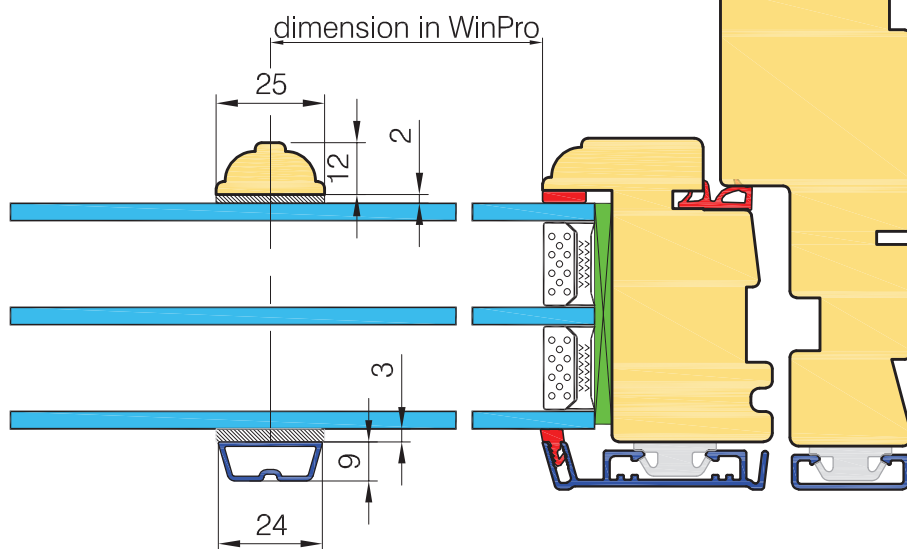
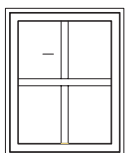
vertical 104mm



horizontal 60mm

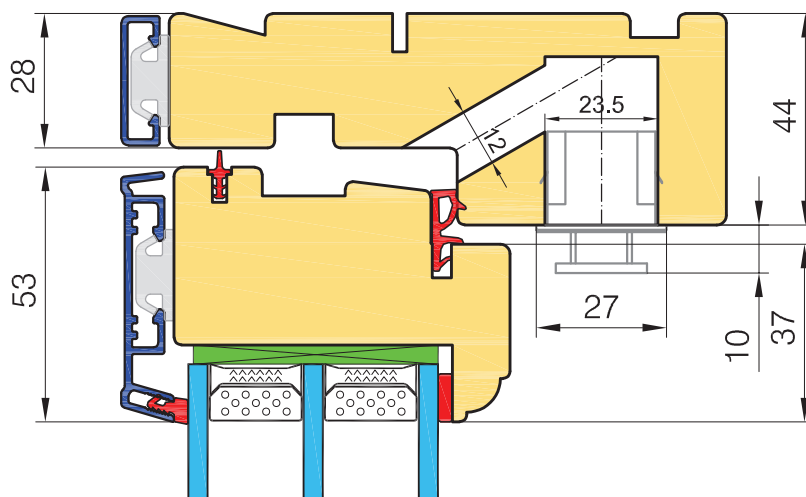


horizontal 104mm

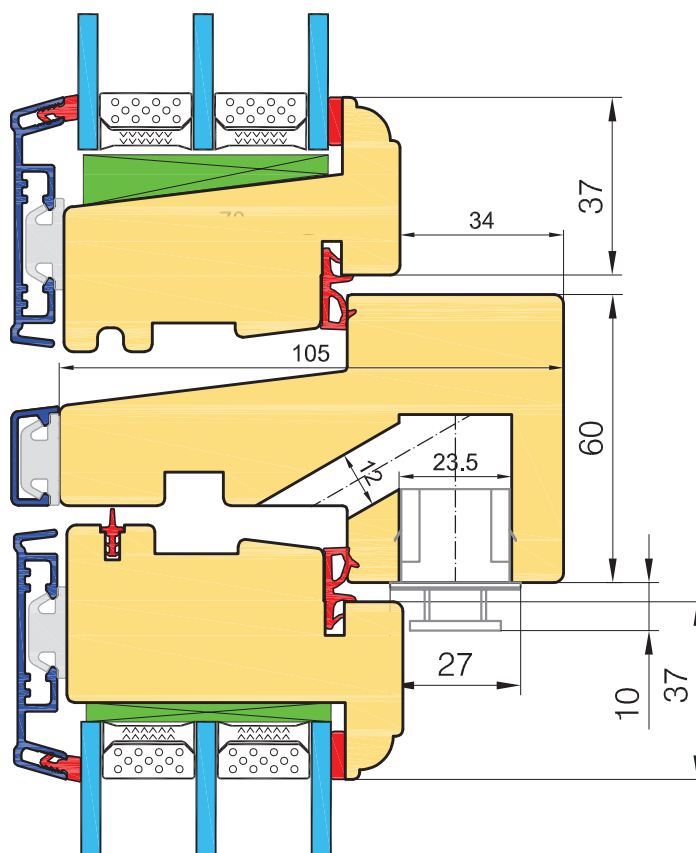


OPTIMA ALU - Profile CLASSIC - CLICK VENT.

Click Vent 268 white or gray,
Click Vent 343 white or gray,



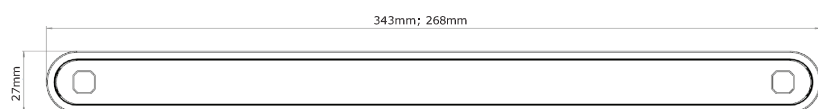
TRANSOM 105mm

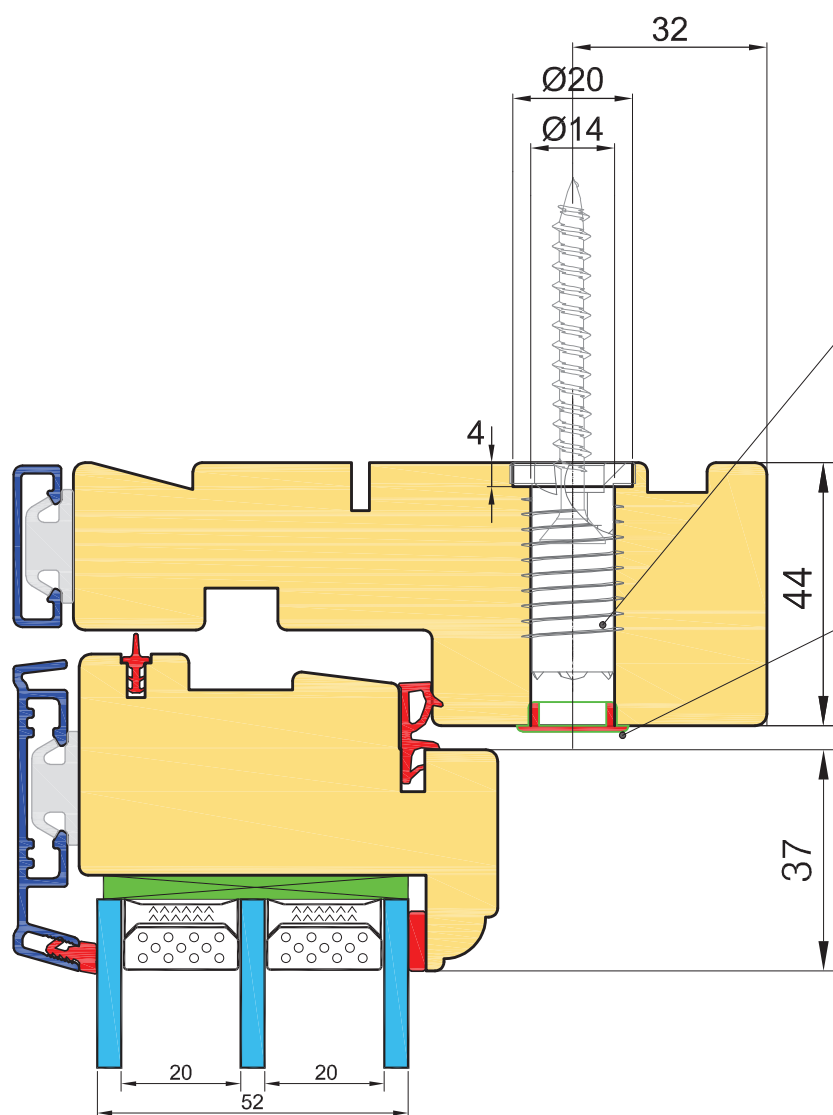


Closed

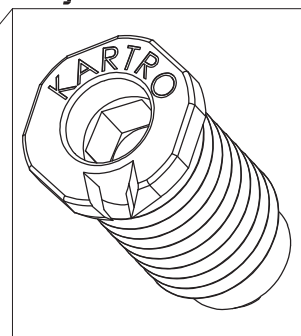


Open

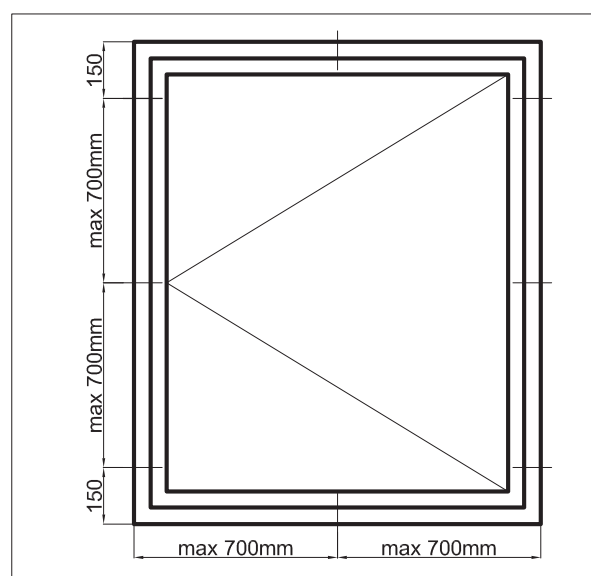
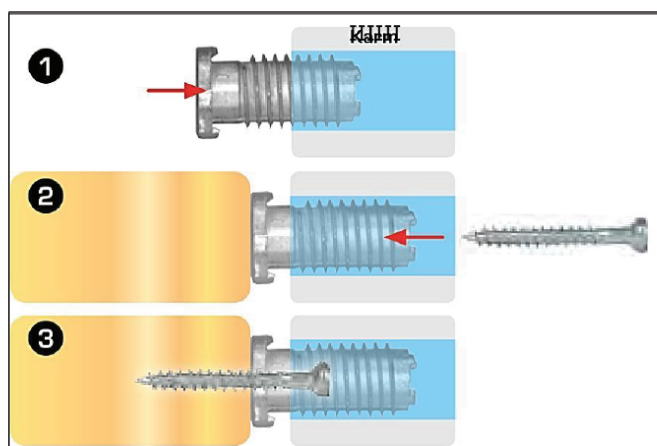
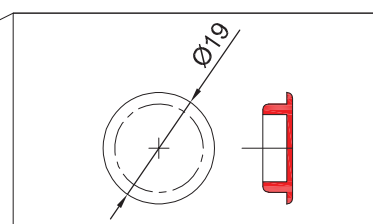


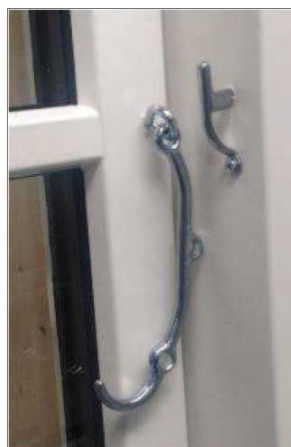


Adjufix

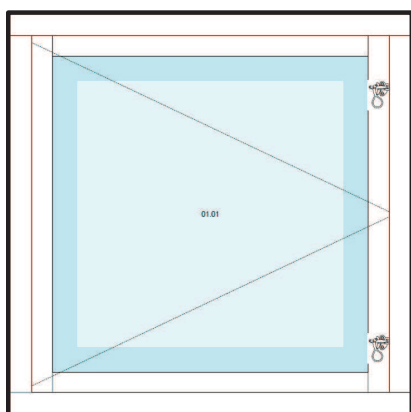


PVC plug

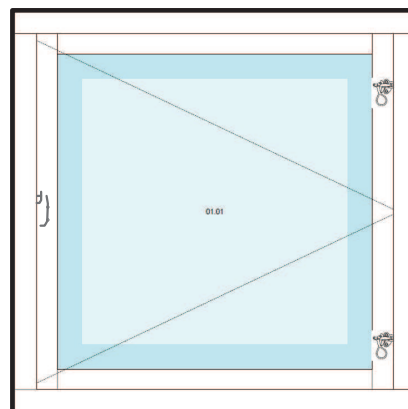




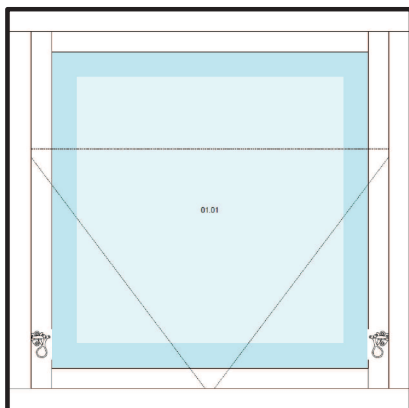
Hook stopper
(on the hinge side)



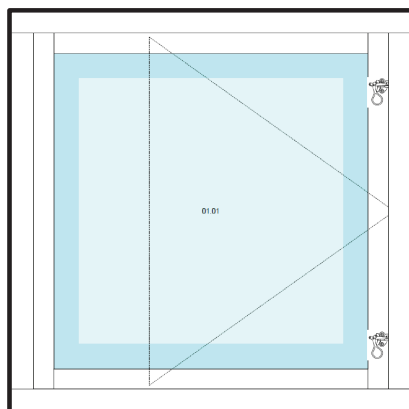
Side hung (OPTA-SH_A)



Side hung (OPTA-SH_A)



Topguided (OPTA-TG_90_A)



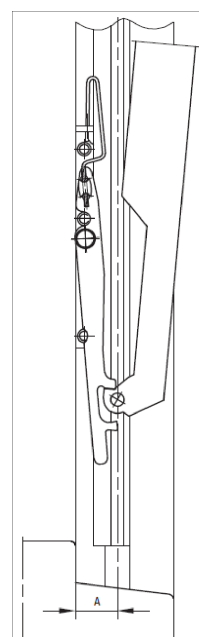
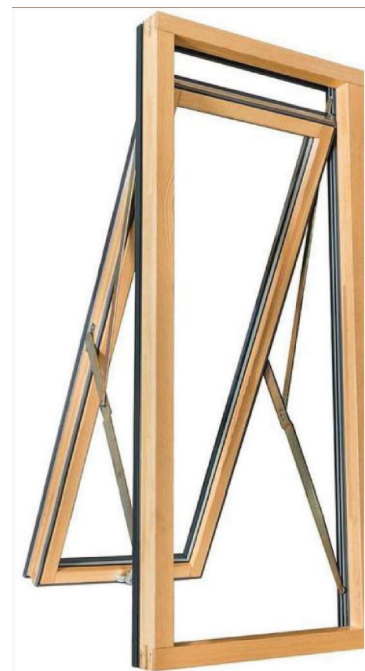
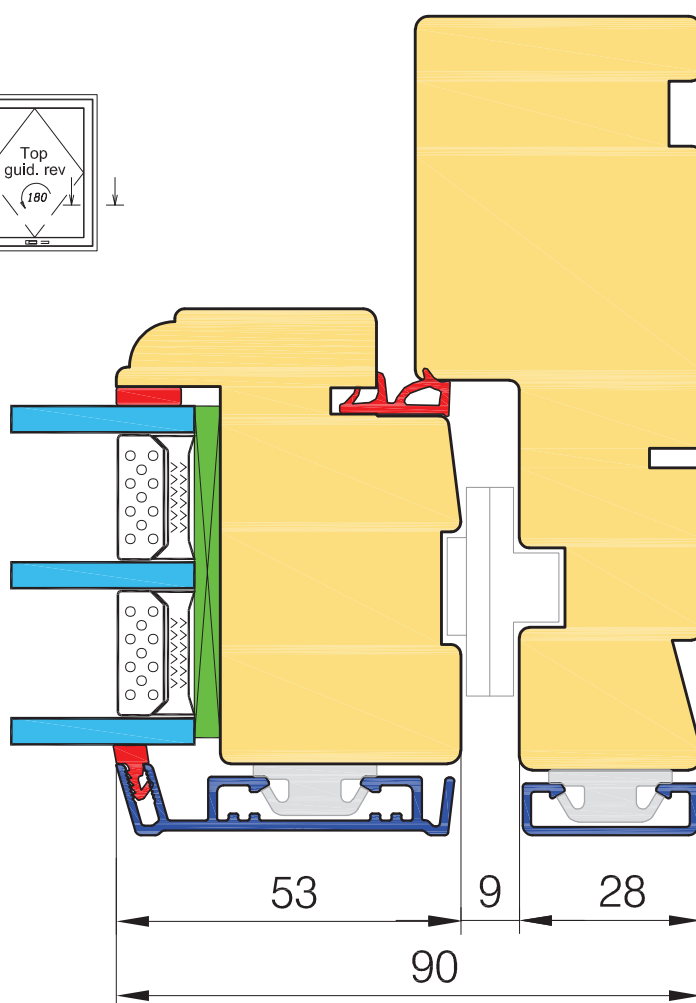
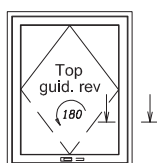
Side Swing (OPTA-SG_90_A)

The restrictor switches on automatically.

