

BENDINI

**ALUMINIUM
SYSTEMS**



BENDINI ALUMINUM SYSTEM

With over 20 years of experience in construction industry management, BENDINI embarked on designing aluminium architectural systems.

In collaboration with European business partners and a dynamic research and development team, BENDINI is recognized as a leading designer of high-quality aluminium architectural systems; ensuring that its products will satisfy customers and generate benefits for them. We are confident that BENDINI, by adhering to the highest technical requirements and principles of aesthetic, will meet a wide range of architectural needs in the construction industry in sync with the latest global architectural trends.

BENDINI's mission is to provide safe, modern, and high-quality products to improve living standards and contribute to the sustainable development of the construction industry.

Leveraging the latest industry knowledge of aluminium, BENDINI is a pioneer in developing innovative and sustainable solutions in the design of doors, windows, curtain walls, glass ceilings, and aluminium greenhouses systems.

Beautiful design, superior product performance, increased energy efficiency, and enhanced building safety are among the company's production goals.

In addition to offering a wide range of standard products, BENDINI also provides solutions tailored to project conditions and customer needs. The BENDINI design team, works to design systems and provide necessary project solutions in the shortest possible time.

BENDINI provides extensive support and technical services to architects, construction contractors, and door and window manufacturers, striving to create a network of loyal customers through expanding its activities. BENDINI's research and development team is dedicated to developing aluminium systems, continuously offering unique solutions tailored to customer needs, and maintaining its position as a leader in the door, window, and building facade industry.

Babak Khakpoori
Head Of The Board
And
Managing Director

A handwritten signature in black ink, appearing to be 'Babak Khakpoori', written over the printed name.

CERTIFICATES
&
TECHNICAL SPECIFICATIONS

MECHANICAL PROPERTIES OF
6063 ALUMINIUM ALLOY
EXTRUDED PROFILES

PROPERTY	VALUE	RELATED STANDARDS
Alloy	6063 AlMgSi 0.5	EN 573-3 DIN 1725
Specific Gravity	2.71 g/cm ³	
Coefficient of thermal expansion (20-200°C)	23×10 ⁻⁶	
Modulus of Elasticity (*)	7000 N/mm ²	
Ultimate Tensile Strength (*) 6063-T5 (t<3mm)	160 N/mm ²	EN 755-2
Yield Strength (*) 6063-T5 (t<3mm)	130 N/mm ²	EN 755-2
Elongation A _{50 mm} (%) 6063-T5 (t<3mm)	6%	EN 755-2
Thickness of powder coating on visible surface	60 microns	QUALICOAT
Thickness of anodic oxide film (anodizing)	5 / 10 / 15 / 20 microns (According to exterior interior application of the extruded profile at the building)	QUALANOD

NOTS:

Values shown are informative. See related standards for the limit values.

(*) Mechanical property limits vary according to the thickness of the profile (EN 755-2)

Standards for dimensional tolerances of extruded aluminium profiles: EN 755-9 / EN 12020-2

Standards for extruded aluminium rods, bars and tubes: EN 755-3 / EN 755-4 / EN 755-5 / EN 755-6 / EN 755-8

The information contained in this document is a general guide for customers to the products available from BENDINI and no representation is made or warranty given in relation to this information or the products it describes.

**CHEMICAL ANALYSIS OF
6063 ALUMINIUM ALLOY
EXTRUDED PROFILES**

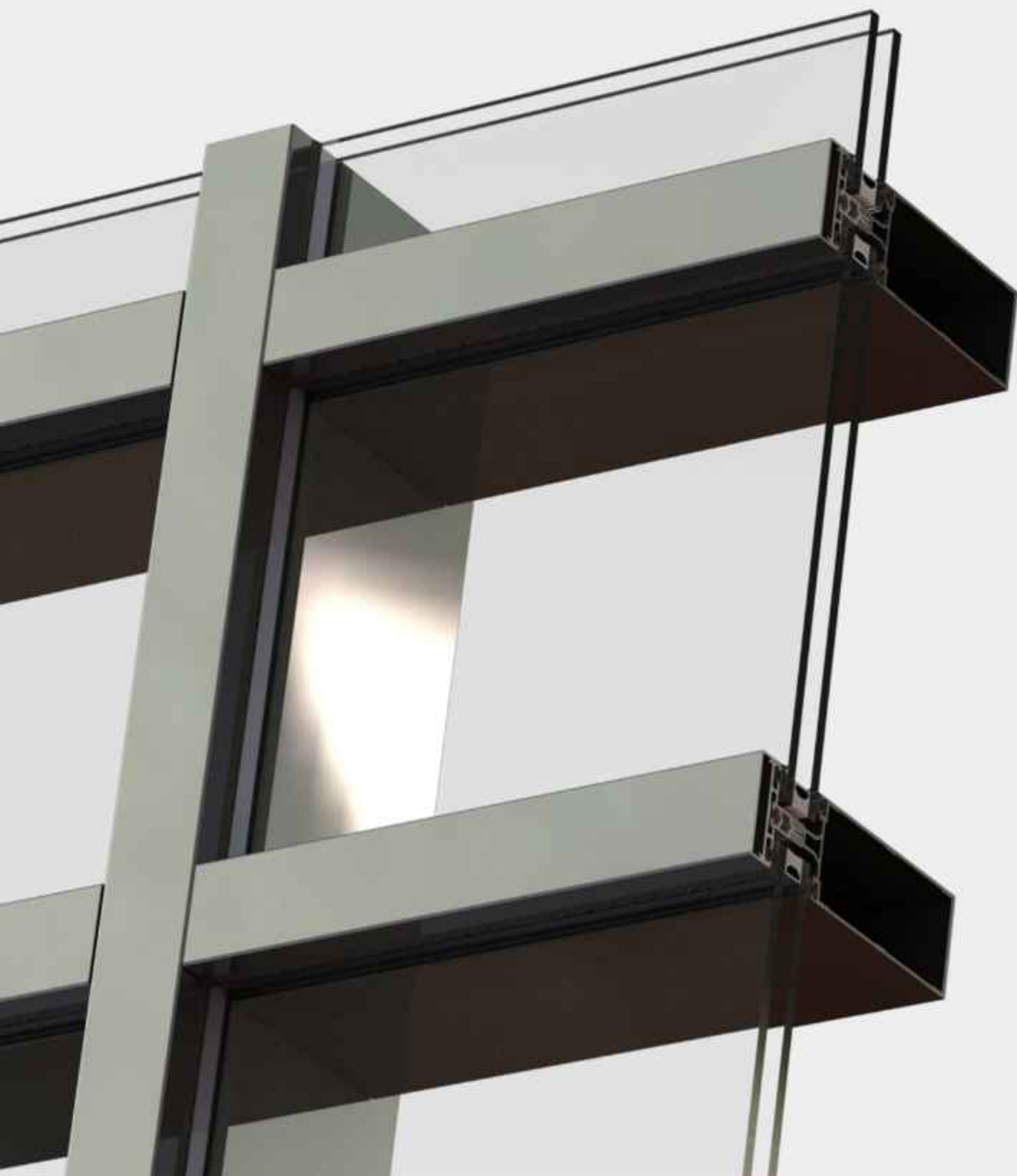
CONSTITUENT ELEMENT	MINIMUM (% by weight)	MAXIMUM (% by weight)
Aluminium (Al)	97.5%	99.35%
Magnesium (Mg)	0.45%	0.90%
Silicon (Si)	0.20%	0.60%
Iron (Fe)	0	0.35%
Chromium (Cr)	0	0.10%
Copper (Cu)	0	0.10%
Manganese (Mn)	0	0.10%
Titanium (Ti)	0	0.10%
Zinc (Zn)	0	0.10%
Other elements	0	0.15% total (0.05% each)

NOTS:

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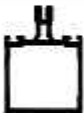
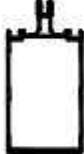
BC 50	001 - 051
SKYLIGHT	055 - 062
HT 70	065 - 127
HT 60	131 - 199
CURVED FACE HT 60	203 - 216
HN 55	219 - 236
HN 45 (ALDOKS)	239 - 249
HN 60	253 - 267
CURVED FACE HN 59	271 - 282
CURVED FACE HN 75	285 - 287
LST 135	291 - 371
WISDOM	375 - 428
ST 77	431 - 449
SN 75	454 - 466
SN 60	470 - 483
BALUSTRADE	487 - 500
ROLL SHUTTER	503 - 512
L 50	515 - 523
VERANDA	527 - 564
JULIET	567 - 575
STONE FIX	579 - 582
SOLAR SYSTEM	586 - 590
GENERAL	593 - 604

BC 50

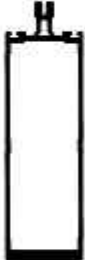
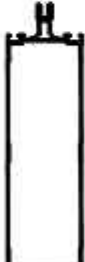


NOTE

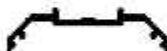
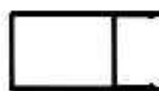
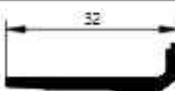
OVERVIEW OF PROFILES

DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE <i>Jx(cm4) / Jy (cm4)</i>
	11001	0.759	5.7mm Mullion and Transom Profile	4.3 / 5.2
	11003	1.371	50mm Mullion and Transom Profile	26.5 / 14.6
	11004	1.668	80mm Mullion and Transom Profile	69.6 / 21
	11005	1.889	100mm Mullion and Transom Profile	117.9 / 25.7
	11015	1.951	106mm Mullion and Transom Profile	136 / 24
	11006	2.615	120mm Mullion and Transom Profile	244.7 / 32.9
	11007	2.128	126mm Mullion and Transom Profile	199.7 / 30.8
	11017	3.311	150mm Mullion and Transom Profile	45.54 / 42.88

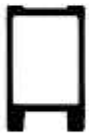
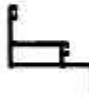
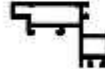
OVERVIEW OF PROFILES

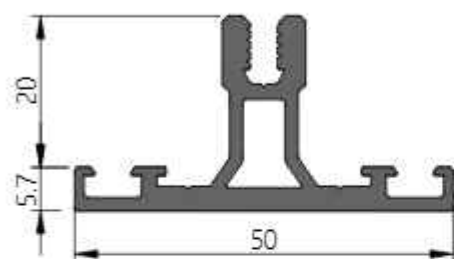
DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE $I_x(\text{cm}^4) / I_y(\text{cm}^4)$
	11008	2.843	150mm Mullion and Transom Profile	389.3 / 38.7
	11009	2.420	156mm Mullion and Transom Profile	320 / 36.8
	11010	4.680	180mm Mullion and Transom Profile	920 / 59
	11016	2.955	180mm Mullion and Transom Profile	516 / 45
	11011	3.193	186mm Mullion and Transom Profile	556 / 51

OVERVIEW OF PROFILES

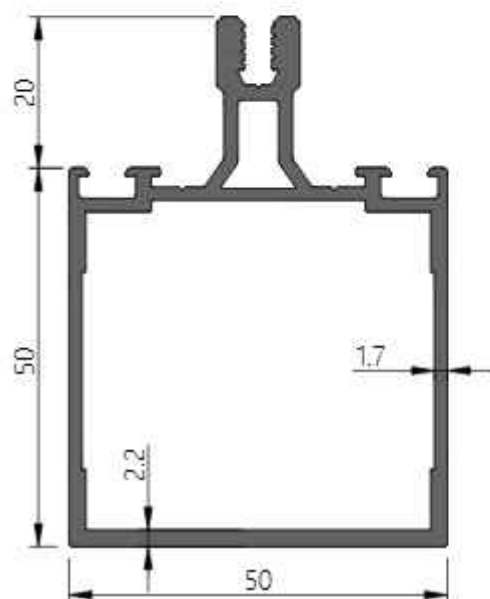
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	11201	0.368	Pressure Plate	0.07 / 2.9
	11204	0.552	Pressure Plate	1.29 / 5.85
	11203	1.100	Pressure Plate	/
	11206	0.276	Cover Cap Profile	/
	11207	0.342	Cover Cap Profile	/
	11212	1.456	Cover Cap Profile	25.32 / 52.57
	11214	3.311	Cover Cap Profile	38.65 / 184.69
	11213	0.345	Pressure Plate	0.1 / 2.60
	11211	0.867	Cover Cap Profile	5.1 / 48.18
	11222	0.166	Glazing Adaptor	/
	11223	0.202	Glazing Adaptor	/
	11504	0.235	Glazing Adaptor	/
	11503	0.109	Glazing Adaptor	/
	11241	0.325	Single Toggle	/
	11242	0.388	Single Toggle	/
	11231	0.220	Glass Support	/

OVERVIEW OF PROFILES

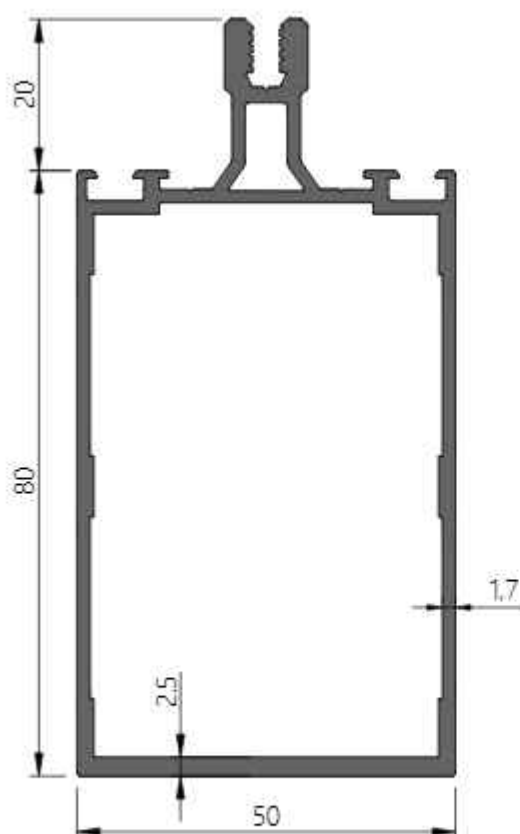
DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE <i>I_x(cm⁴) / I_y(cm⁴)</i>
	11232	0.265	Glass Support	/
	10420	2.472	Mullion Reinforcement	76.30 / 35
	10421	0.205	Reinforcement Cover Cap	/
	11304	1.575	T Connection	9.4 / 6.9
	11306	0.385	T Connection	/
	11303	1.351	T Connection	10.80 / 8.16
	11301	7.880	Dilation Profile	1184.3 / 78.26
	11501	0.752	Intergration Outer Frame	1.9 / 14.4
	11502	0.972	Casement Sash Profile	2.86 / 16.69



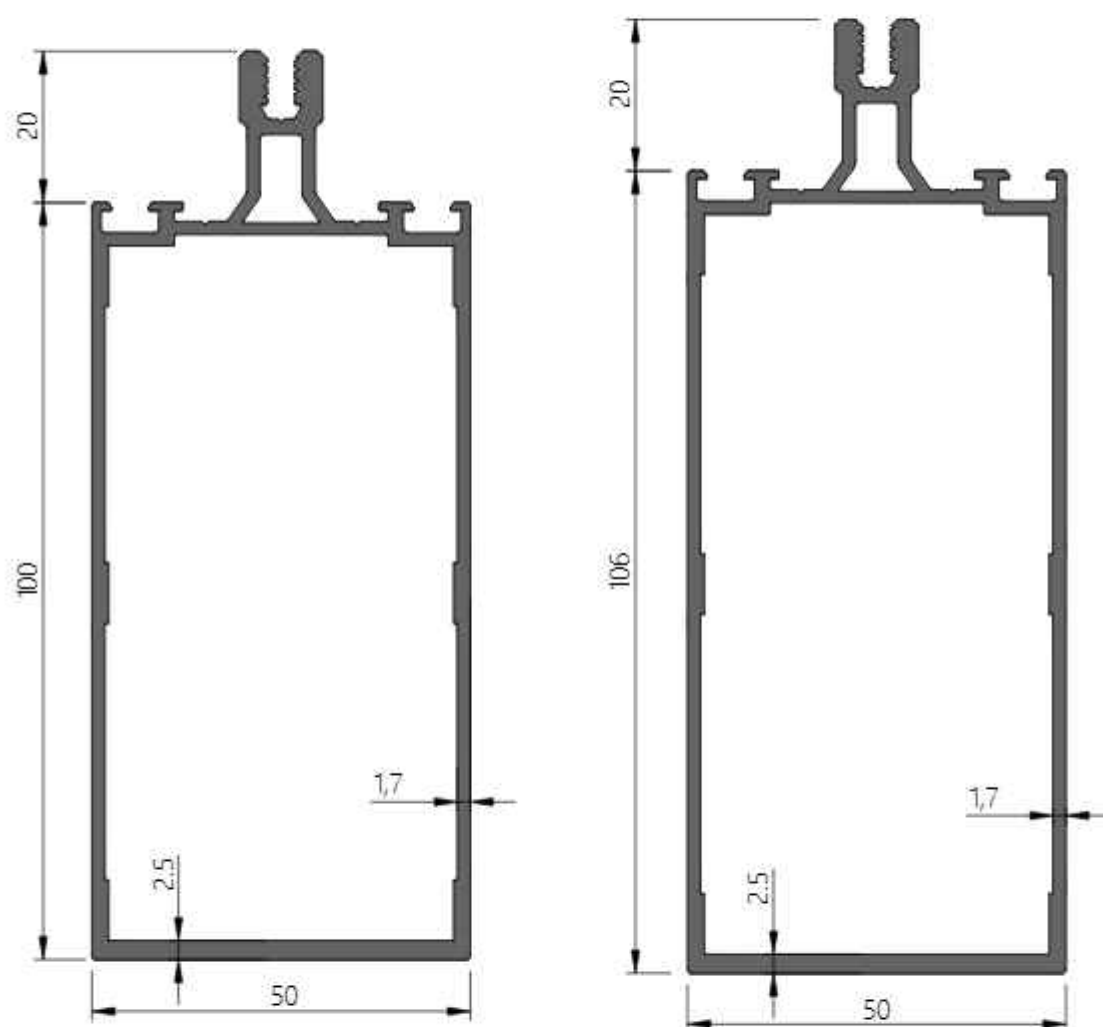
J_x	J_y	Profile Code	Weight (Kg/m)
4.3	5.2	11001	0.759



J_x	J_y	Profile Code	Weight (Kg/m)
26.5	14.6	11003	1.371

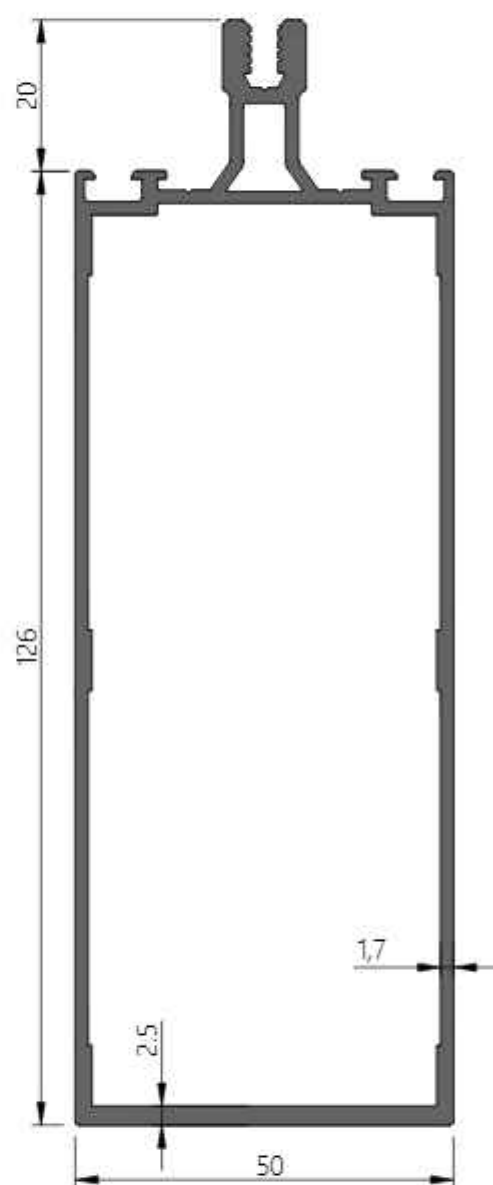
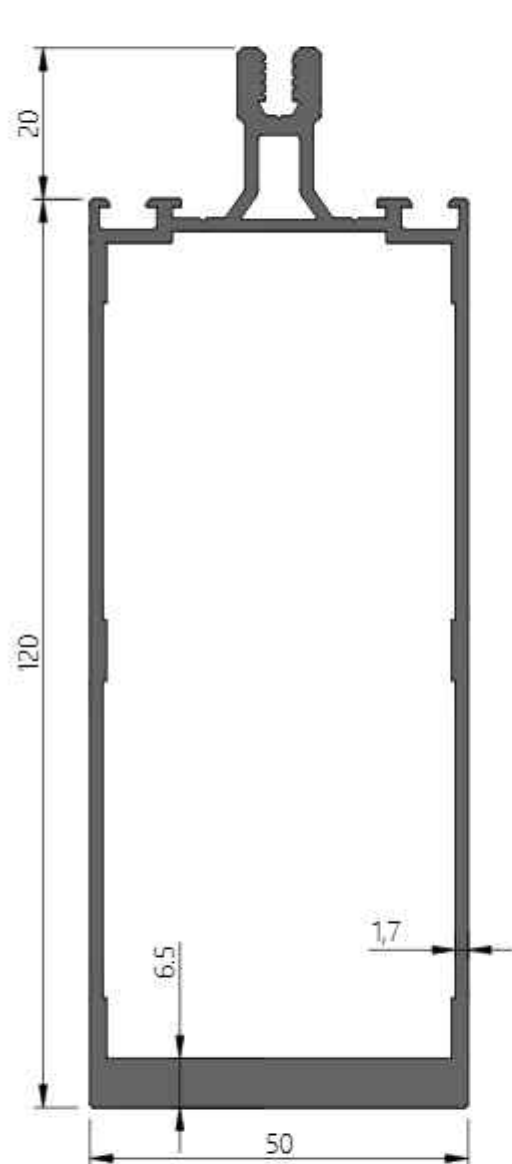


J_x	J_y	Profile Code	Weight (Kg/m)
69.6	21	11004	1.668



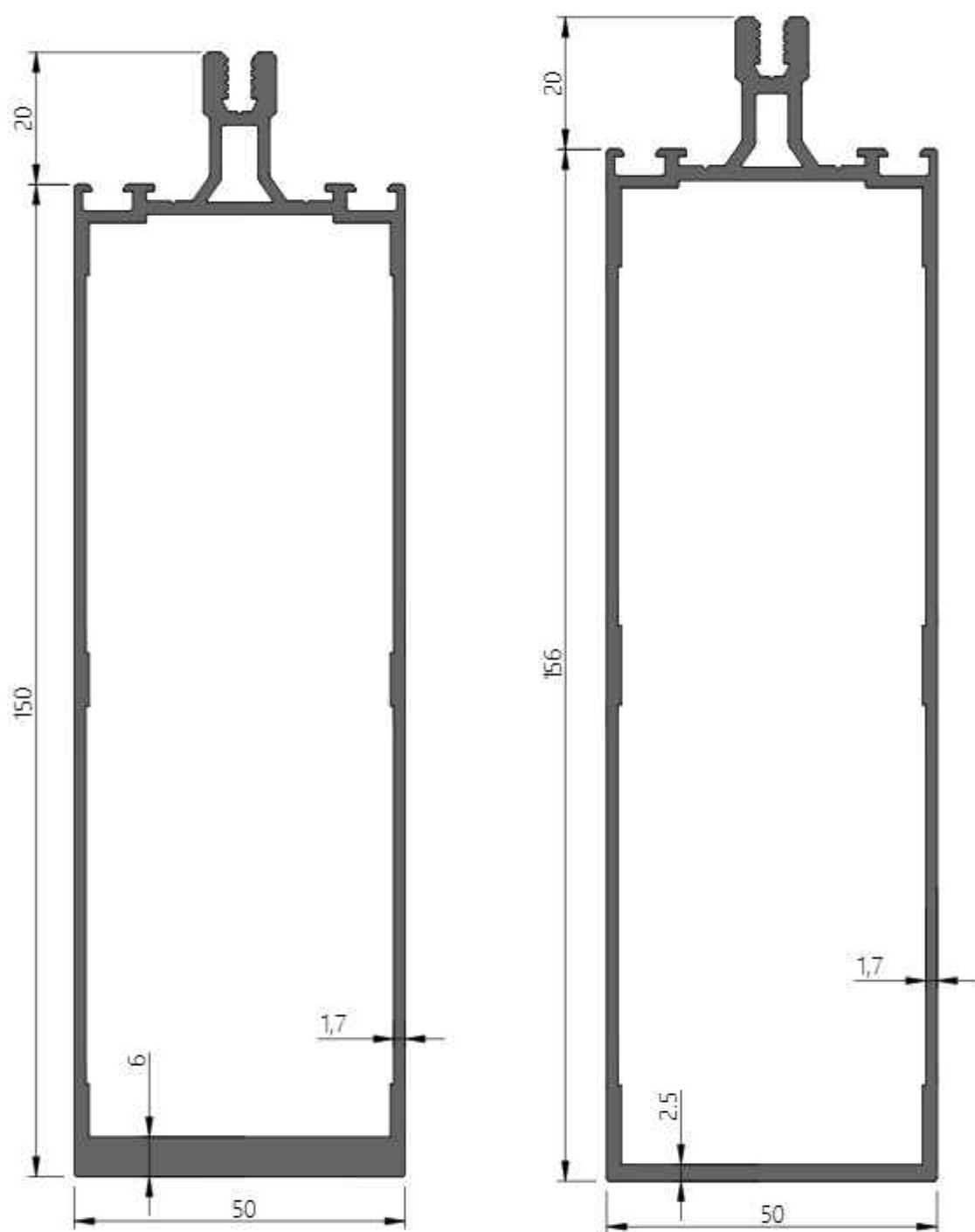
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117.9	25.7	11005	1.889

Jx	Jy	Profile Code	Weight (Kg/m)
136	24	11015	1.951



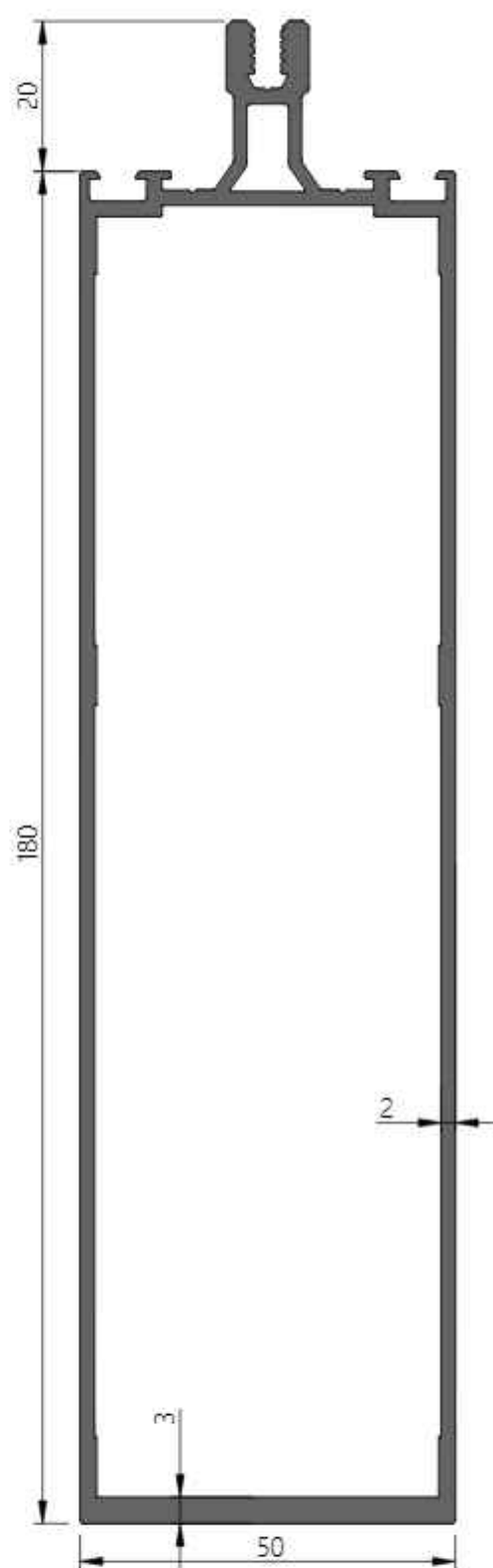
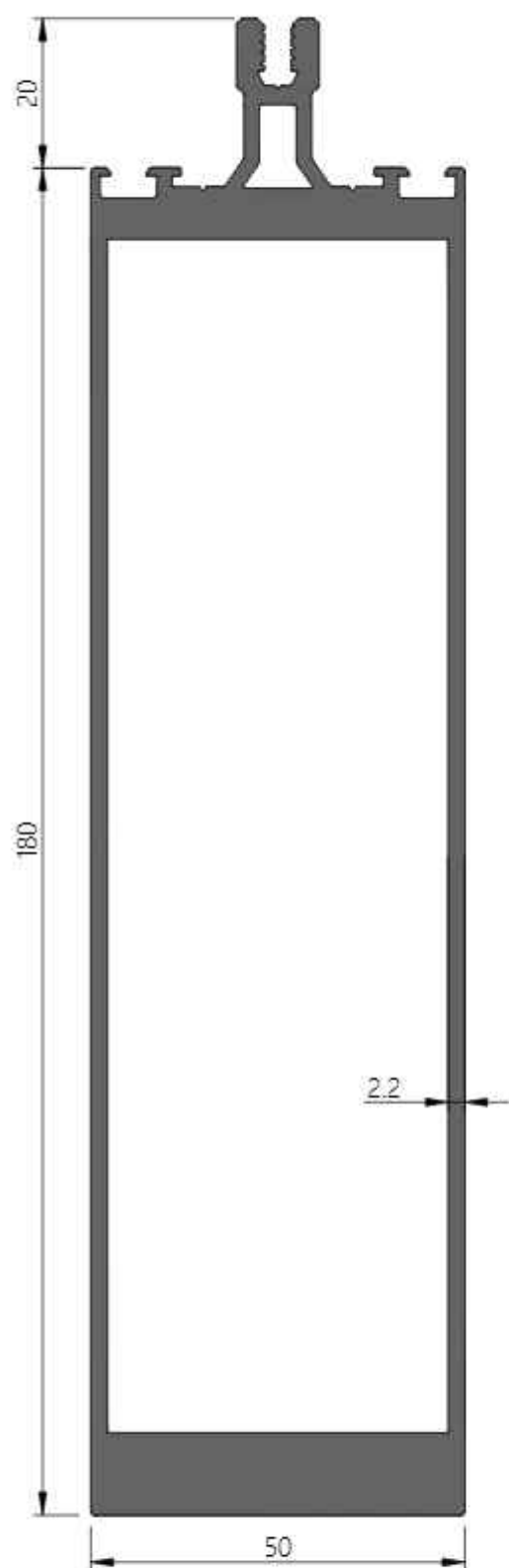
Jx	Jy	Profile Code	Weight (Kg/m)
244.7	32.9	11006	2.615

Jx	Jy	Profile Code	Weight (Kg/m)
199.7	30.8	11007	2.128



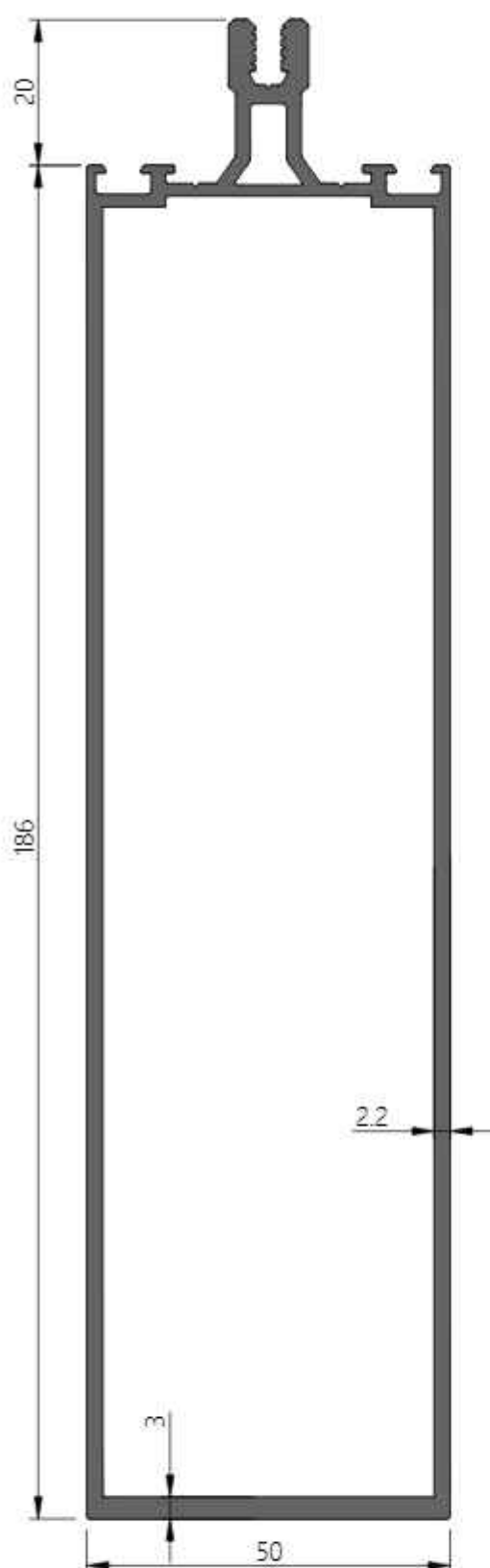
Jx	Jy	Profile Code	Weight (Kg/m)
389.3	38.7	11008	2.843

Jx	Jy	Profile Code	Weight (Kg/m)
320	36.8	11009	2.420

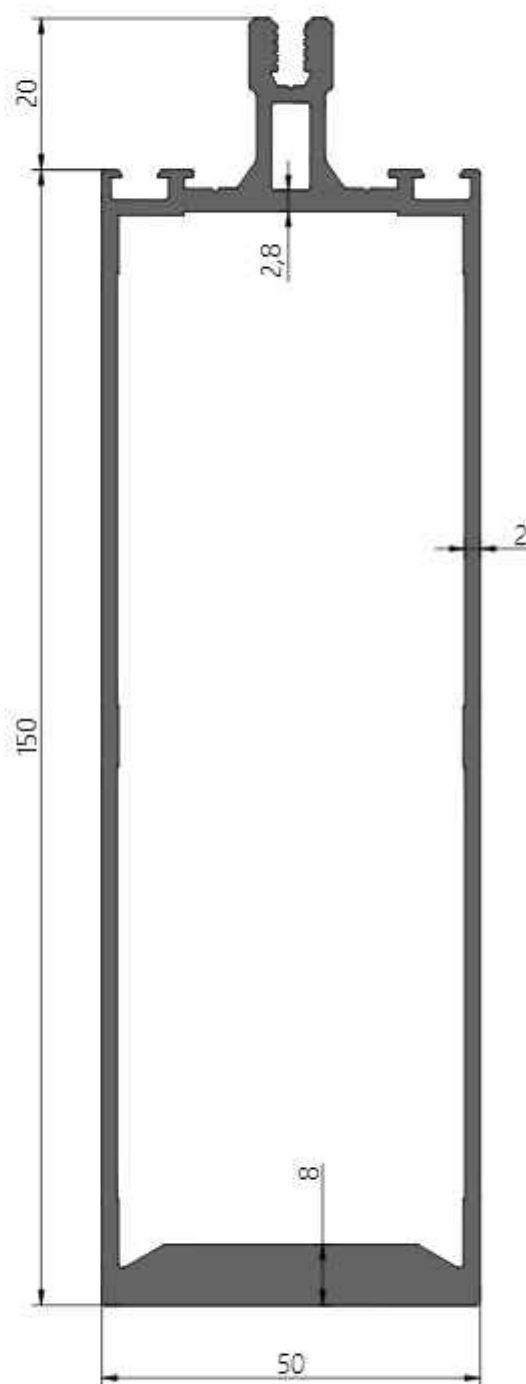


Jx	Jy	Profile Code	Weight (Kg/m)
920	59	11010	4.680

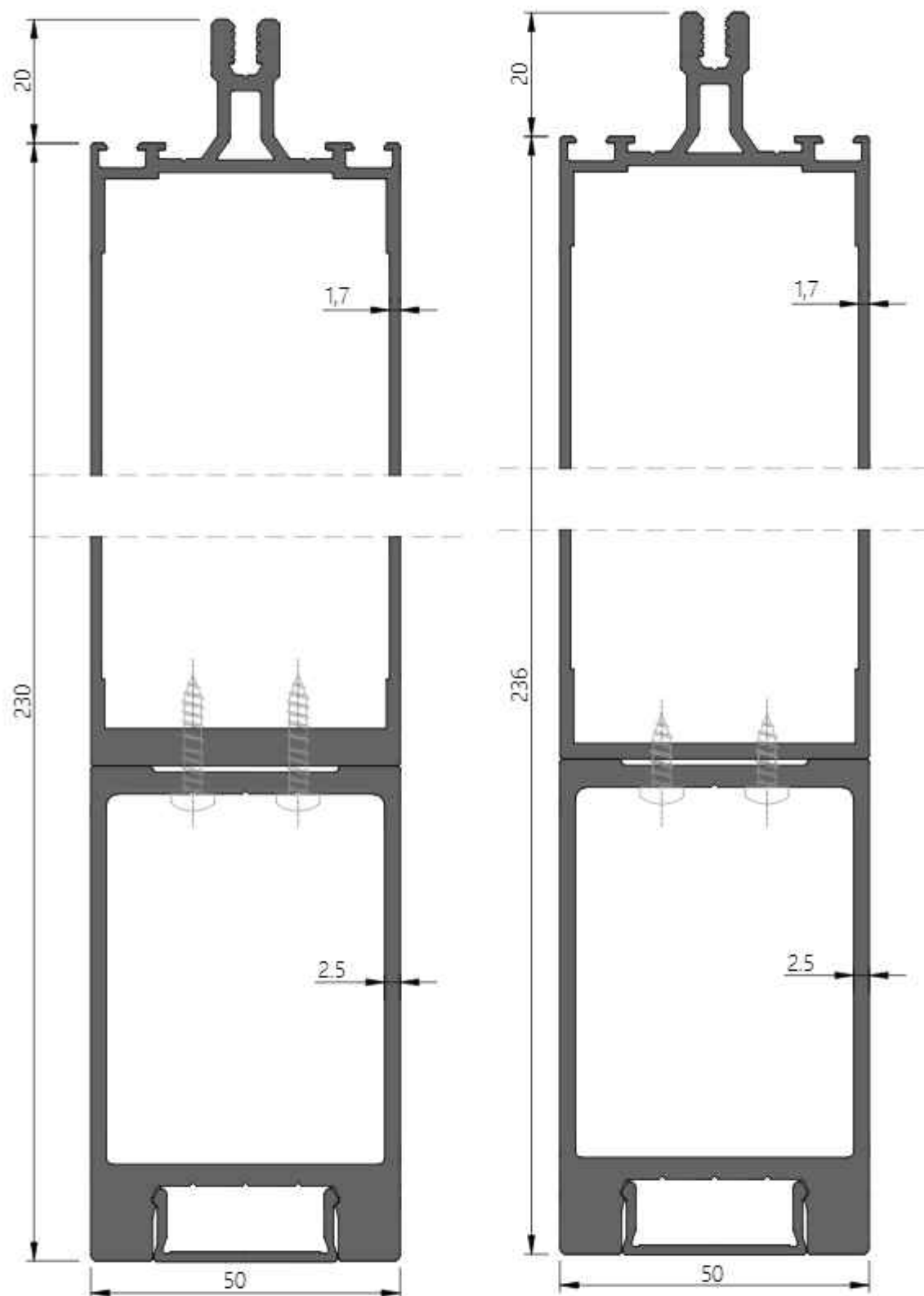
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516	45	11016	2.955