The mechanism is fitted as standard in Top Guided Reversible sashes - TG180.

The window sash should be opened until the restrictor blocks further opening

To open and close the window, press the lower part of the safety stop, pull / push the sash to open / close the window.



I

II

III

IV

V



The mechanism can be optionally installed in Top Guided sashes (tilting outwards) - TG90

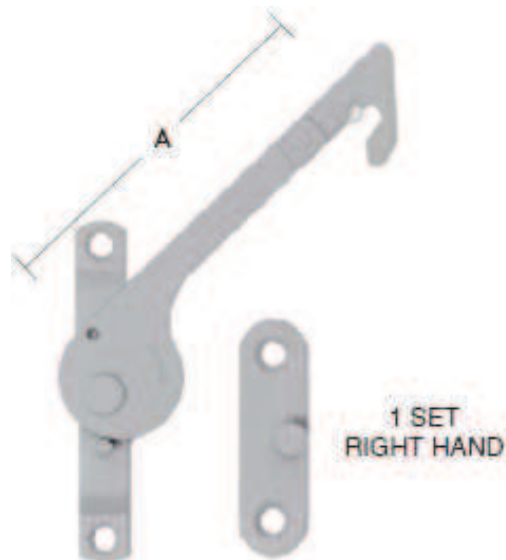
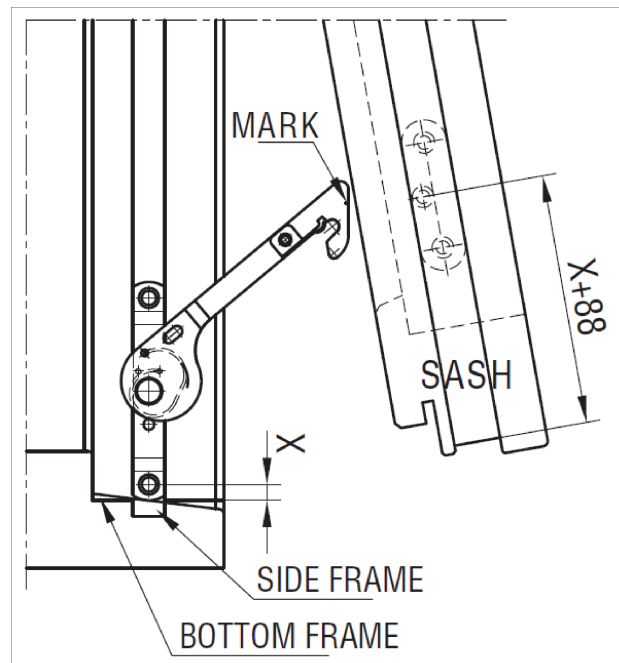
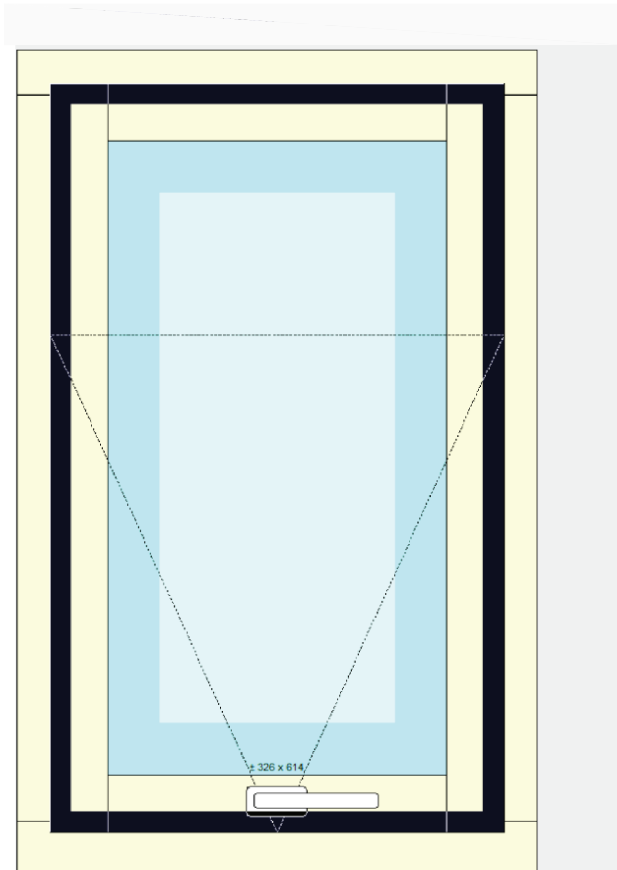
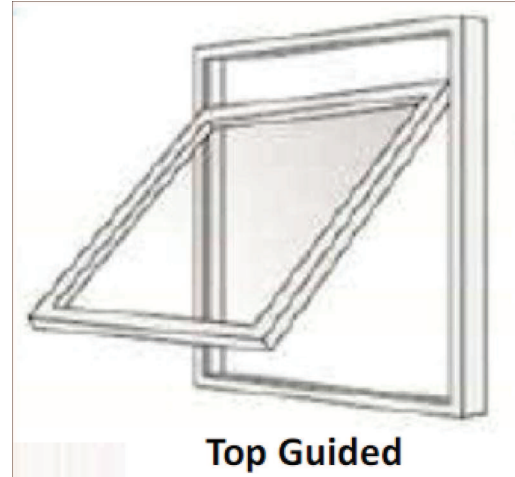
User manual:

Open the window so that the restrictor is in place.

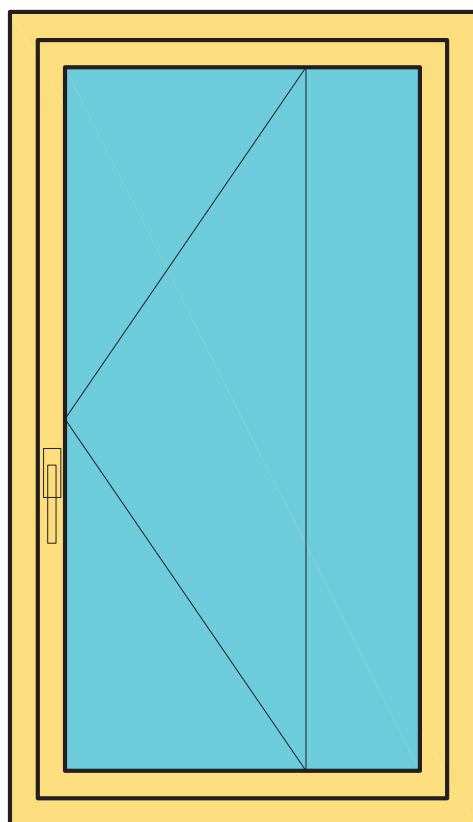
Move the sash 20 mm to the rear.

Push the restrictor arm in the direction of the arrow and open the window.

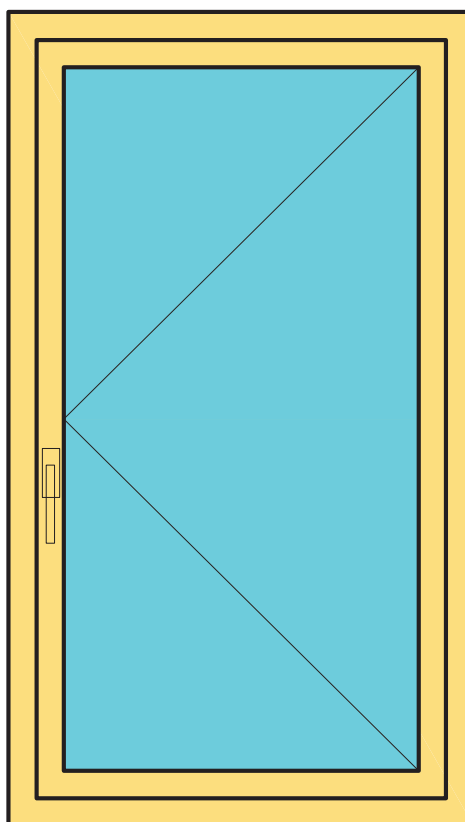
After closing the window, the restrictor is automatically blocked



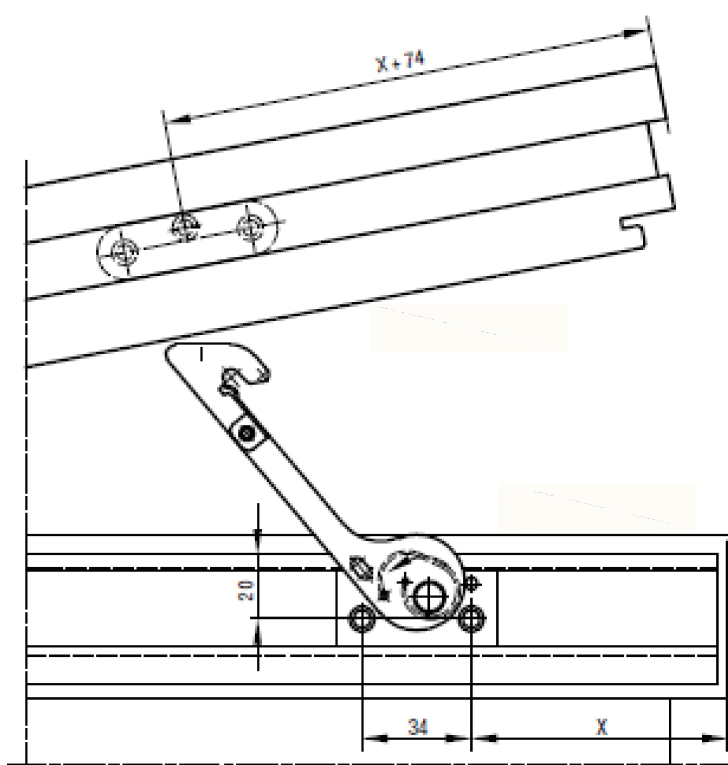
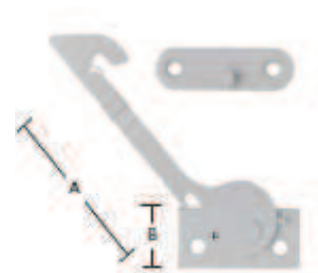
RESTRICTOR

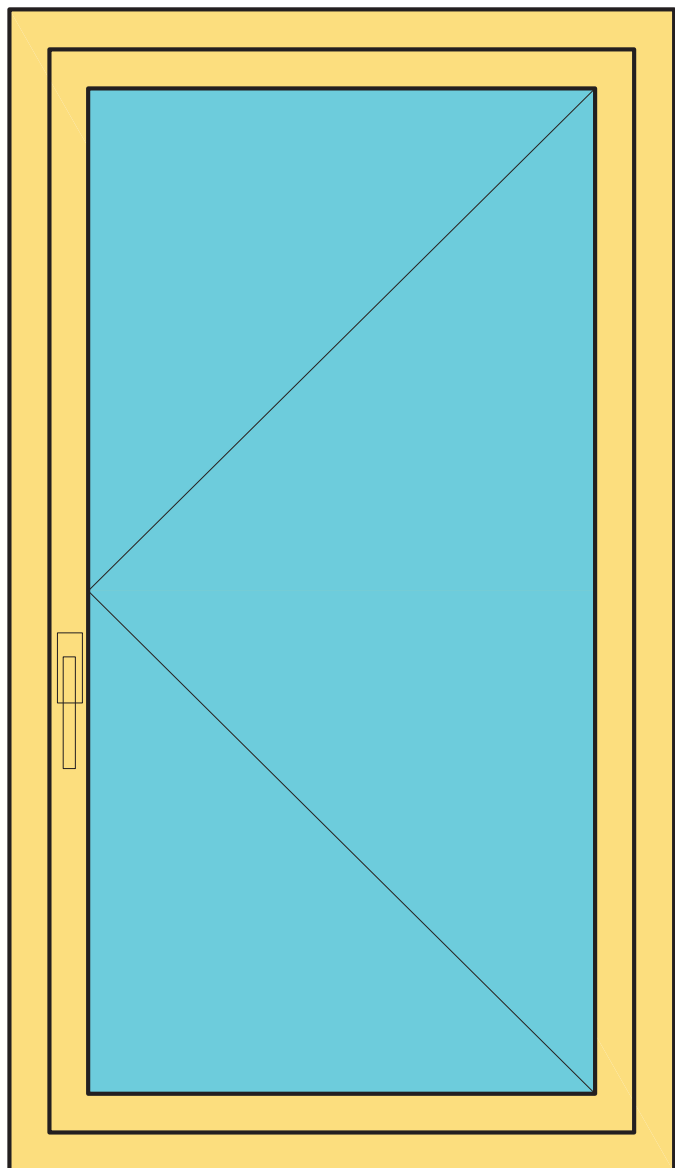


- Side Swing 90,

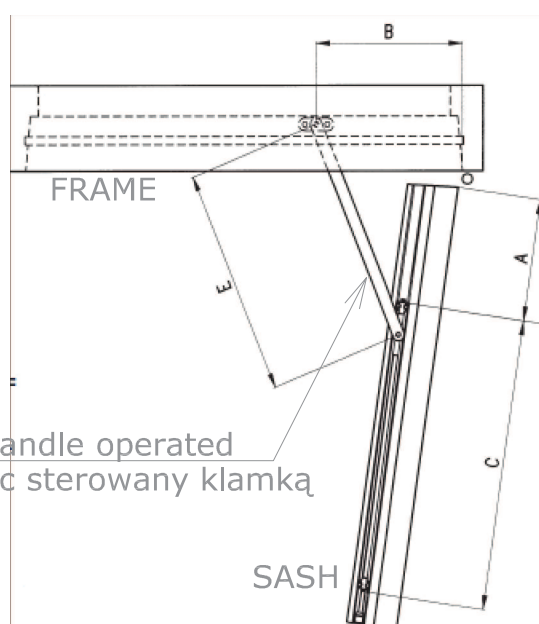
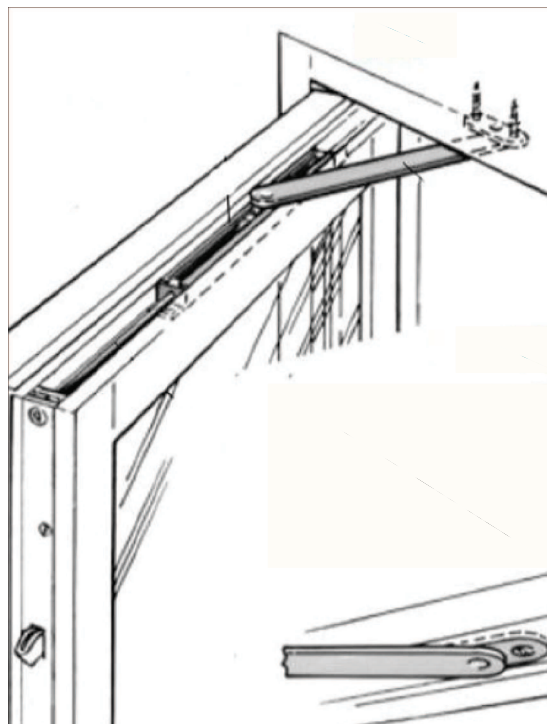