Jx	Jy	Profile Code	Weight (Kg/m)
556	51	11011	3.193

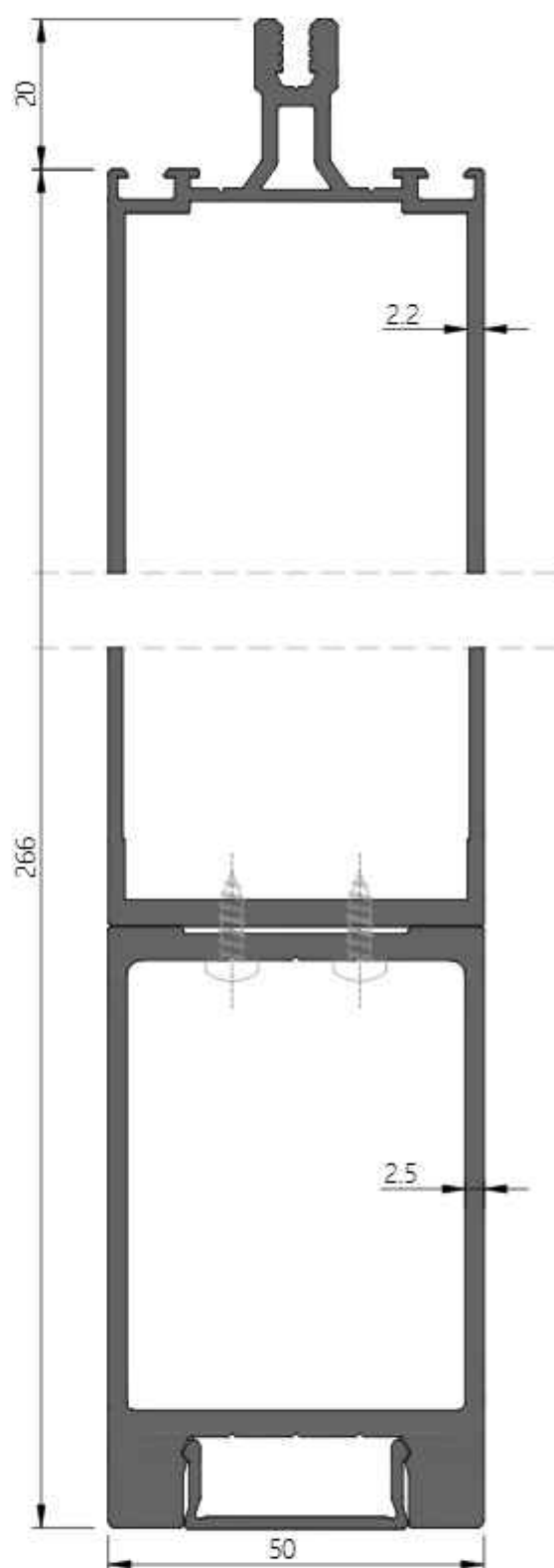
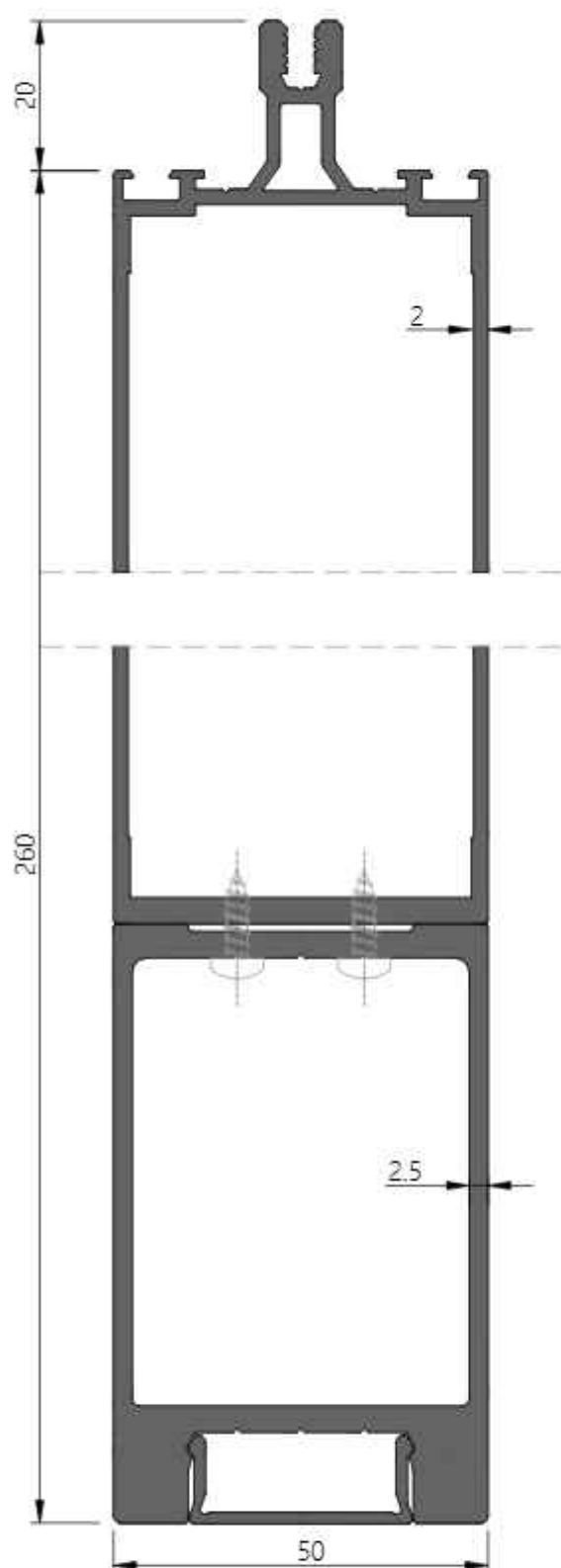


Jx	Jy	Profile Code	Weight (Kg/m)
455	42.8	11017	3.311



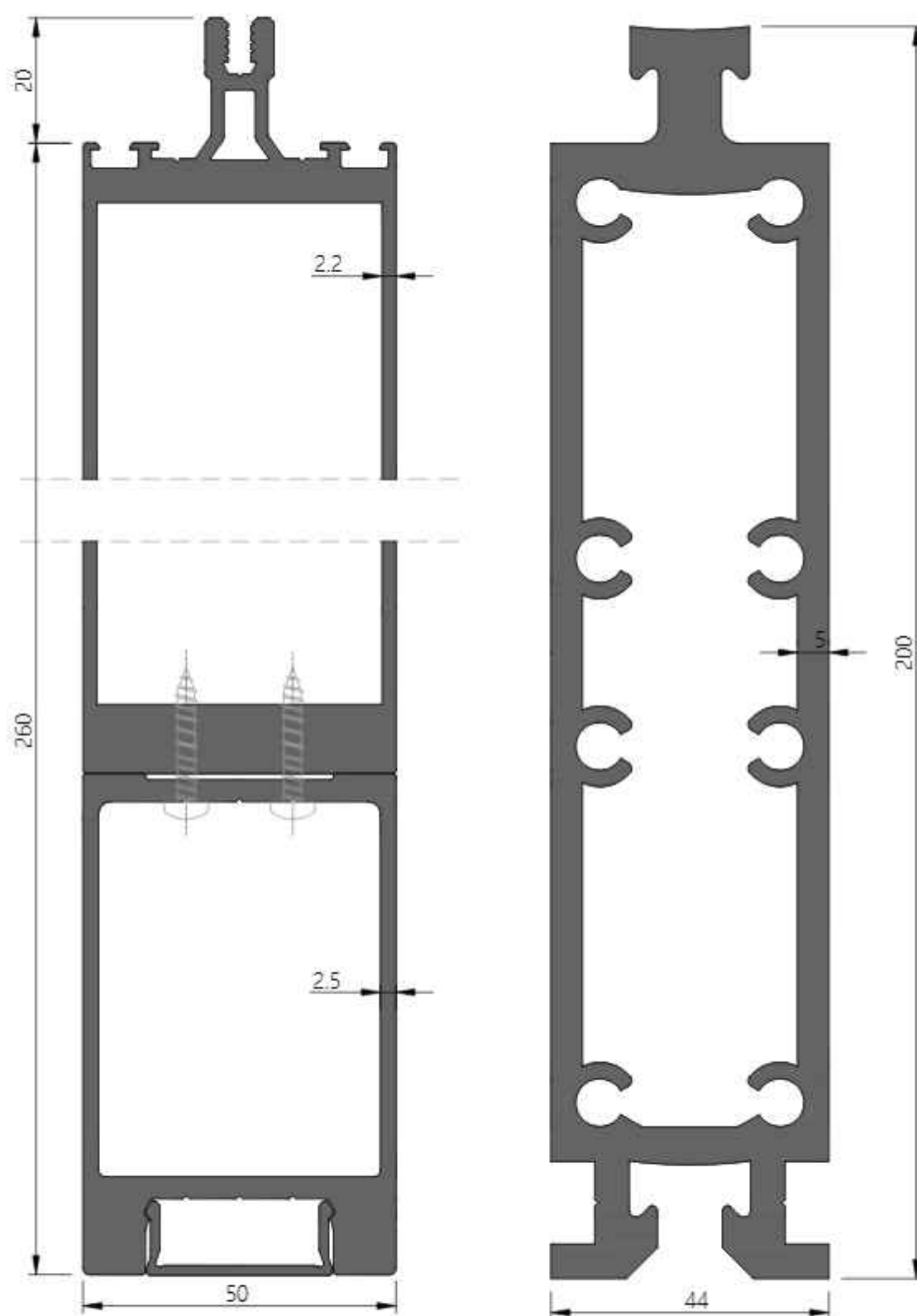
Jx	Jy	Profile Code	Weight (Kg/m)
1135	73	11008+10420	5.520

Jx	Jy	Profile Code	Weight (Kg/m)
1241	72	11009+10420	5.087



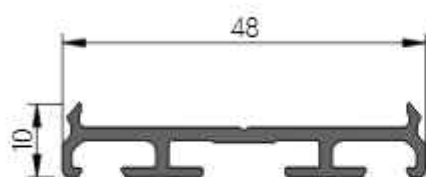
Jx	Jy	Profile Code	Weight (Kg/m)
1582	80	11016+10420	5.632

Jx	Jy	Profile Code	Weight (Kg/m)
1670	85	11011+10420	5.870

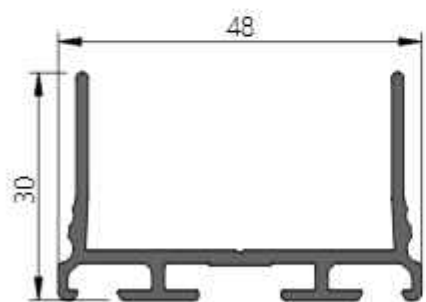


Jx	Jy	Profile Code	Weight (Kg/m)
2100	95	11010+10420	7.240

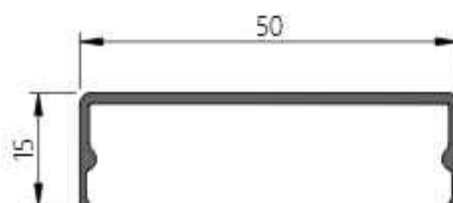
Profile Name	Profile Code	Weight (Kg/m)
Dilation Profile	11301	7.880



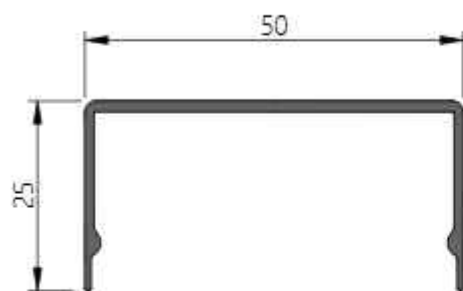
Profile Name	Profile Code	Weight (Kg/m)
Pressure Plate	11201	0.368



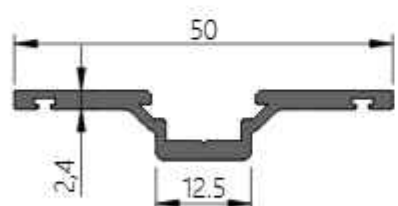
Profile Name	Profile Code	Weight (Kg/m)
Pressure Plate	11204	0.552



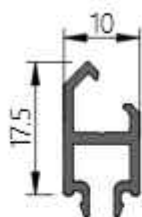
Profile Name	Profile Code	Weight (Kg/m)
Cover Cap Profile	11206	0.276



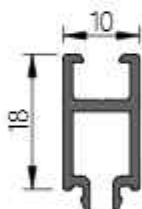
Profile Name	Profile Code	Weight (Kg/m)
Cover Cap Profile	11207	0.342



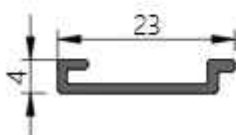
Profile Name	Profile Code	Weight (Kg/m)
Pressure Plate	11213	0.345



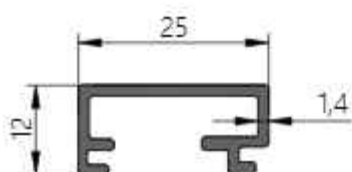
Profile Name	Profile Code	Weight (Kg/m)
Glazing Adaptor	11222	0.166



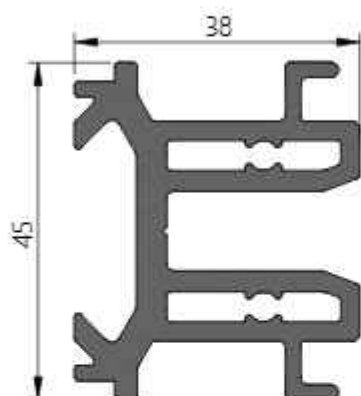
Profile Name	Profile Code	Weight (Kg/m)
Glazing Adaptor	11223	0.202



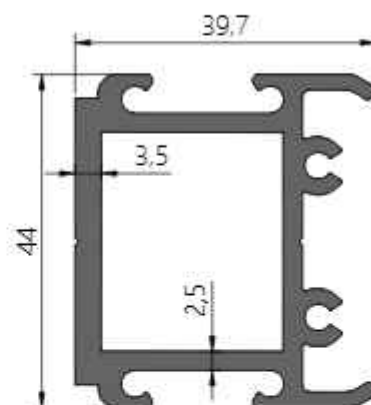
Profile Name	Profile Code	Weight (Kg/m)
Glazing Adaptor	11503	0.109



Profile Name	Profile Code	Weight (Kg/m)
Glazing Adaptor	11504	0.235



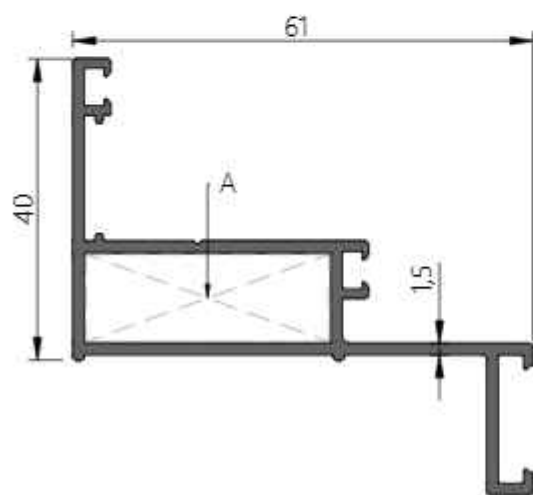
Profile Name	Profile Code	Weight (Kg/m)
T Connection	11304	1.575



Profile Name	Profile Code	Weight (Kg/m)
T Connection	11303	1.351

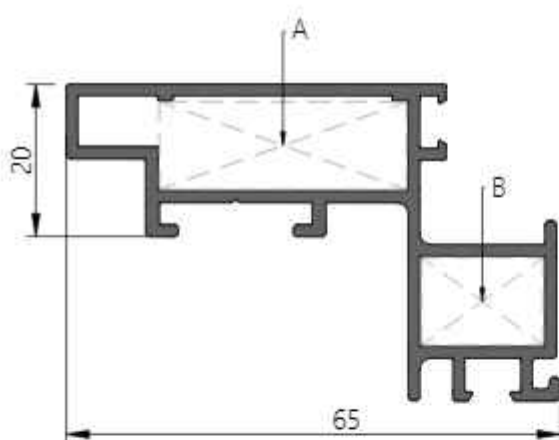


Profile Name	Profile Code	Weight (Kg/m)
T Connection	11306	0.385



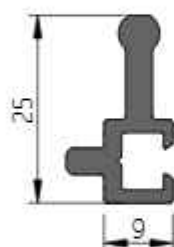
Profile Name	Profile Code	Weight (Kg/m)
Intergration Outer Frame	11501	0.752

Corner Cleat	A
	332-1 32.2mm

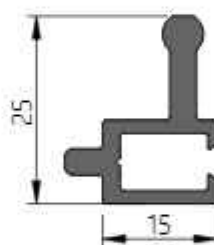


Profile Name	Profile Code	Weight (Kg/m)
Casement Sash Profile	11502	0.972

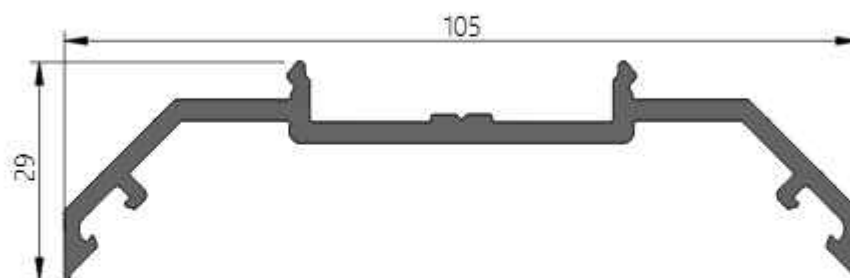
Corner Cleat	A	B
	332-2 32.6mm	332-3 16.2mm



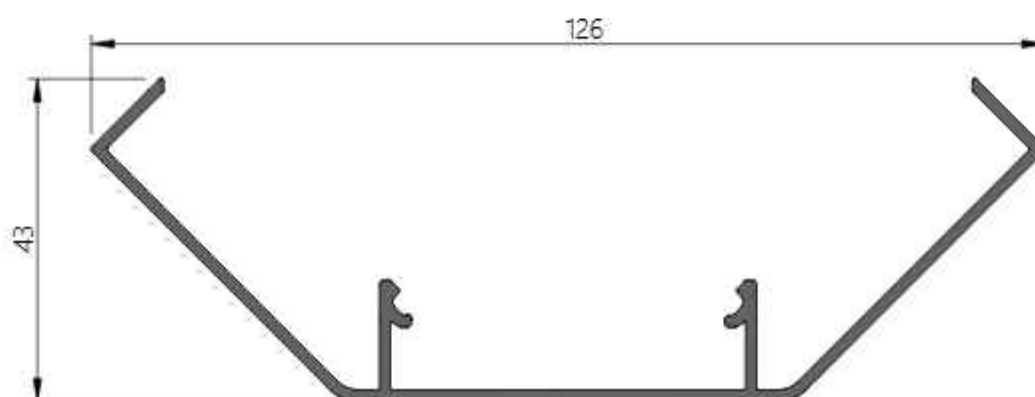
Profile Name	Profile Code	Weight (Kg/m)
Single Toggle	11241	0.325



Profile Name	Profile Code	Weight (Kg/m)
Single Toggle	11242	0.388



Profile Name	Profile Code	Weight (Kg/m)
Pressure Plate	11203	1.100



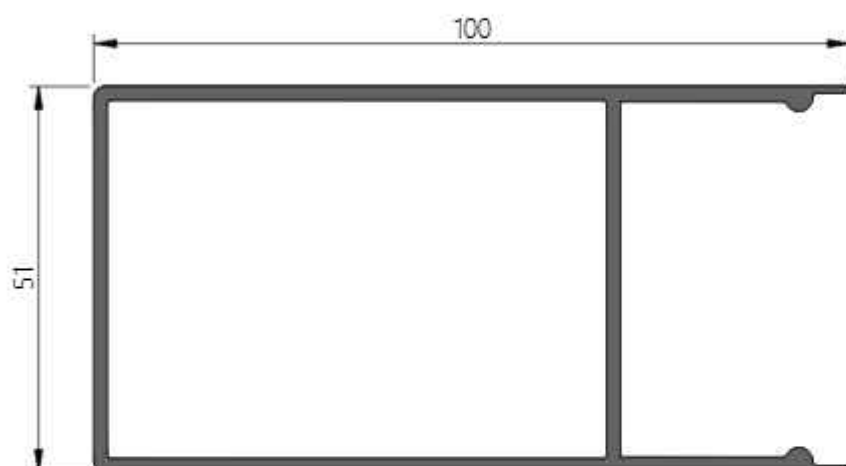
Profile Name	Profile Code	Weight (Kg/m)
Cover Cap Profile	11211	0.867



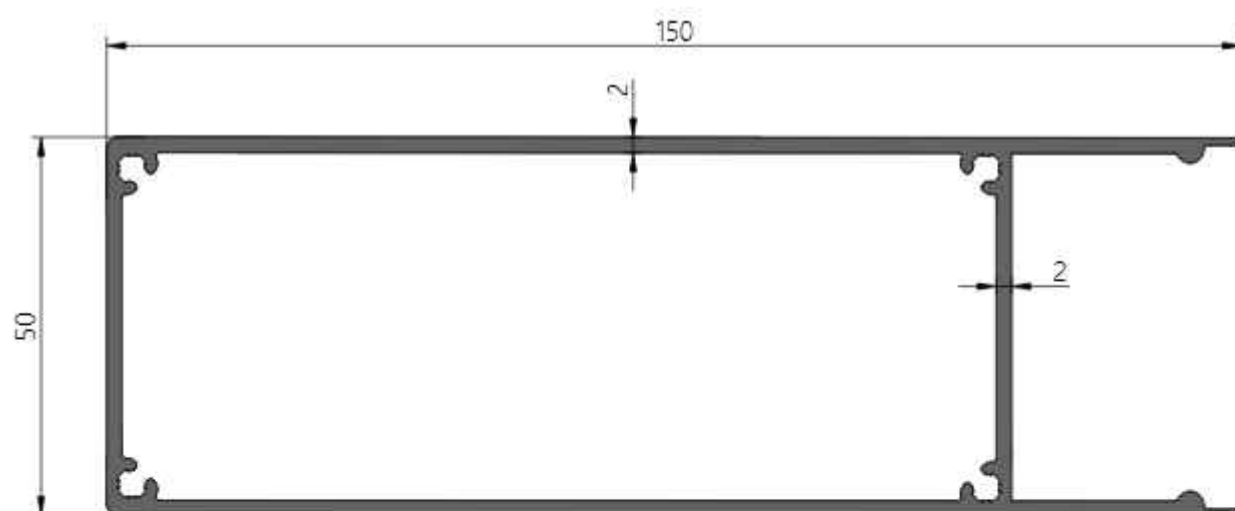
Profile Name	Profile Code	Weight (Kg/m)
Glass Support	11231	0.220



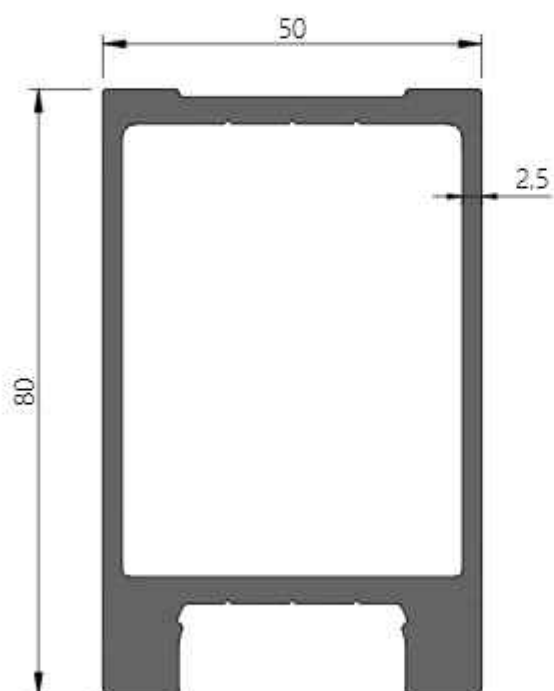
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Glass Support	11232	0.265



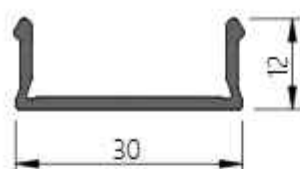
Profile Name	Profile Code	Weight (Kg/m)
Cover Cap Profile	11212	1.456



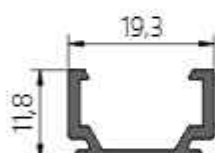
Profile Name	Profile Code	Weight (Kg/m)
Cover Cap Profile	11214	2.175



Profile Name	Profile Code	Weight (Kg/m)
Mullion Reinforcement	10420	2.472

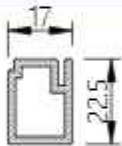
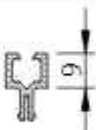
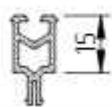
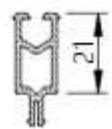


Profile Name	Profile Code	Weight (Kg/m)
Reinforcement Cover Cap	10421	0.205

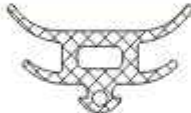
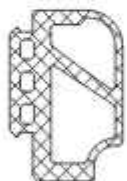
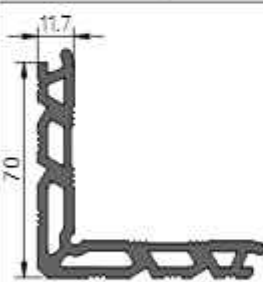


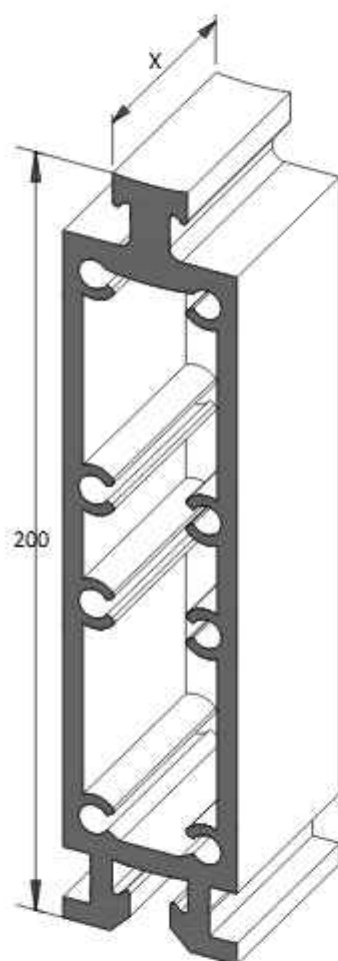
Profile Name	Profile Code	Weight (Kg/m)
Adaptor Profile	11505	0.163

ACCESSORIES

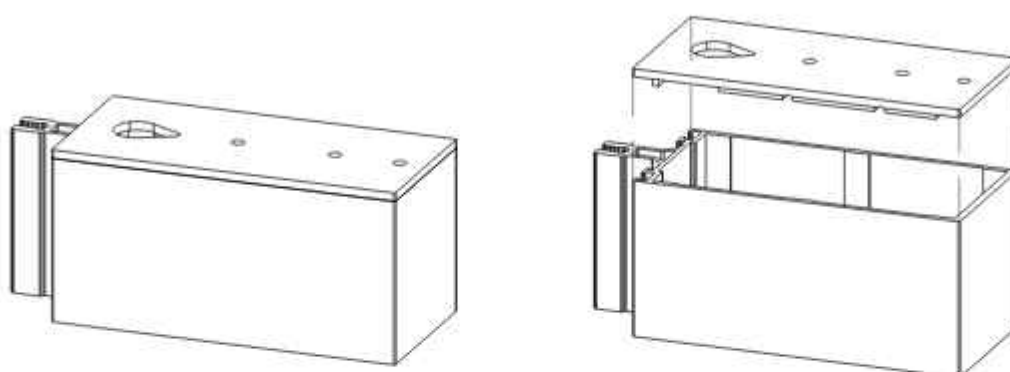
Drawing	Code	Description	Material
	P21	Support Block	PVC
	P15	Spacer Profile 9mm	
	P01	Spacer Profile 15mm	
	P02	Spacer Profile 21mm	
	G 101	Glazing Gasket 9mm	EPDM
	G 104	Glazing Gasket 3mm	
	G 106	Glazing Gasket 3mm	
	G 107	Glazing Gasket 4mm	
	G 119	Glazing Gasket 3mm	
	G109	Glazing Gasket	
	G 110	Gasket For Frame Profile	

ACCESSORIES

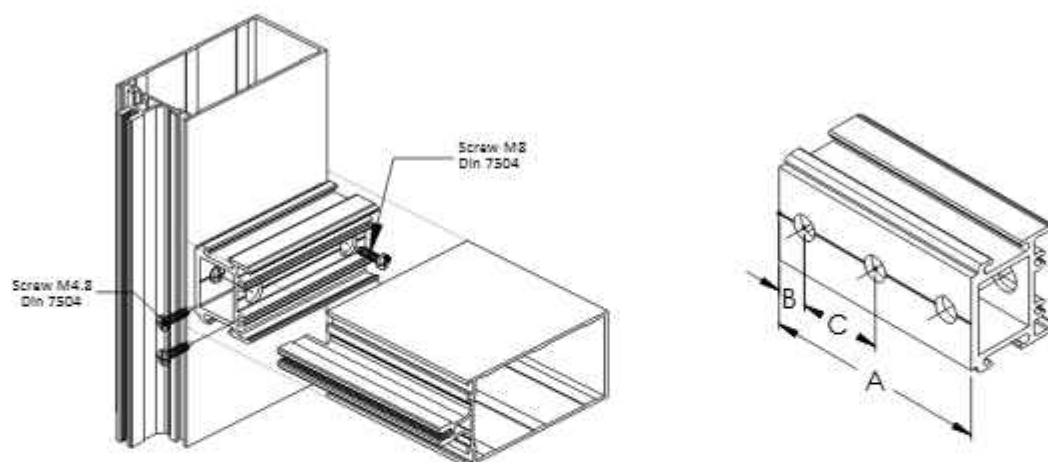
Drawing	Code	Description	Material
	G 114	Finishing Gasket	SILICONE
	G 112	Interior Overlap Gasket	EPDM
	G 113	Outside Barrier Gasket	
	G 210	Exterior Gasket	
	G 111	Gasket For Frame Profile	
	G 108	Interior Glazing Gasket 2mm	
	G 201	Interior Glazing Gasket 4mm	
	G 202	Interior Glazing Gasket 6mm	
	G 203	Interior Glazing Gasket 8mm	
	332-1	11501 Press Corner Cleat 32.2mm	ALUMINIUM
	332-2	11502 Press Corner Cleat 32.6mm	
	332-3	11502 Press Corner Cleat 16.2mm	



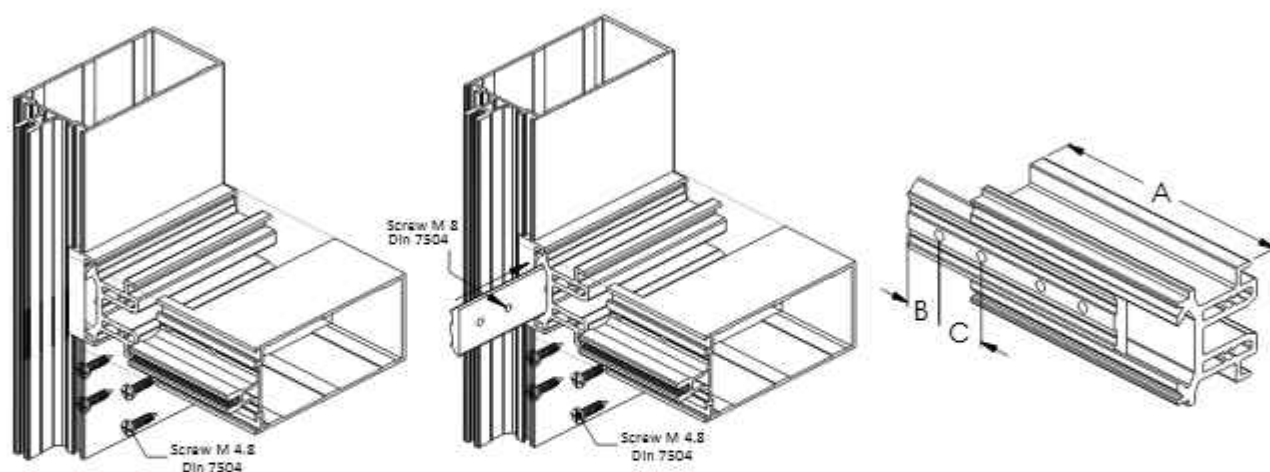
Mullion Code	Cutting Length (X)[mm]
11001	-
11003	41.5
11004	71.1
11005	91.2
11006	107.2
11007	117.2
11008	137.7
11009	147.7
11010	158.9
11011	176.7
11015	97.2
11016	169.9



Mullion Code	Sliding
11003	Collar 50
11004	Collar 80
11005	Collar 100
11006	Collar 120
11007	Collar 126
11008	Collar 150
11009	Collar 156
11010	Collar 180
11011	Collar 186
11015	Collar 106
11016	Collar 180

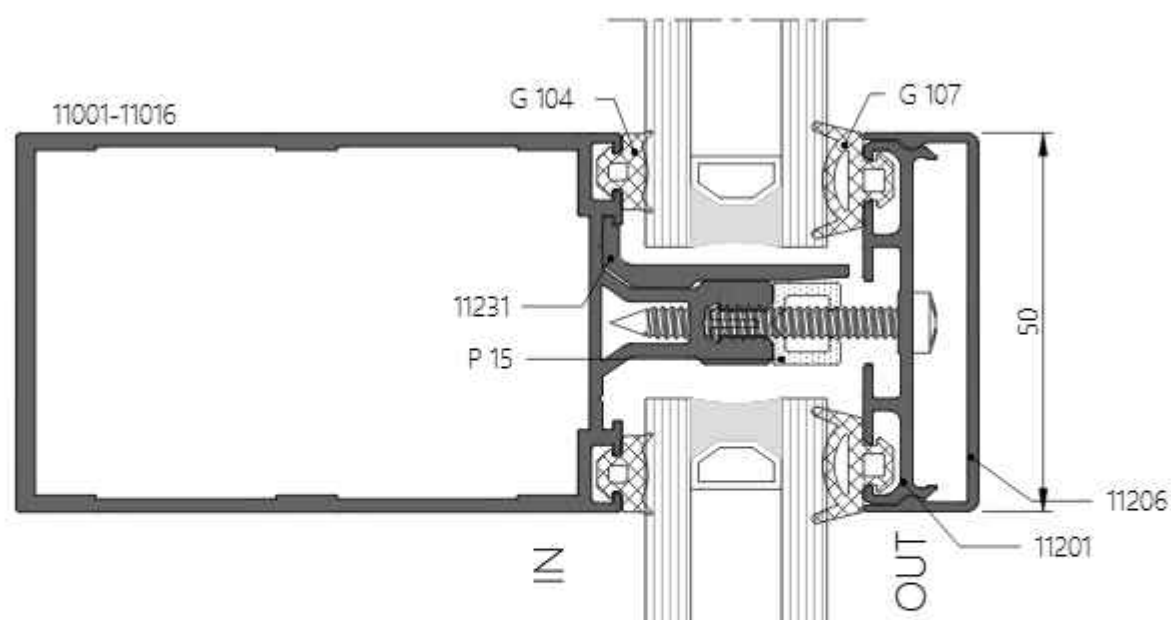
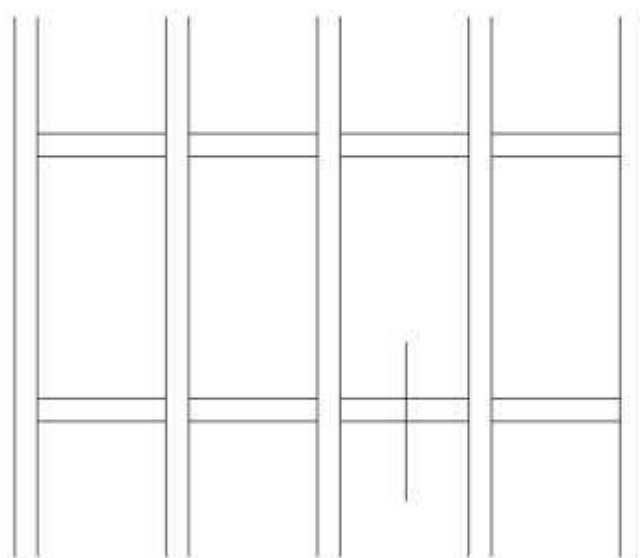


Mullion Code	A[mm]	B[mm]	C[mm]	Count Screw
11003	41.5	12	-	2
11004	71.1	12	24	2
11005	91.2	12	22.5	3
11006	107.2	12	20.5	4
11007	117.2	12	23.5	4
11008	137.7	12	22.5	5
11009	147.2	12	20.5	6
11010	158.9	12	22.5	6
11011	176.7	12	21.5	7
11015	97.2	12	24	3
11016	169.9	12	20.5	7
11017	135.4	12	22.5	5



Mullion Code	A[mm]	B[mm]	C[mm]	Count Screw	Collar Code
11003	41.5	12	41.5	2	Collar 50
11004	71.1	12	71.1	2	Collar 80
11005	91.2	12	91.2	3	Collar 100
11006	107.2	12	107.2	4	Collar 120
11007	117.2	12	117.2	4	Collar 126
11008	137.7	12	137.7	5	Collar 150
11009	147.2	12	41.5	6	Collar 156
11010	158.9	12	71.1	6	Collar 180
11011	176.7	12	91.2	7	Collar 192
11015	97.2	12	107.2	3	Collar 106
11016	169.9	12	117.2	7	Collar 180

TRANSOM DETAIL



HATCH GUIDE : ● Aluminium

● PolyAmid

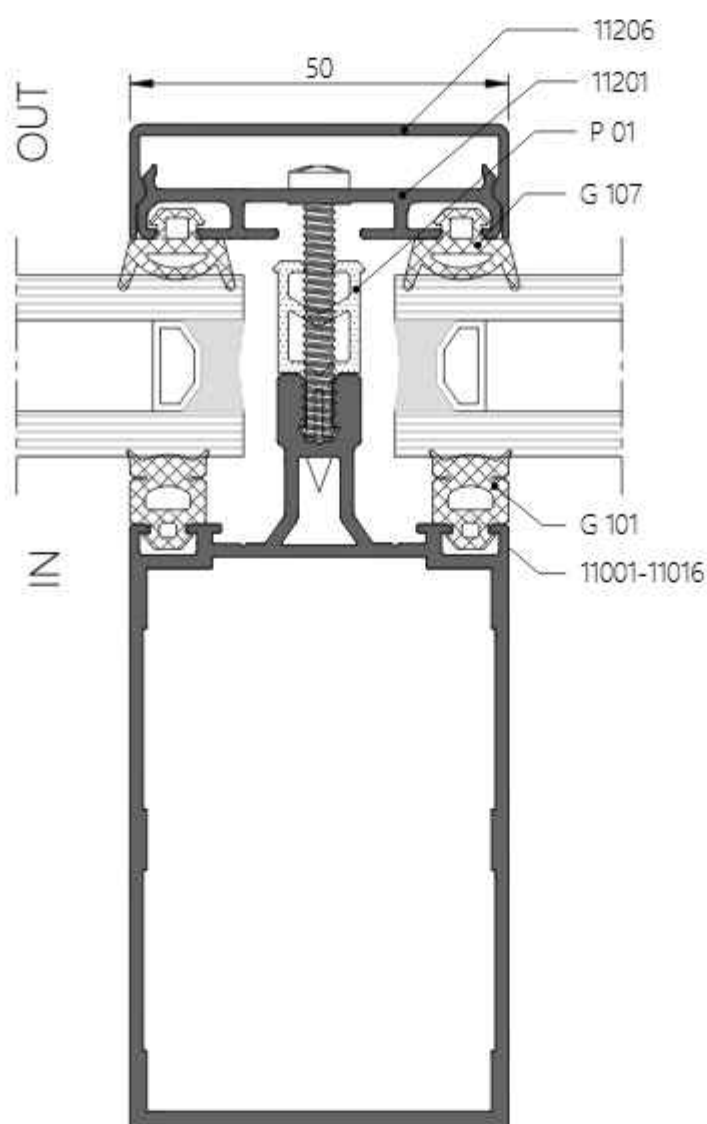
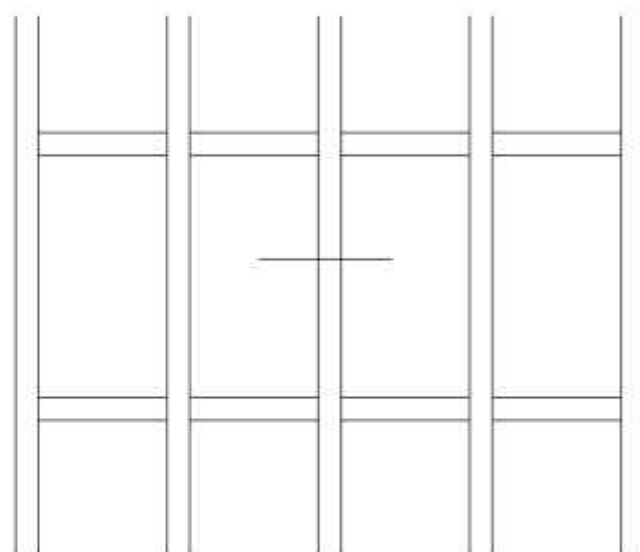
● PVC

● EPDM

● Sponge

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MULLION DETAIL



HATCH GUIDE :  Aluminium

 PolyAmid

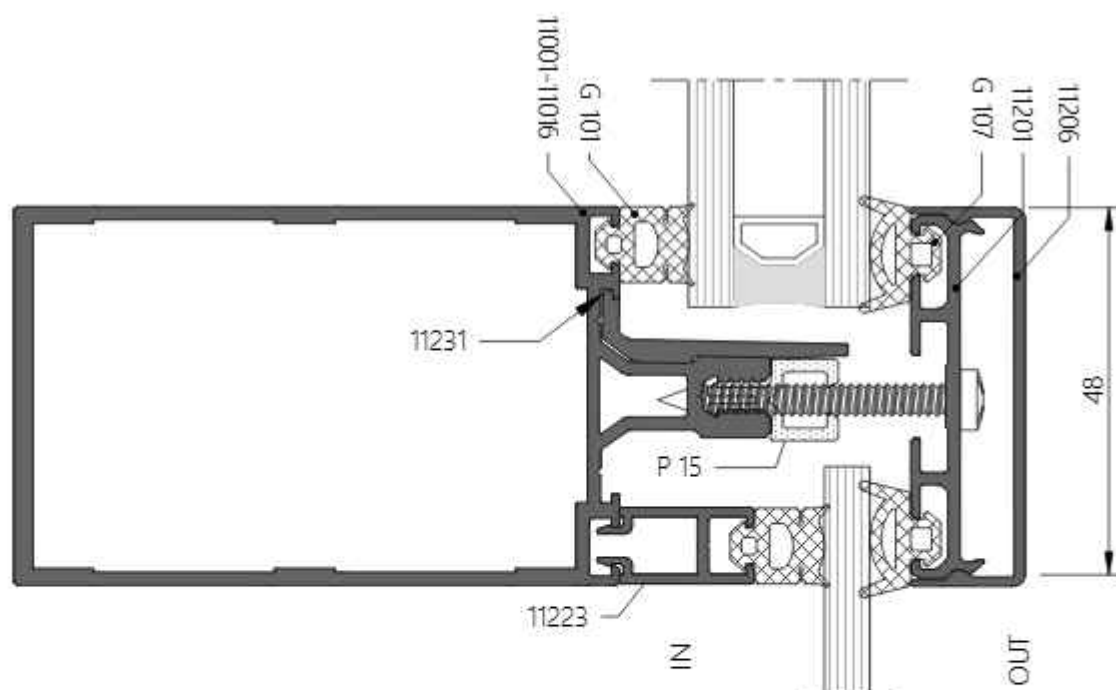
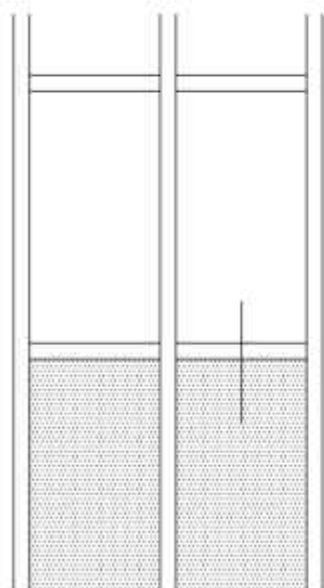
 PVC

 EPDM

 Sponge

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SPANDREL PANEL - TRANSOM DETAIL



HATCH GUIDE :  Aluminium

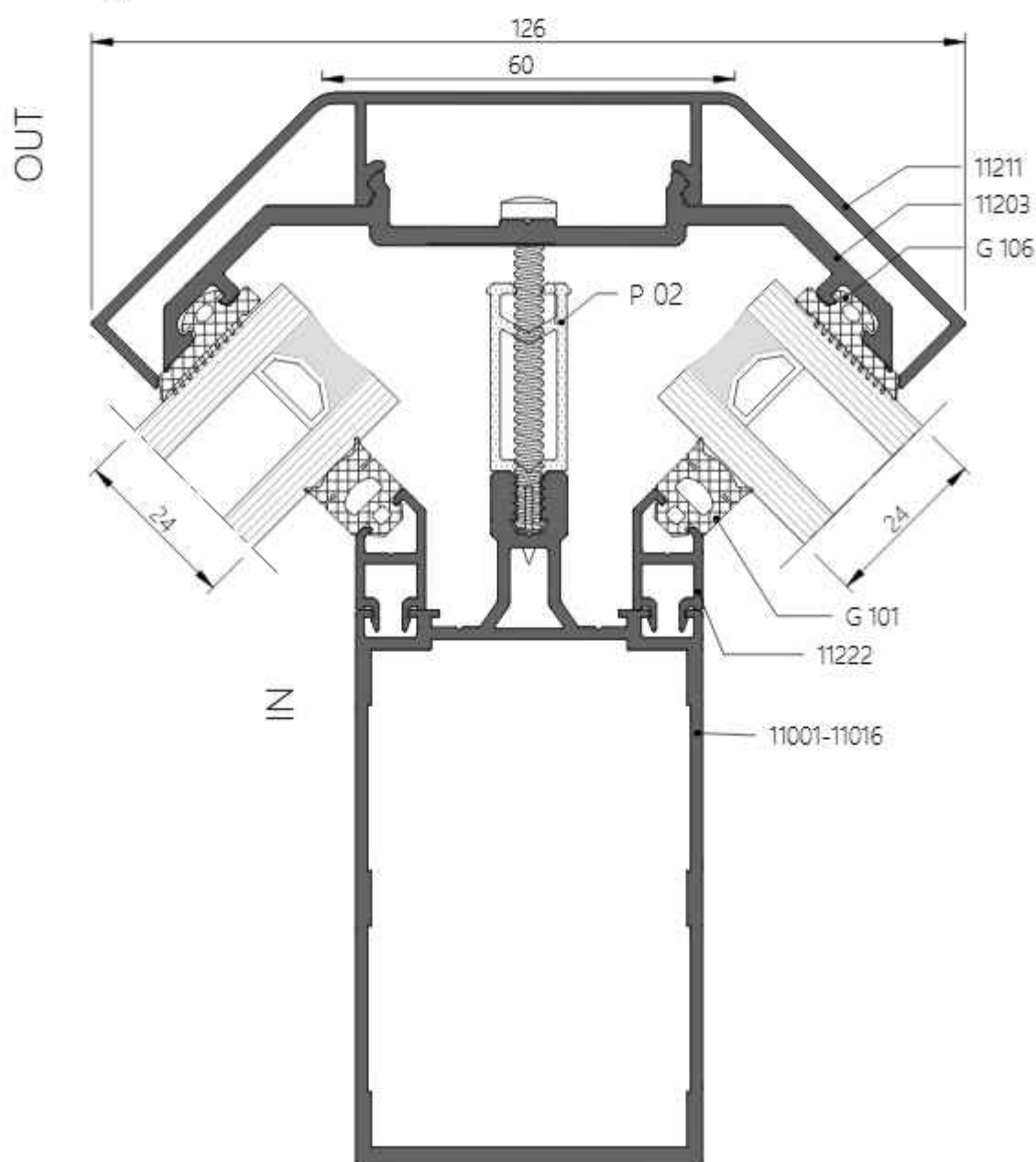
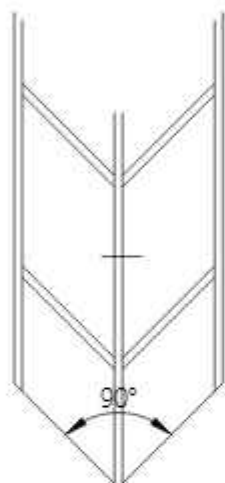
 PolyAmid

 PVC

 EPDM

 Sponge

90° OUTER TURN



HATCH GUIDE : ● Aluminium

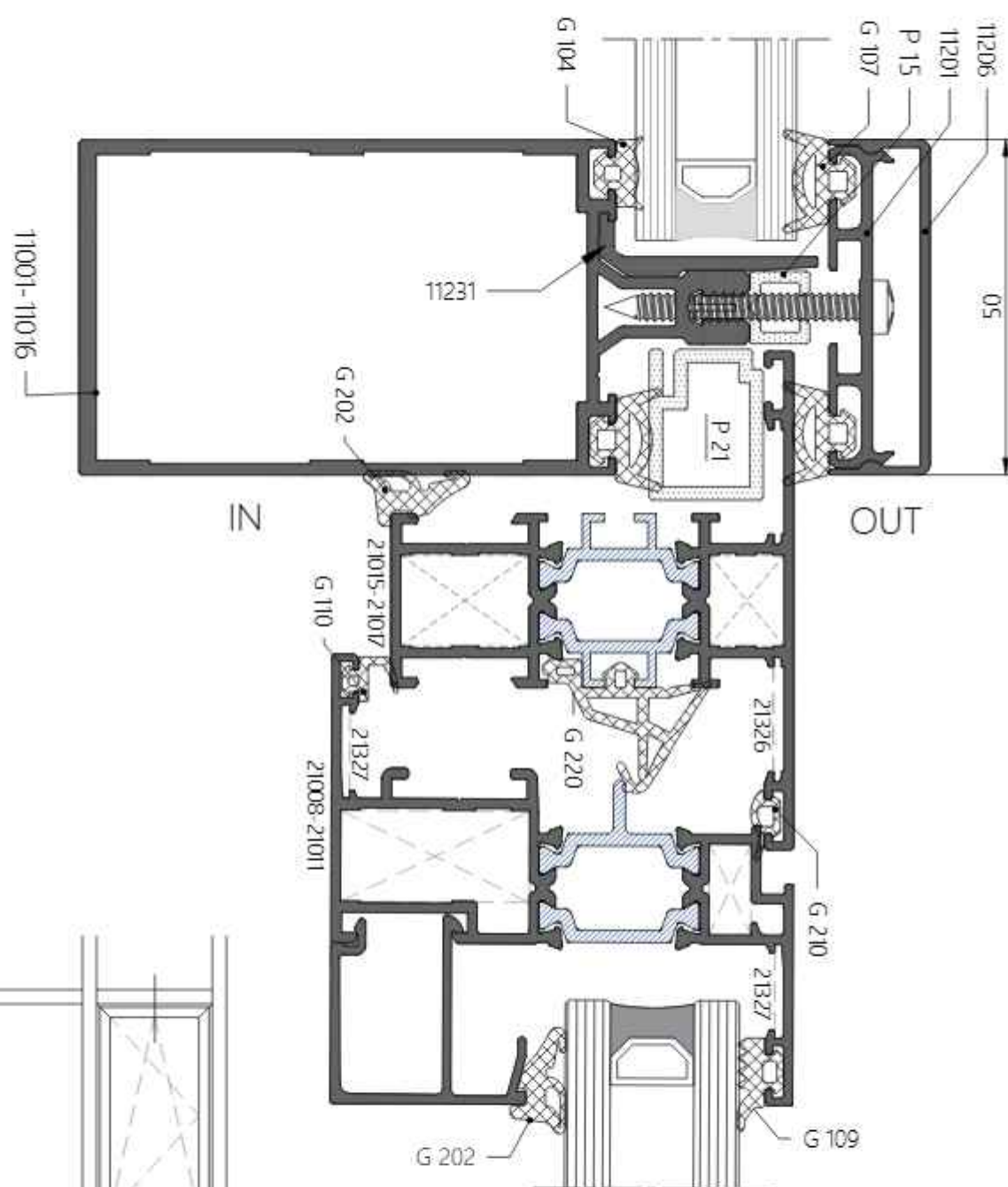
● PolyAmid

● PVC

● EPDM

● Sponge

HT 60 SYSTEM OPENING VENT IN CURTAIN WALL



HATCH GUIDE : ● Aluminium

● PolyAmid

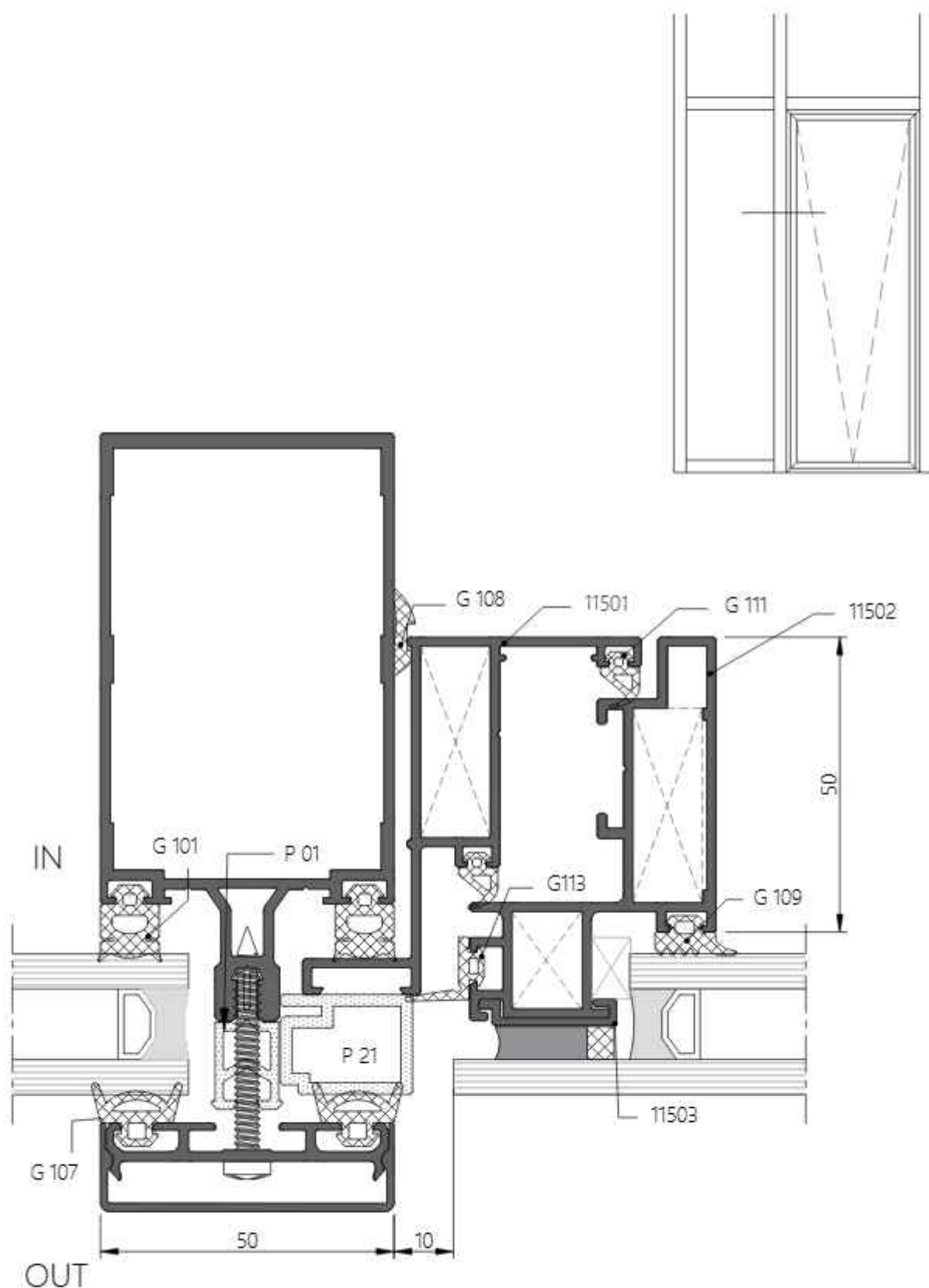
● PVC

● EPDM

● Sponge

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HIDDEN SASH DETAIL TRANSOM IN CURTAIN WALL



HATCH GUIDE : ● Aluminium

● PolyAmid

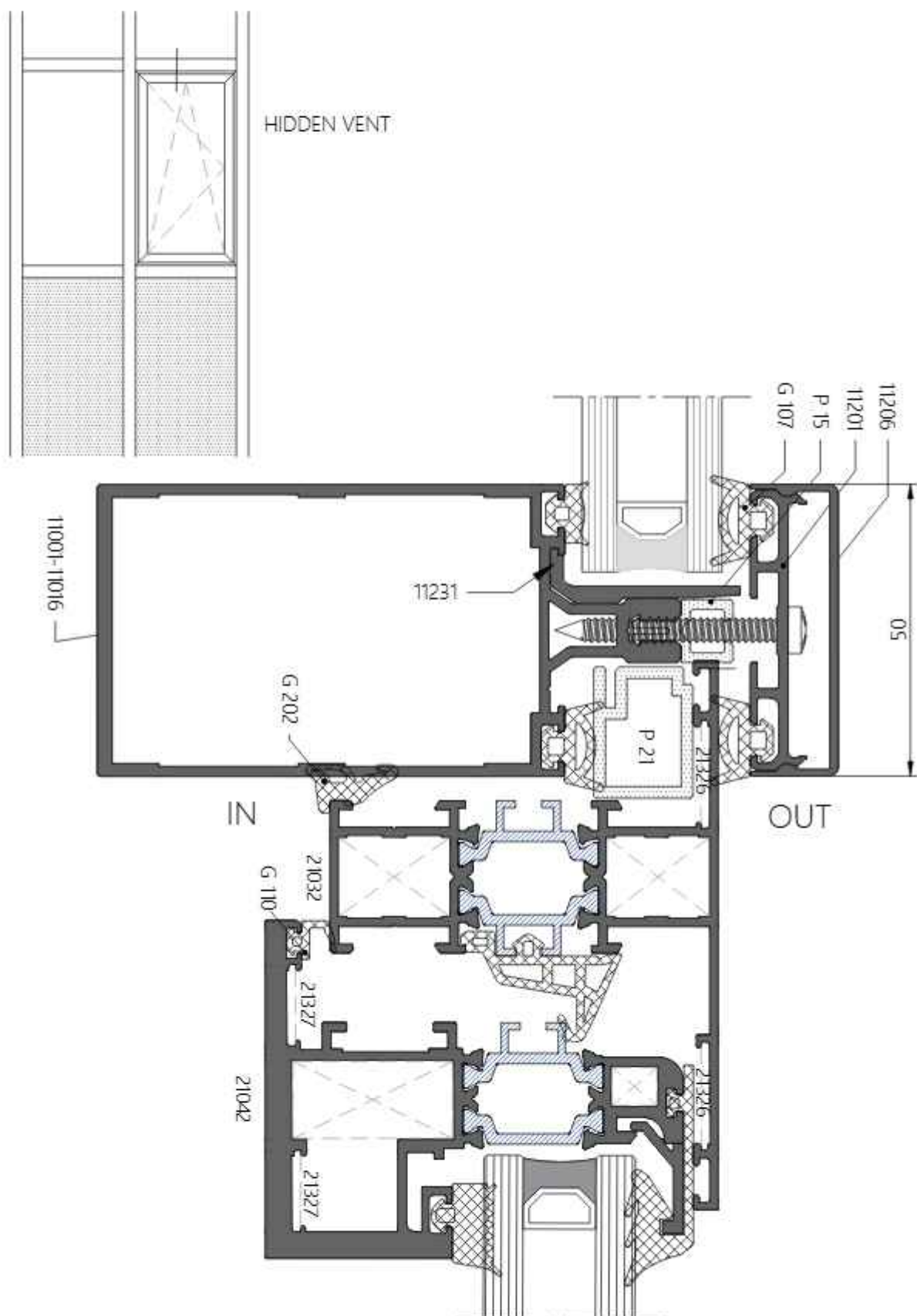
● PVC

● EPDM

● Sponge

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HT 60 SYSTEM HIDDEN SASH SYSTEM IN CURTAIN WALL



HATCH GUIDE : ● Aluminium

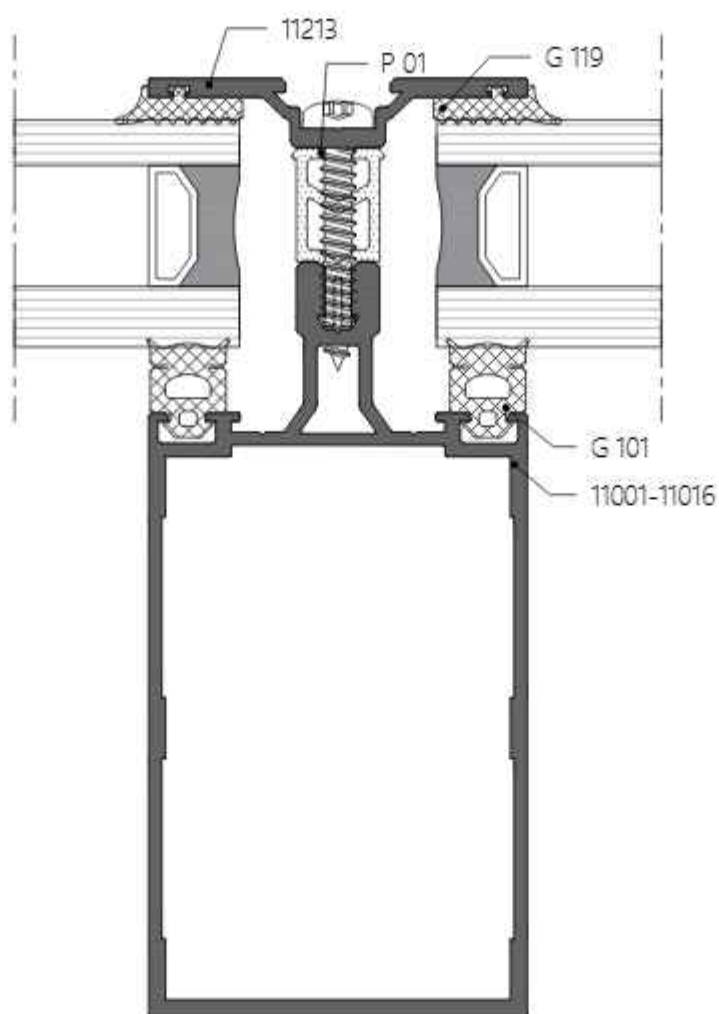
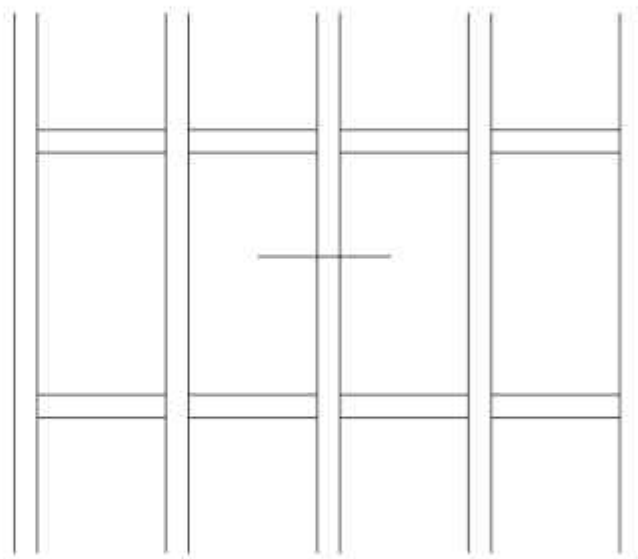
● PolyAmid

● PVC

● EPDM

● Sponge

www.Bendini.co



HATCH GUIDE : ● Aluminium

● PolyAmid

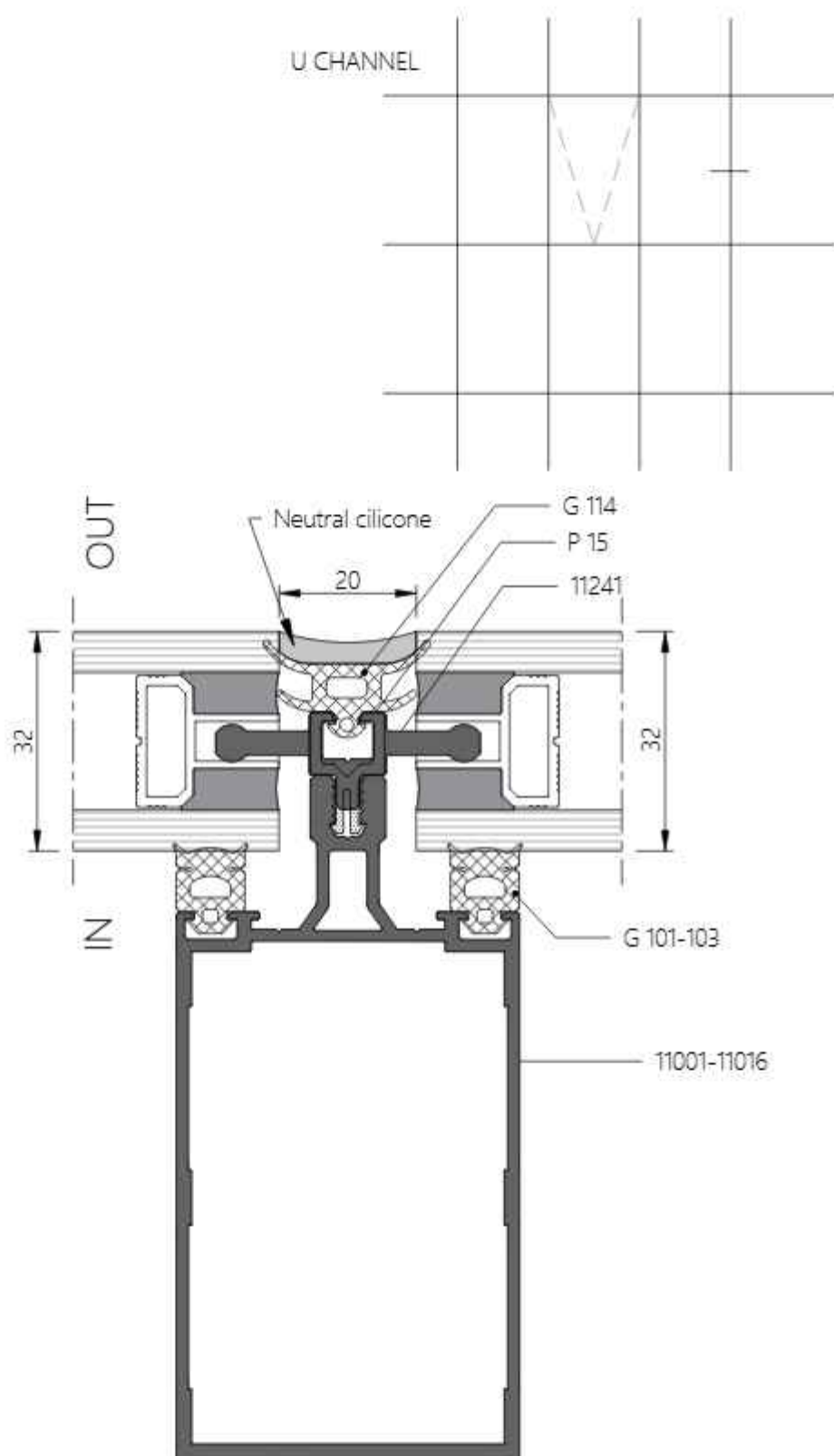
● PVC

● EPDM

● Sponge

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VISION REGION PLAN DETAIL



WARNING:

- It should be applied in buildings up to 10 meters in height.
- It is essential to apply an in glass connection system on half covered facades of the silicone edge higher than 1m.

HATCH GUIDE : ● Aluminium

● PolyAmid

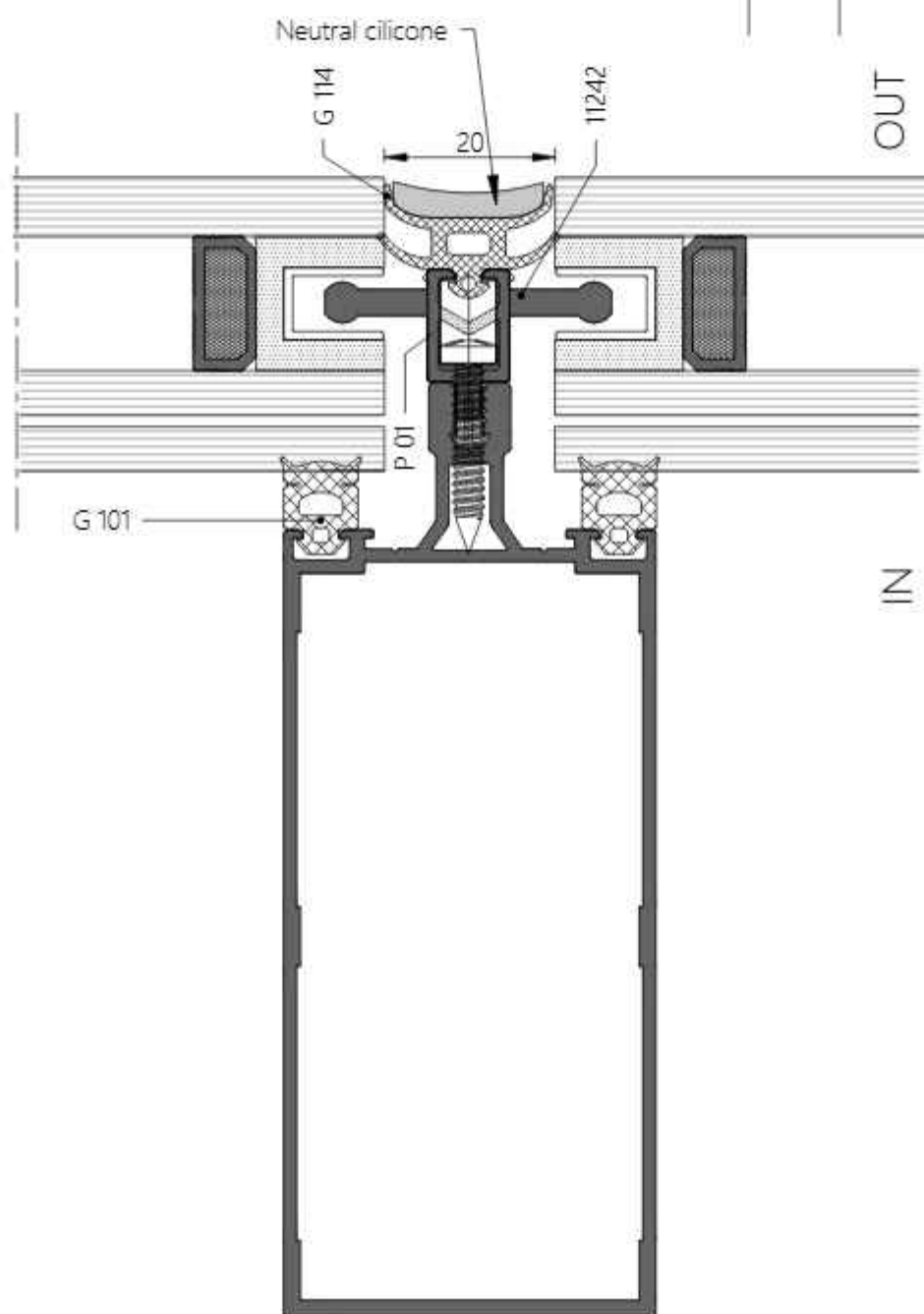
● PVC

● EPDM

● Sponge

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U CHANNEL



HATCH GUIDE : ● Aluminium

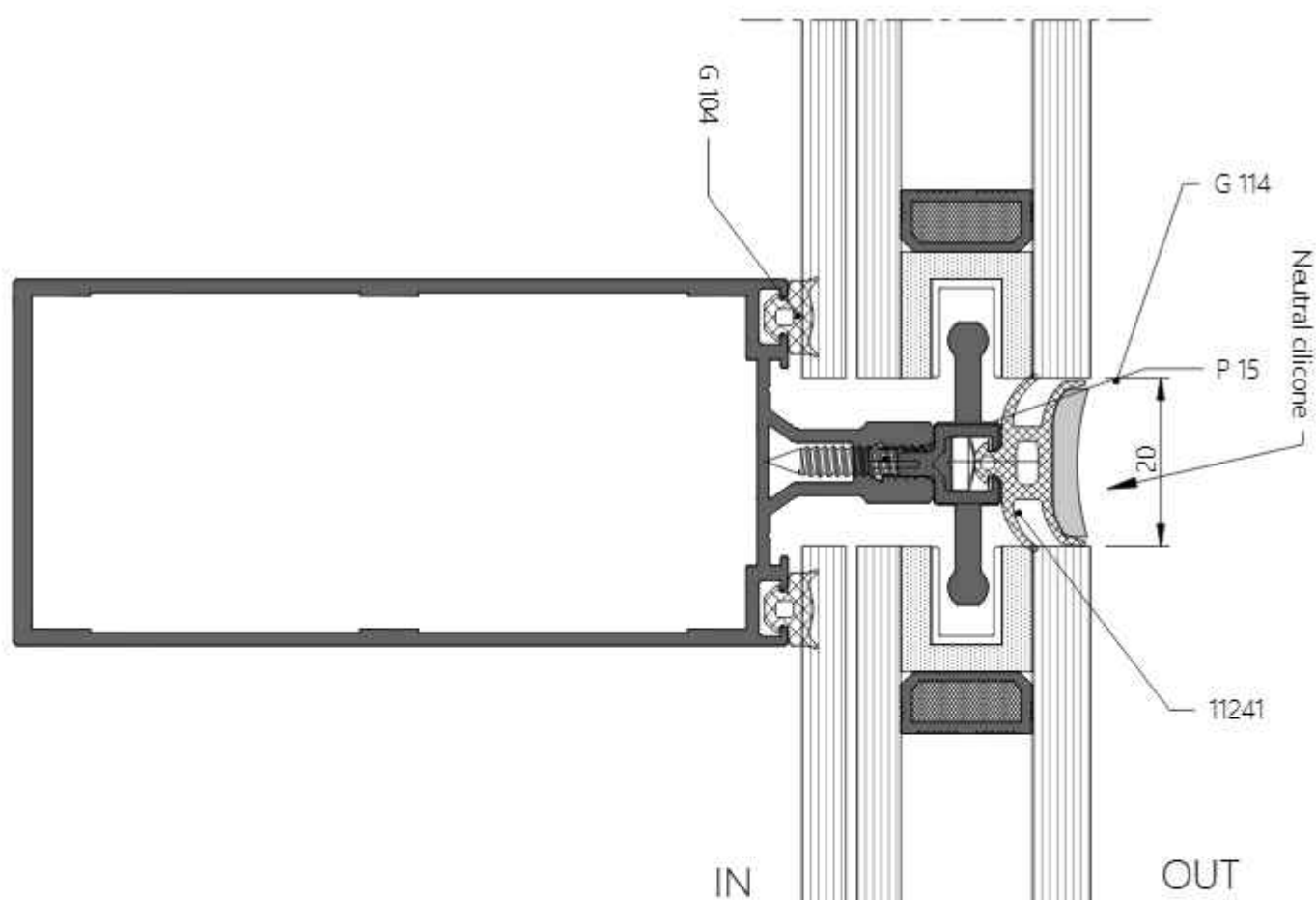
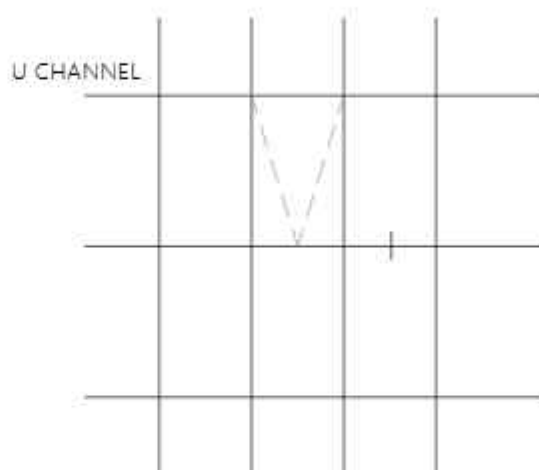
● PolyAmid