Side hung (SH)

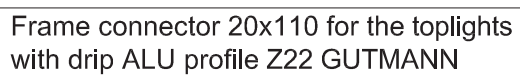




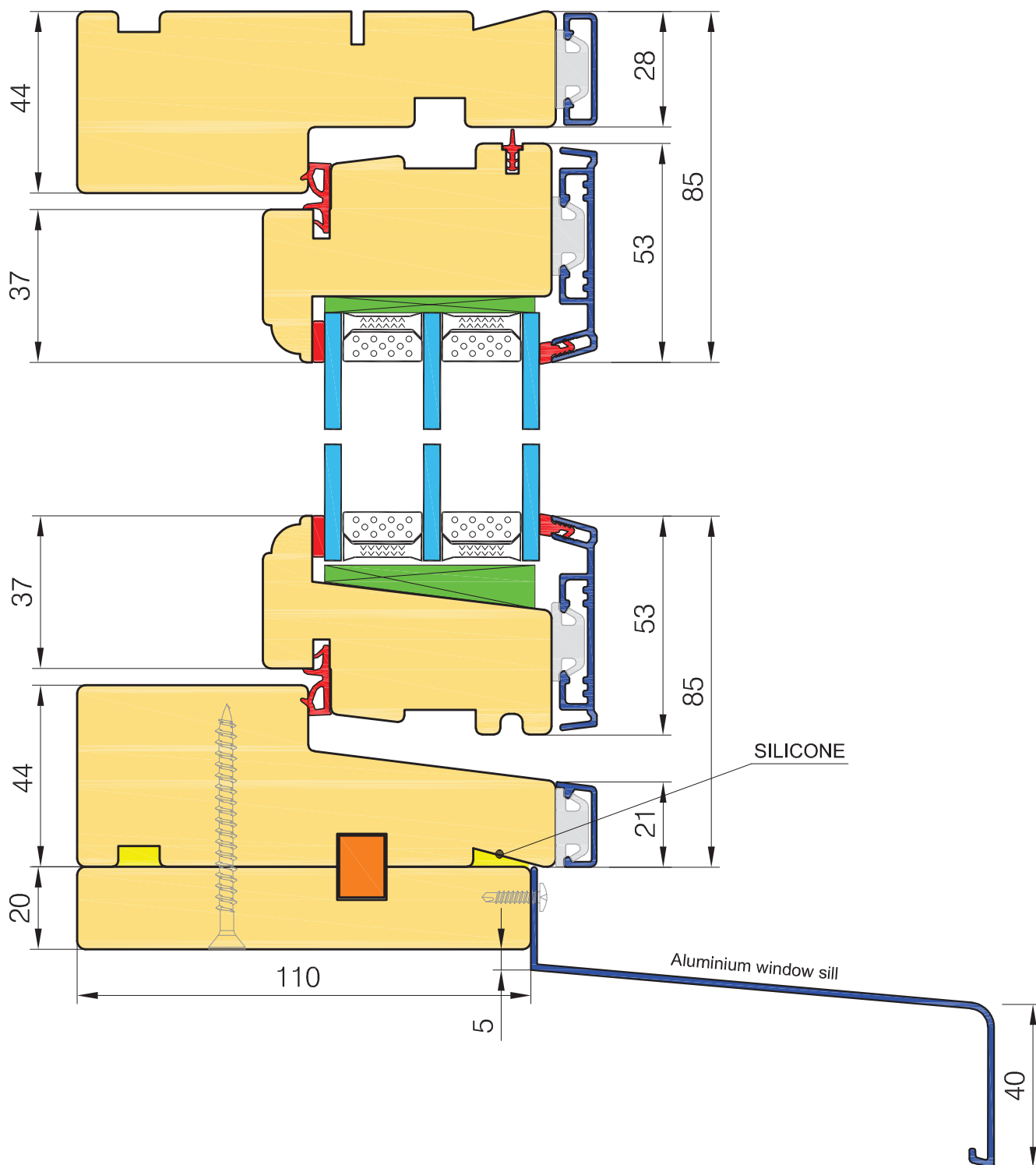
Side hung (SH)

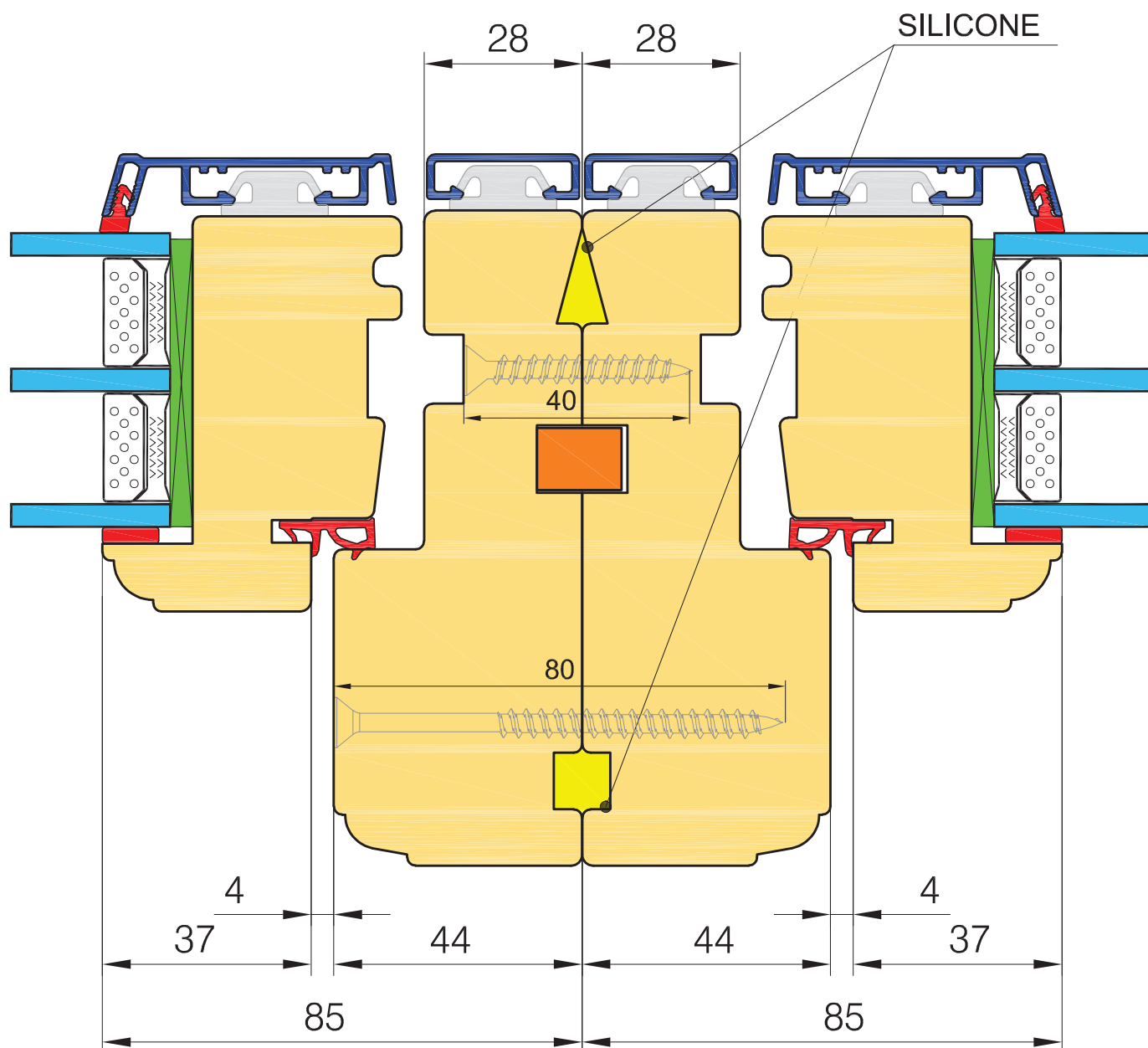
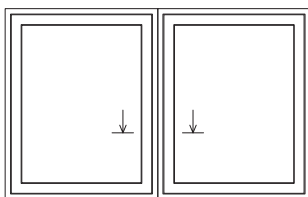


Brake handle operated
Hamulec sterowany klamką



Profile
Gutmann Z-22

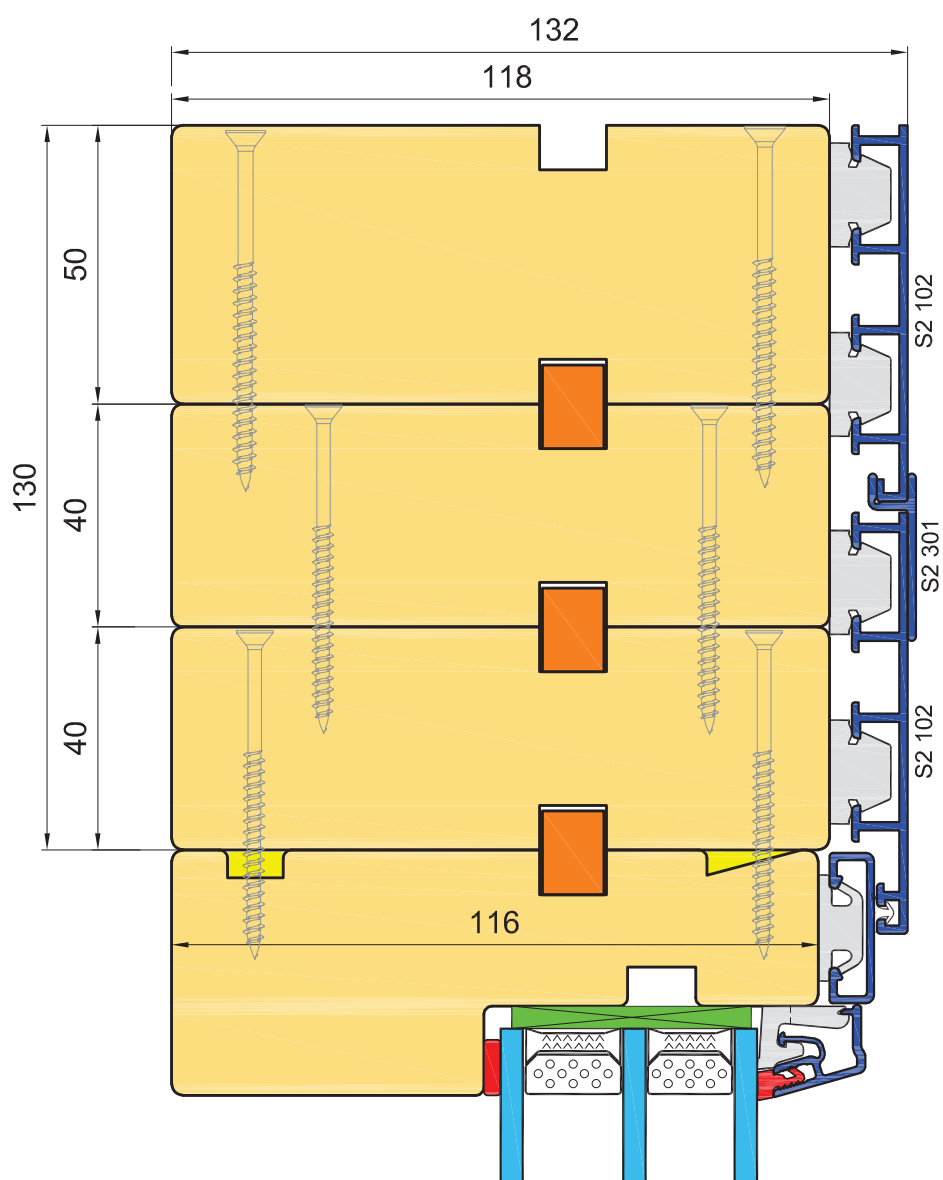
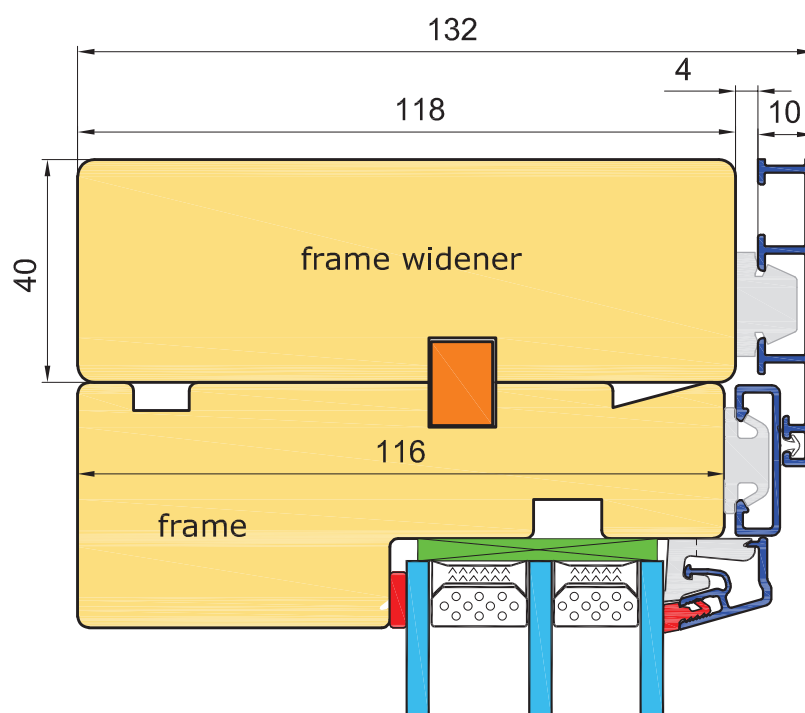




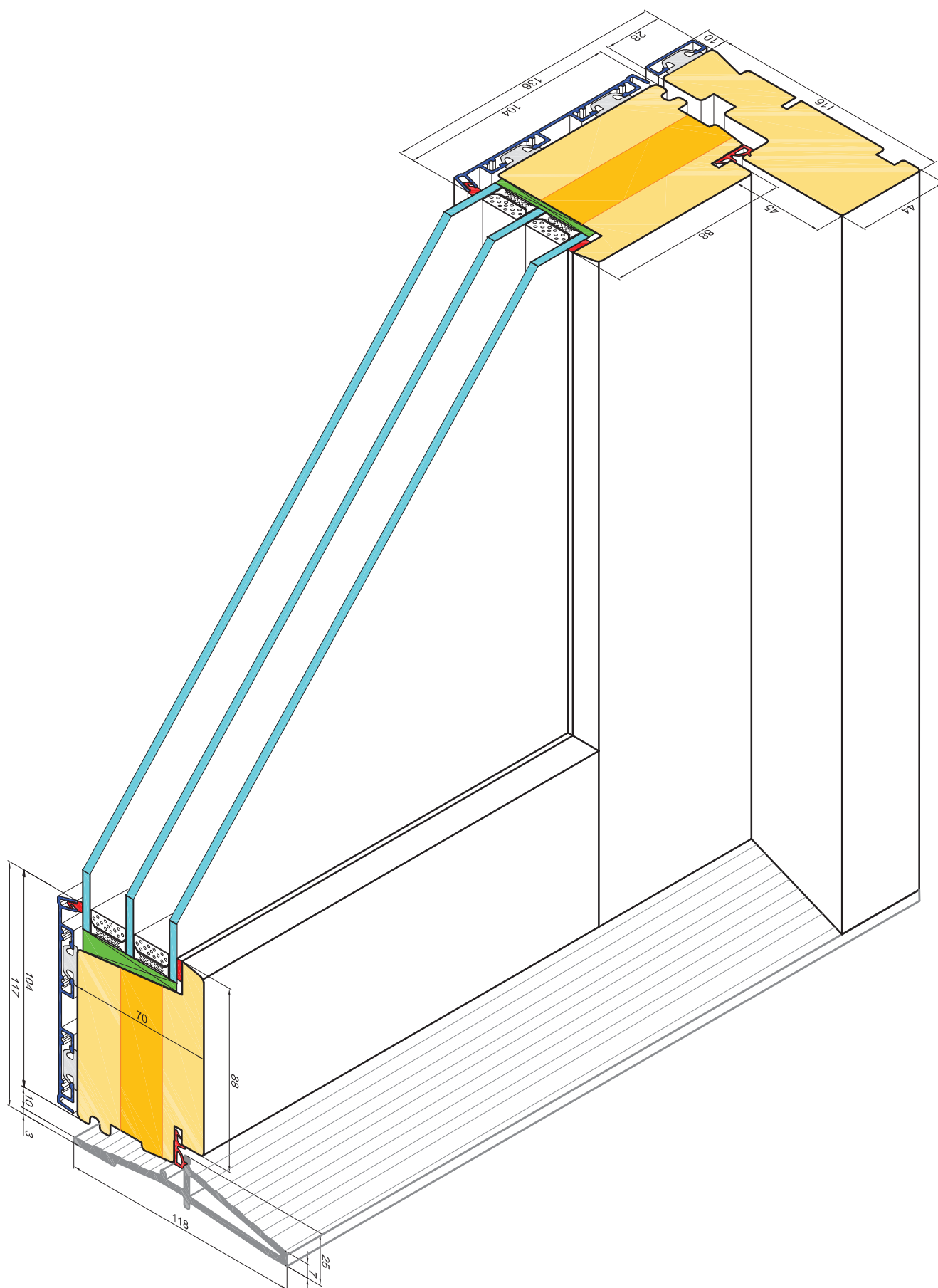
OPTIMA ALU - frame widener.

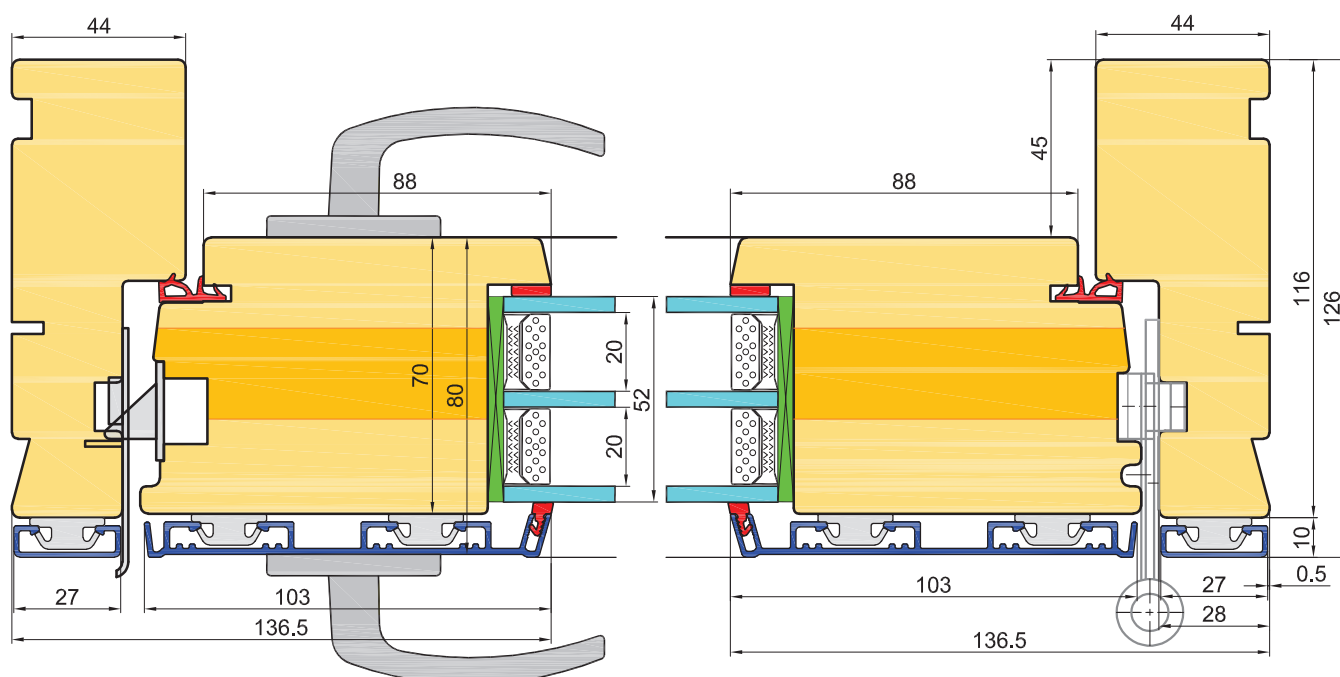
Frame widener:

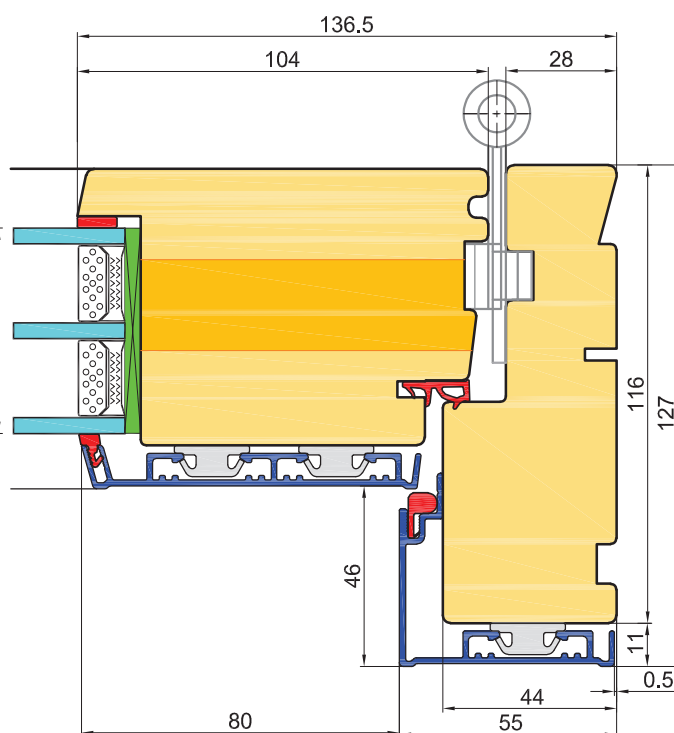
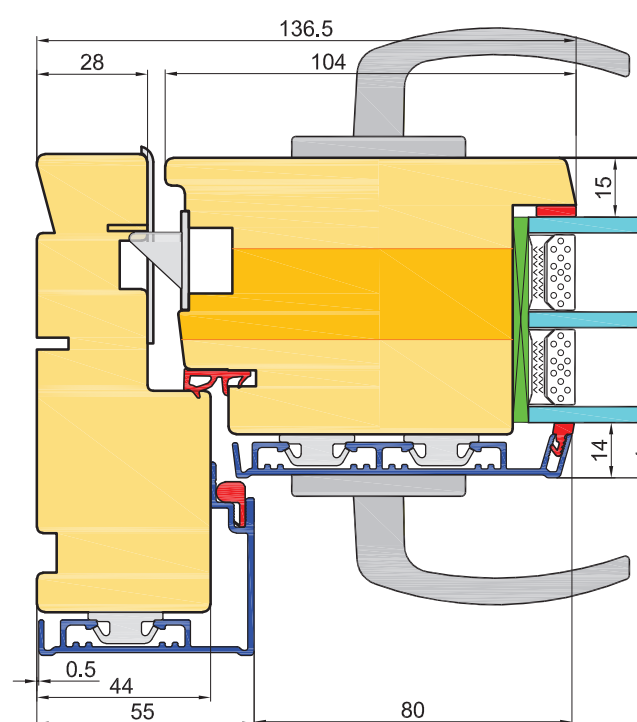
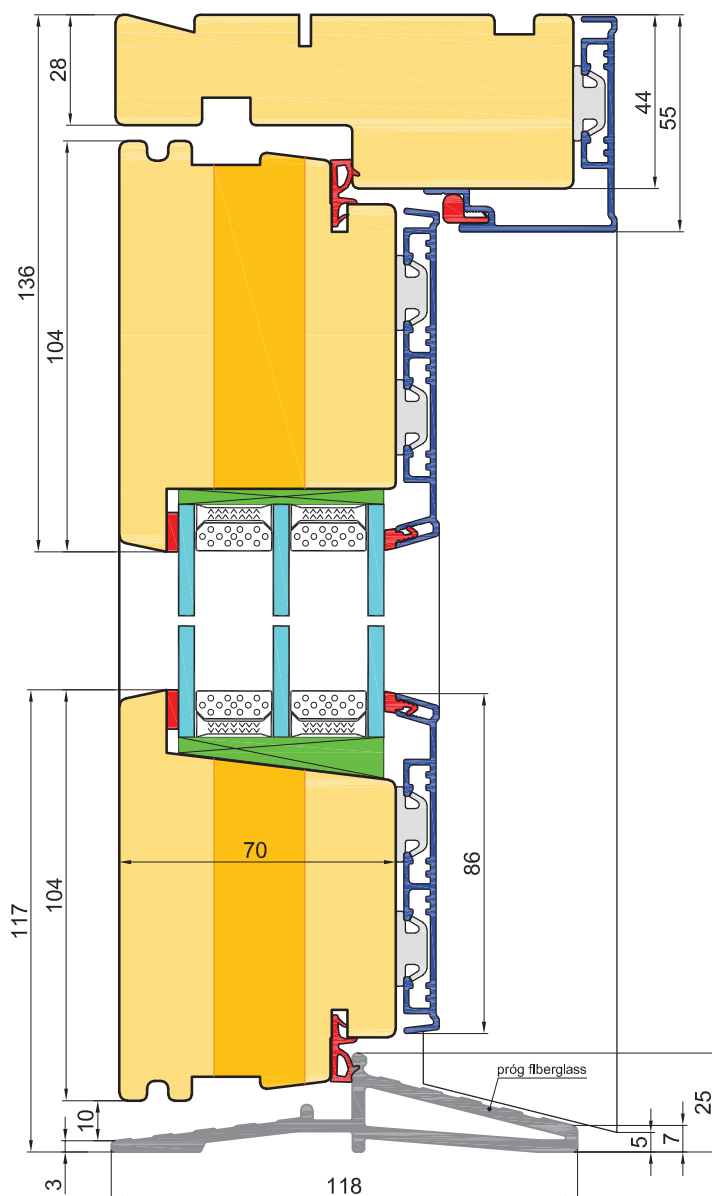
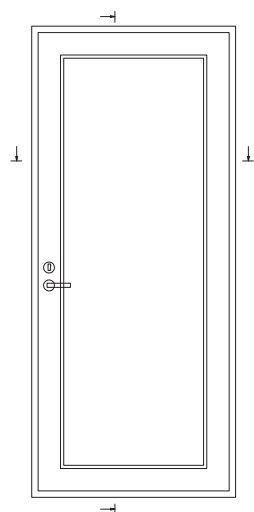
- 118x30
- 118x50
- 118x60
- 118x70
- 118x80
- 118x90
- 118x100
- 118x110
- 118x120
- 118x130

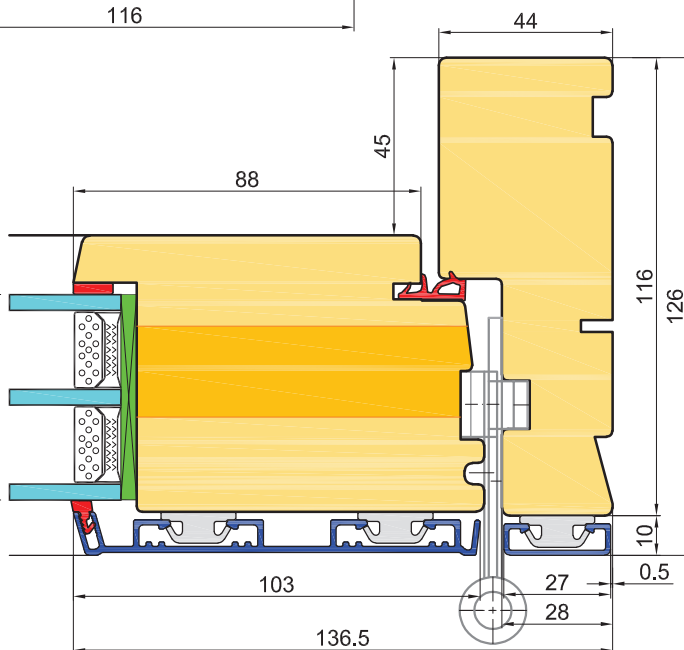
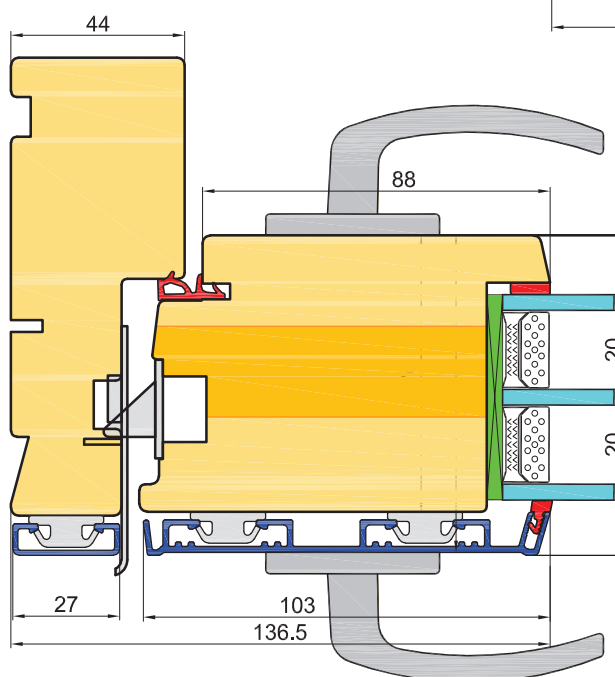
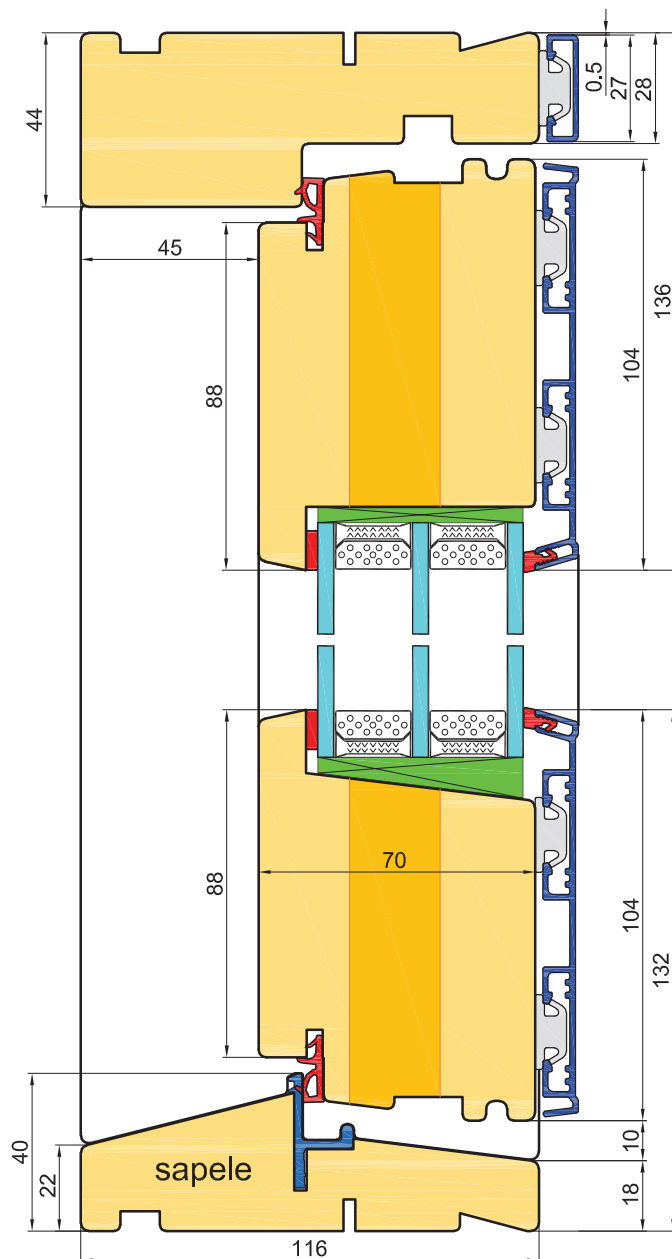
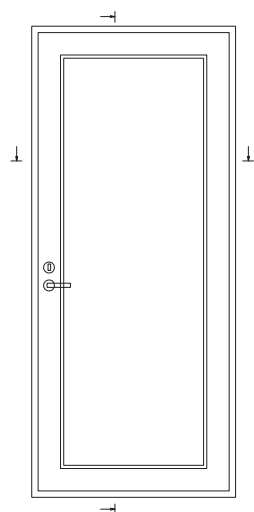