● PVC

● EPDM

● Sponge

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HATCH GUIDE : ● Aluminium

● PolyAmid

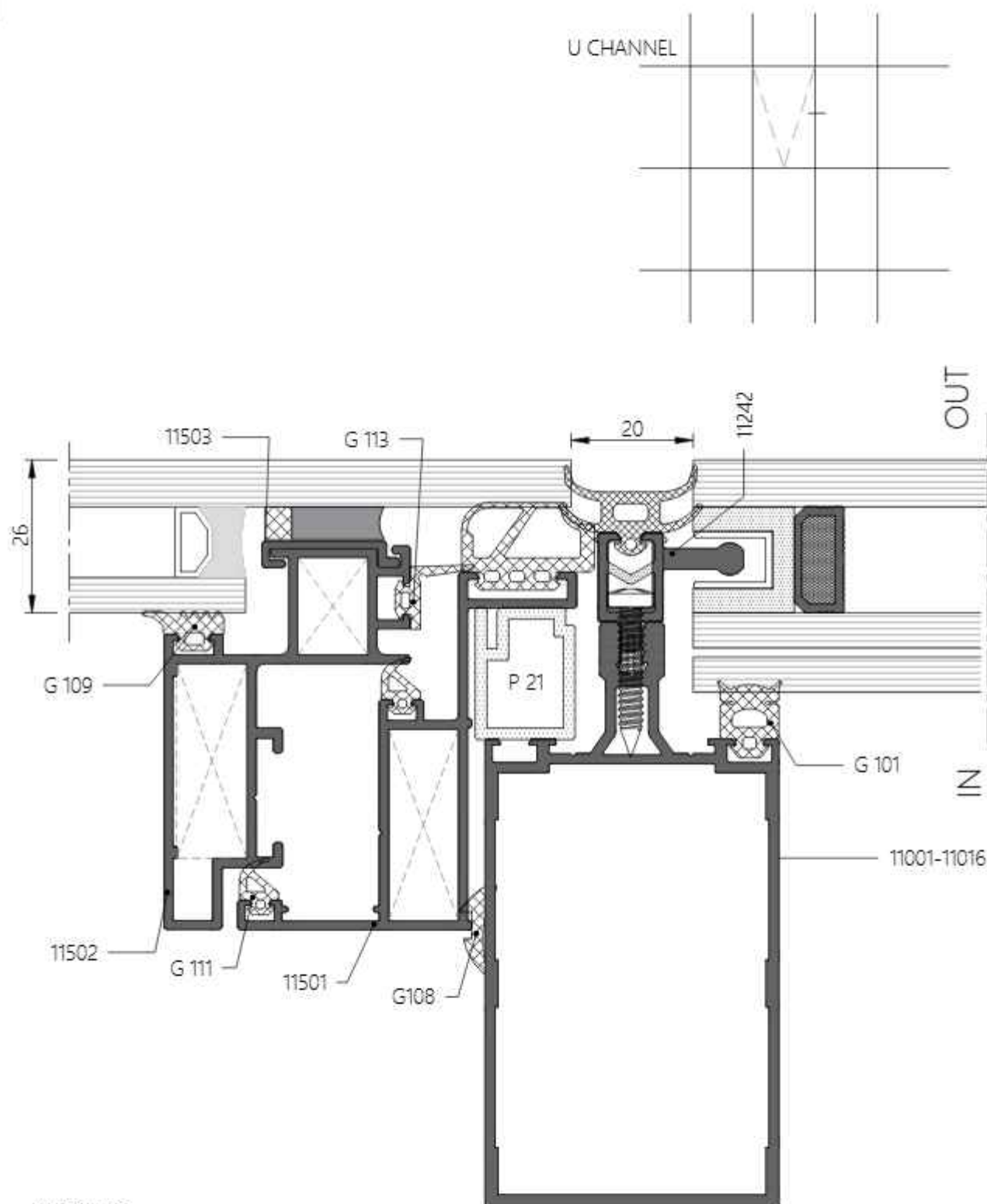
● PVC

● EPDM

● Sponge

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WING + VISION REGION DETAIL



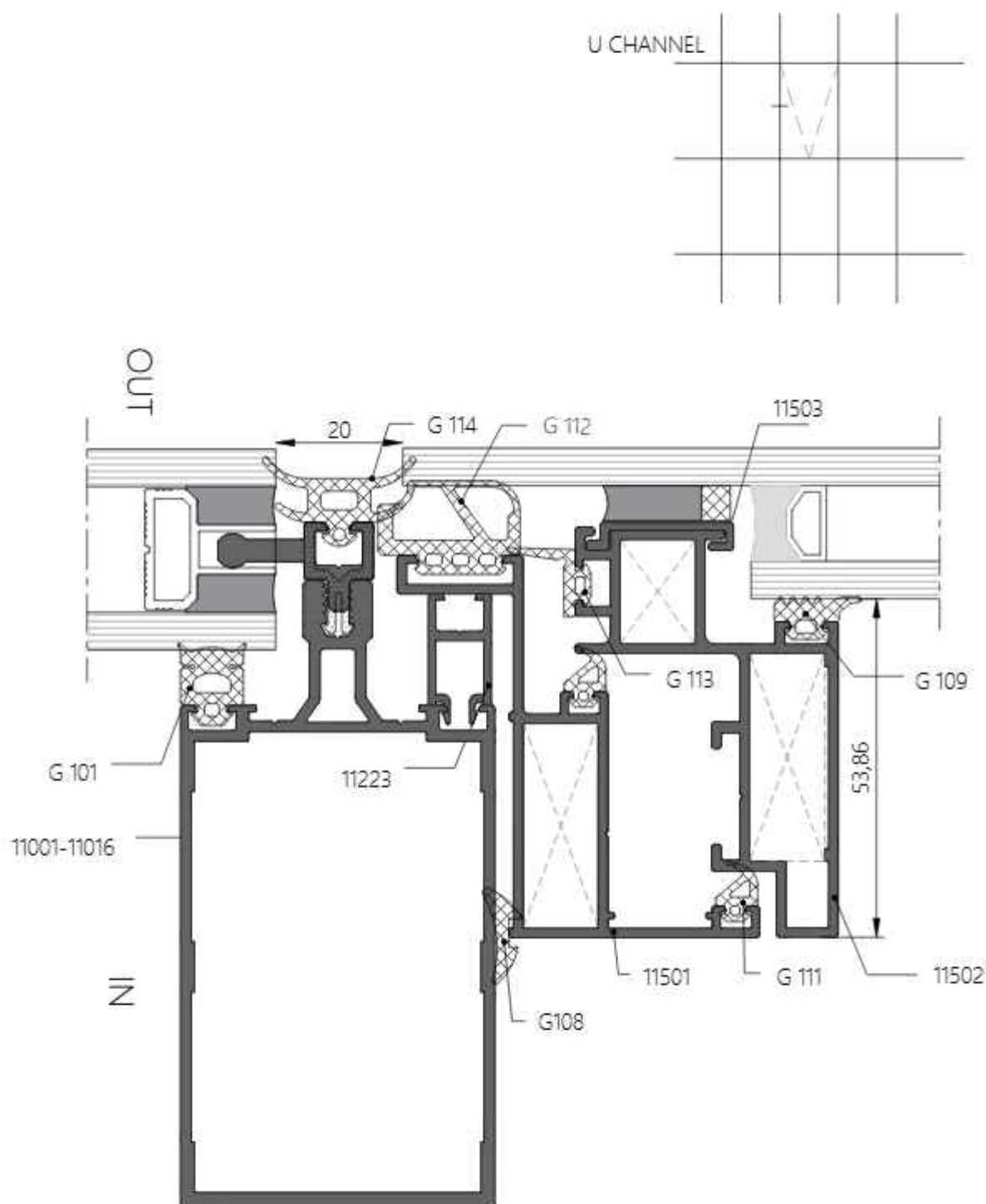
WARNING:

- It should be applied in buildings up to 10 meters in height.
- It is essential to apply an in glass connection system on half covered facades of the silicone edge higher than 1m.

HATCH GUIDE :  Aluminium  PolyAmid  PVC  EPDM  Sponge

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WING + VISION REGION DETAIL



WARNING:

- It should be applied in buildings up to 10 meters in height.
- It is essential to apply an in glass connection system on half covered facades of the silicone edge higher than 1m.

HATCH GUIDE :  Aluminium

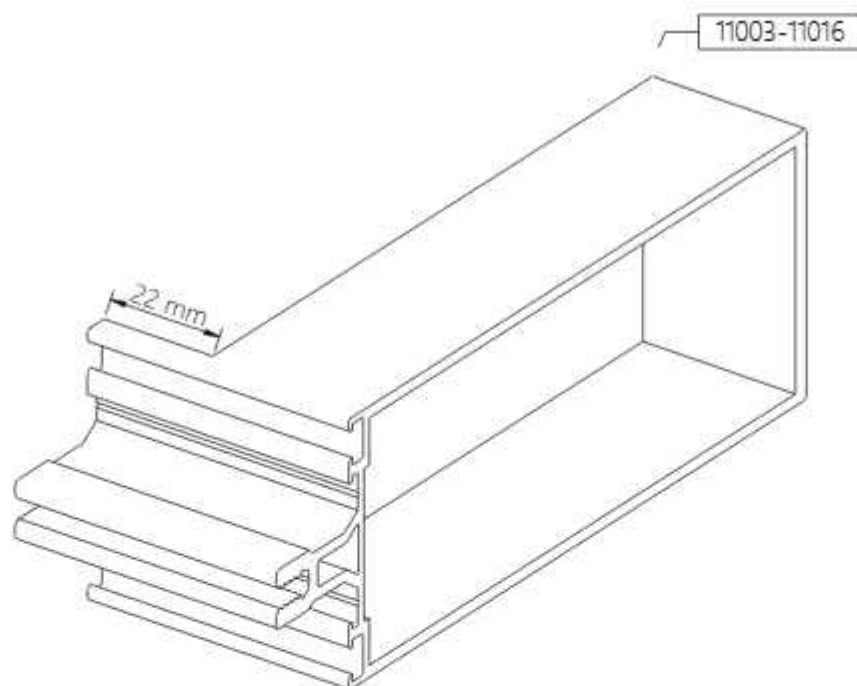
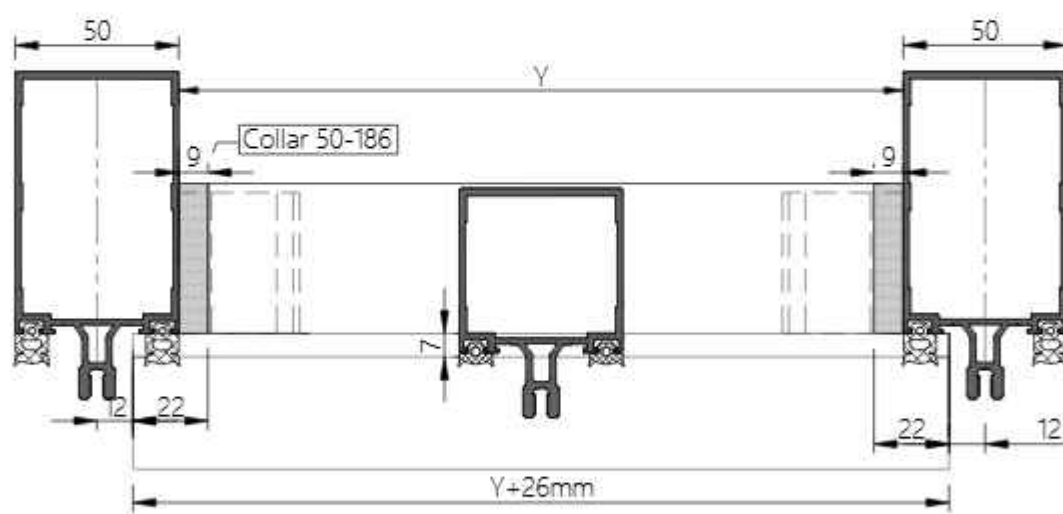
 PolyAmid

 PVC

 EPDM

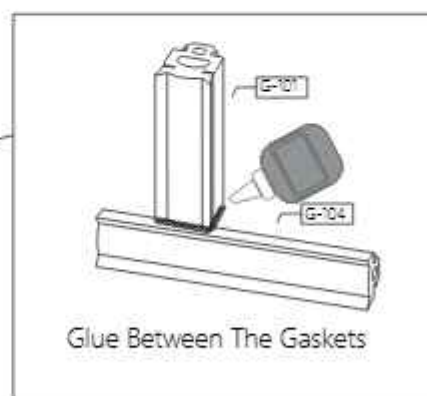
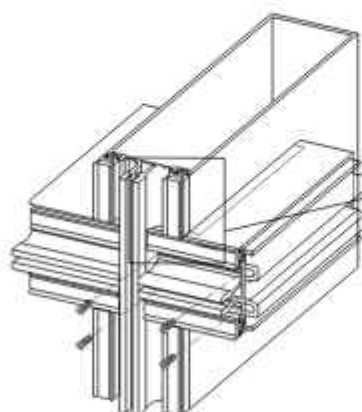
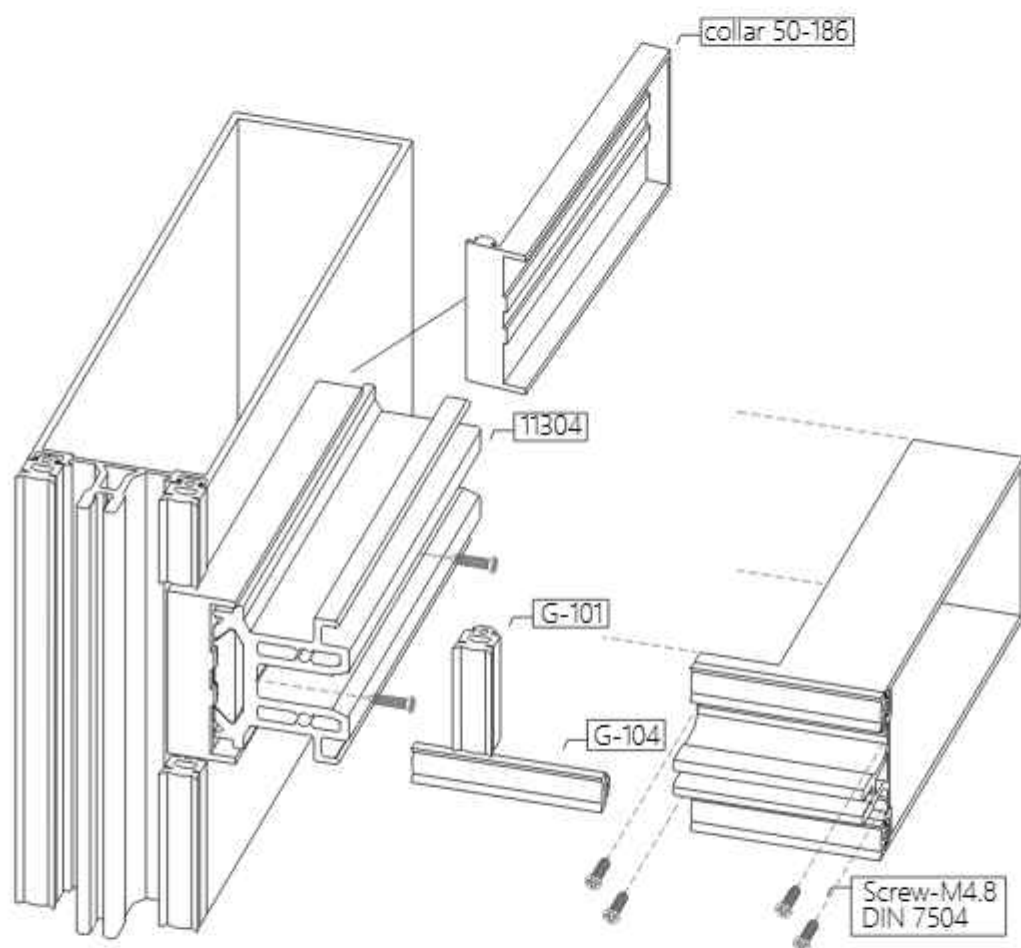
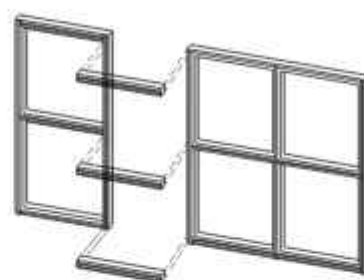
 Sponge

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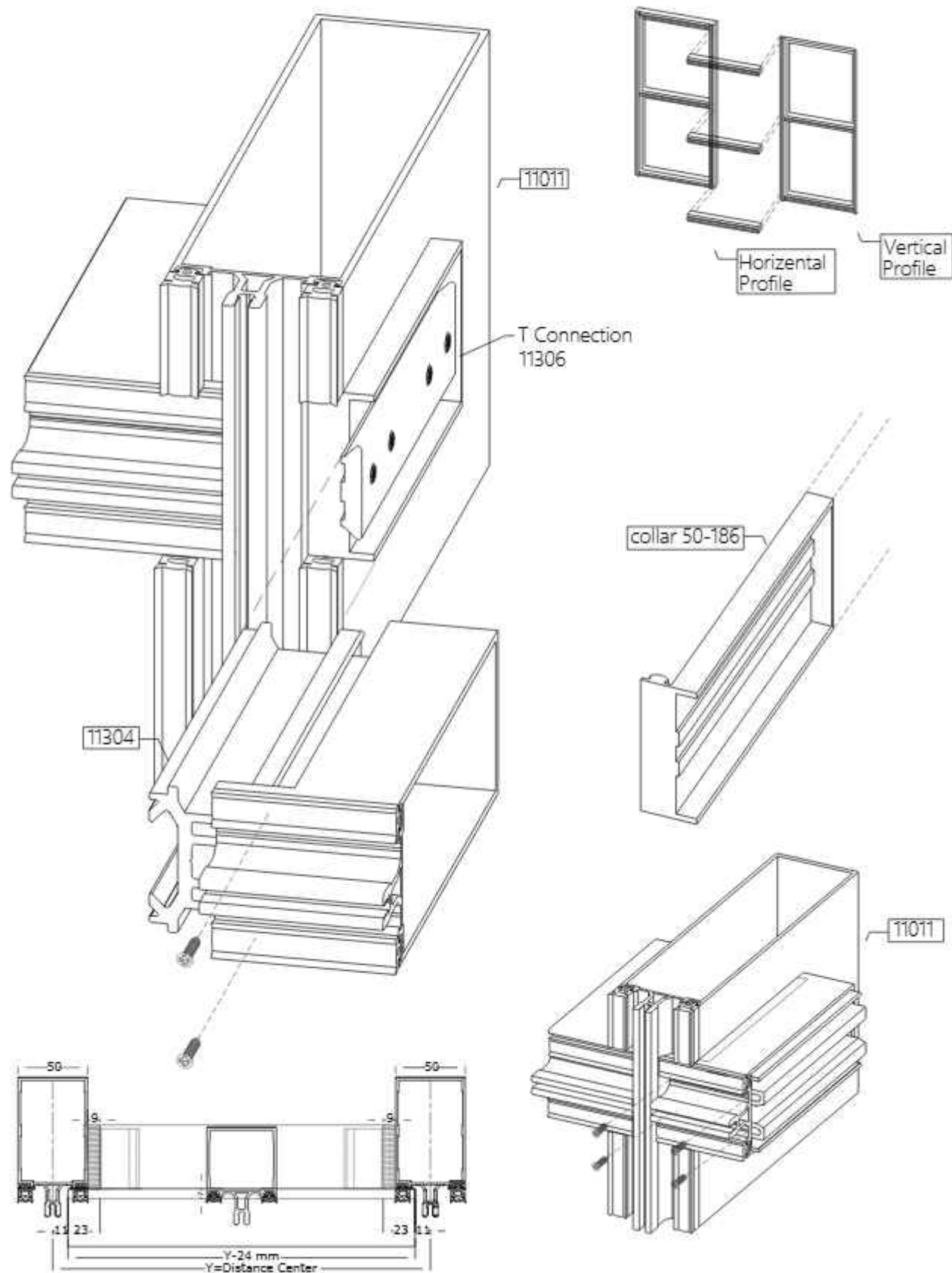


Merge Detail

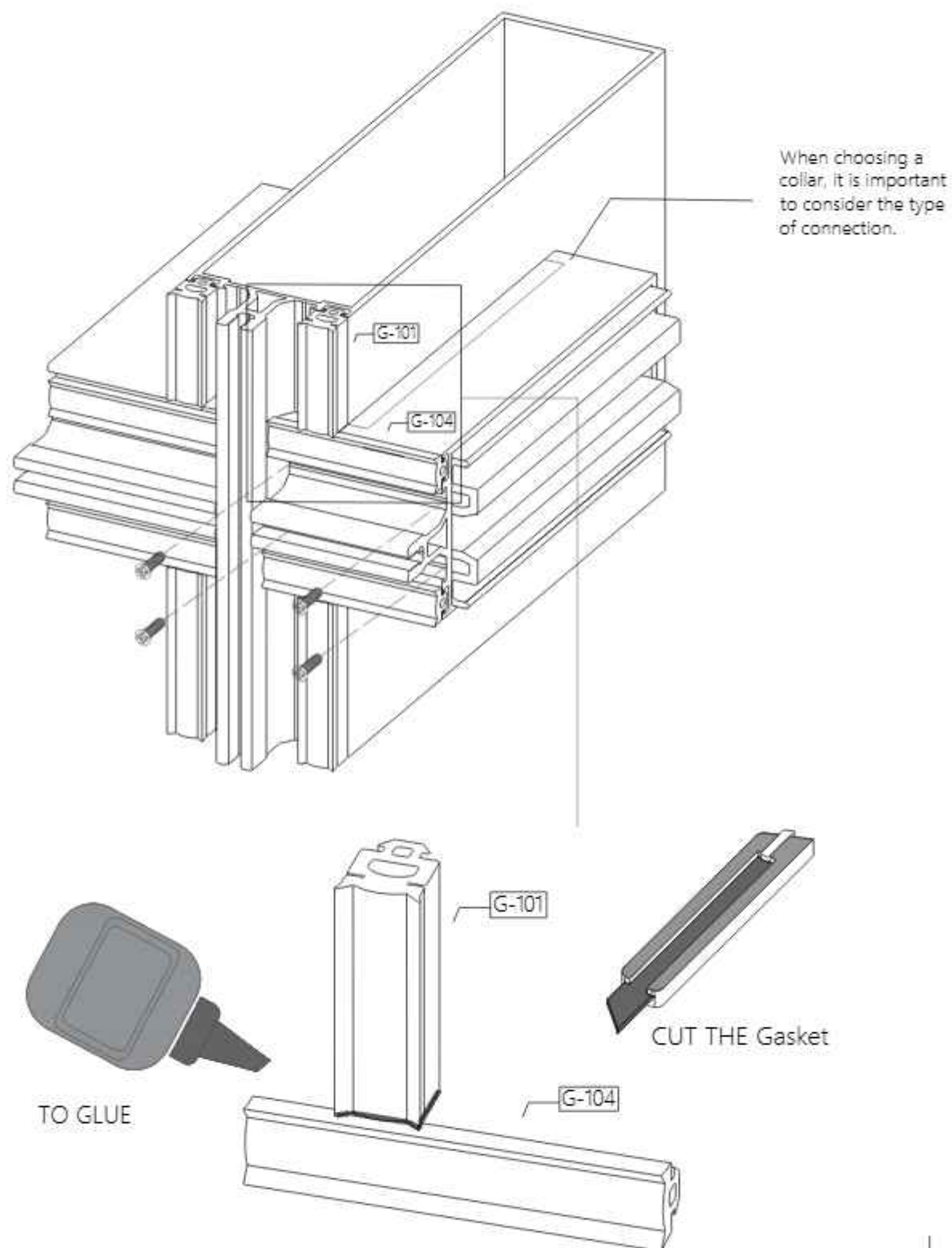
Attach Horizontal Profile
to Vertical Profile



Multi-Functional Aluminium System
 Installation Details For a Horizontal Channel System
 Including Instruction for Connecting And Applying Collar

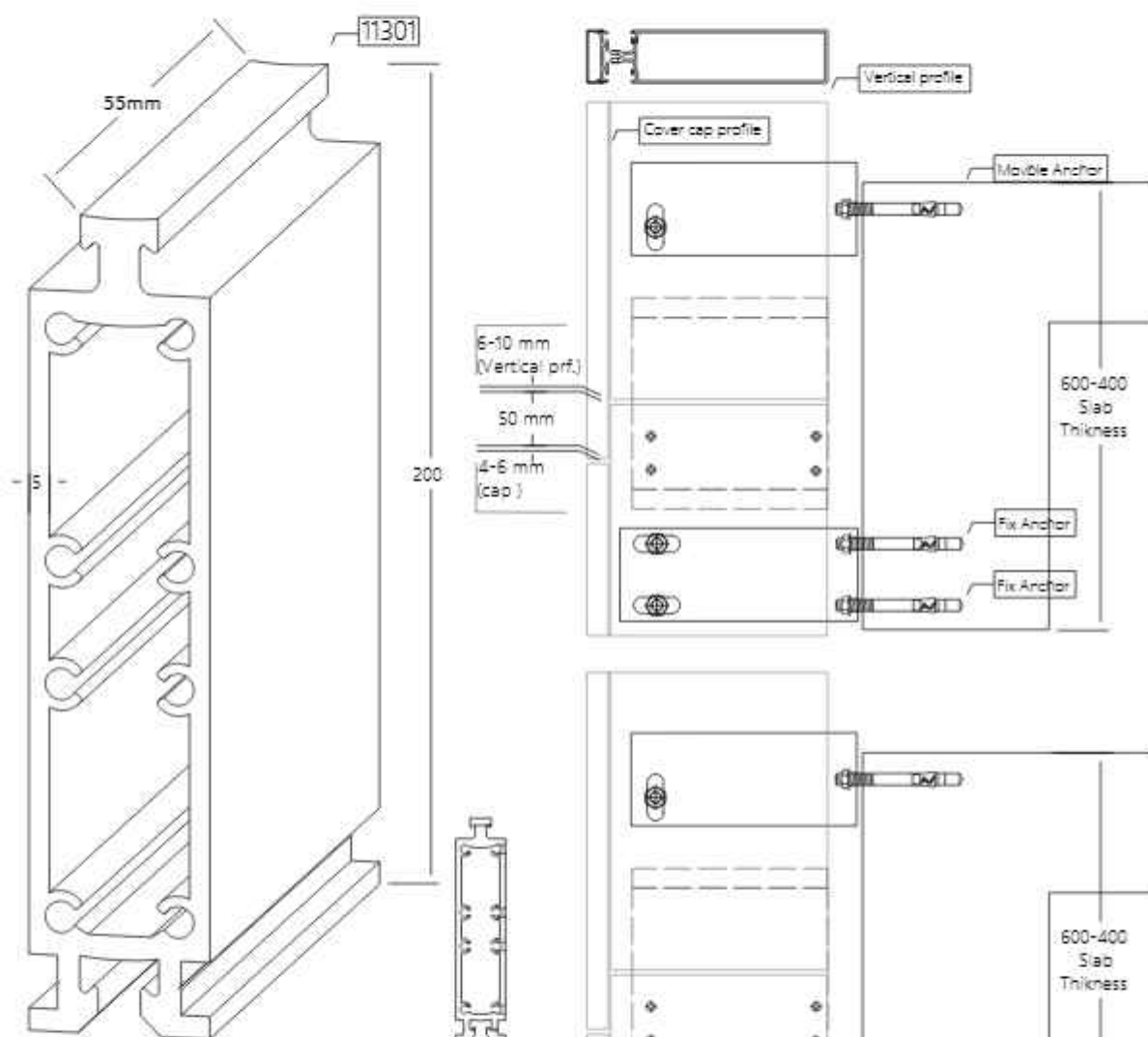


Detail of Duct Roving System Montag



Multi-functional Aluminium System

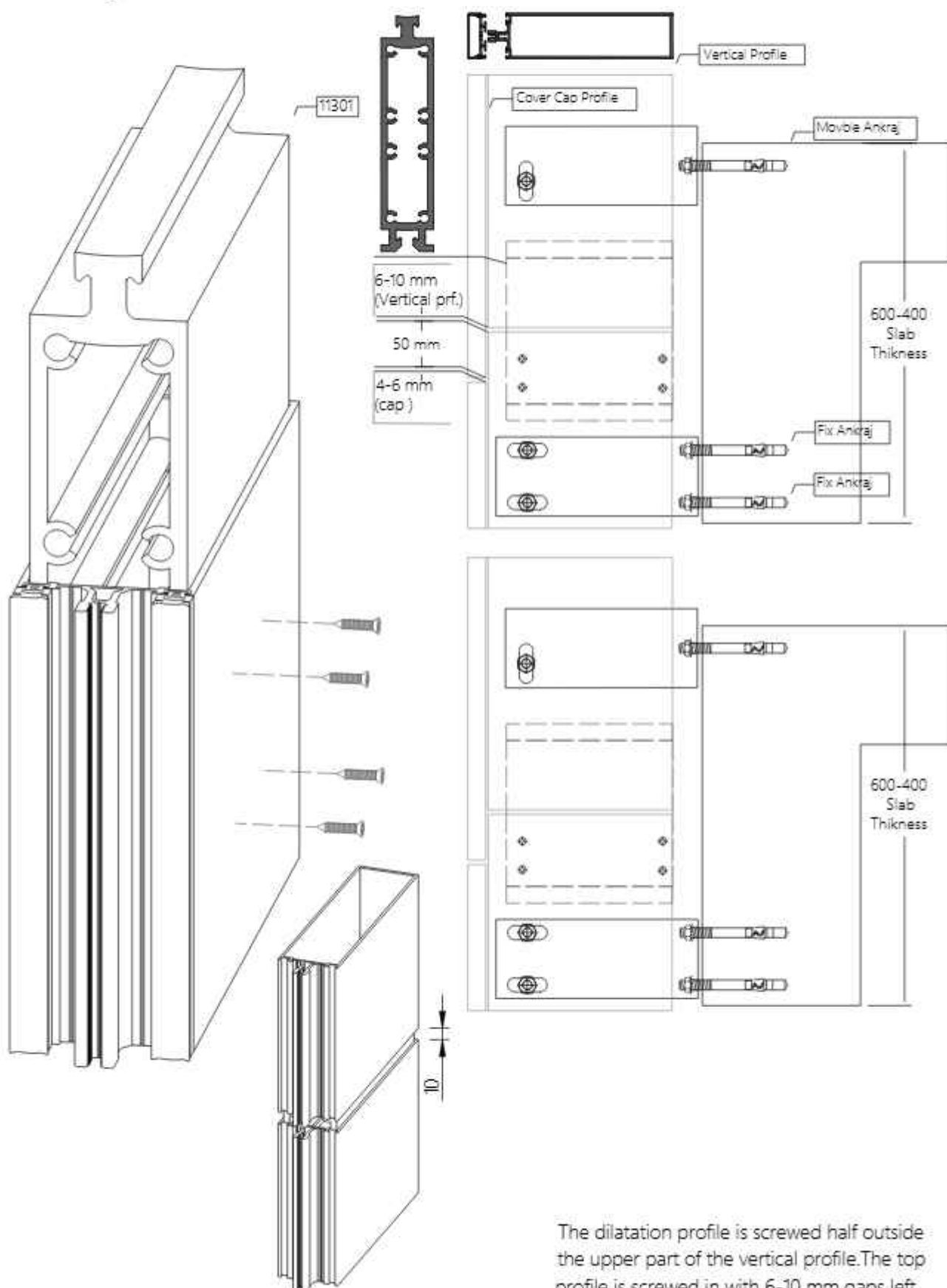
Connecting Floor Putter Detail



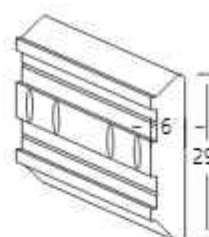
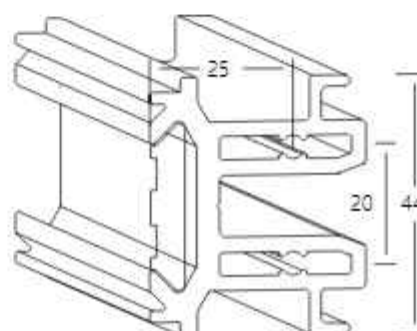
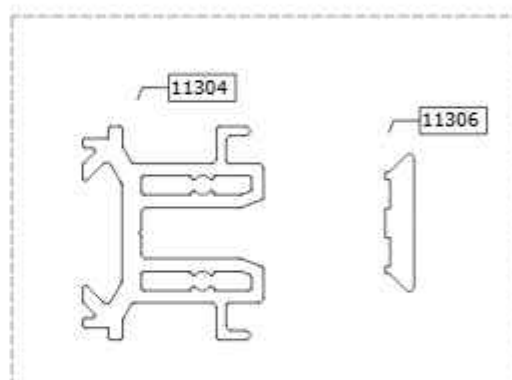
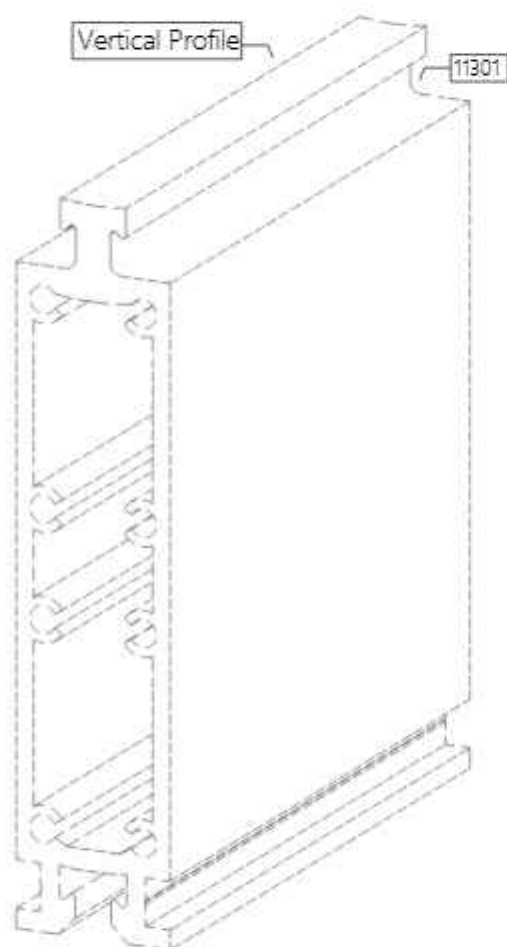
Profile Name	Profile Code	Weight (K/gm)
Dilation Profile	11301	7

Mullion Code	Cutting Length	Mullion Code	Cutting Length
11001	-	11009	147.7000
11002	-	11010	158.9000
11003	41.5000	11011	176.7000
11004	71.5000	11012	158.9000
11005	91.2000	11013	-
11006	107.2000	11014	-
11007	117.2000	11015	97.2000
11008	137.7000	11016	169.9000

Multi-functional Aluminium System
Connecting Floor Putter Detail



Multi-functional Aluminium System
Connecting Floor Putter Detail



Attention :

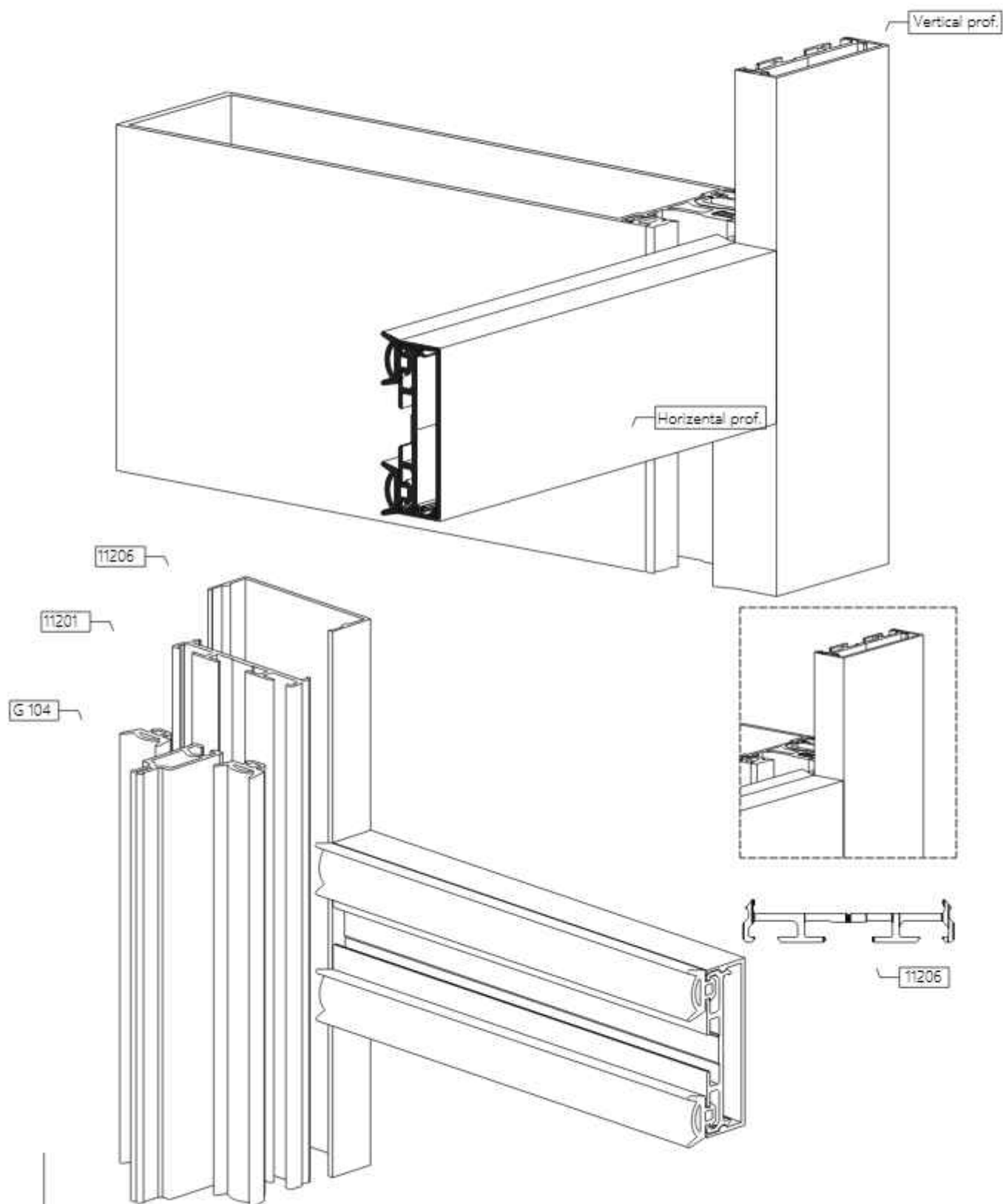
Our profile weights are theoretical and
our weight at the time of delivery is valid.