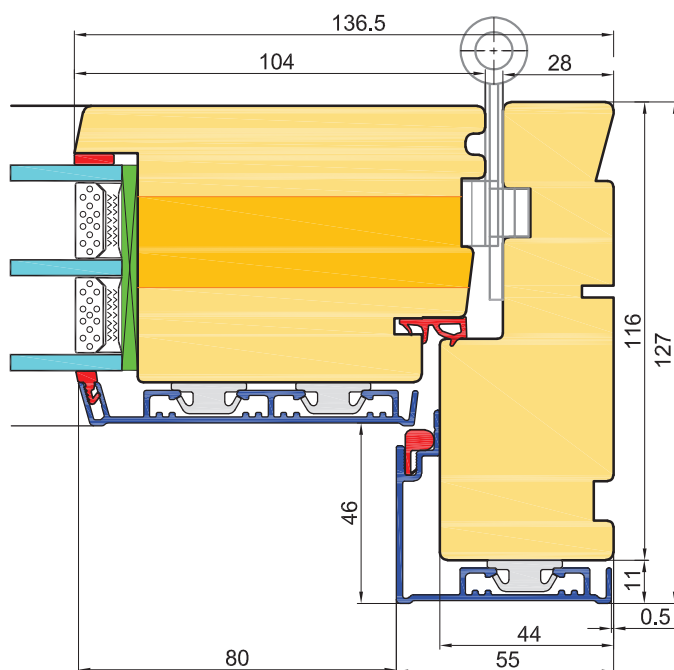
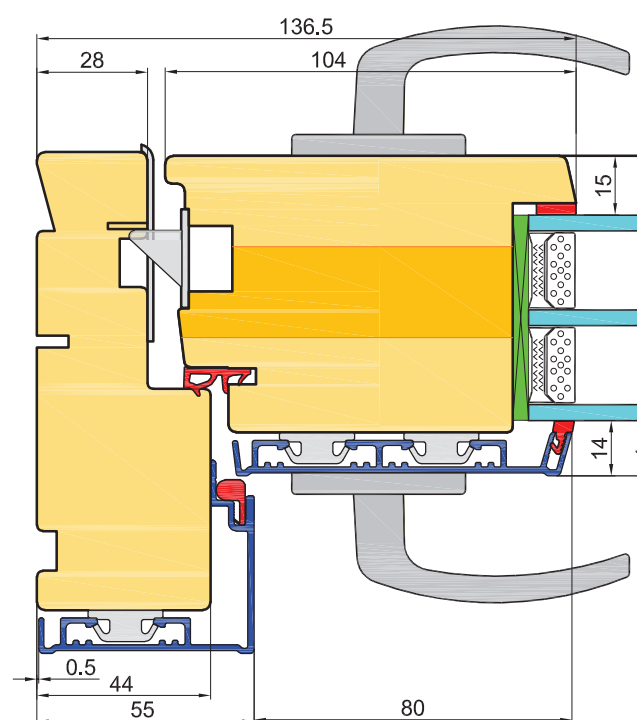
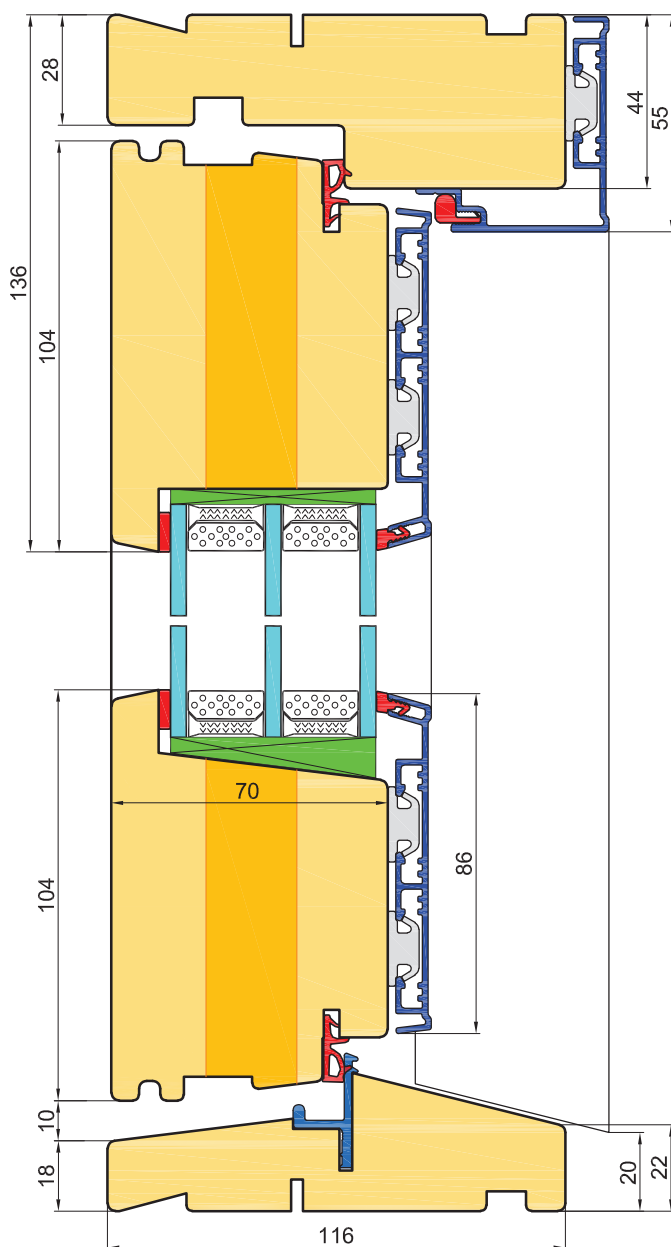
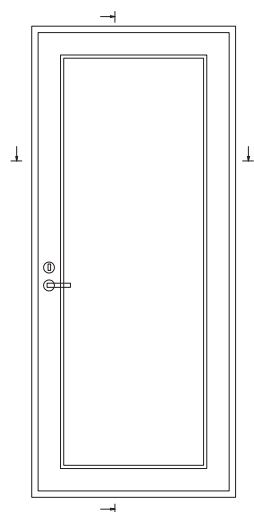
OPTIMA ALU- PROFILE SOFT - DOORS

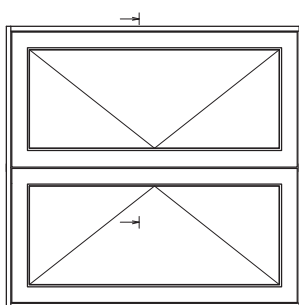
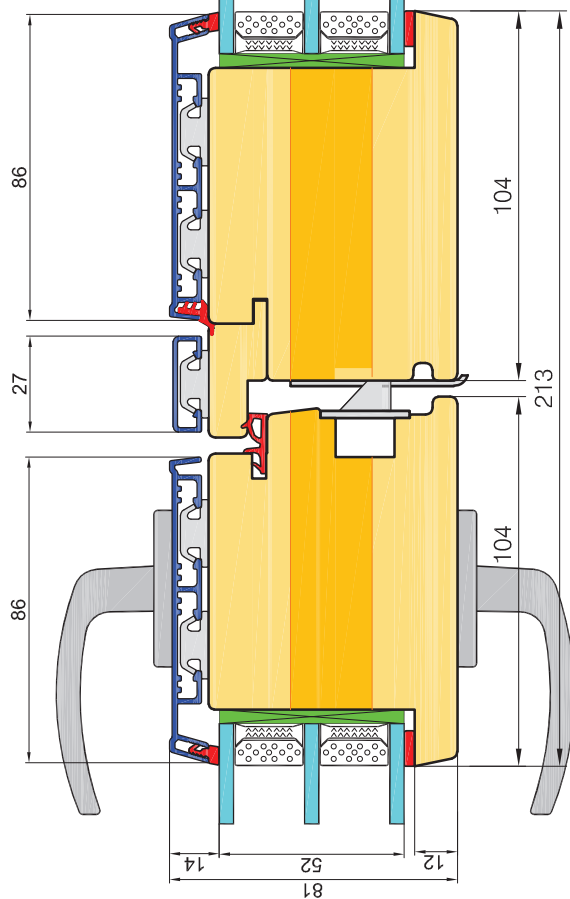
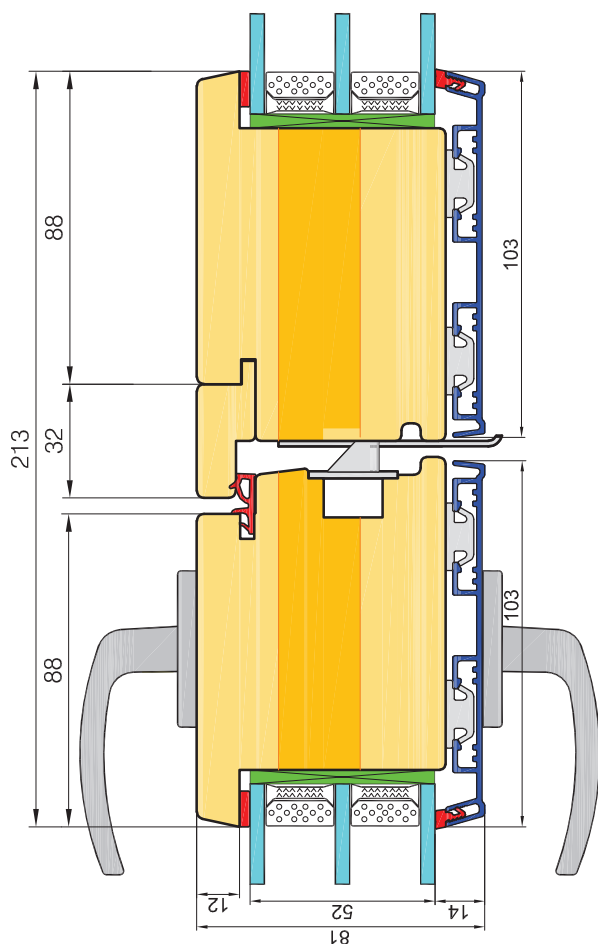
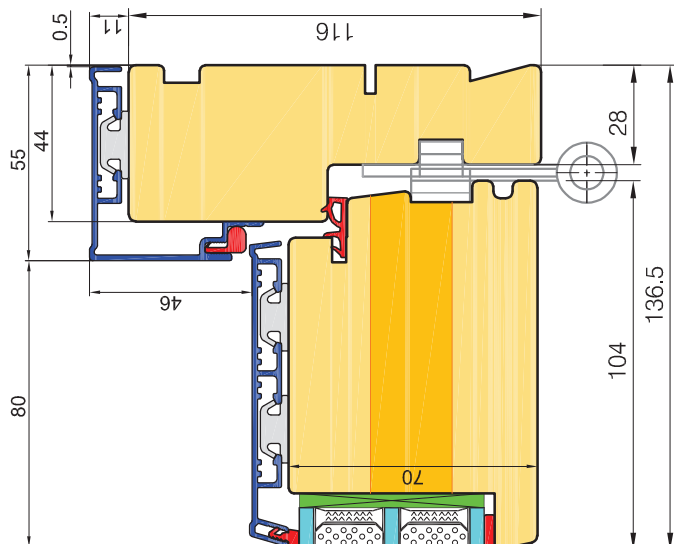
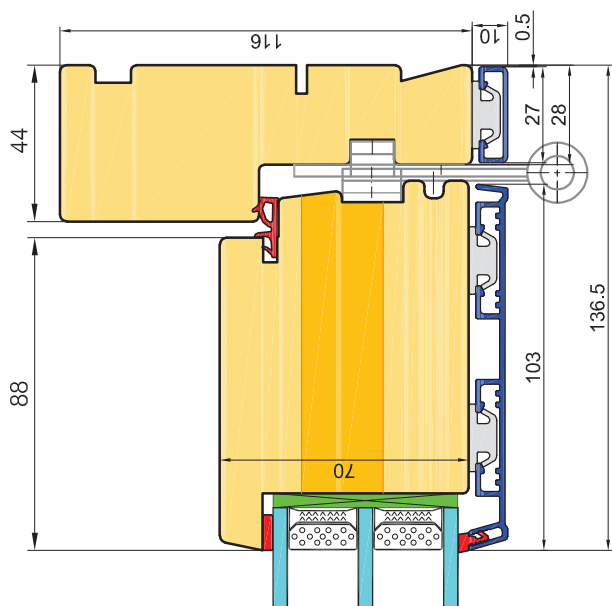