The way the top profile is passed
leaves 5 gaps. Silicone is drawn
into the joint as soon as it's taken.

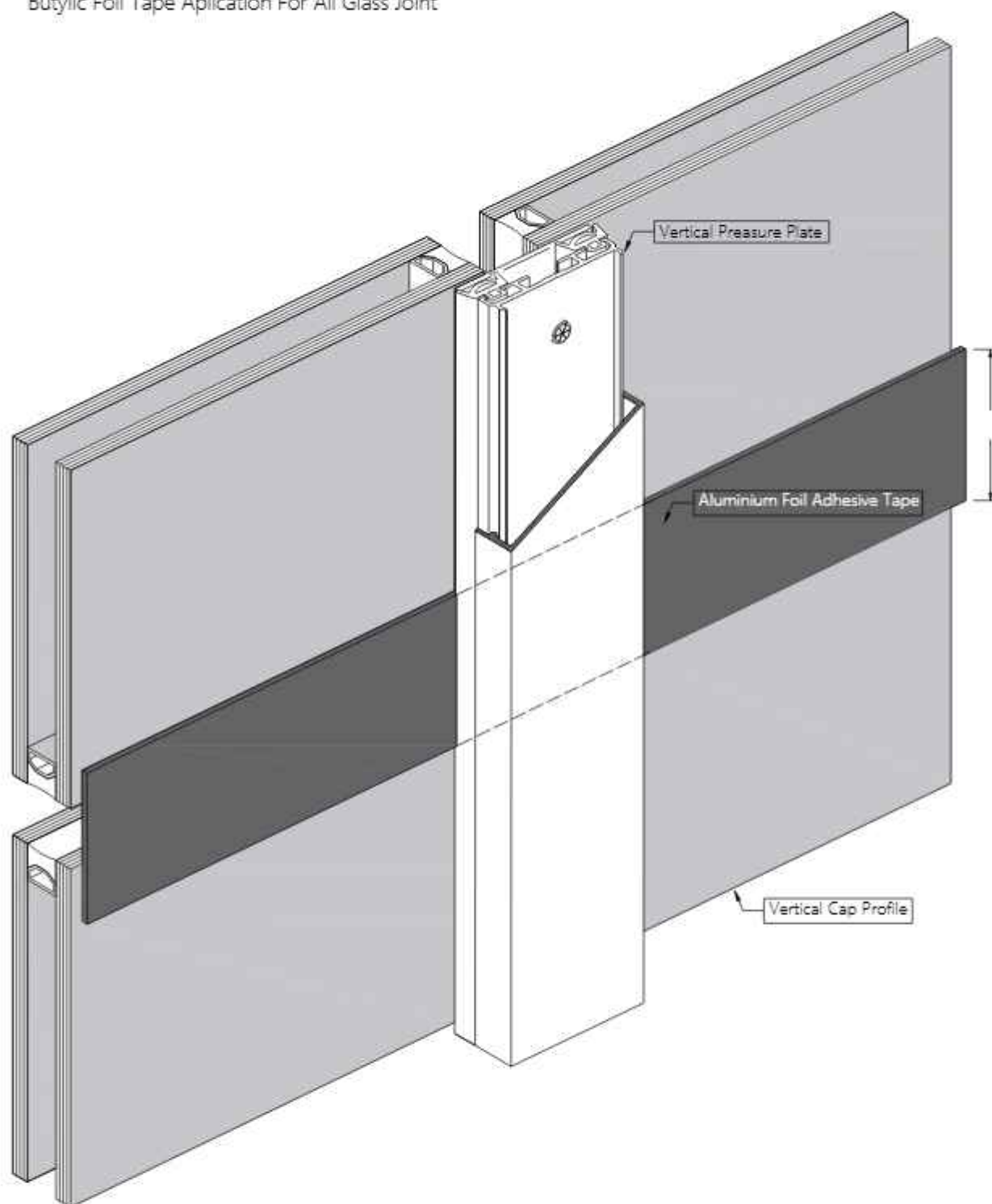
Profile Name	Profile Code	Weight (K/gm)
T Connection	11304	1
T Connection	11306	0

Mullion Code	Cutting Length	Mullion Code	Cutting Length
11001	-	11009	147.7000
11002	-	11010	158.9000
11003	41.5000	11011	176.7000
11004	71.5000	11012	158.9000
11005	91.2000	11013	-
11006	107.2000	11014	-
11007	117.2000	11015	97.2000
11008	137.7000	11016	169.9000

Multi-functional Aluminium System
Installing Vertical Profiles



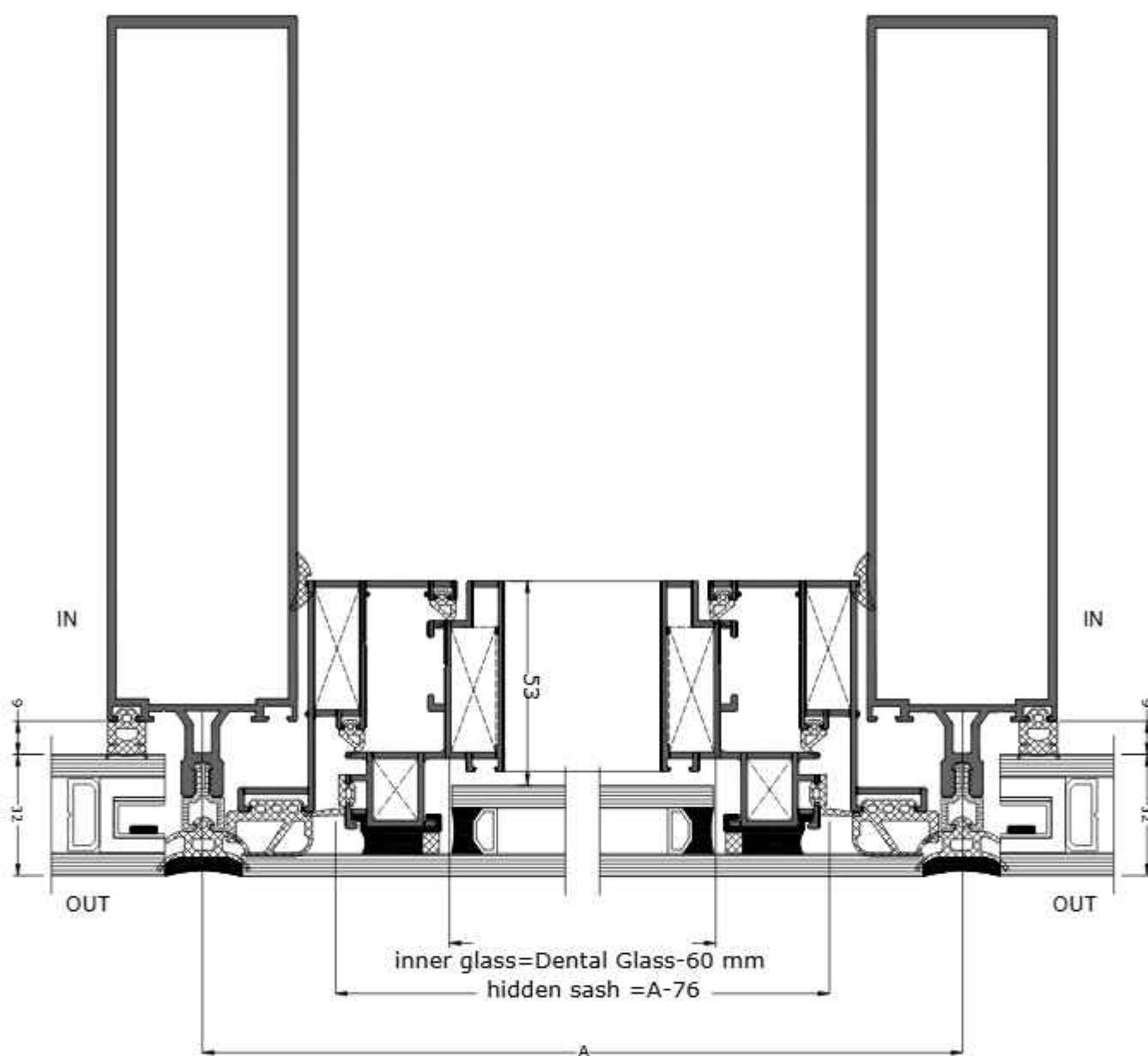
Multi-Functional Aluminium System
Butylic Foil Tape Application For All Glass Joint



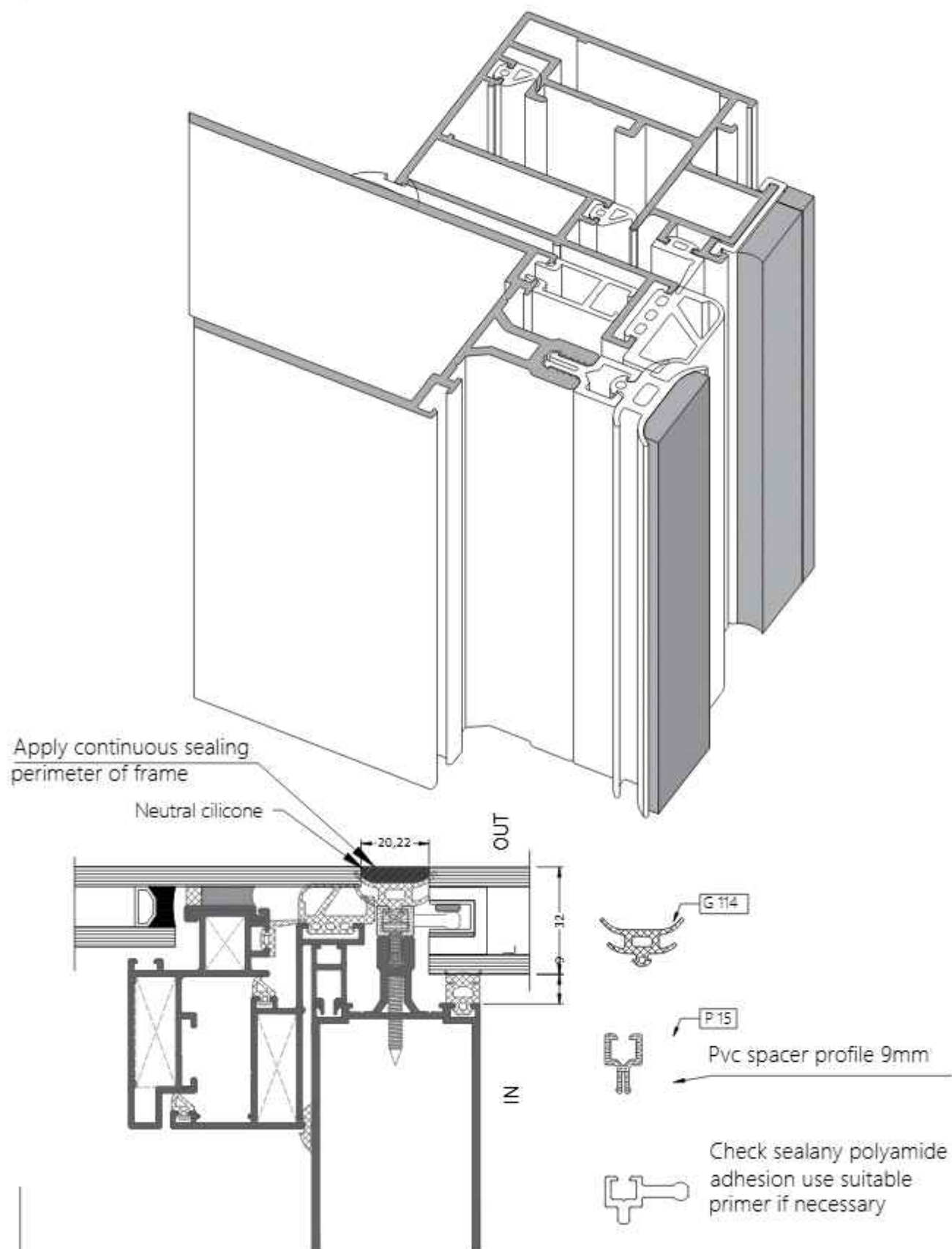
Butylic Tape Application Instructions

- Degrease and dry glass surfaces adjoining to the butylic tape
- The butylic tape must overlap the glass not less than 5mm
- The horizontal crossing tape must overlap the vertical one not less than 10-15mm
- The butylic tape must be applied in the temperature range from 5Celsius to 40Celsius

External Glass Dimension For U-channel System

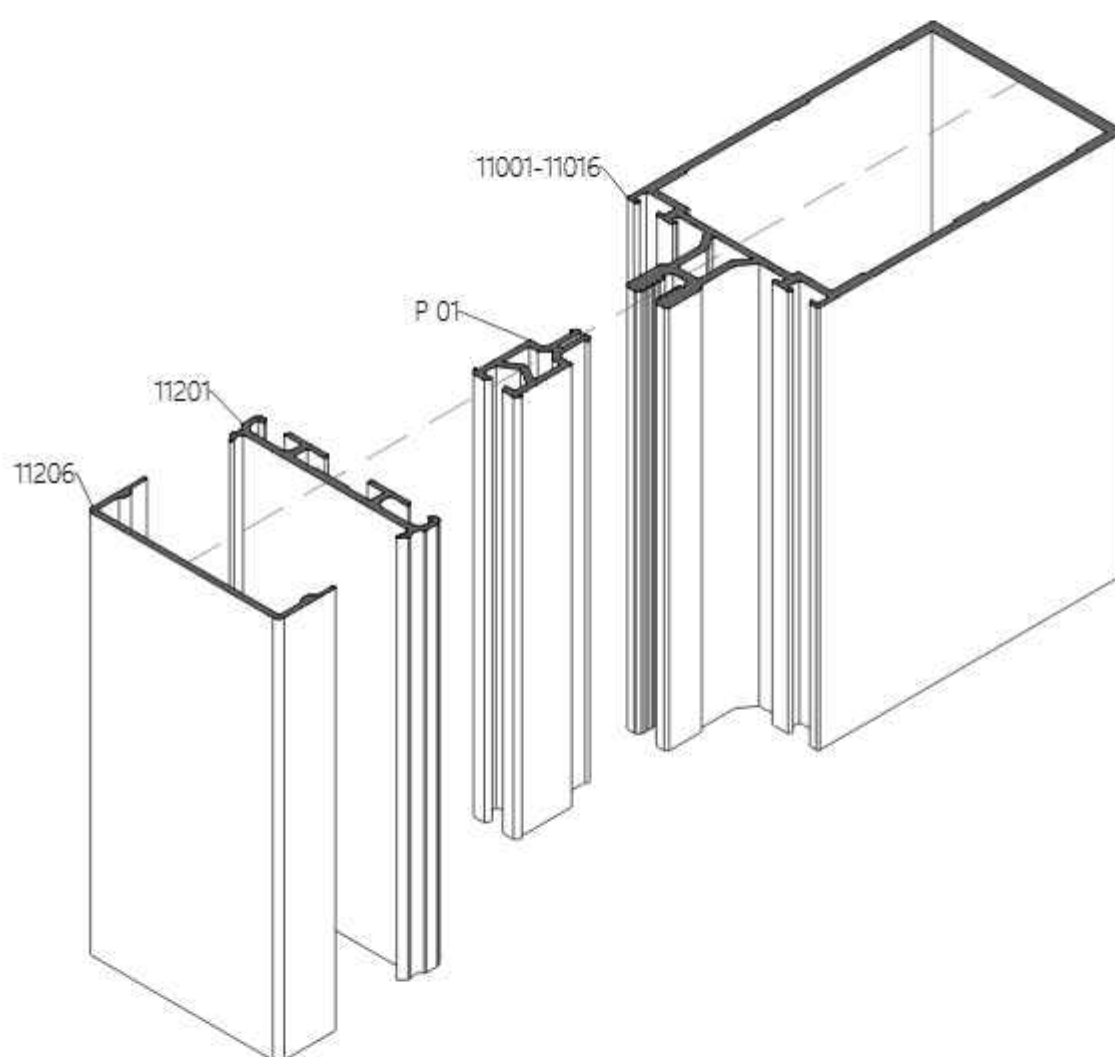


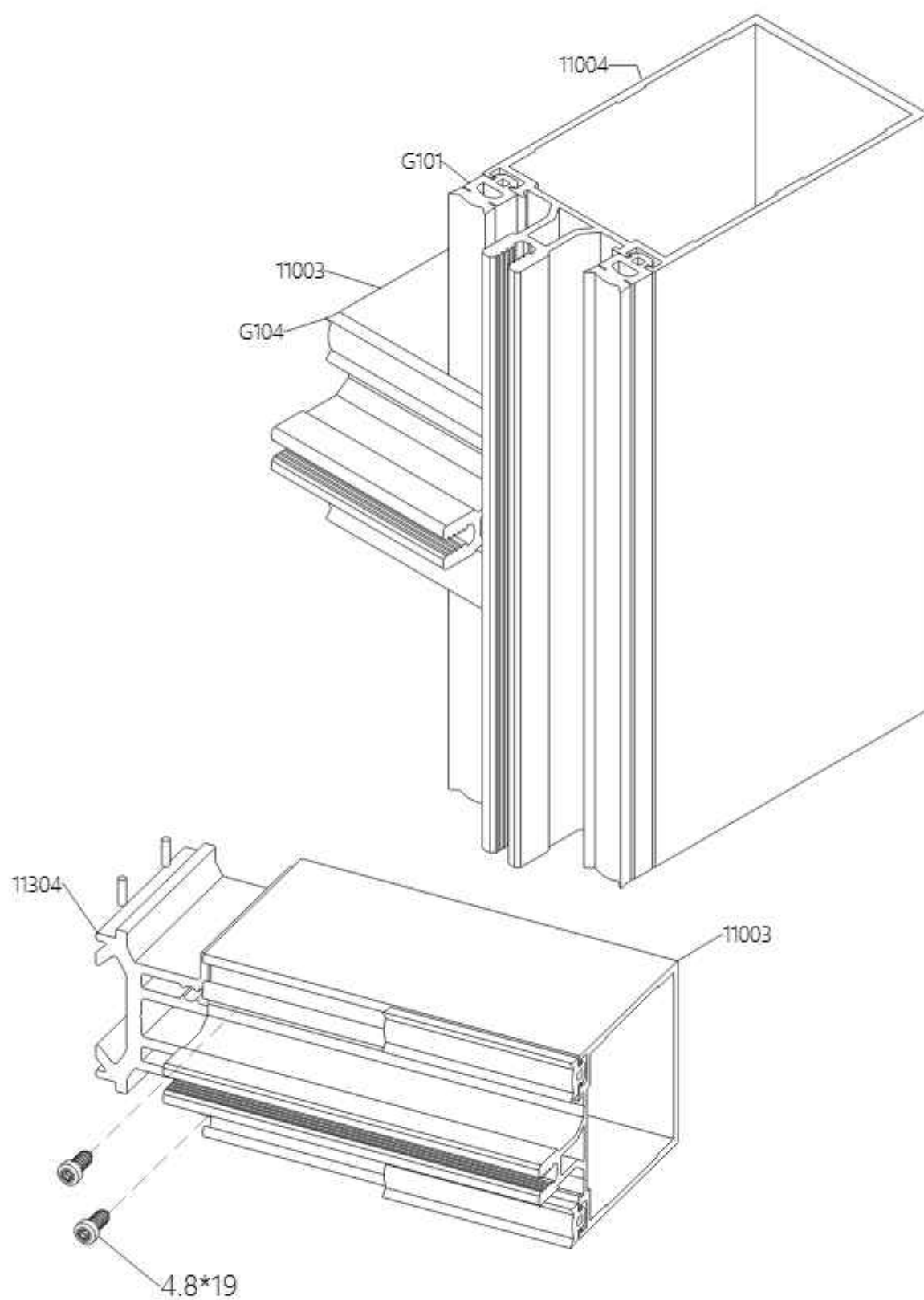
Projecting Window Frame Perimeter Sealing



- 11201 Safety Frame Is Applied In Its Full Length
- A 1 mm Thick Sponge Tape Is Applied To The Safety Frame Casing
- The Safety Frame Is Fixed With Countersunk Screws.
- The Safety Frame Should Be Drilled With An Air Hole.
- The Frame Is Installed With A Full Length Strip Gasket.

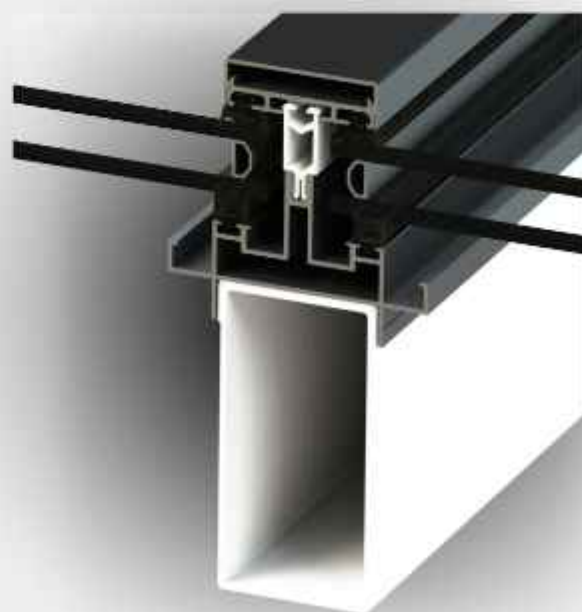
Attention : The Height Of Fixed Glasses Should Not Exceed 120 cm.





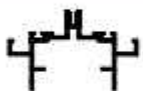
NOTE

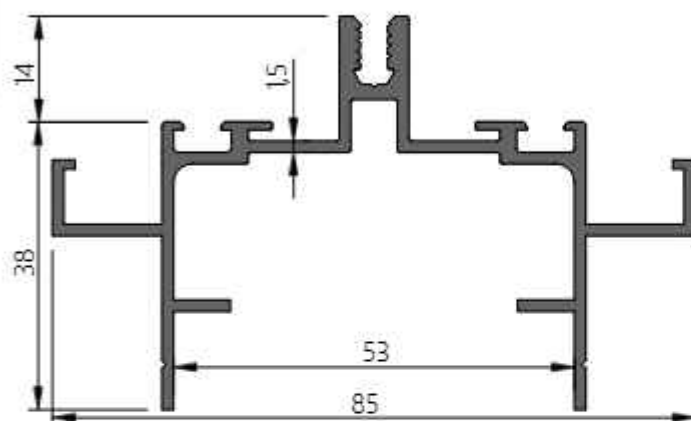
SKYLIGHT



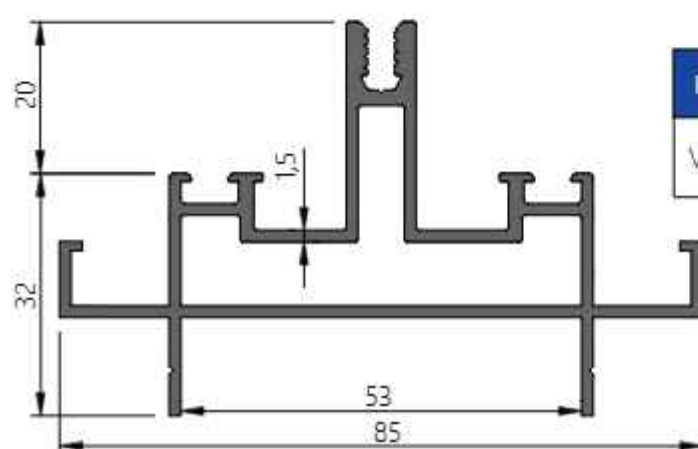
NOTE

OVERVIEW OF PROFILES

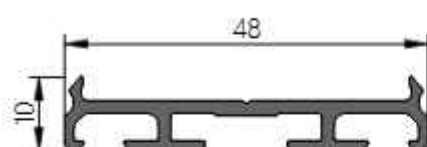
DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE Jx(cm4) / Jy (cm4)
	12001	1.060	Horizontal profile	5.57 / 23.20
	12002	1.265	Vertical profile	6.59 / 22.69
	11201	0.368	pressure profile	0.07 / 2.96
	11204	0.552	pressure profile	1.29 / 5.85
	11206	0.276	Cover cap profile	0.15 / 3.36
	11207	0.342	Cover cap profile	0.71 / 4.77
	12206	0.368	Cover cap profile	0.13 / 7.72
	11231	0.220	Glass support	/
	11241	0.325	Single Toggle	/
	11242	0.388	Single Toggle	/



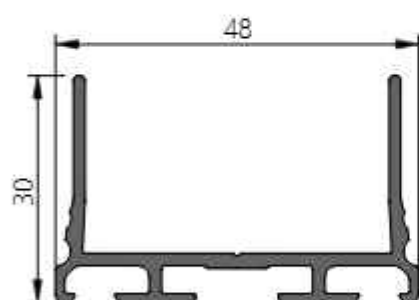
Profile Name	Profile Code	Weight (Kg/m)
Horizontal Profile	12001	1.060



Profile Name	Profile Code	Weight (Kg/m)
Vertical Profile	12002	1.265



Profile Name	Profile Code	Weight (Kg/m)
Pressure Plate	11201	0.368

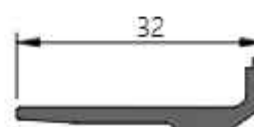
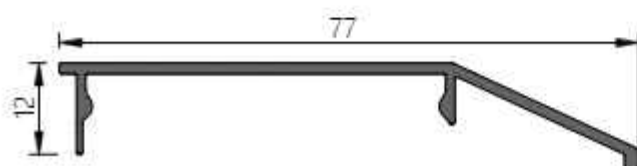


Profile Name	Profile Code	Weight (Kg/m)
Pressure Plate	11204	0.552



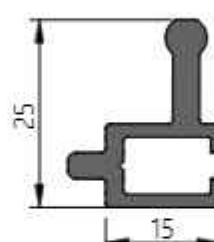
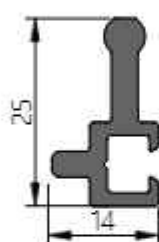
Profile Name	Profile Code	Weight (Kg/m)
Cover Cap Profile	11206	0.276

Profile Name	Profile Code	Weight (Kg/m)
Cover Cap Profile	11207	0.342



Profile Name	Profile Code	Weight (Kg/m)
Cover Cap Profile	12206	0.368

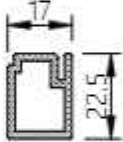
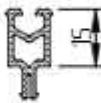
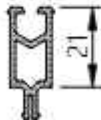
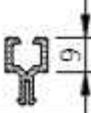
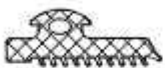
Profile Name	Profile Code	Weight (Kg/m)
Glass Support	11231	0.220



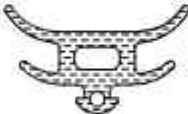
Profile Name	Profile Code	Weight (Kg/m)
Single Toggle	11241	0.325

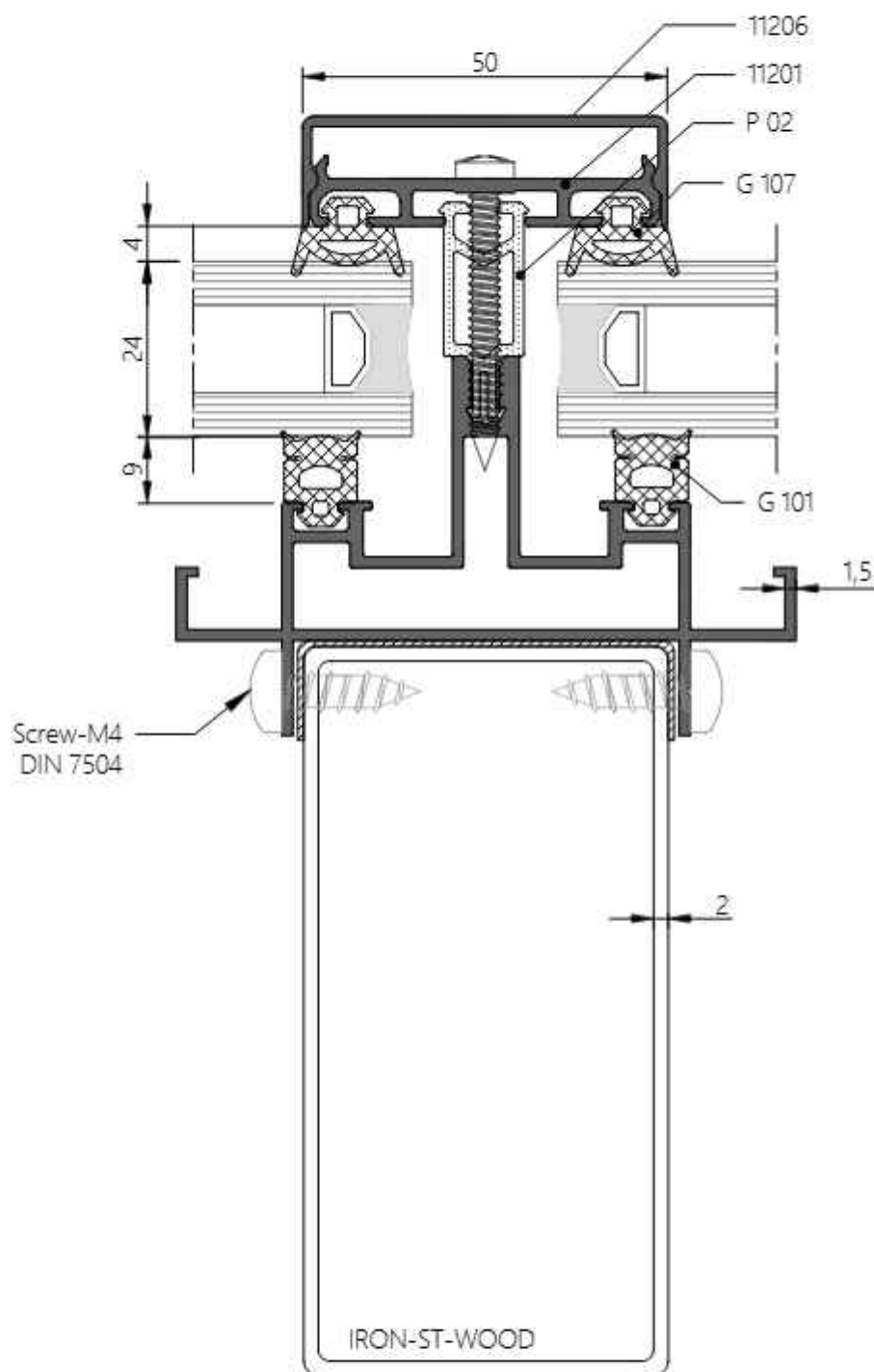
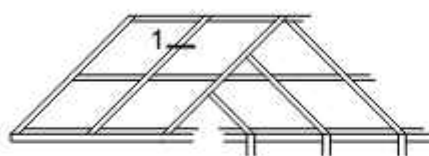
Profile Name	Profile Code	Weight (Kg/m)
Single Toggle	11242	0.388

ACCESSORIES

Drawing	Code	Description	Material
	P21	Support Block	PVC
	P01	Spacer Profile 15mm	
	P02	Spacer Profile 21mm	
	P15	Spacer Profile 9mm	
	G 101	Glazing Gasket 9mm	EPDM
	G 104	Glazing Gasket 3mm	
	G 106	Glazing Gasket 3mm	
	G 107	Glazing Gasket 4mm	
	G 108	Interior Glazing Gasket 2mm	
	G 201	Interior Glazing Gasket 4mm	
	G 202	Interior Glazing Gasket 6mm	

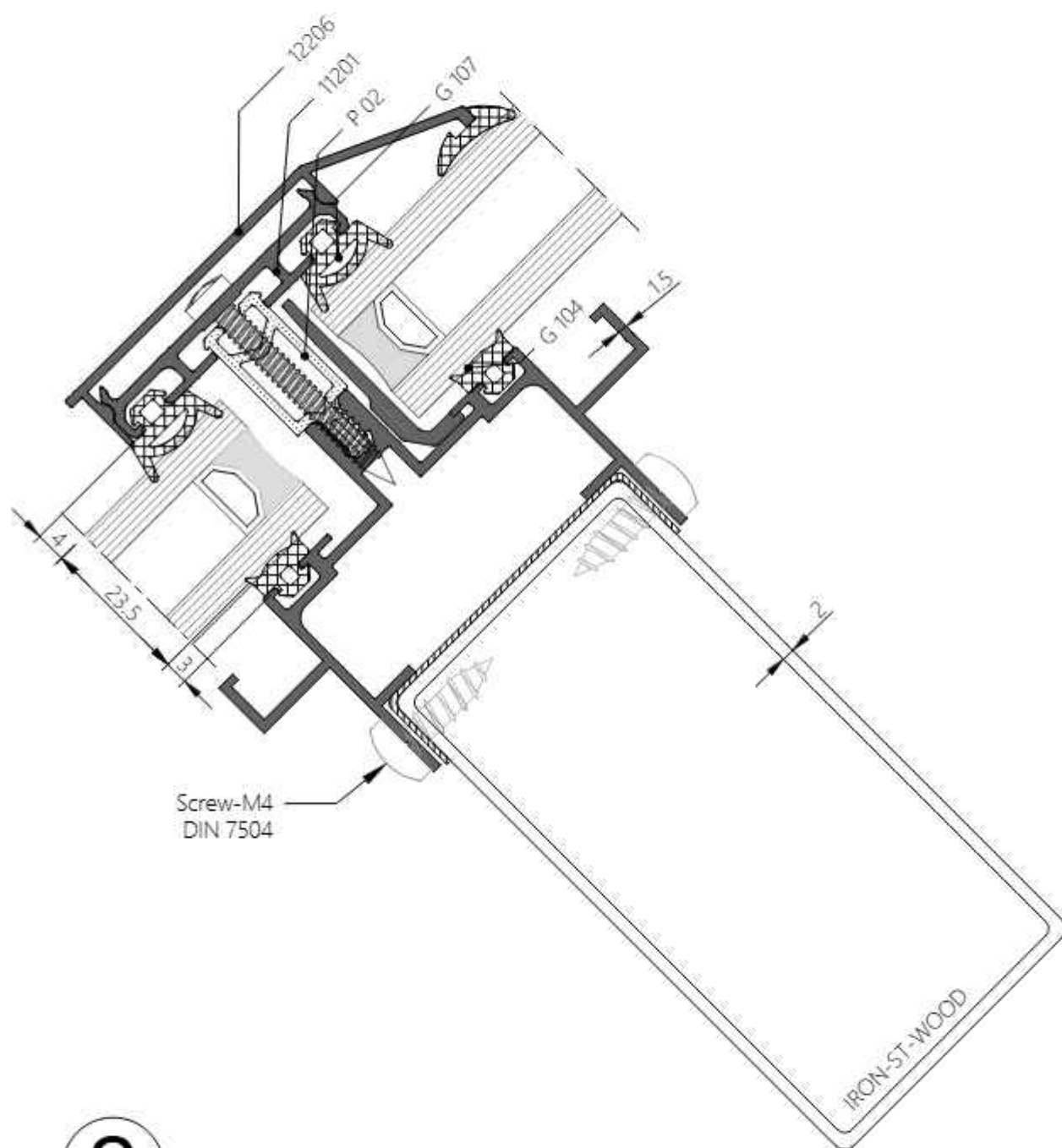
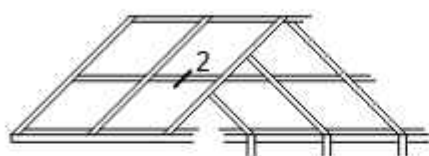
ACCESSORIES

Drawing	Code	Description	Material
	G 203	Interior Glazing Gasket 8mm	EPDM
	G 114	Finishing Gasket	SILICONE



1

HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge

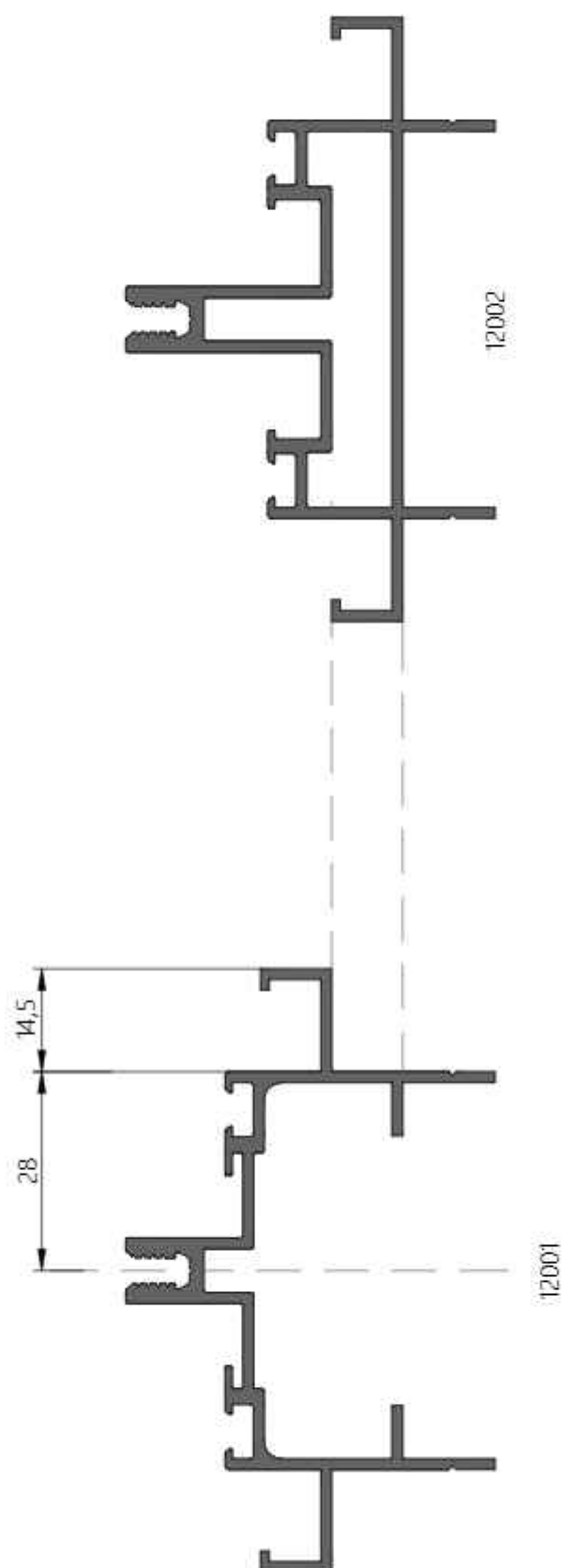


2

HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge

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Horizontal Profile Notching Process