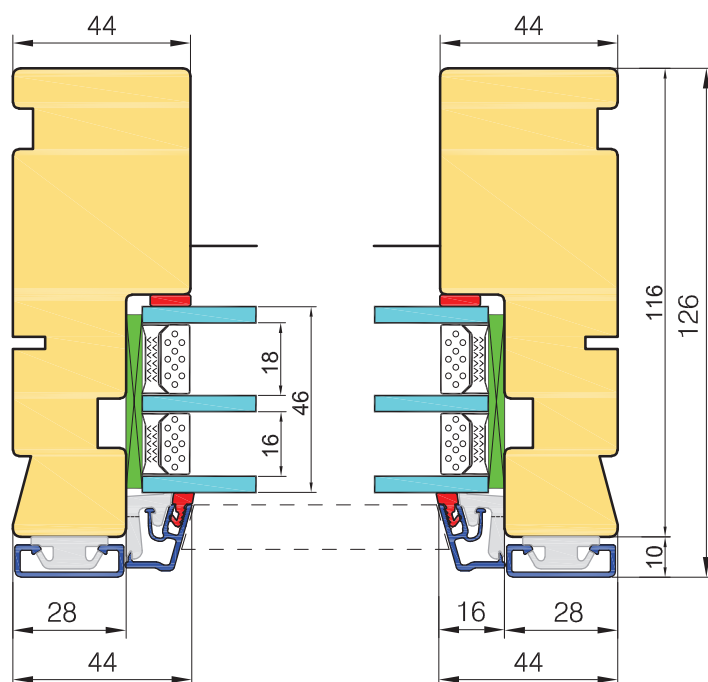
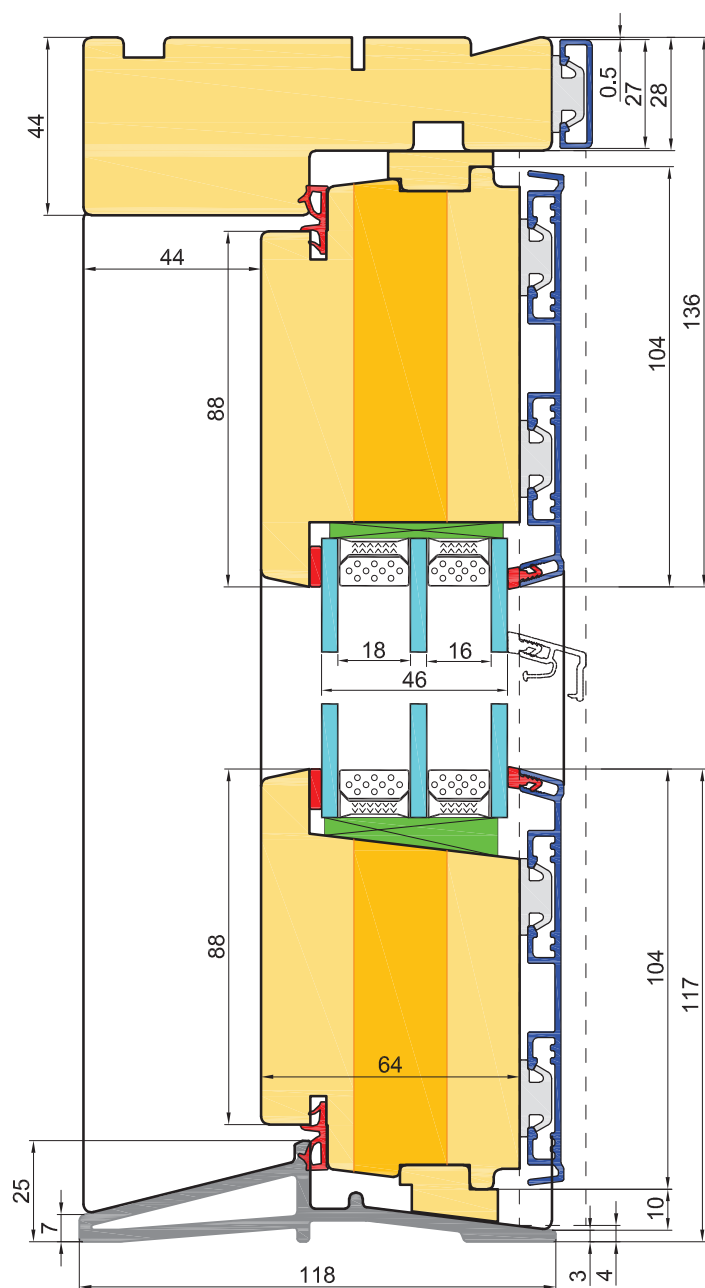
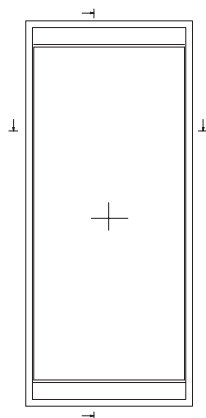


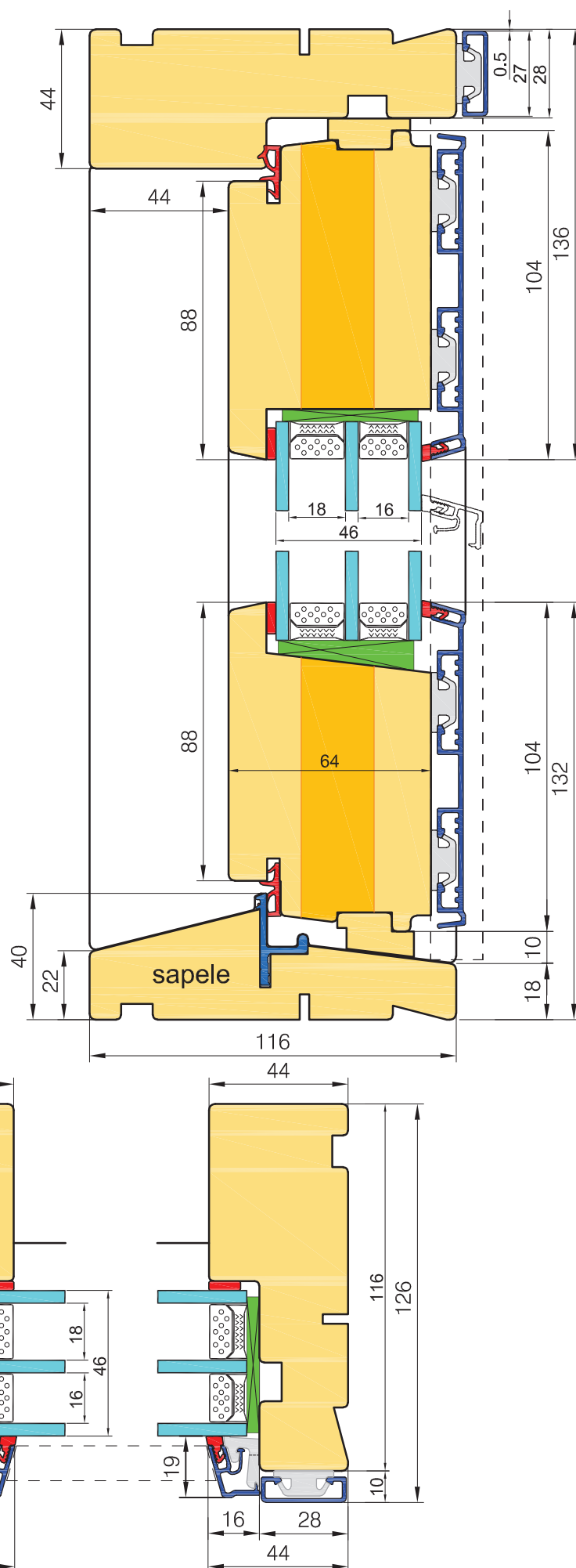
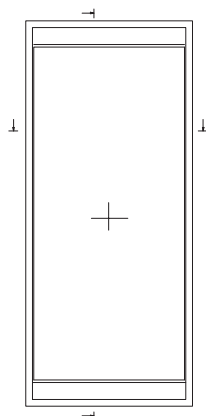