HATCH GUIDE : ● Aluminium

● PolyAmid

● PVC

● EPDM

● Sponge

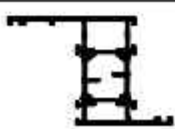
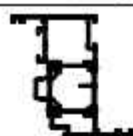
www.Bendini.co

HT 70

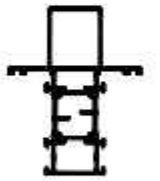
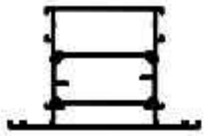


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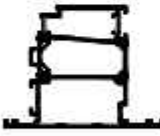
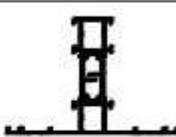
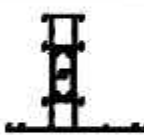
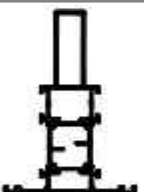
OVERVIEW OF PROFILES

DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE <i>I_x(cm⁴) / I_y(cm⁴)</i>
	23001	1.241	26mm Frame Profile	27.75 / 5.24
	23002	1.430	39mm Frame Profile	32.84 / 12.84
	23003	1.625	52mm Frame Profile	39.46 / 24.98
	23007	1.630	84mm Z Frame Profile	52.98 / 18.61
	23008	1.367	66.7mm Sash Profile	41.01 / 6.49
	23009	1.578	79.8mm Sash Profile	49.59 / 15.36
	23010	1.780	92.7mm Sash Profile	59.71 / 28.71
	23011	1.985	105.7mm Sash Profile	43.69 / 74.90
	23015	1.356	26mm Mullion Profile	30.31 / 9.57
	23016	1.545	39mm Mullion Profile	35.40 / 18.78
	23004	1.650	Frame Profile	6.97 / 82.65

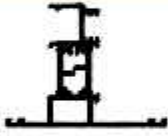
OVERVIEW OF PROFILES

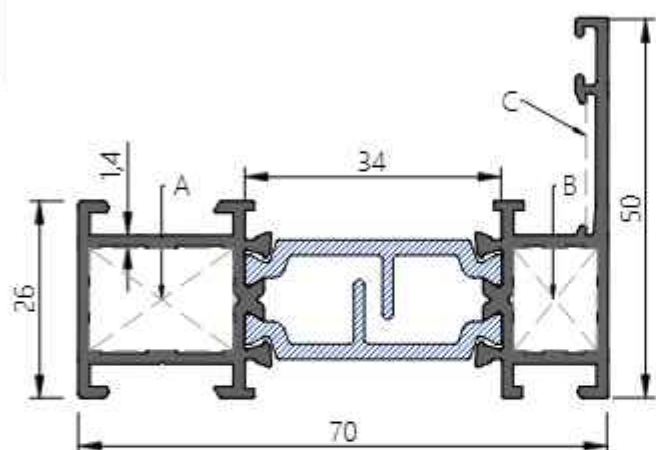
DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE <i>I_x(cm⁴) / I_y(cm⁴)</i>
	23017	1.720	52mm Mullion Profile	40.37 / 33.83
	23018	2.020	Sash Mullion	75.51 / 19.71
	23019	1.696	39mm Mullion Profile (With Screw Channel)	38.37 / 19.44
	23020	2.454	Mullion Profile (Reinforcement)	119.81 / 44.73
	23025	2.170	78mm Mullion in Sash Profile	65.17 / 86.64
	23045	1.288	Double Casement Adapteur Profile	27.01 / 6.70
	23060	1.682	Corner 90° Profile	36.44 / 45.09
	23061	1.230	Corner Curve Profile	13.68 / 13.73
	21562	0.140	Corner Curve Adapteur	0.42 / 0.02

OVERVIEW OF PROFILES

DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE <i>Jx(cm4) / Jy(cm4)</i>
	21560	0.185	Corner Curve Adapteur	0.04 / 0.28
	23043	1.395	Out Ward Adapteur	25.66 / 8.46
	23014	2.300	Out Ward Sash Profile	64.64 / 61.57
	23027	1.450	Pivot Adapteur Profile	32.87 / 12.71
	21554	0.368	Border Profile	0.25 / 6.57
	21553	0.340	Border Profile	0.11 / 3.67
	23031	1.456	Frame Profile For Hidden Vent	39.17 / 10.17
	23042	2.244	Sash Profile For Hidden Vent	61.88 / 16.61
	23033	1.646	Mullion Profile For Hidden Vent	42.70 / 26.50
	23032	1.566	Mullion Profile For Hidden Vent	40.99 / 16.52
	23021	2.170	Mullion Profile (Reinforcement)	114.79 / 17.73

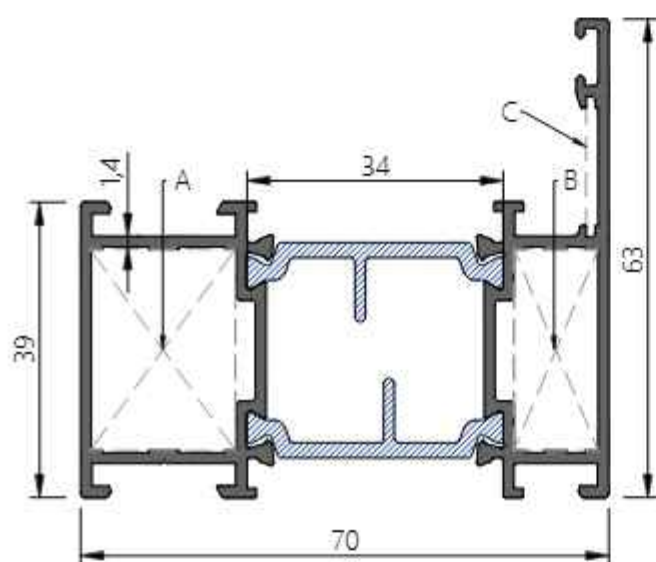
OVERVIEW OF PROFILES

DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE <i>Ix(cm⁴) / Iy (cm⁴)</i>
	23046	1.694	Double Casement Adaptor For Hidden Vent	44.73 / 23.55
	21070	0.680	Glazing Bead Adaptor	0.96 / 8.39
	23040	0.660	Threshold Profile	0.30 / 12.37
	21041	0.260	Threshold Adaptor Profile	0.18 / 0.55
	21501	0.250	Glazing Bead	/
	21502	0.263	Glazing Bead	/
	21503	0.280	Glazing Bead	/
	21504	0.300	Glazing Bead	/
	21505	0.340	Glazing bead	/
	21506	0.345	Glazing Bead	/
	21507	0.370	Glazing Bead	/
	21508	0.385	Glazing Bead	/
	21509	0.390	Glazing Bead	/
	21513	0.125	Glazing Bead	/
	21531	0.273	Glass Support	/



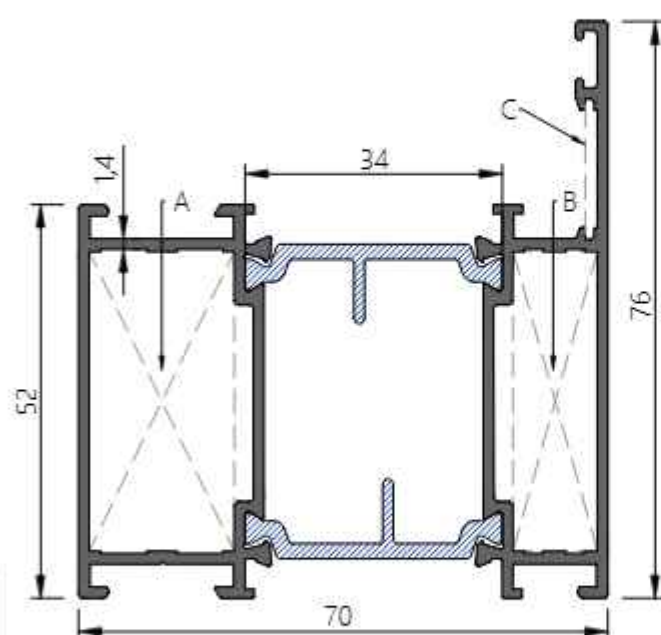
Profile Name	Profile Code	Weight (Kg/m)
Frame Profile	23001	1.241

Corner Cleat	A	B	C
	308-2 18.8mm	308-13 10.8mm	21326



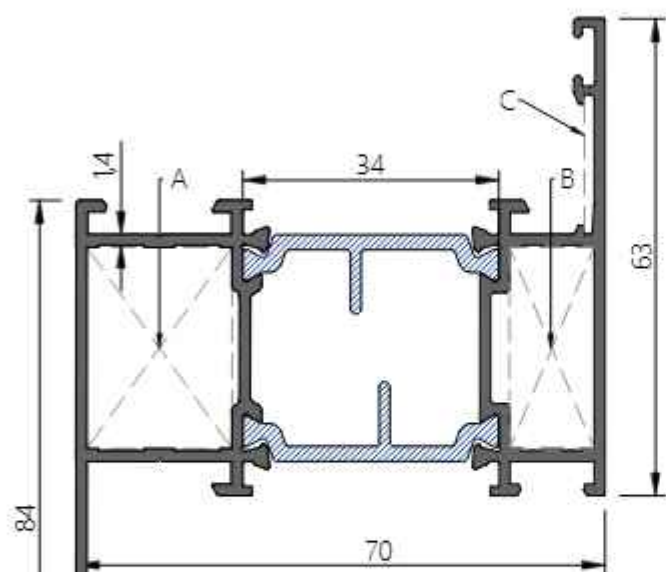
Profile Name	Profile Code	Weight (Kg/m)
Frame Profile	23002	1.430

Corner Cleat	A	B	C
	311-3 18.8mm	311-10 10.8mm	21326



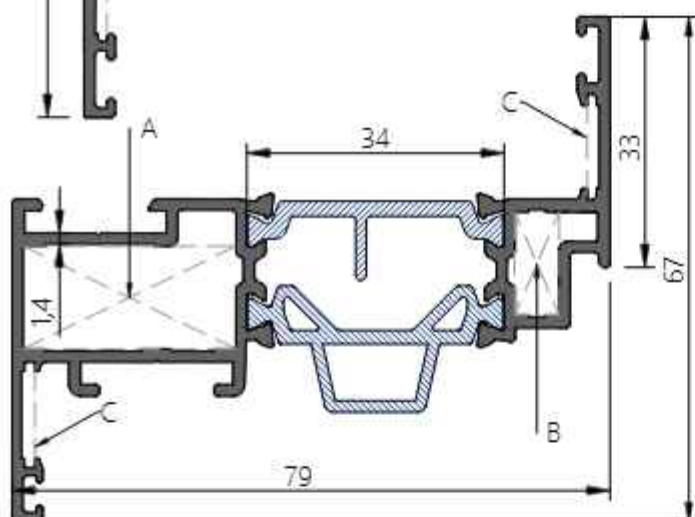
Profile Name	Profile Code	Weight (Kg/m)
Frame Profile	23003	1.625

Corner Cleat	A	B	C
	312-2 18.8mm	312-4 10.8mm	21326



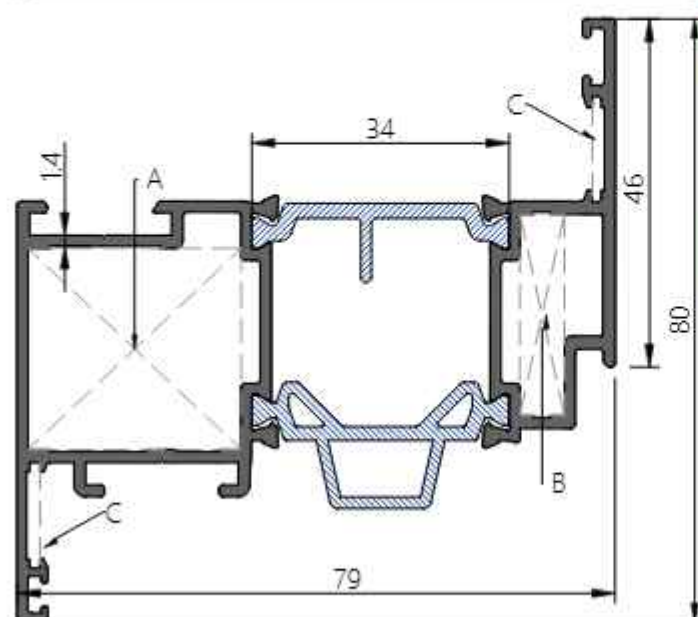
Profile Name	Profile Code	Weight (Kg/m)
Z Frame Profile	23007	1.630

Corner Cleat	A	B	C
	311-3 18.8mm	311-10 10.8mm	21326



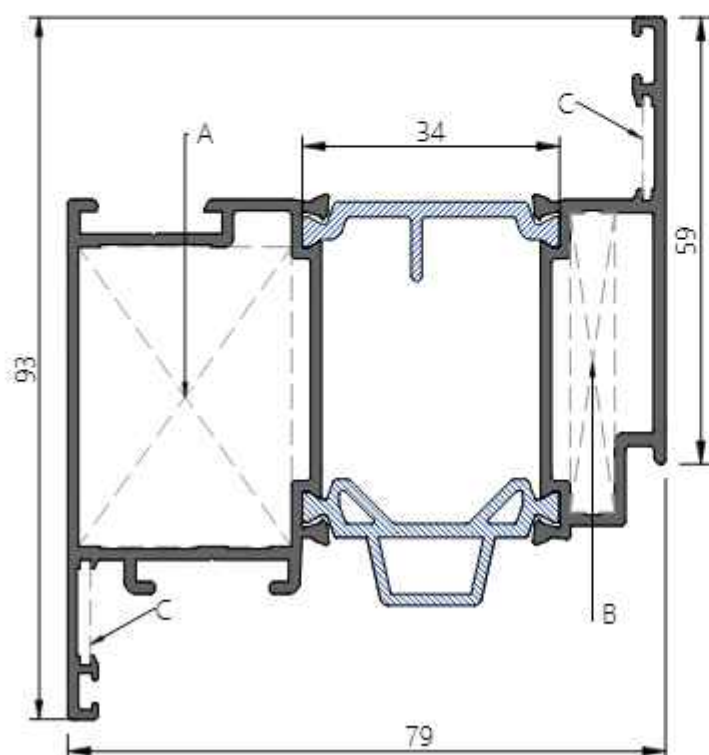
Profile Name	Profile Code	Weight (Kg/m)
Sash Profile	23008	1.367

Corner Cleat	A	B	C
	308-3 27.8mm	308-14 5.5mm	21327



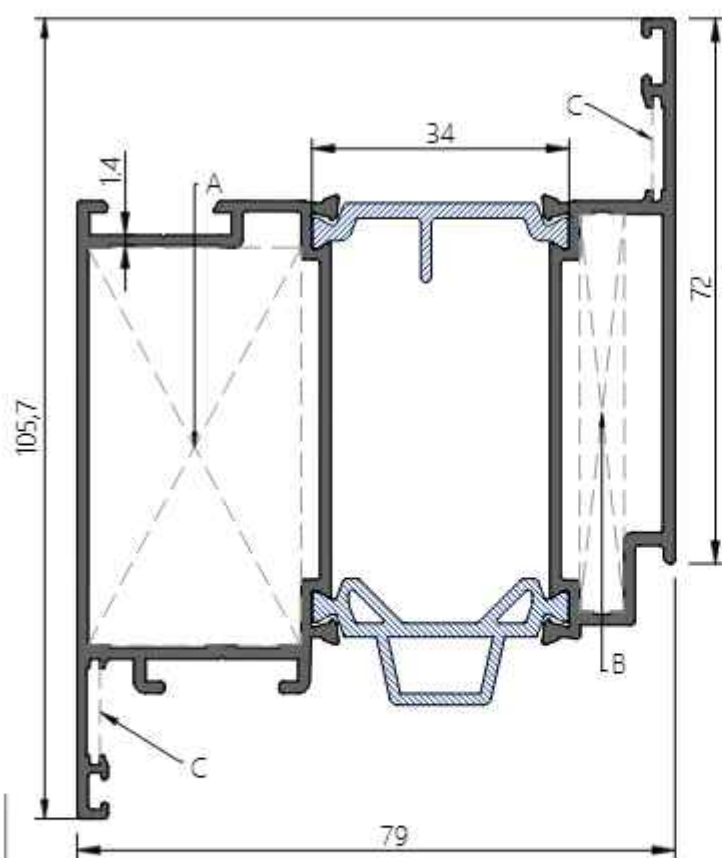
Profile Name	Profile Code	Weight (Kg/m)
Sash Profile	23009	1.578

Corner Cleat	A	B	C
	311-4 27.8mm	311-11 5.5mm	21327



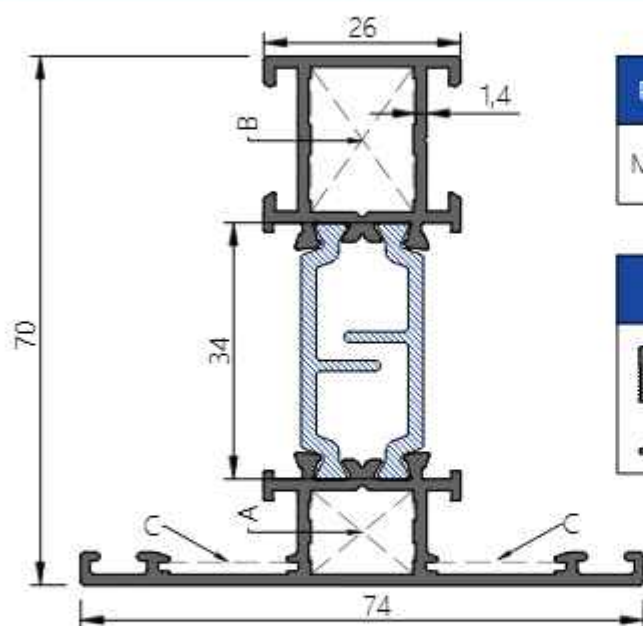
Profile Name	Profile Code	Weight (Kg/m)
Sash Profile	23010	1.780

Corner Cleat	A	B	C
	312-5 27.8mm	312-3 5.5mm	21327



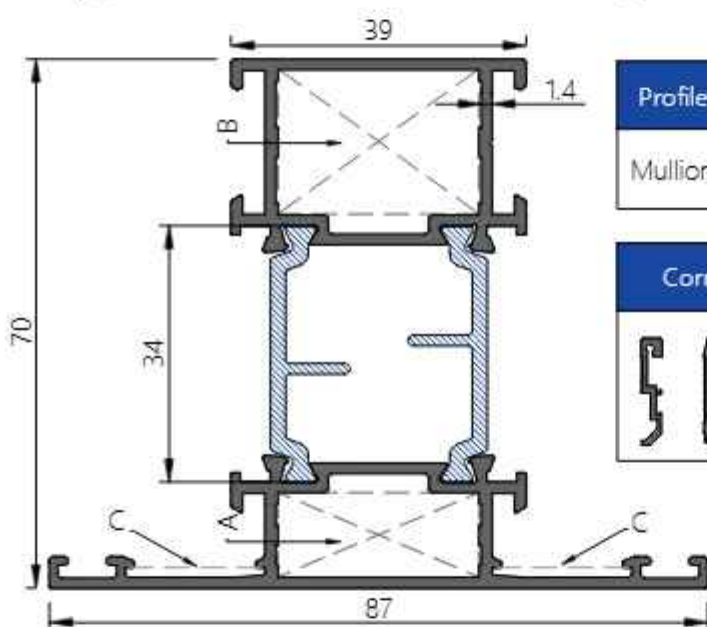
Profile Name	Profile Code	Weight (Kg/m)
Sash Profile	23011	1.985

Corner Cleat	A	B	C
	314-1 27.8mm	314-2 5.5mm	21327



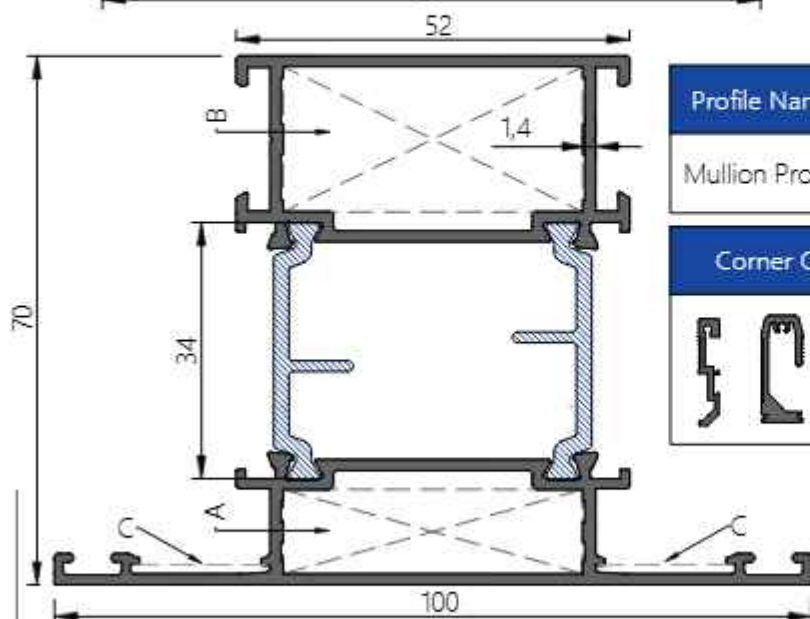
Profile Name	Profile Code	Weight (Kg/m)
Mullion Profile	23015	1.356

Corner Cleat	A	B	C
  	320-1		21326



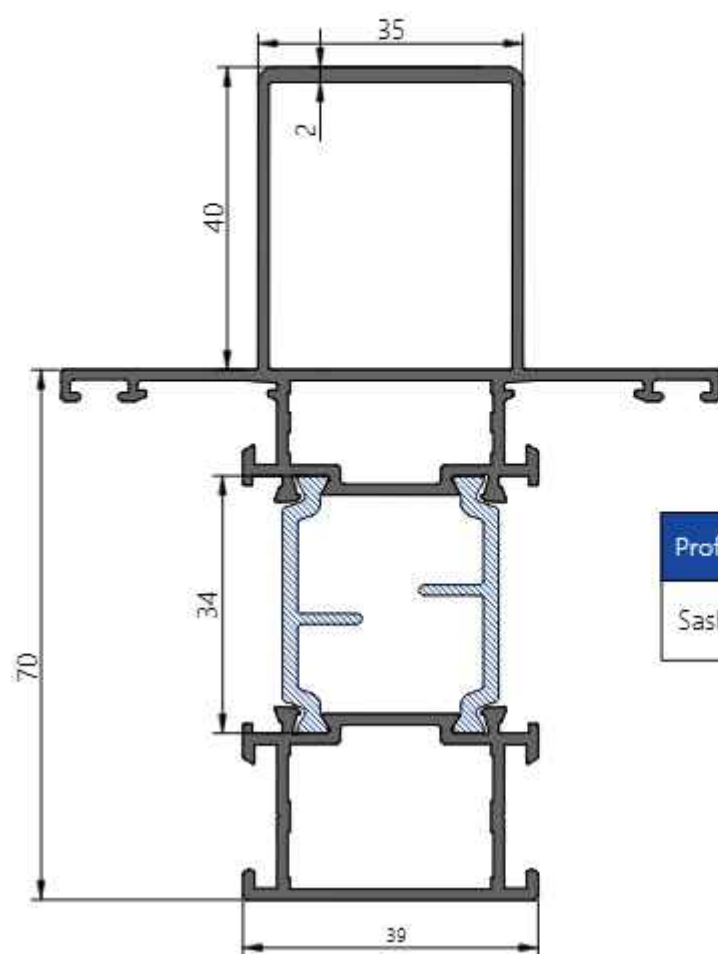
Profile Name	Profile Code	Weight (Kg/m)
Mullion Profile	23016	1.545

Corner Cleat	A	B	C
  	320-2		21326

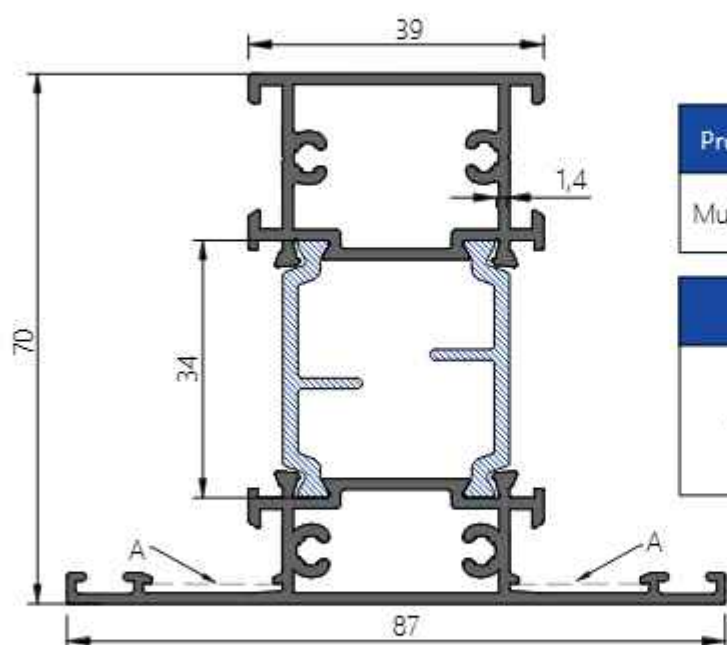


Profile Name	Profile Code	Weight (Kg/m)
Mullion Profile	23017	1.720

Corner Cleat	A	B	C
  	320-3		21326

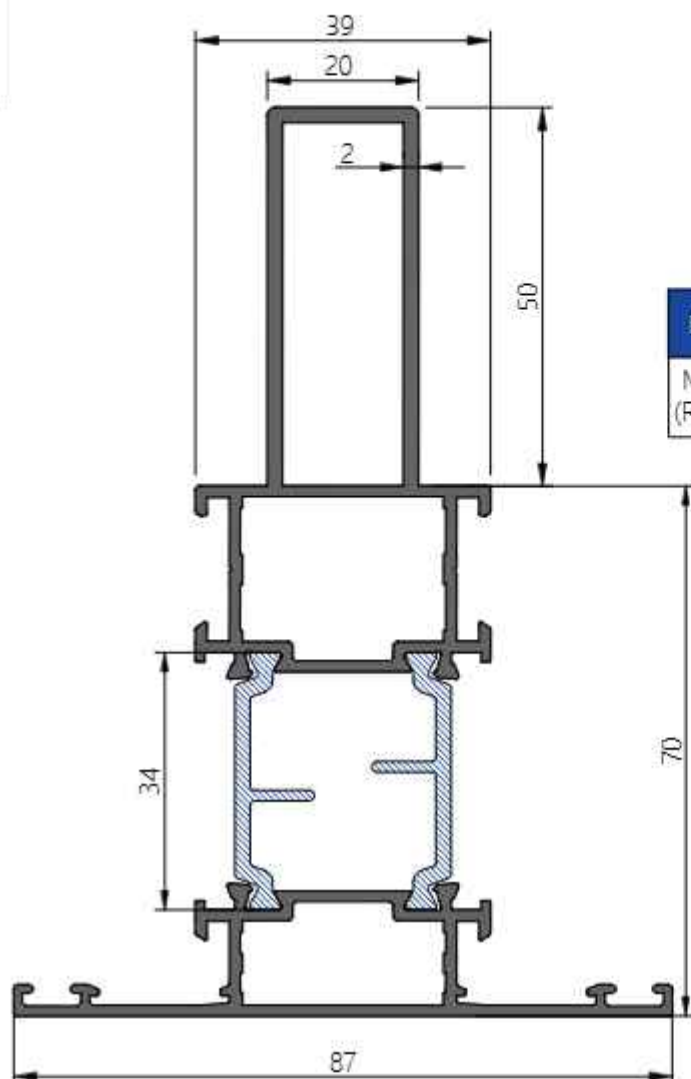


Profile Name	Profile Code	Weight (Kg/m)
Sash Mullion	23018	2.020

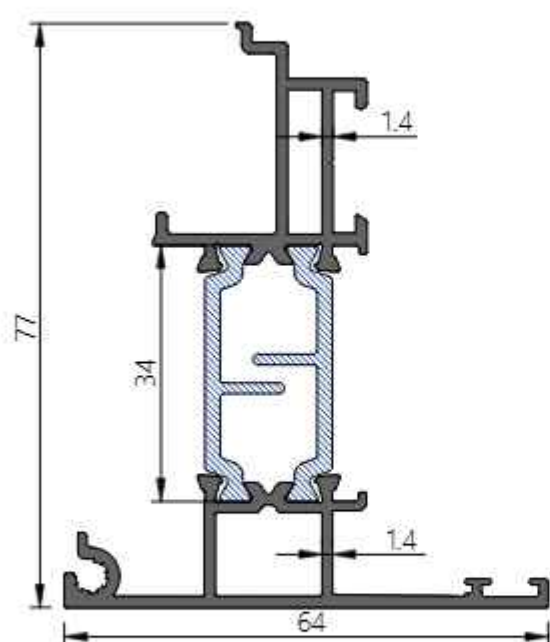


Profile Name	Profile Code	Weight (Kg/m)
Mullion Profile	23019	1.696

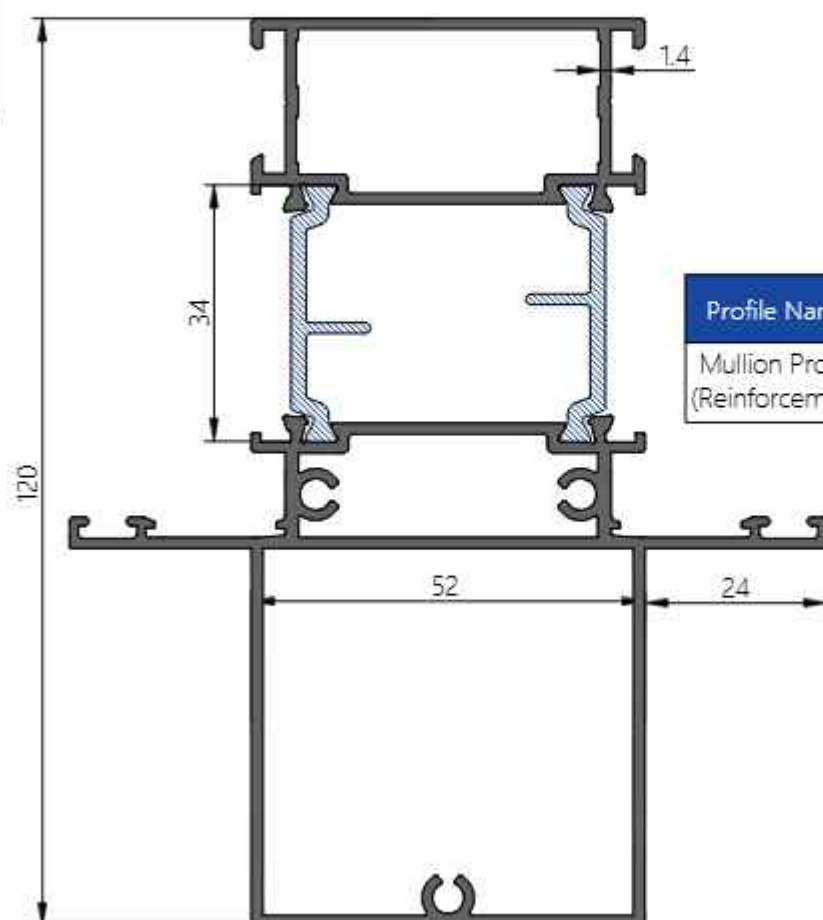
Corner Cleat	A
	21326



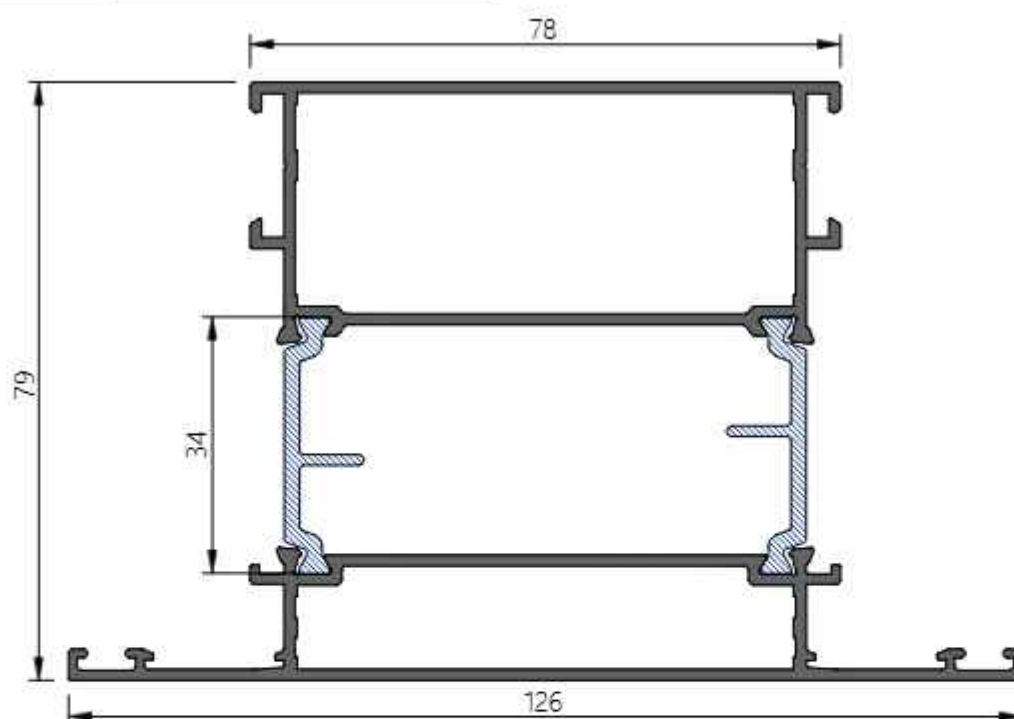
Profile Name	Profile Code	Weight (Kg/m)
Mullion Profile (Reinforcement)	23021	2.170



Profile Name	Profile Code	Weight (Kg/m)
Double Casement Adaptor Profile	23045	1.288

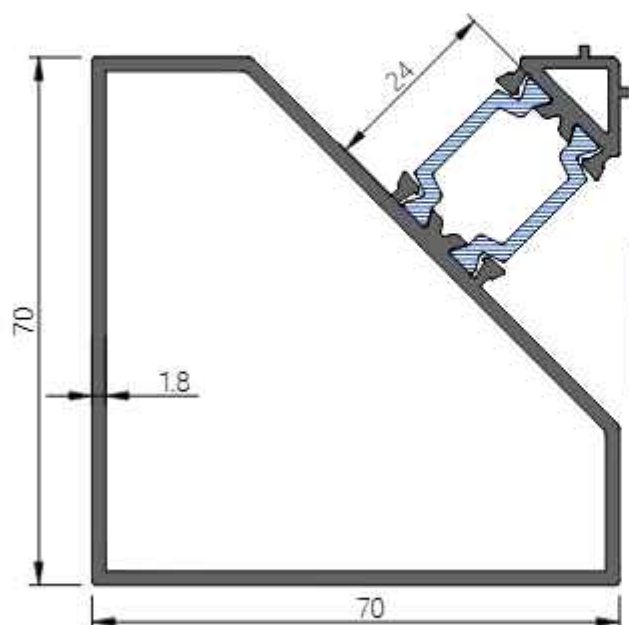


Profile Name	Profile Code	Weight (Kg/m)
Mullion Profile (Reinforcement)	23020	2,454

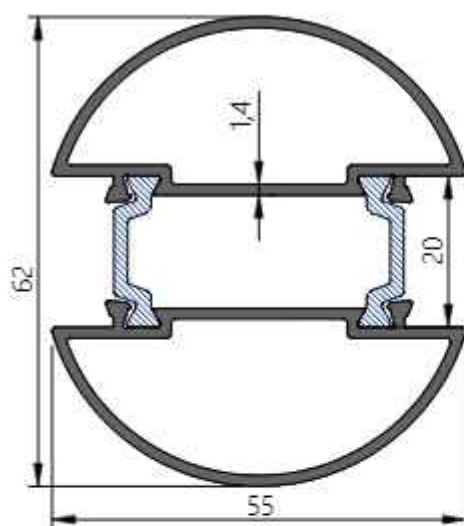


Profile Name	Profile Code	Weight (Kg/m)
Mullion In Sash Profile	23025	2.170

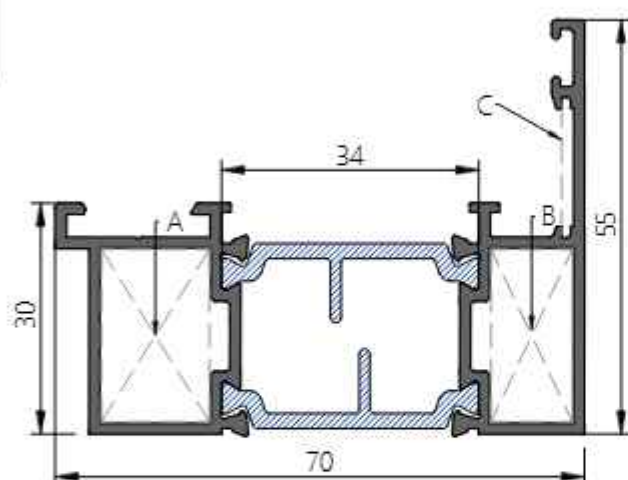
Corner Cleat	A	B
	320-4 65.2mm	



Profile Name	Profile Code	Weight (Kg/m)
Corner 90° Profile	23060	1.682

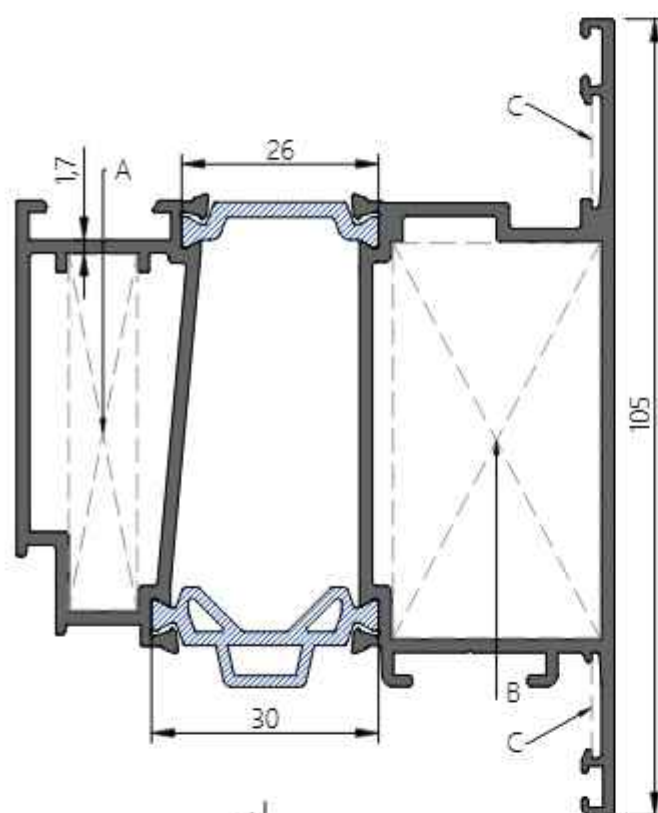


Profile Name	Profile Code	Weight (Kg/m)
Corner Curve Profile	23061	1.230



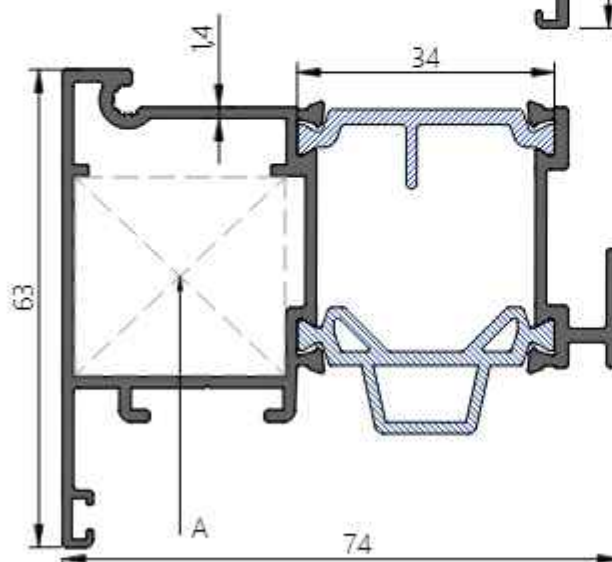
Profile Name	Profile Code	Weight (Kg/m)
Out Ward Adaptor	23043	1.395