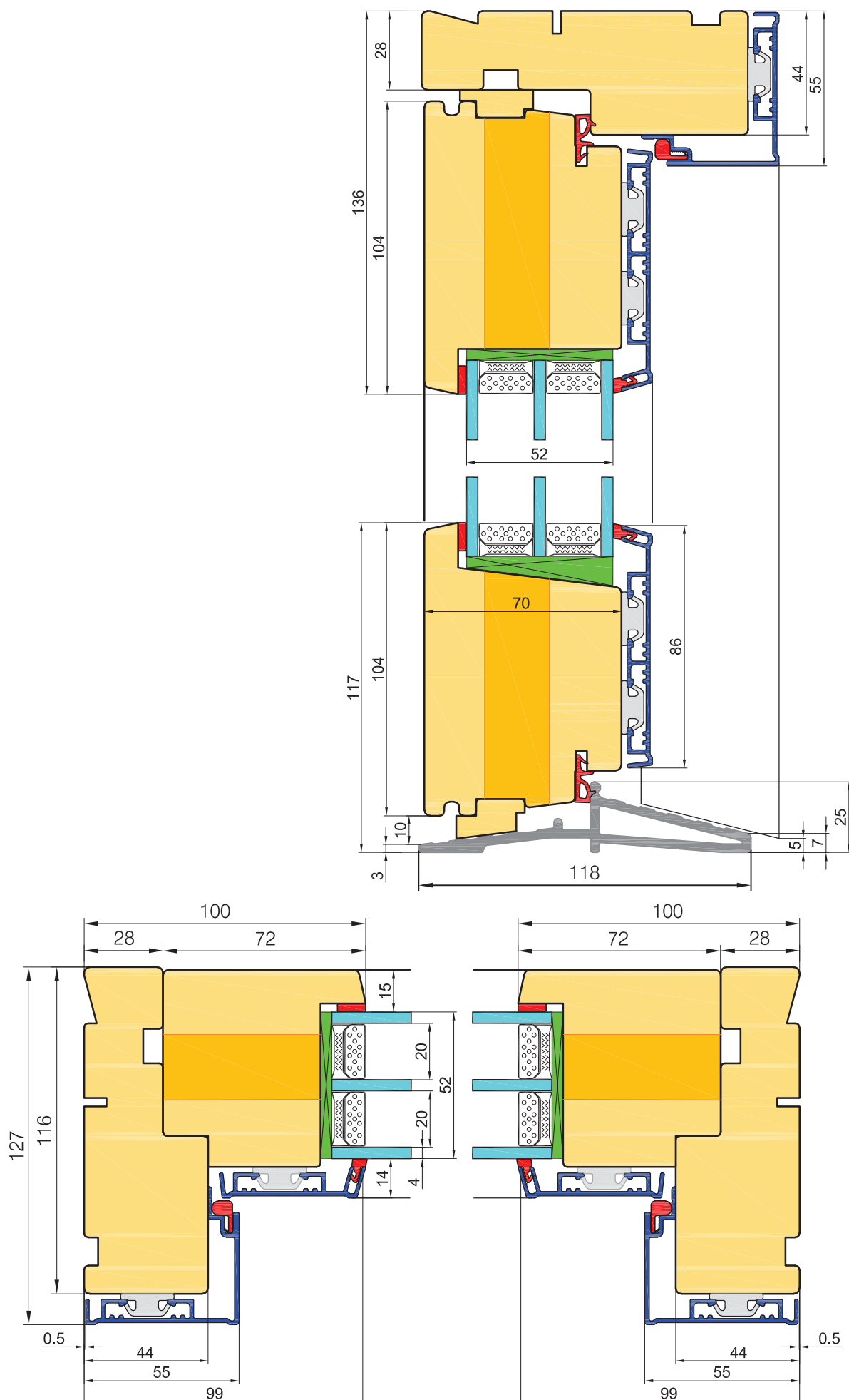


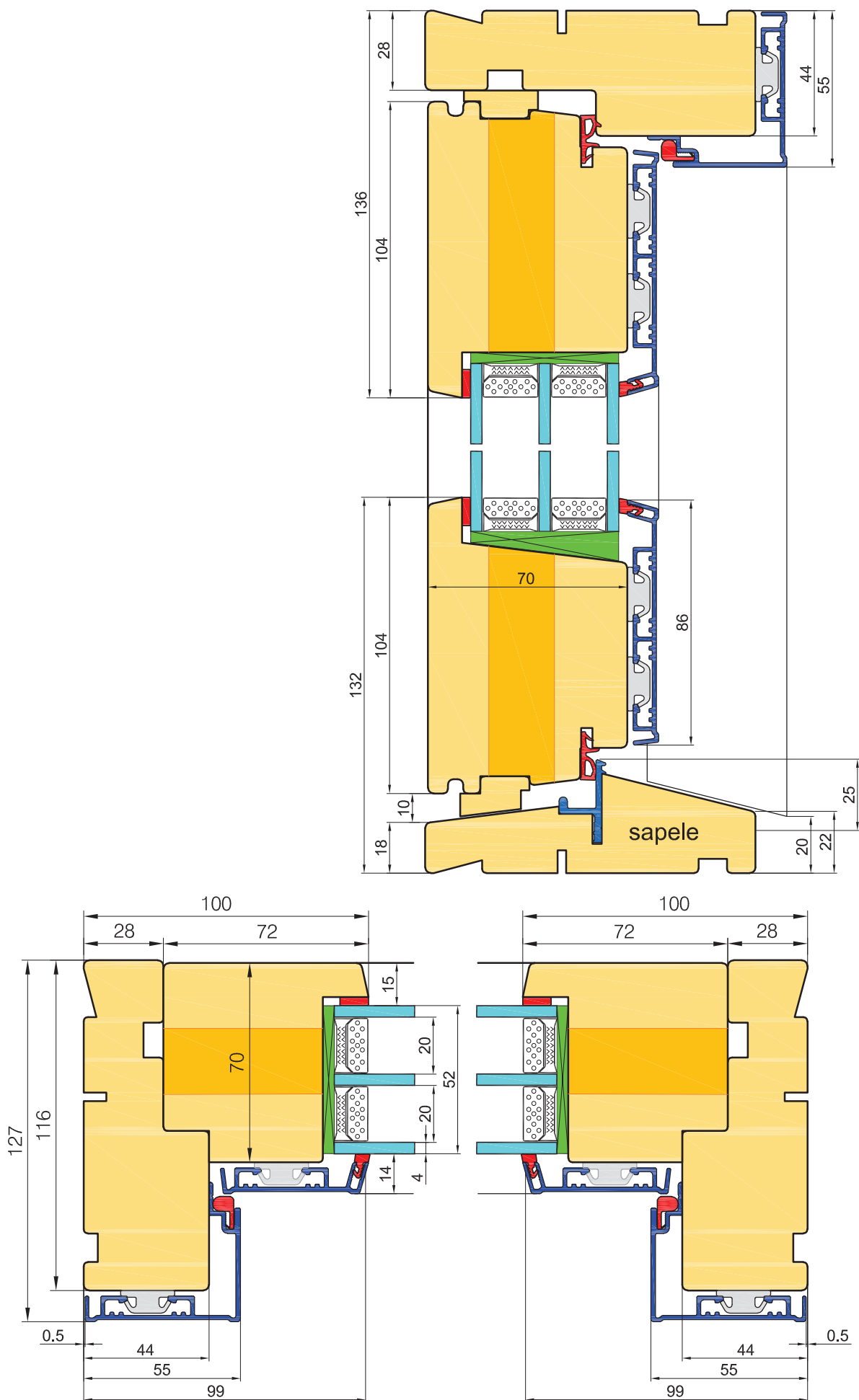
DOOR OUTWARD OPENABLE.
FLYING MULLION

DOOR INWARD OPENABLE
FLYING MULLION





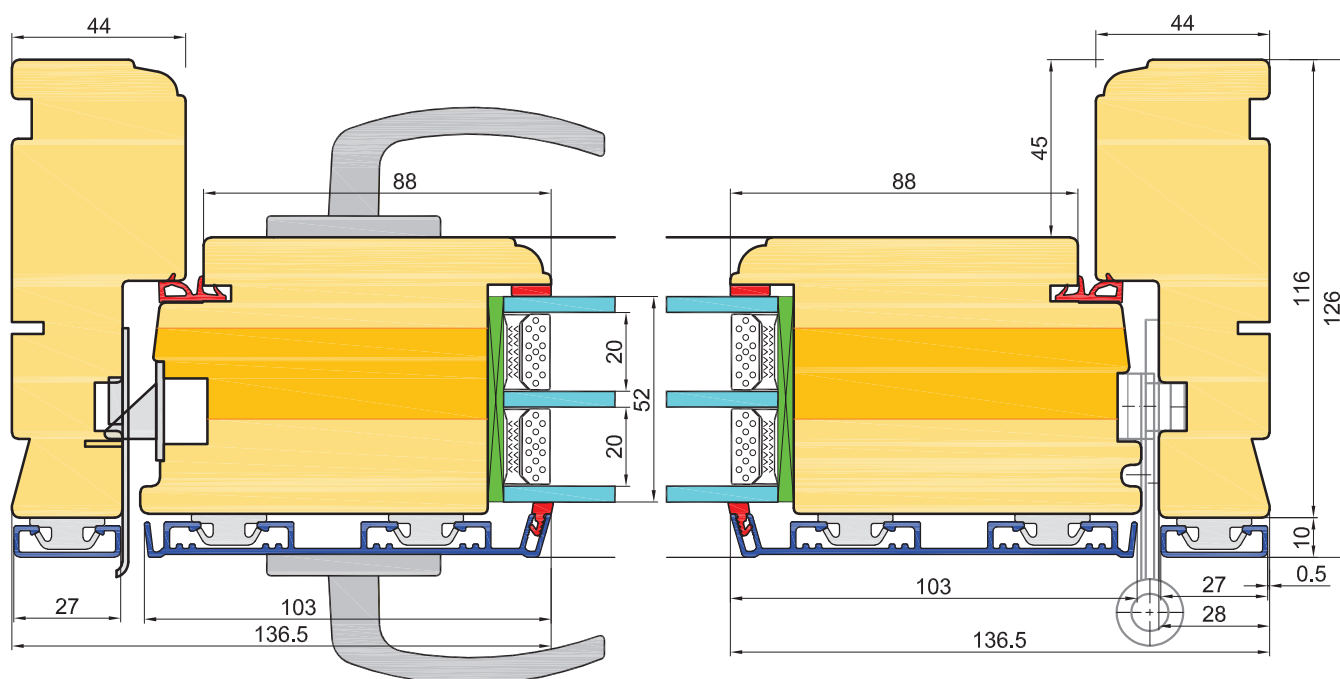
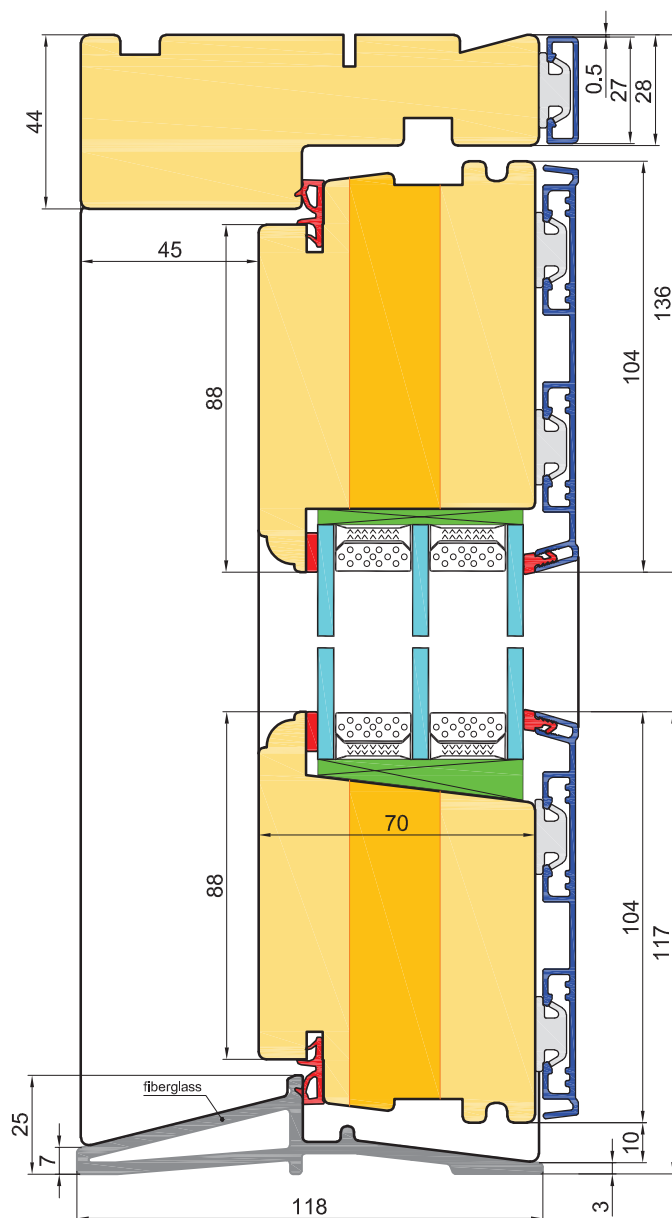
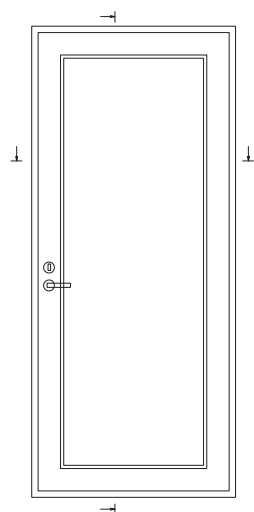


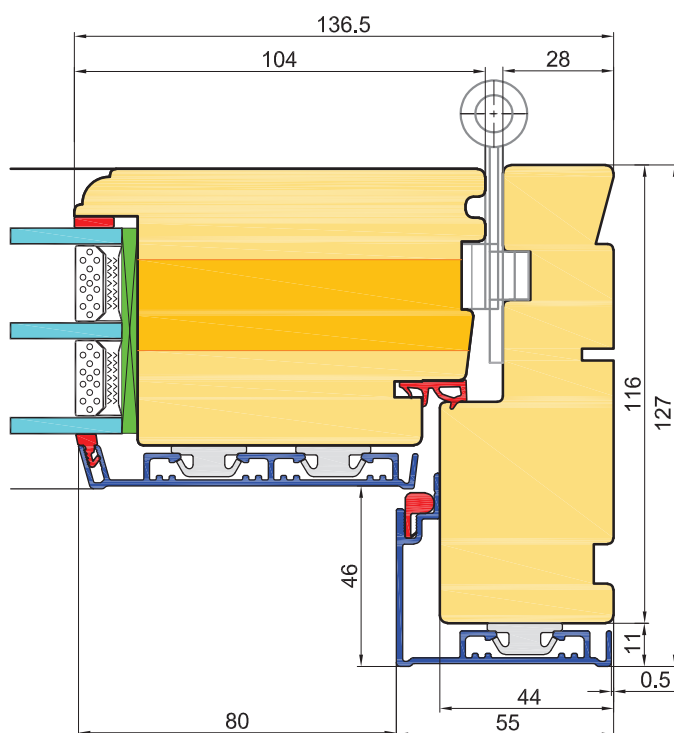
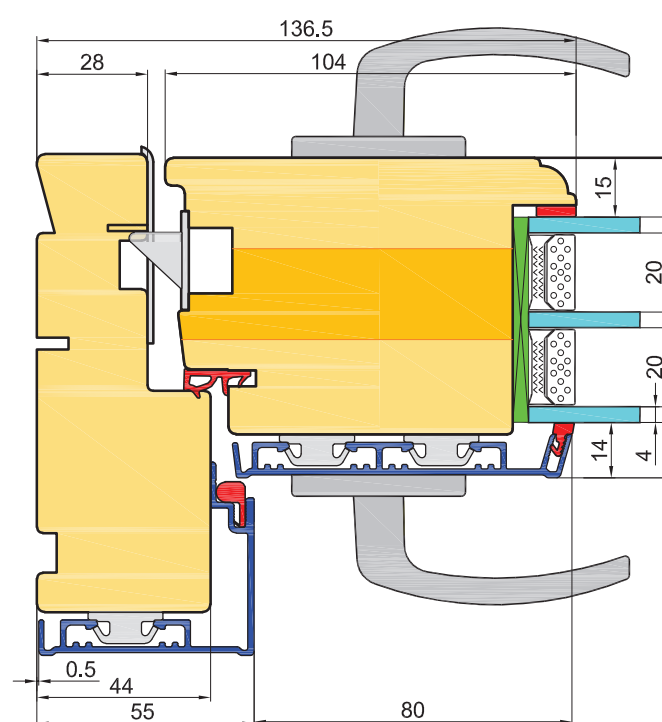
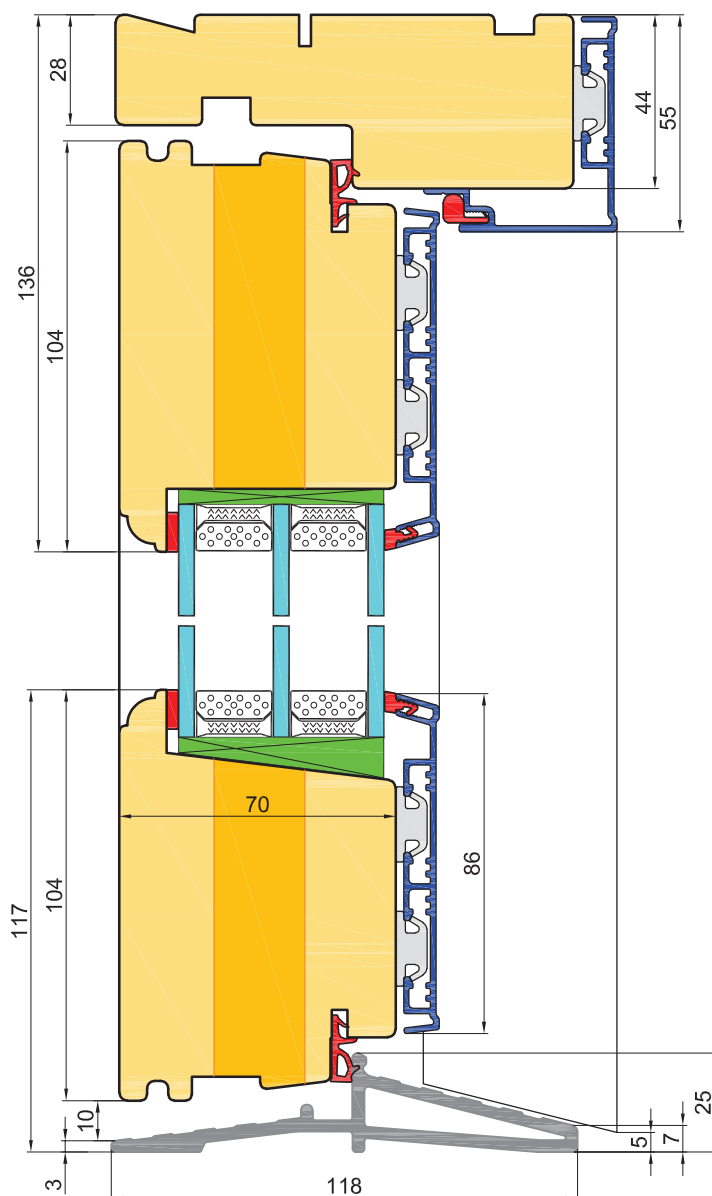
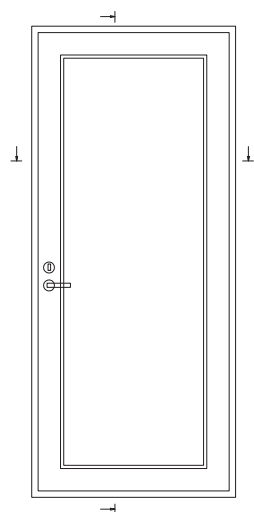


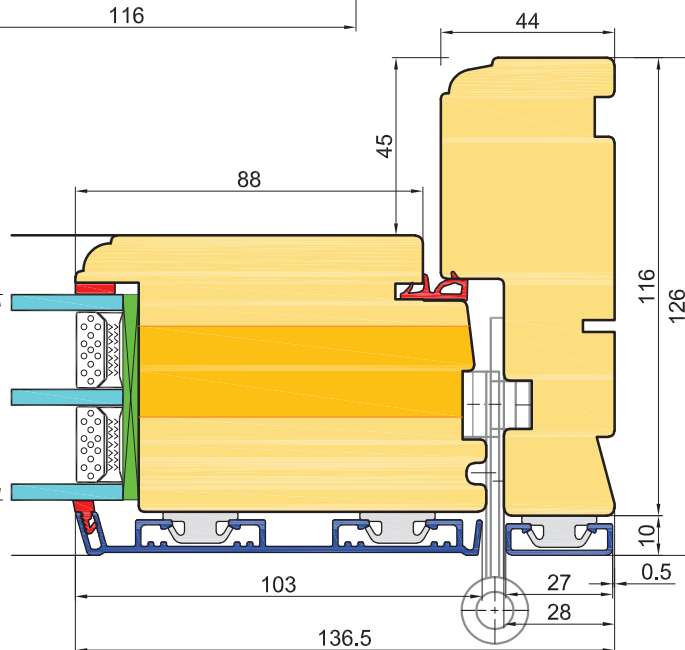
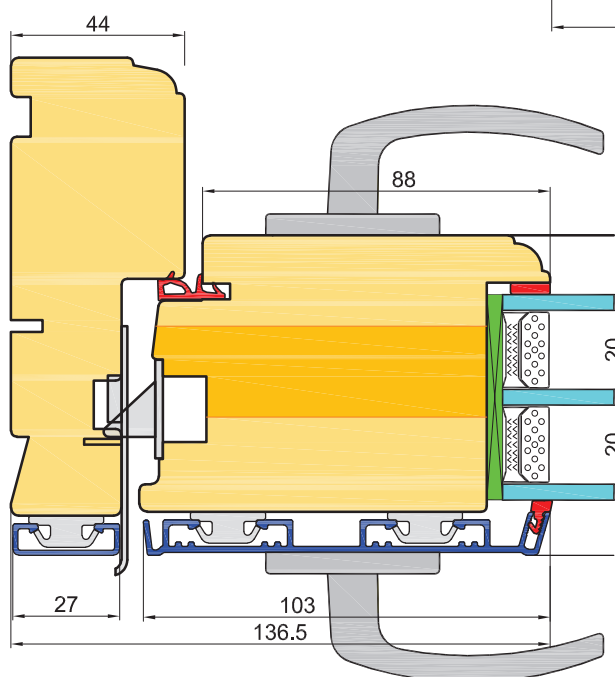
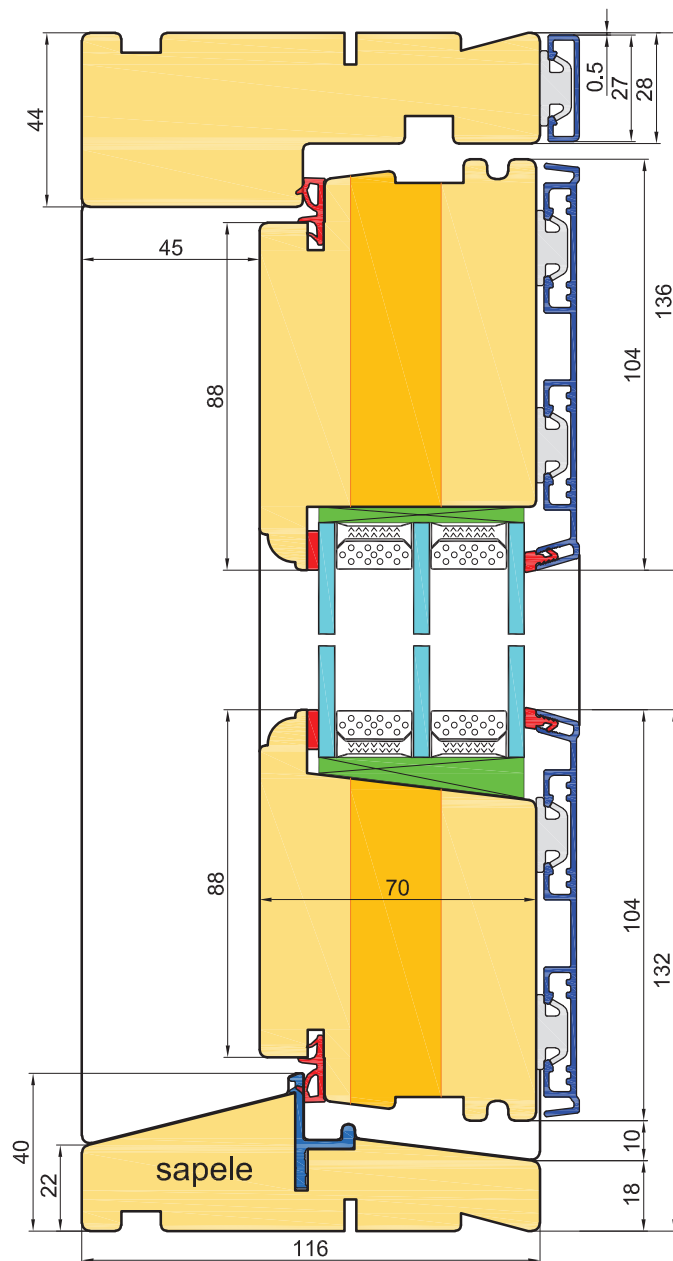
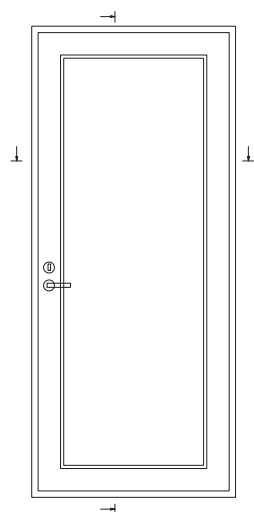
OPTIMA ALU - Profile SOFT - DOOR INWARD OPENABLE. FIX.