Corner Cleat	A	B	C
	319-1 14.3mm	319-2 10.8mm	21326



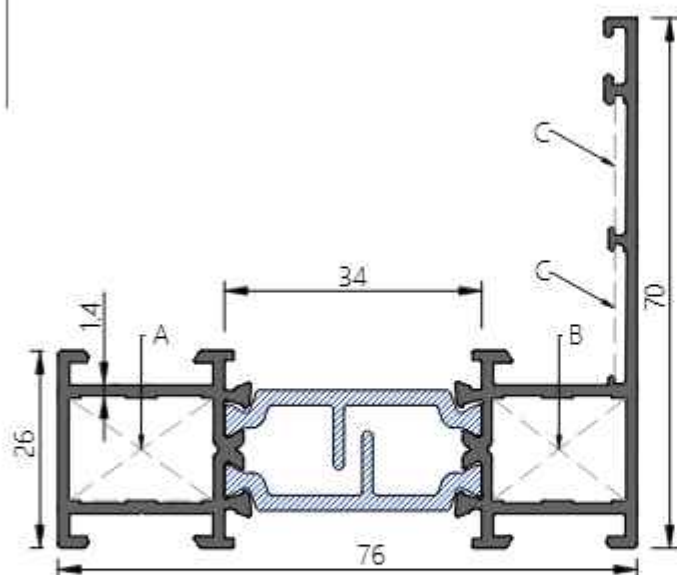
Profile Name	Profile Code	Weight (Kg/m)
Out Ward Sash Profile	23014	2.300

Corner Cleat	A	B	C
 	313-3 8.9mm	314-1 27.8mm	21327



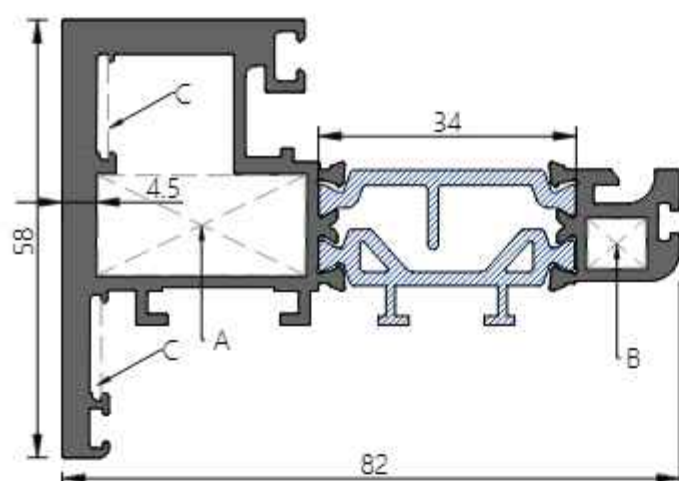
Profile Name	Profile Code	Weight (Kg/m)
Pivot Adaptor Profile	23027	1.450

Corner Cleat	A
	311-4 27.8mm



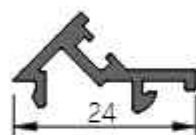
Profile Name	Profile Code	Weight (Kg/m)
Frame Profile For Hidden Vent	23031	1.456

Corner Cleat	A	B	C
	308-13 18.8mm	308-20 17.4mm	21326

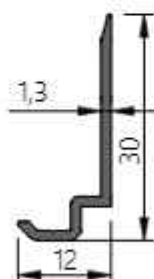


Profile Name	Profile Code	Weight (Kg/m)
Sash Profile For Hidden Vent	23042	2.244

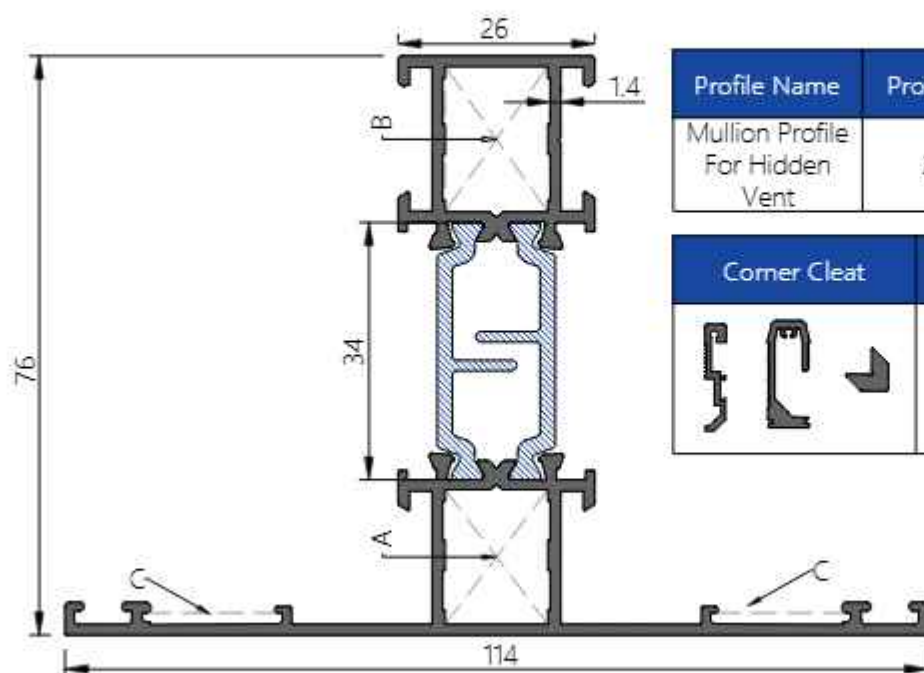
Corner Cleat	A	B	C
	308-8 27.4mm	551-1 7.6mm	21327



Profile Name	Profile Code	Weight (Kg/m)
Corner Curve Adaptor	21561	0.185

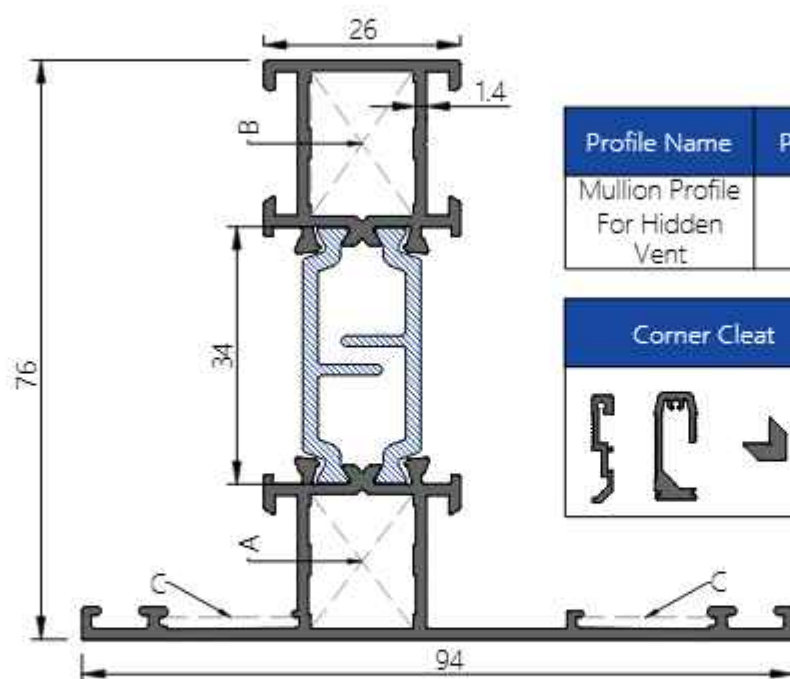


Profile Name	Profile Code	Weight (Kg/m)
Corner Curve Adaptor	21562	0.140



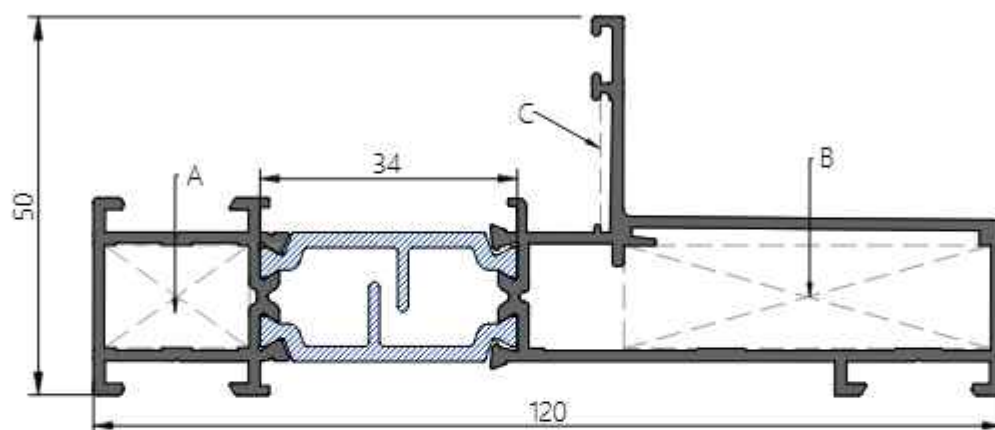
Profile Name	Profile Code	Weight (Kg/m)
Mullion Profile For Hidden Vent	23033	1.646

Corner Cleat	A	B	C
  	320-1 13.2mm		21326

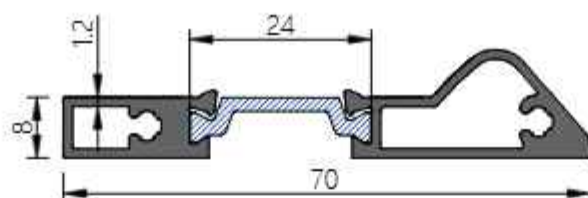


Profile Name	Profile Code	Weight (Kg/m)
Mullion Profile For Hidden Vent	23032	1.566

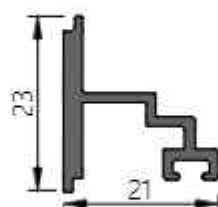
Corner Cleat	A	B	C
  	320-1 13.2mm		21326



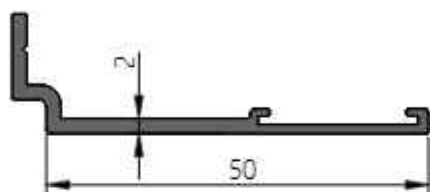
Corner Cleat	A	B	C	Profile Name	Profile Code	Weight (Kg/m)
	308-2 18.8mm	308-16 48.1mm	21326	Frame Profile	23004	1.650



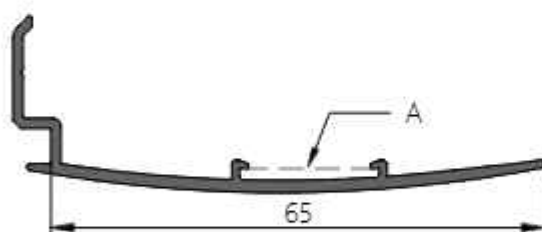
Profile Name	Profile Code	Weight (Kg/m)
Threshold Profile	23040	0.660



Profile Name	Profile Code	Weight (Kg/m)
Threshold Adaptor Profile	21041	0.260

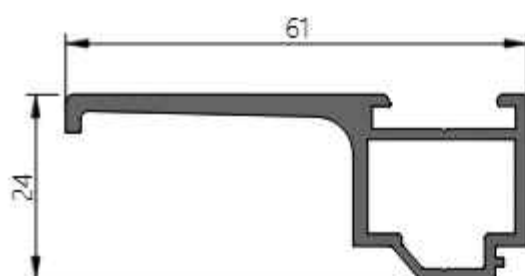


Profile Name	Profile Code	Weight (Kg/m)
Border Profile	21553	0.340

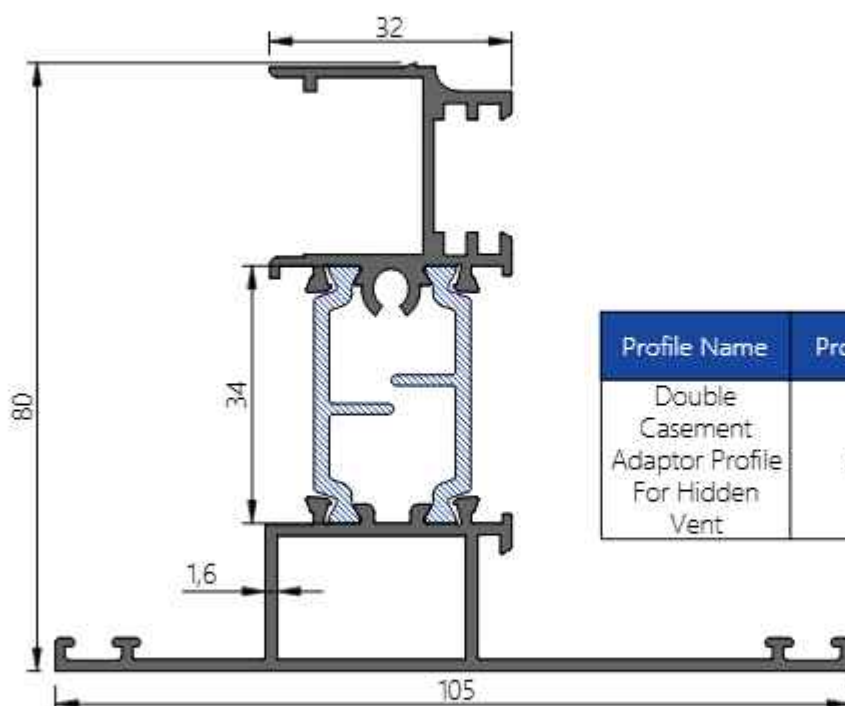


Profile Name	Profile Code	Weight (Kg/m)
Border Profile	21554	0.368

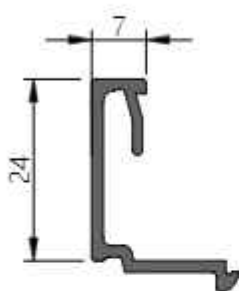
Corner Cleat	A
	21326



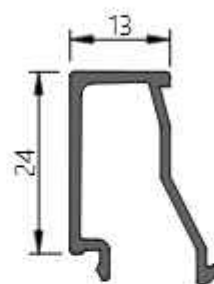
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead Adaptor	21070	0.680



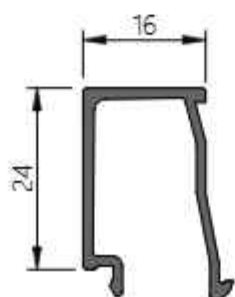
Profile Name	Profile Code	Weight (Kg/m)
Double Casement Adaptor Profile For Hidden Vent	23046	1.694



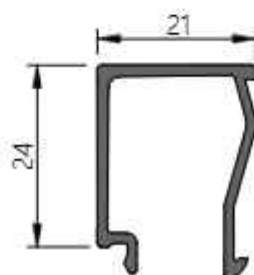
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21501	0.250



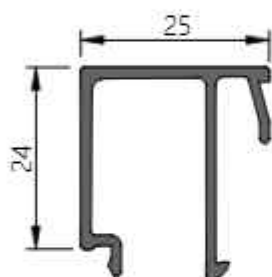
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21502	0.263



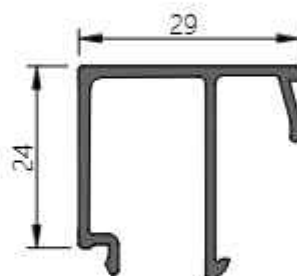
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21503	0.280



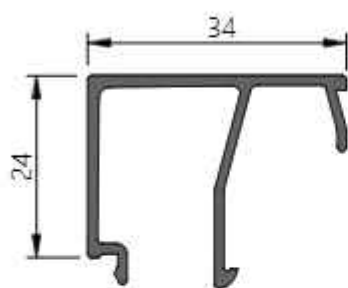
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21504	0.300



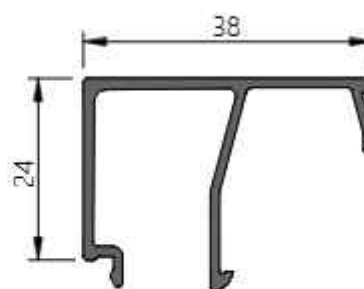
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21505	0.340



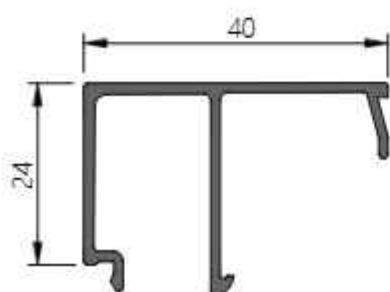
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21506	0.345



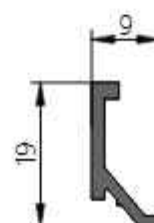
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21507	0.370



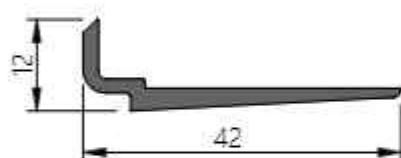
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21508	0.385



Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21509	0.390

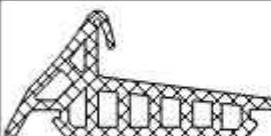


Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21513	0.125

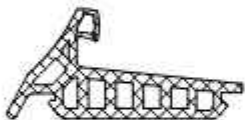
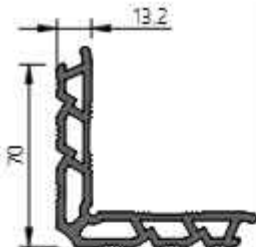
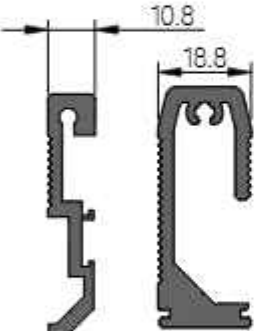


Profile Name	Profile Code	Weight (Kg/m)
Glass Support	21531	0.273

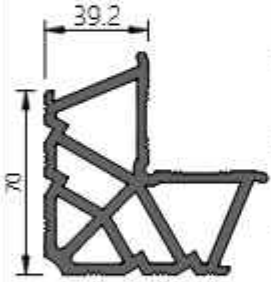
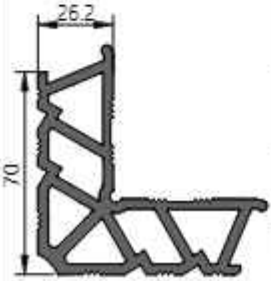
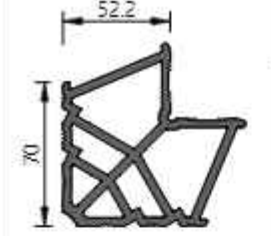
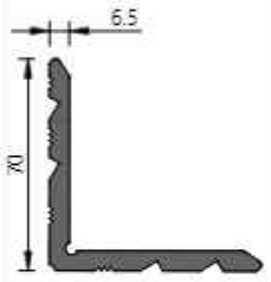
ACCESSORIES

Drawing	Code	Description	Material
	G 109	Glazing Gasket 4(mm)	EPDM
	G 110	Gasket For Frame Profile	
	G 201	Interior Glazing Gasket 4mm	
	G 202	Interior Glazing Gasket 6mm	
	G 203	Interior Glazing Gasket 8mm	
	G 210	Exterior Gasket	
	G 217	Glazing Gasket 6(mm)	
	G 228	Central Gasket	

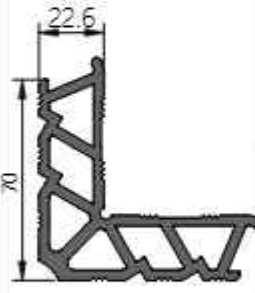
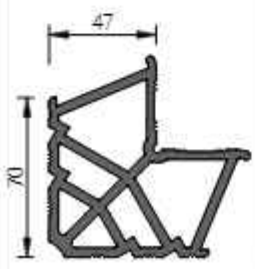
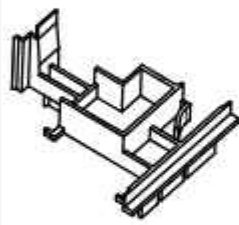
ACCESSORIES

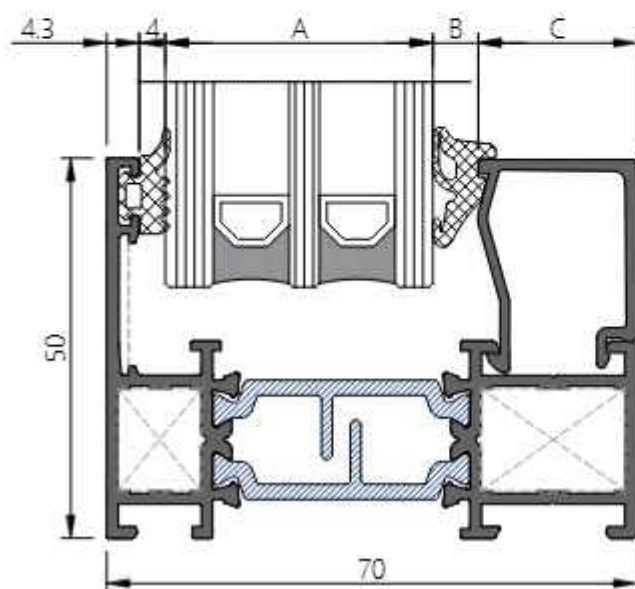
Drawing	Code	Description	Material
	G 229	Central Gasket	EPDM
	G 235	Glazing Gasket	
	308-2	23001Press Corner Cleat 18.8(mm)	Aluminium
	308-13	23001Press Corner Cleat 10.8 (mm)	
	308-14	23008Press Corner Cleat5.5(mm)	
	308-3	23008Press Corner Cleat27.8(mm)	
	308-8	23042Press Corner Cleat27.4(mm)	
	308-16	23042Press Corner Cleat33.1(mm)	
	308-20	23042Press Corner Cleat17.4(mm)	
	Profile:21320: Cutting:320-1:	Mullion Press Corner Cleat13.2(mm)	
	Profile:21320 Cutting:320-2	Mullion Press Corner Cleat26.6(mm)	
	Profile:21320 Cutting:320-3	Mullion Press Corner Cleat39.2(mm)	
	Profile:21320 Cutting:320-4	Mullion Press Corner Cleat65.2(mm)	

ACCESSORIES

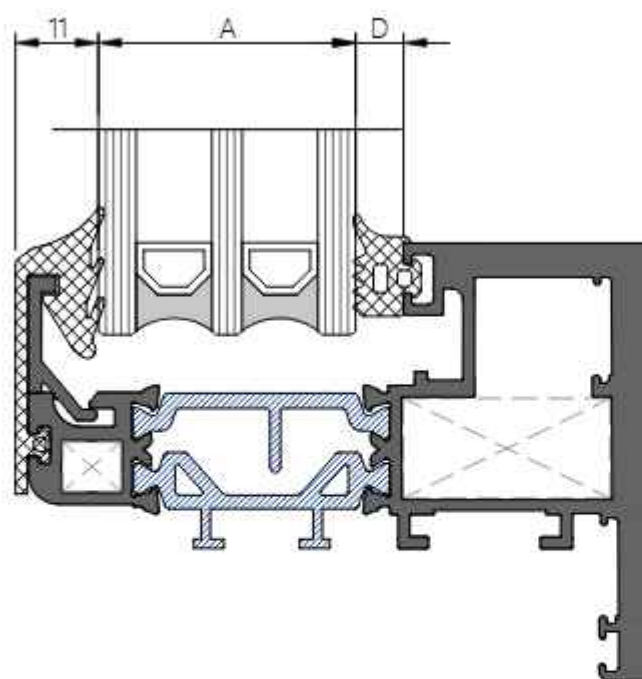
Drawing	Code	Description	Material
	312-4	Press Corner Cleat 10.8(mm)	Aluminium
	312-2	Press Corner Cleat 18.8(mm)	
	312-3	Press Corner Cleat 5.8(mm)	
	312-5	Press Corner Cleat 27.8(mm)	
	311-10	Press Corner Cleat 10.8(mm)	
	311-11	Press Corner Cleat 5.5(mm)	
	311-3	Press Corner Cleat 18.8(mm)	
	311-4	Press Corner Cleat 27.8(mm)	
	314-1	Press Corner Cleat 27.8(mm)	
	314-2	Press Corner Cleat 5.5(mm)	
	551-1	23042 Press Corner Cleat 7.6(mm)	

ACCESSORIES

Drawing	Code	Description	Material
	319-1	Press Corner Cleat 14.3(mm)	Aluminium
	319-2	Press Corner Cleat 10.8(mm)	
	313-1	Press Corner Cleat 8.9(mm)	
	21326	Press Corner Cleat For Frame Profile & Mullion Profile 18(mm)	
	21327	Press Corner Cleat For Sash Profile 13.5(mm)	
	AP 077	Tow Wings Windows Adapteur Plugs	POLYAMIDE



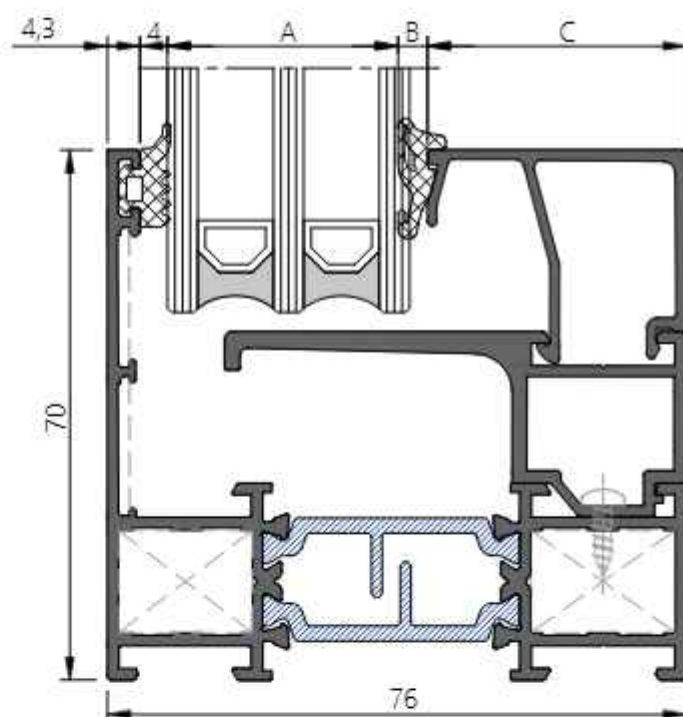
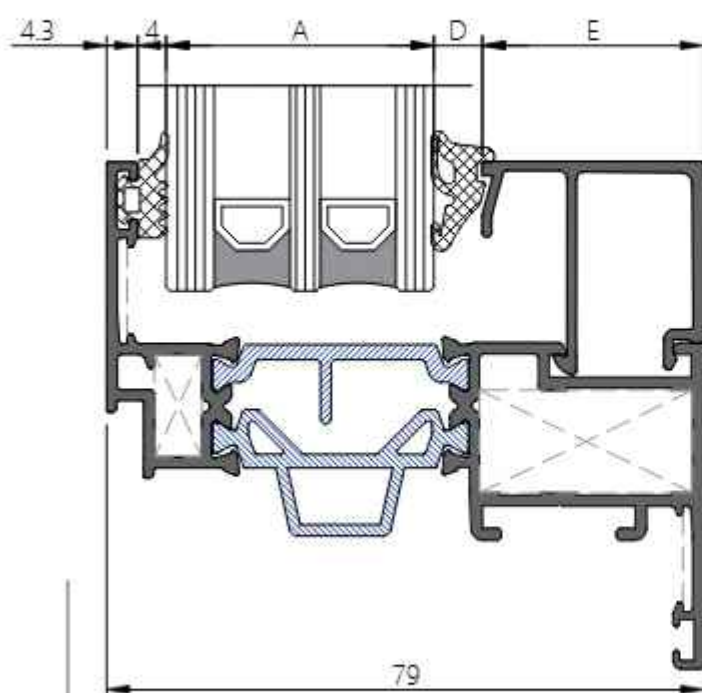
Glass Size		
A(mm)	B	C
24	G 201	21507
26	G 203	21506
28	G 201	21506
30	G 203	21505
32	G 201	21505
34	G 203	21504
36	G 201	21504
38	G 203	21503
40	G 202	21503
42	G 202	21502
44	G 201	21502

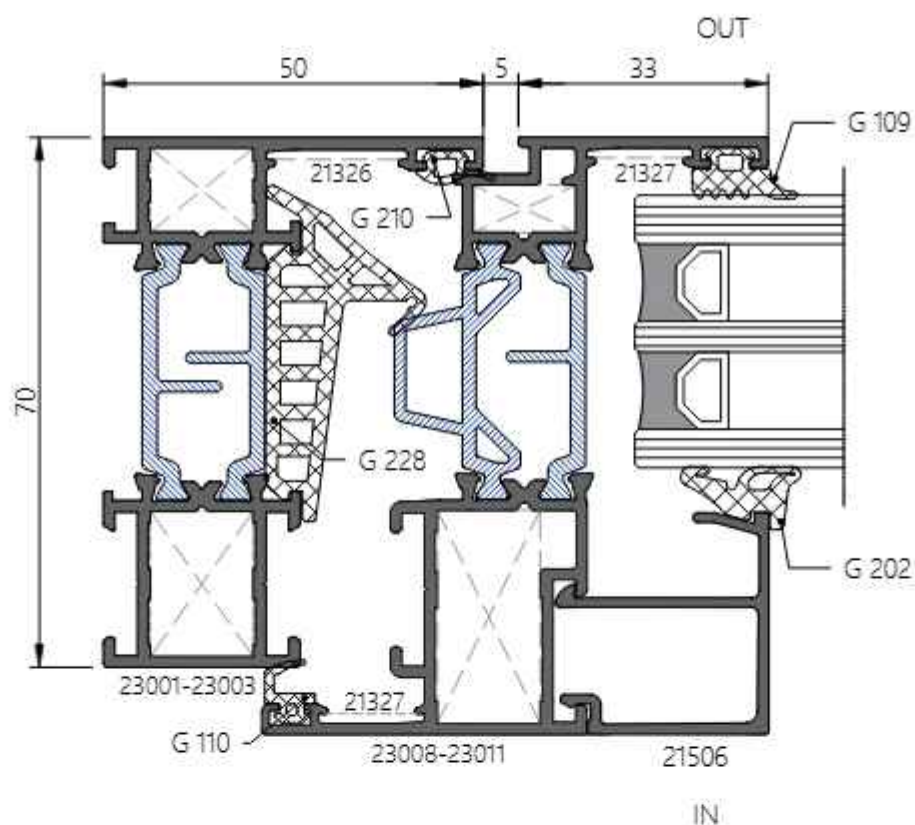
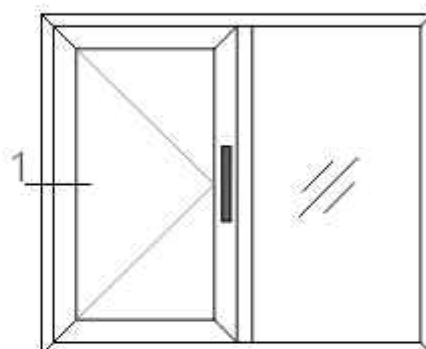


Glass Size	
A(mm)	D
34	G 217

Glass Size		
A(mm)	D	E
24	G 202	21509
26	G 201	21509
28	G 203	21507
30	G 202	21507
32	G 201	21507
34	G 203	21506
36	G 202	21506
38	G 203	21505
40	G 202	21505
42	G 201	21505
44	G 202	21504
46	G 201	21504
48	G 202	21503

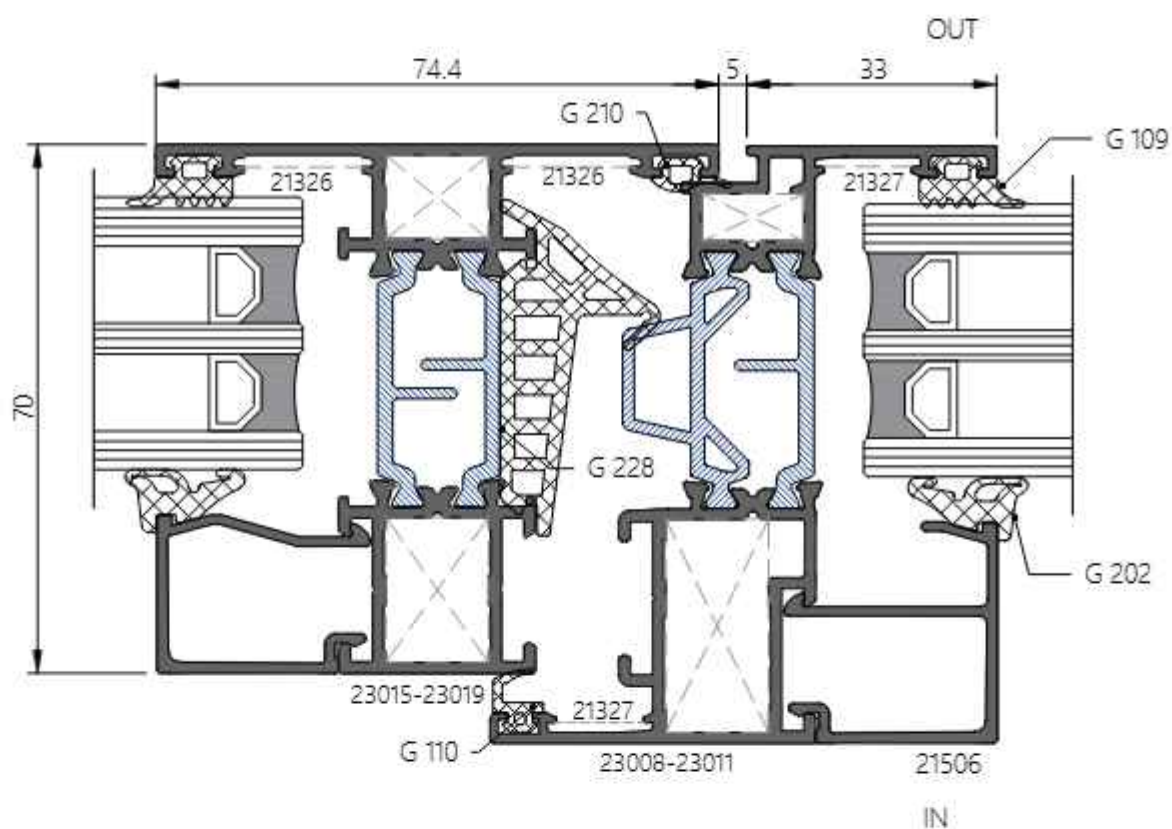
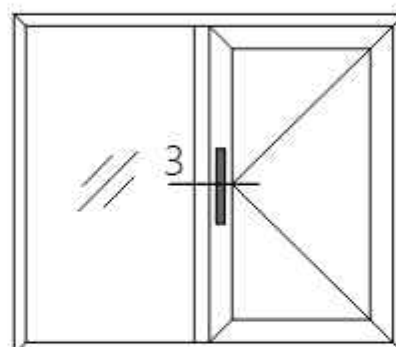
Glass Size		
A(mm)	B	C
24	G 201	21509
26	G 108	21509
30	G 201	21507
32	G 108	21507
34	G 202	21506
36	G 201	21506
38	G 202	21505
40	G 201	21505
42	G 202	21504
44	G 201	21504





1

HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge

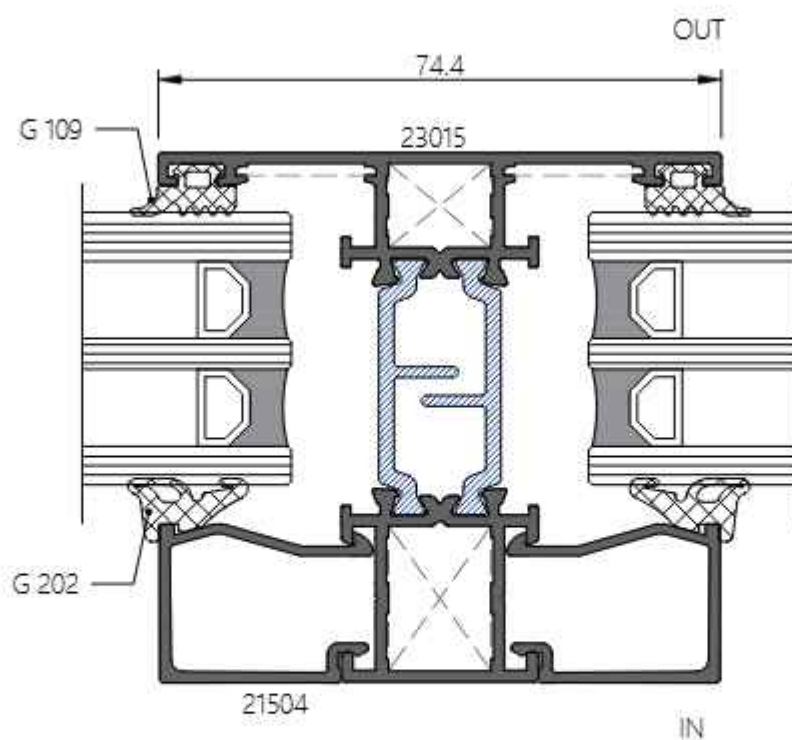
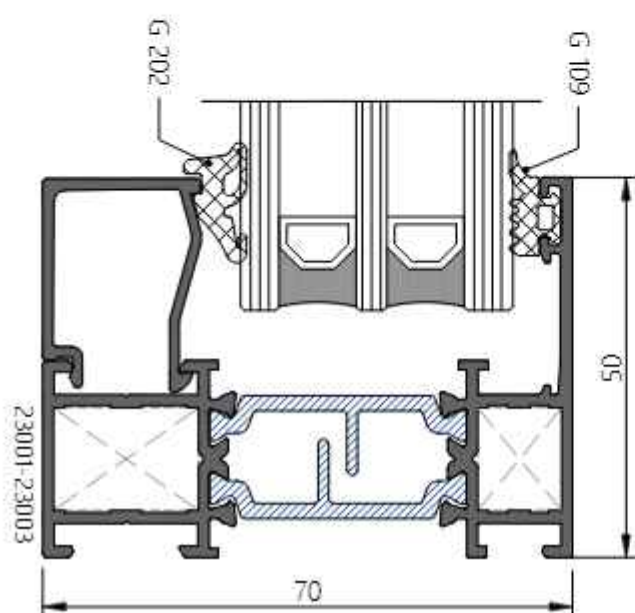