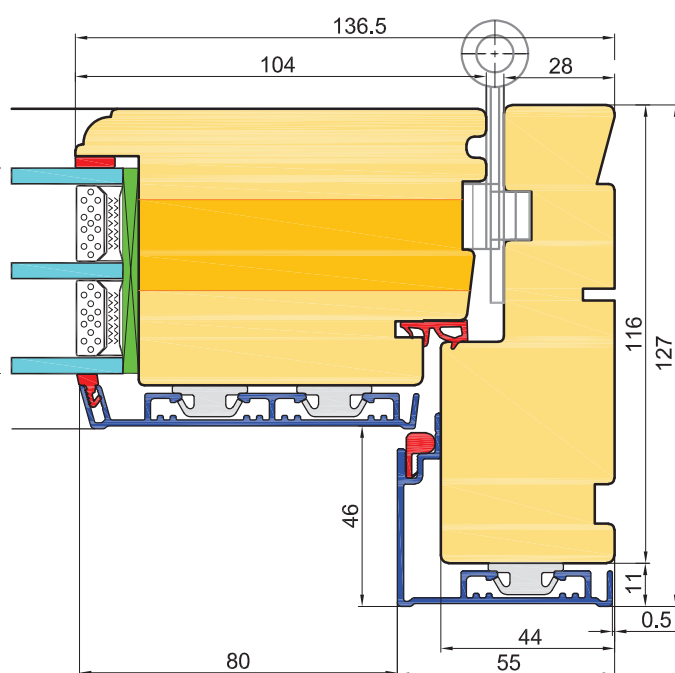
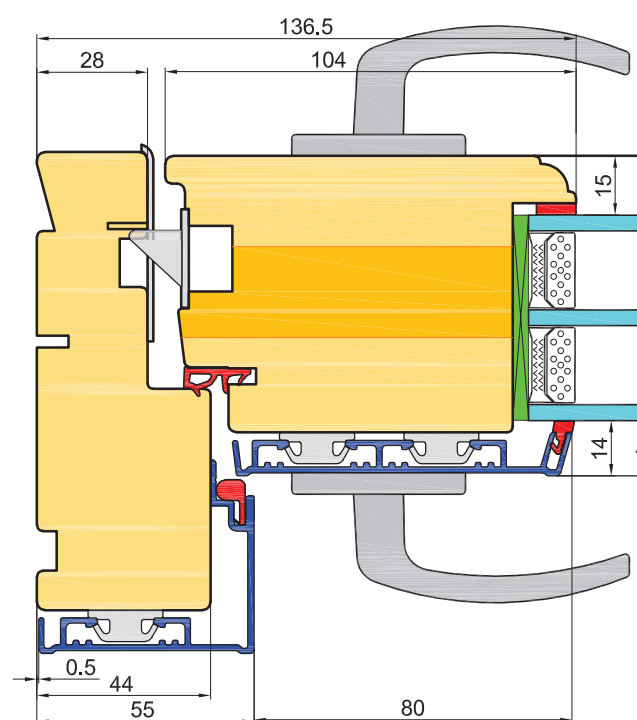
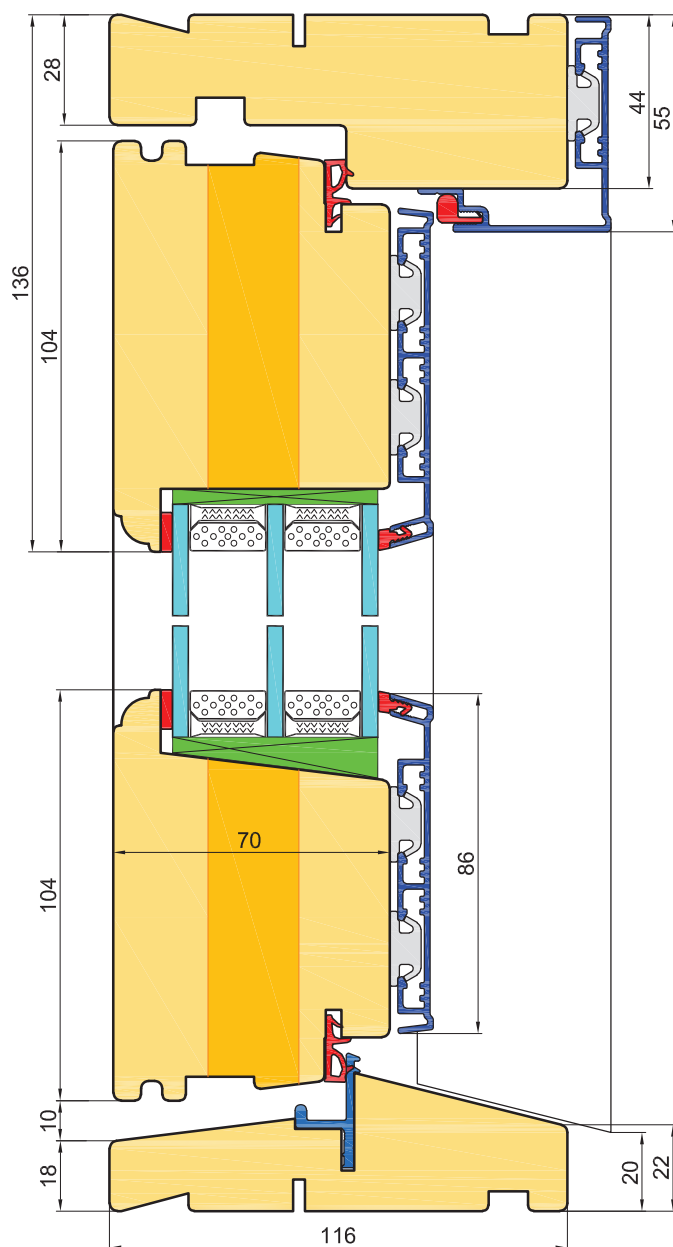
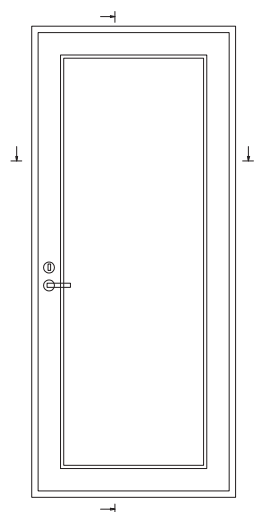


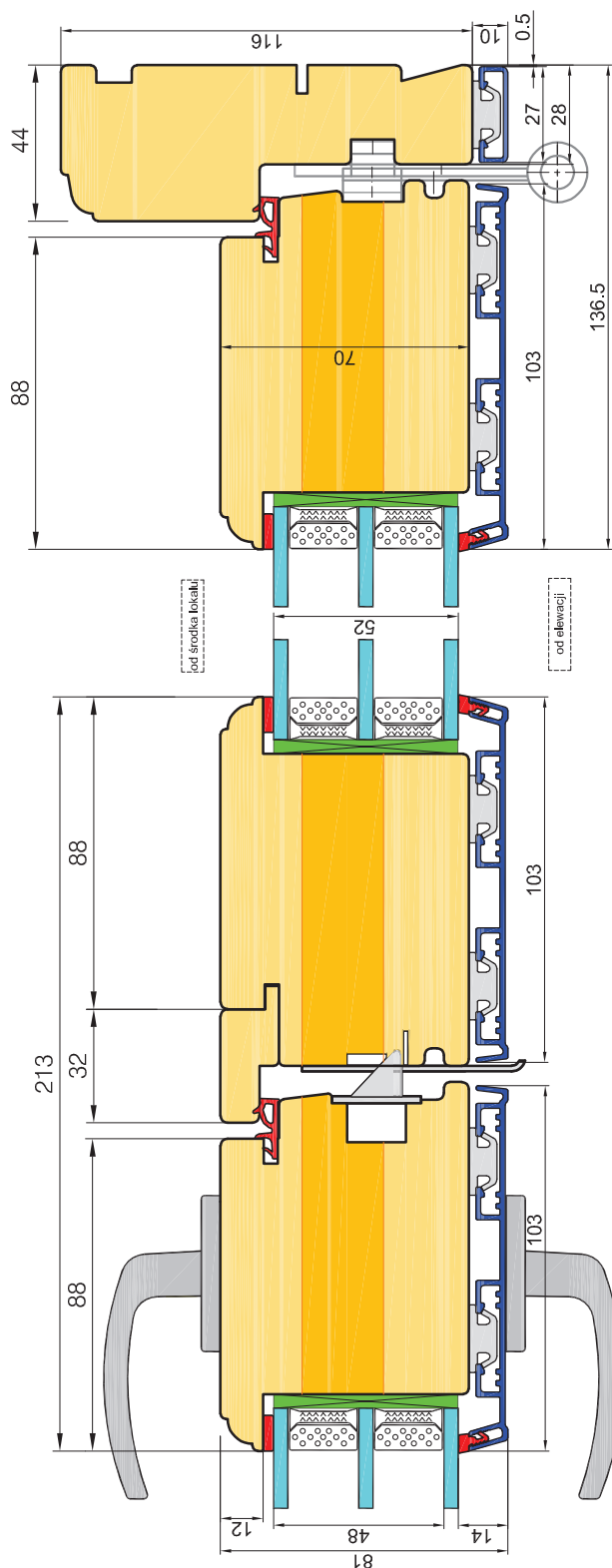
OPTIMA ALU- PROFILE CLASSIC - DOORS



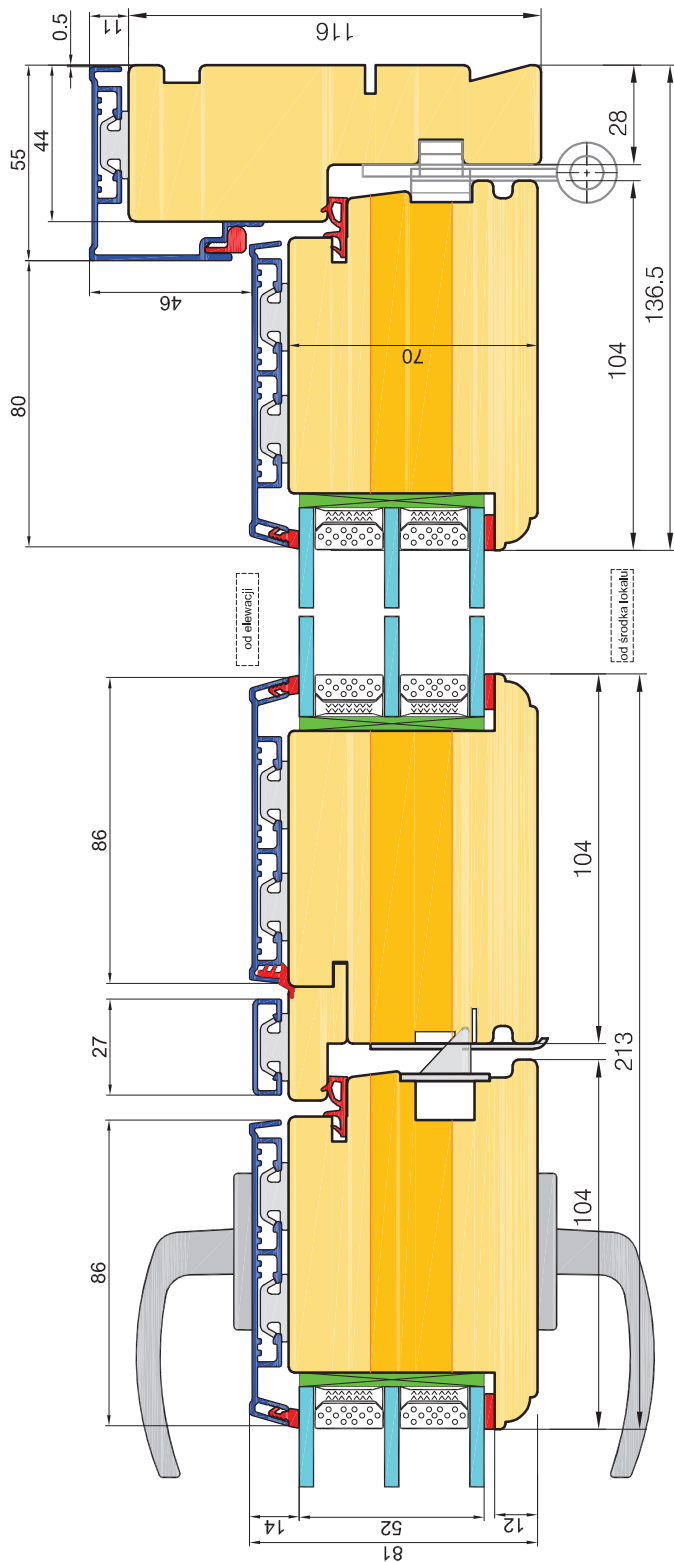








DOOR OUTWARD OPENABLE.
FLYING MULLION



DOOR INWARD OPENABLE
FLYING MULLION