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HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge

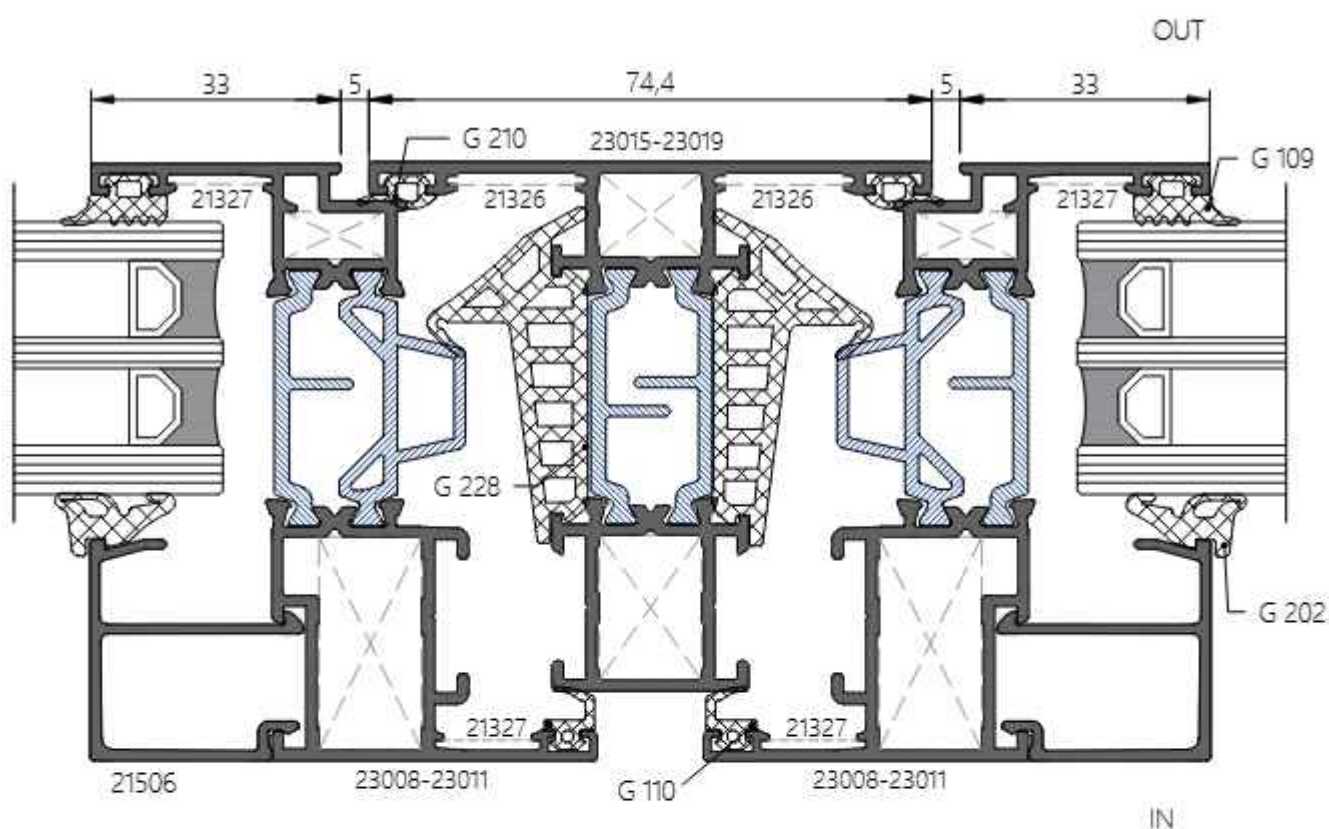
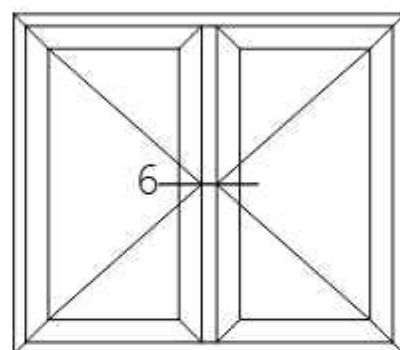
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4



5

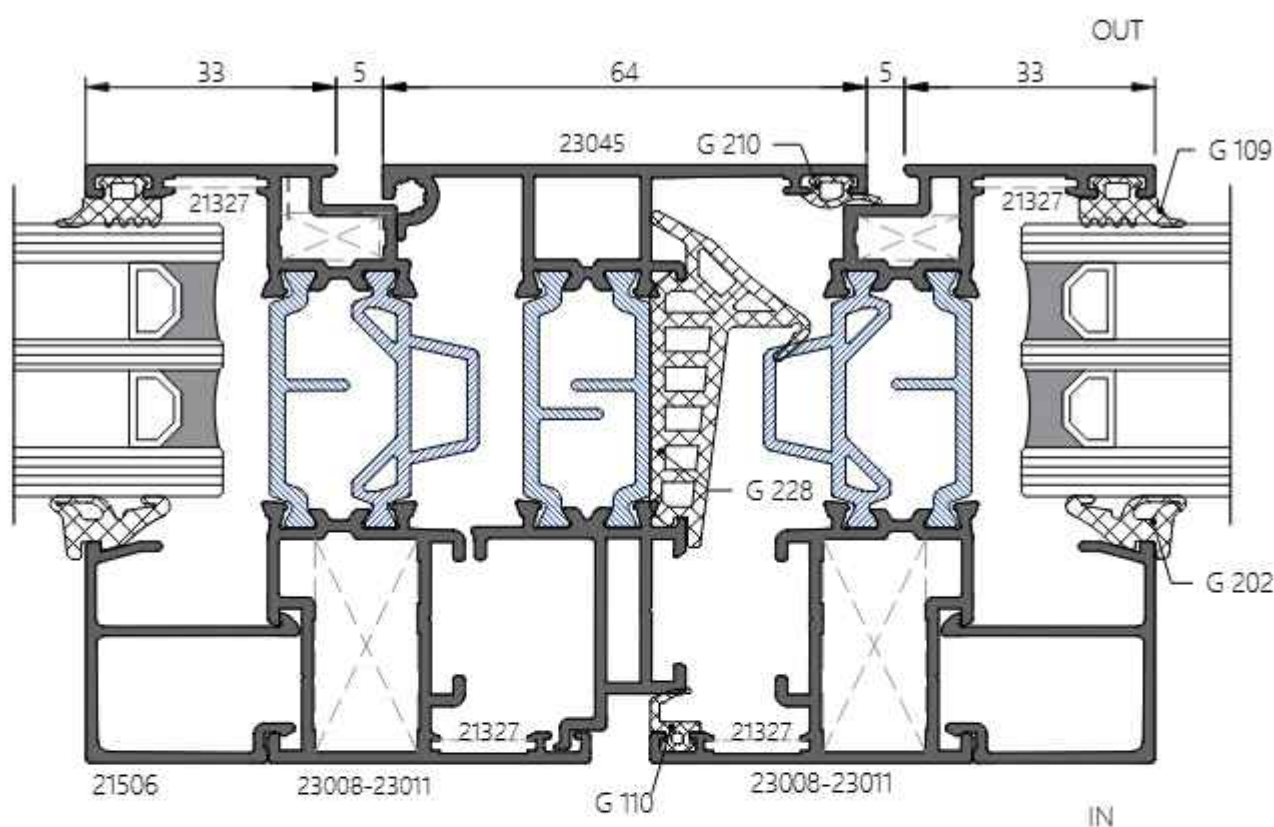
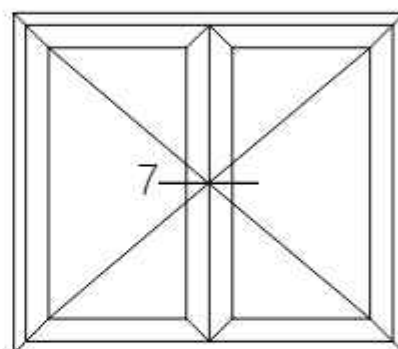
HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge



6

HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge

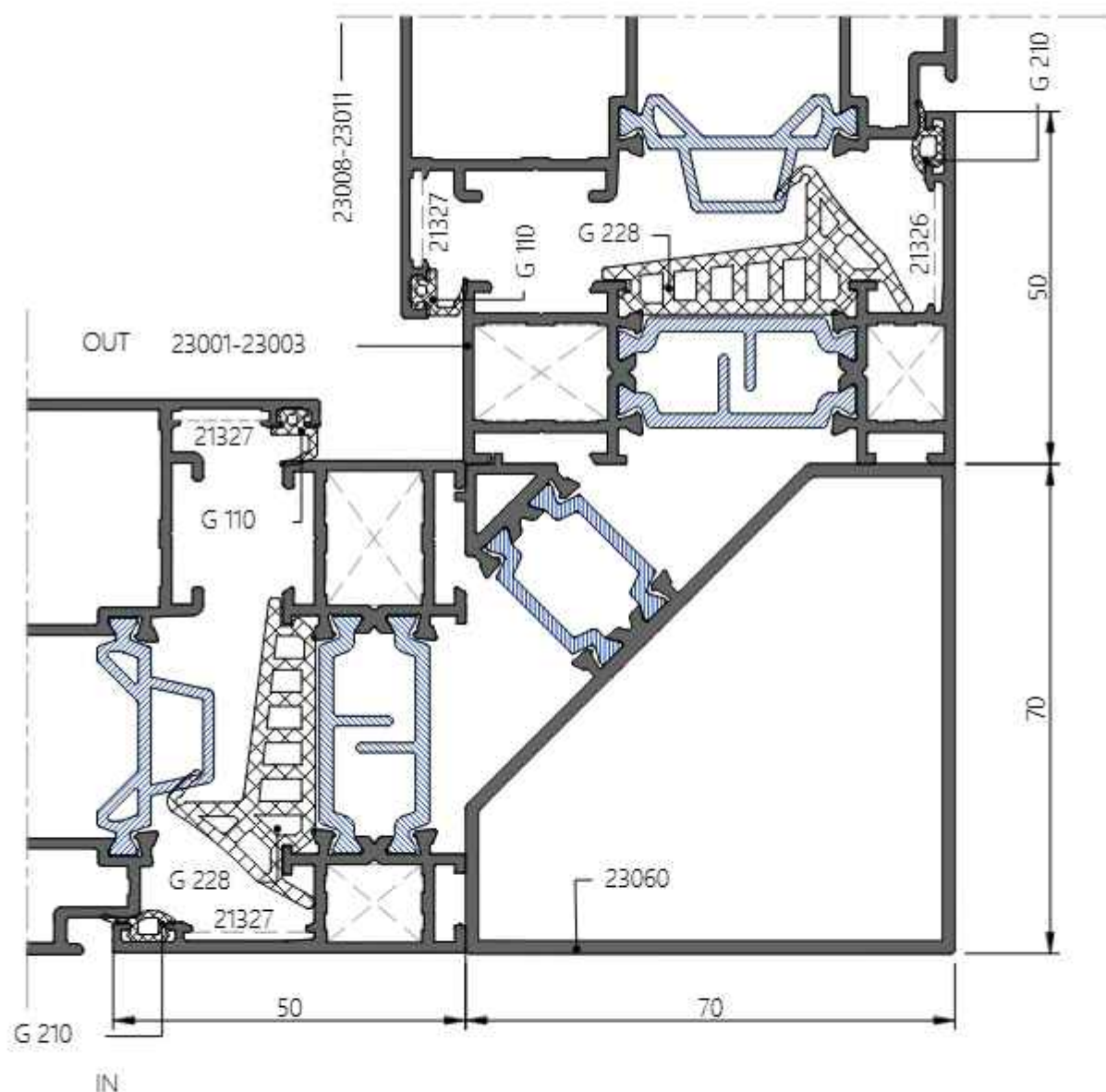
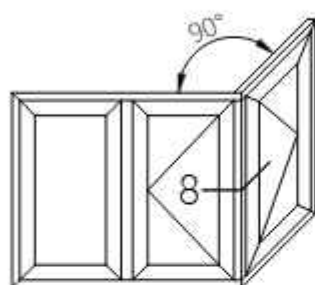
www.Bendini.co



7

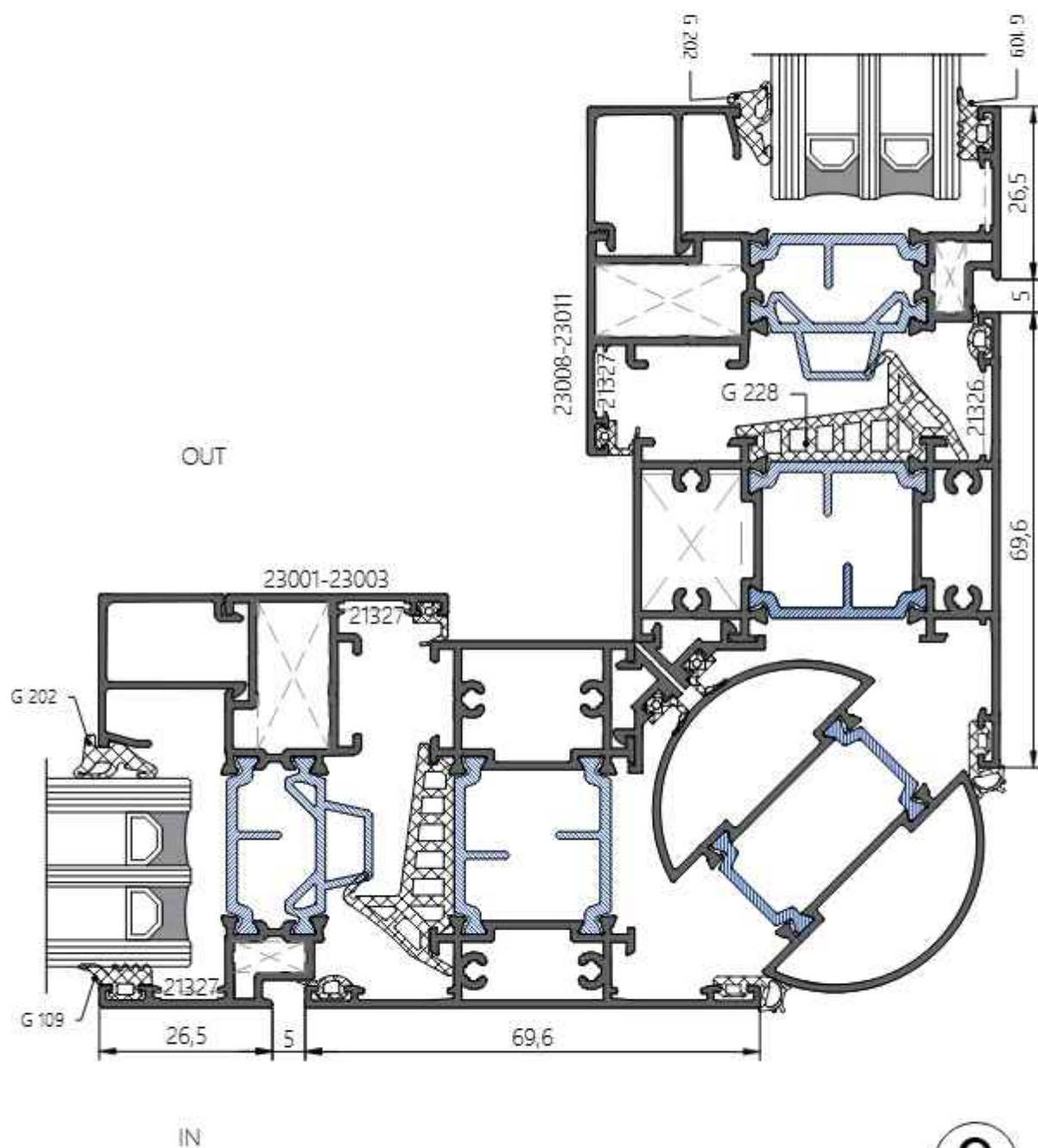
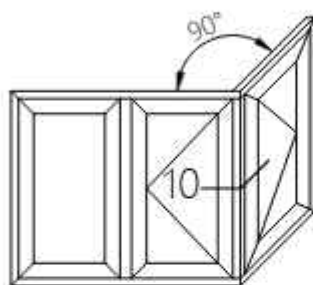
HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge

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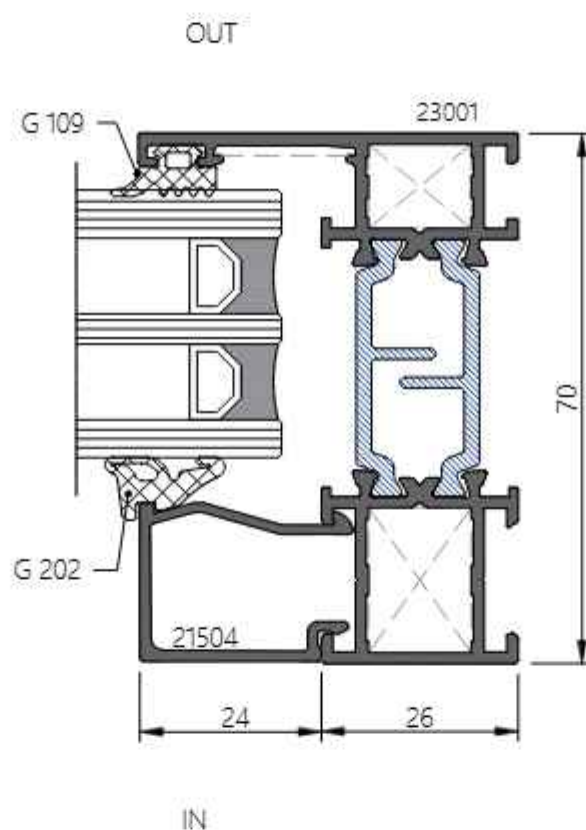
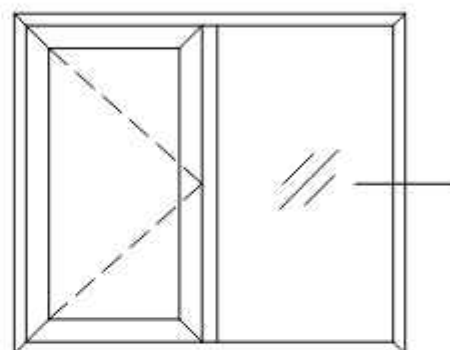
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HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge



9

HATCH GUIDE : ● Aluminium ▨ PolyAmid ▩ PVC ▤ EPDM ▦ Sponge



HATCH GUIDE : ● Aluminium

● PolyAmid

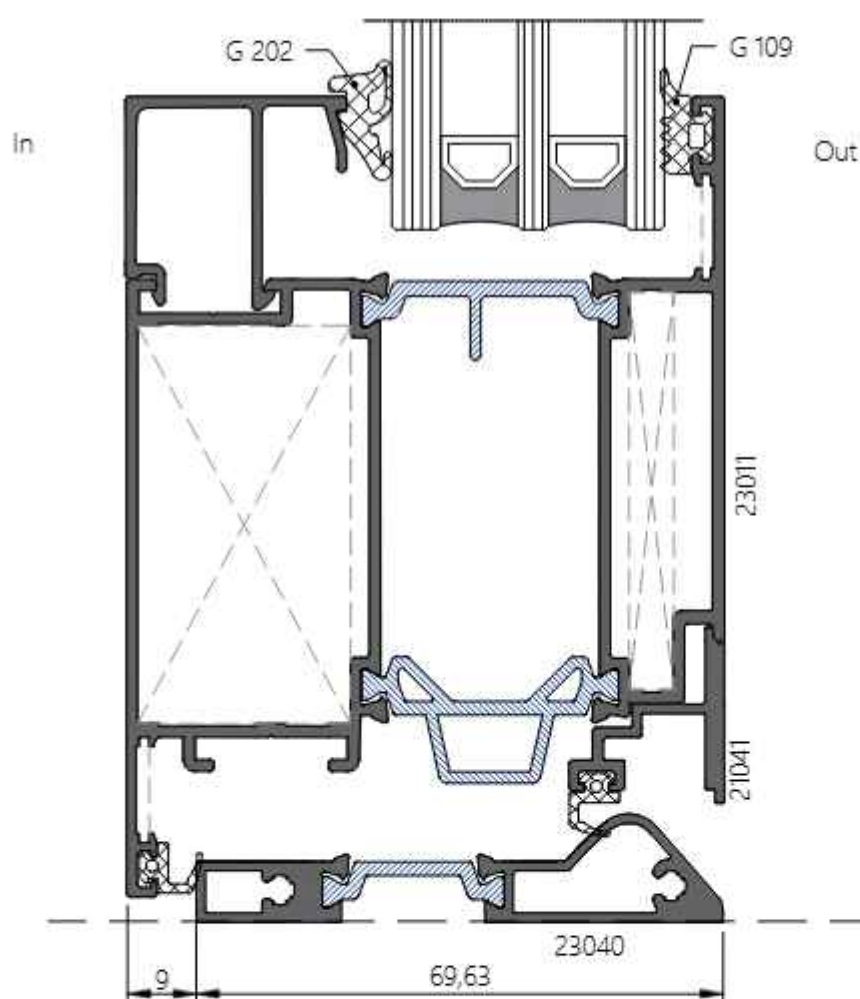
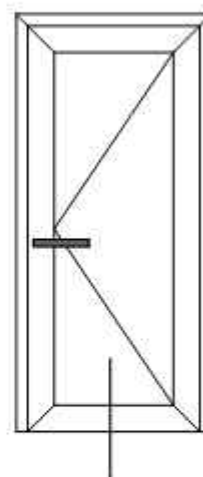
● PVC

● EPDM

● Sponge

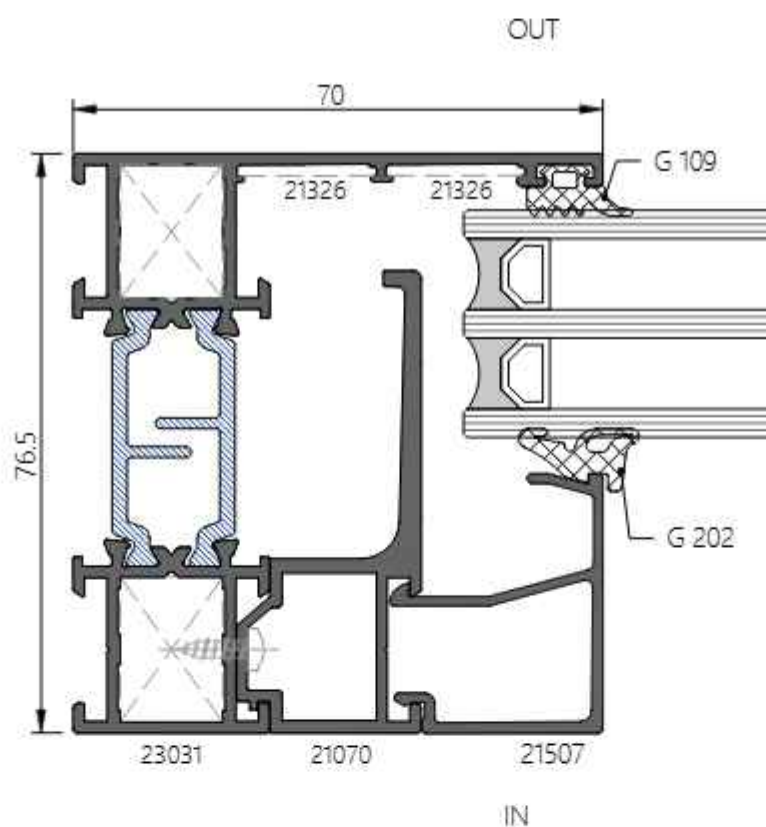
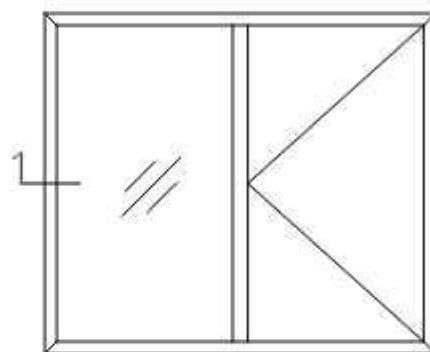
www.Bendini.co

THRESHOLD



HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge

HIDDEN VENT

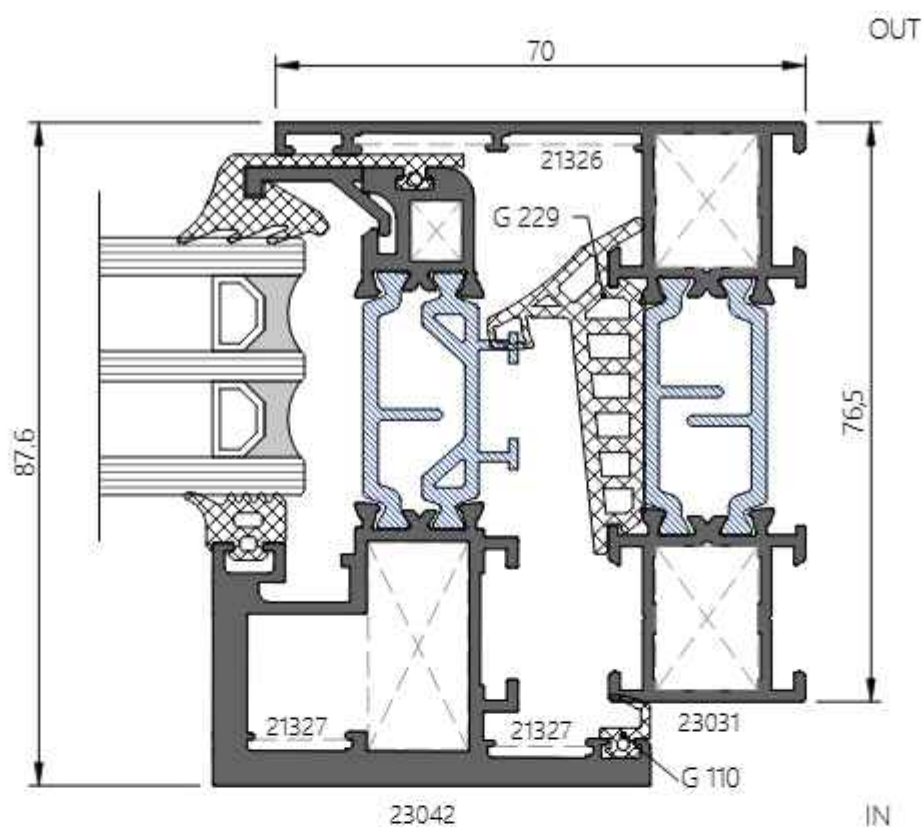
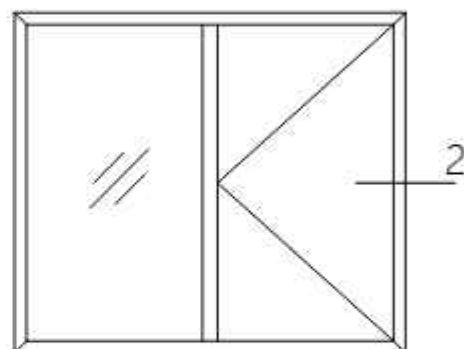


1

HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge

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HIDDEN VENT

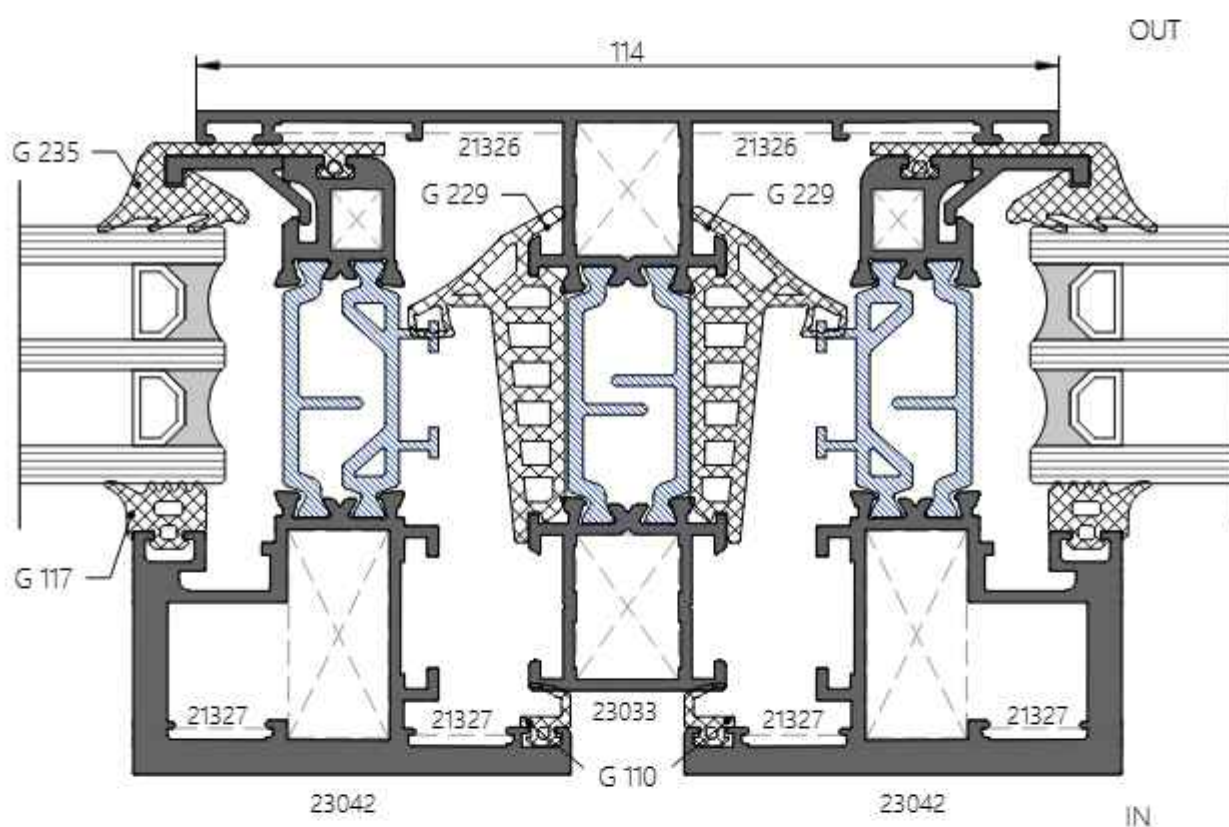
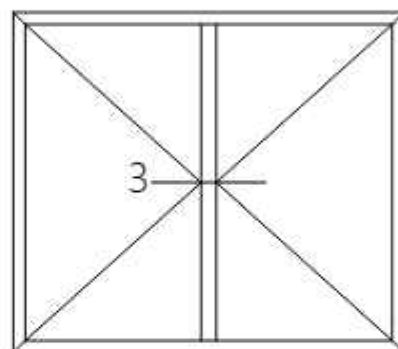


2

HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge

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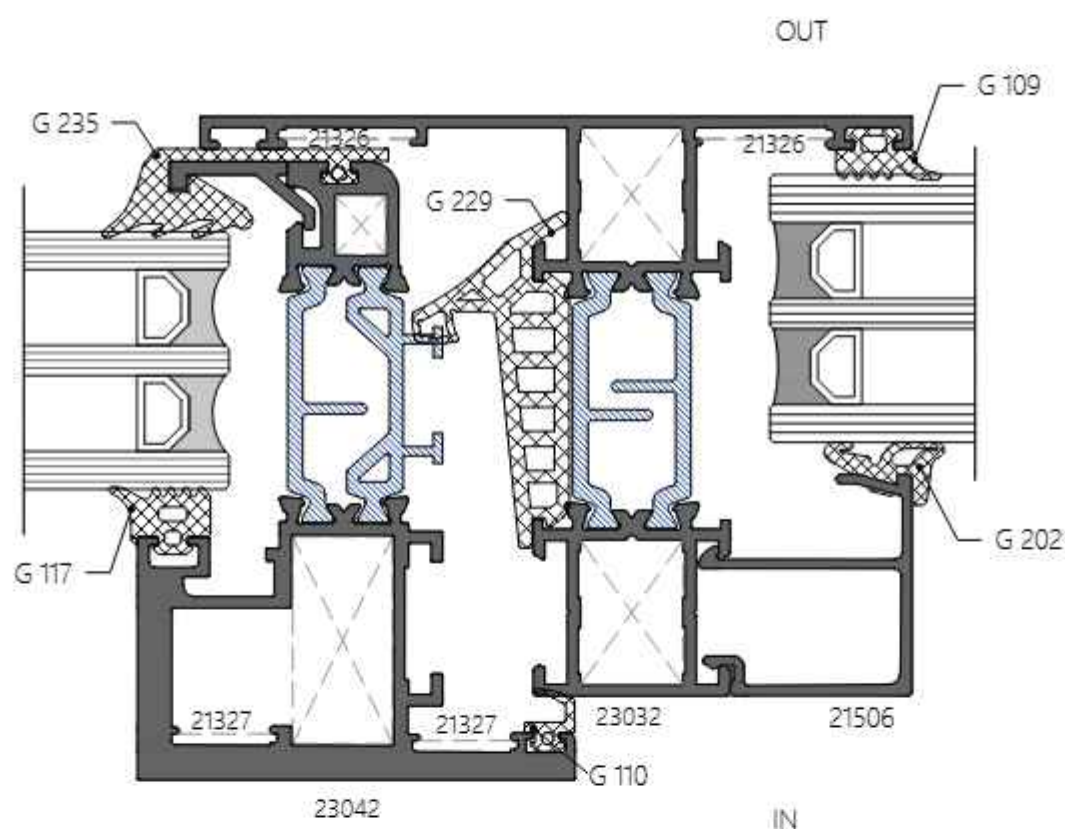
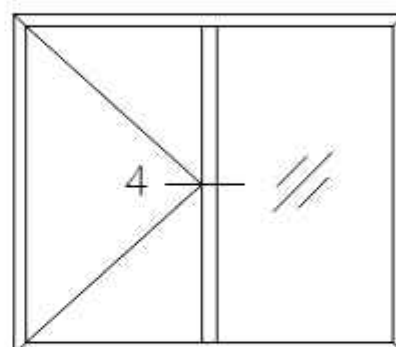
HIDDEN VENT



3

HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge

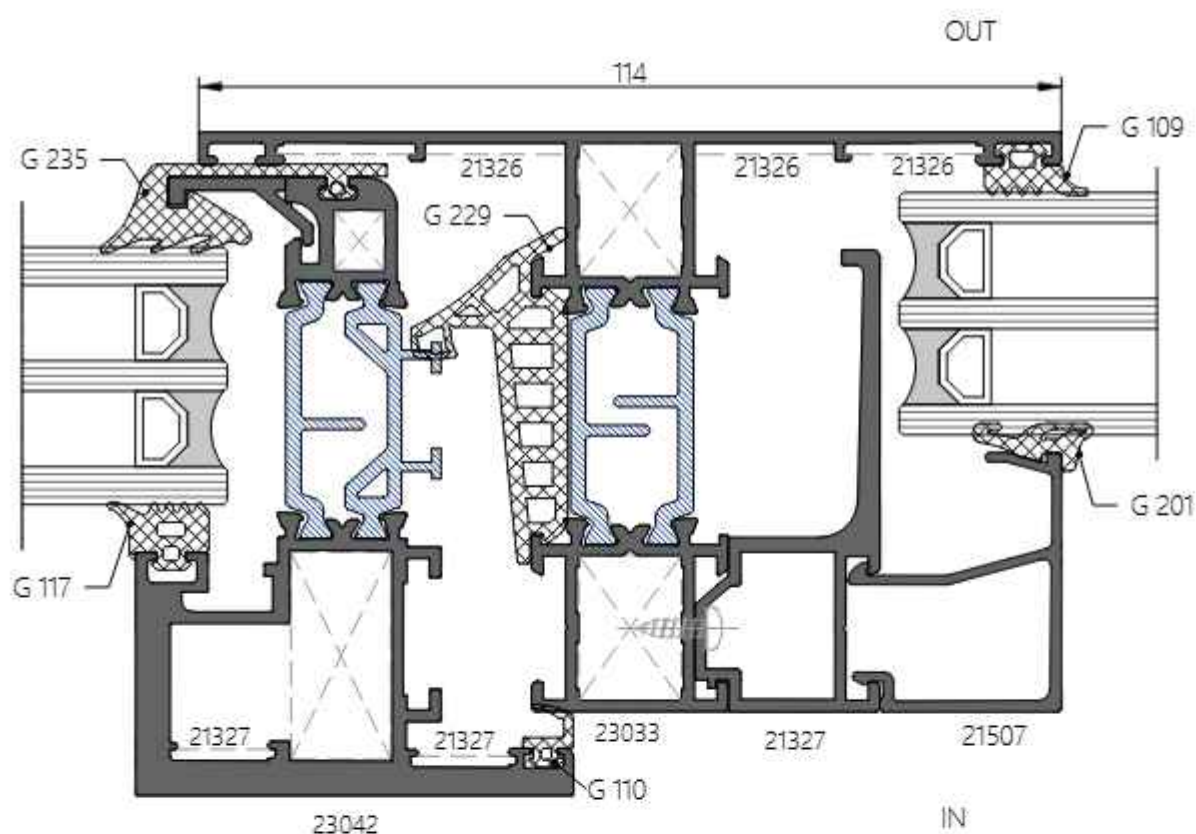
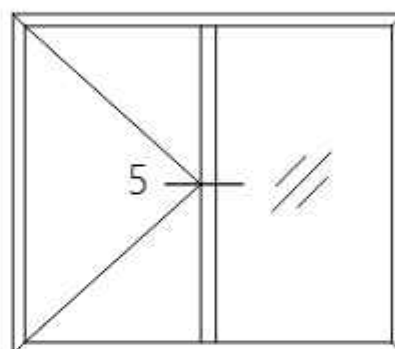
HIDDEN VENT



4

HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge

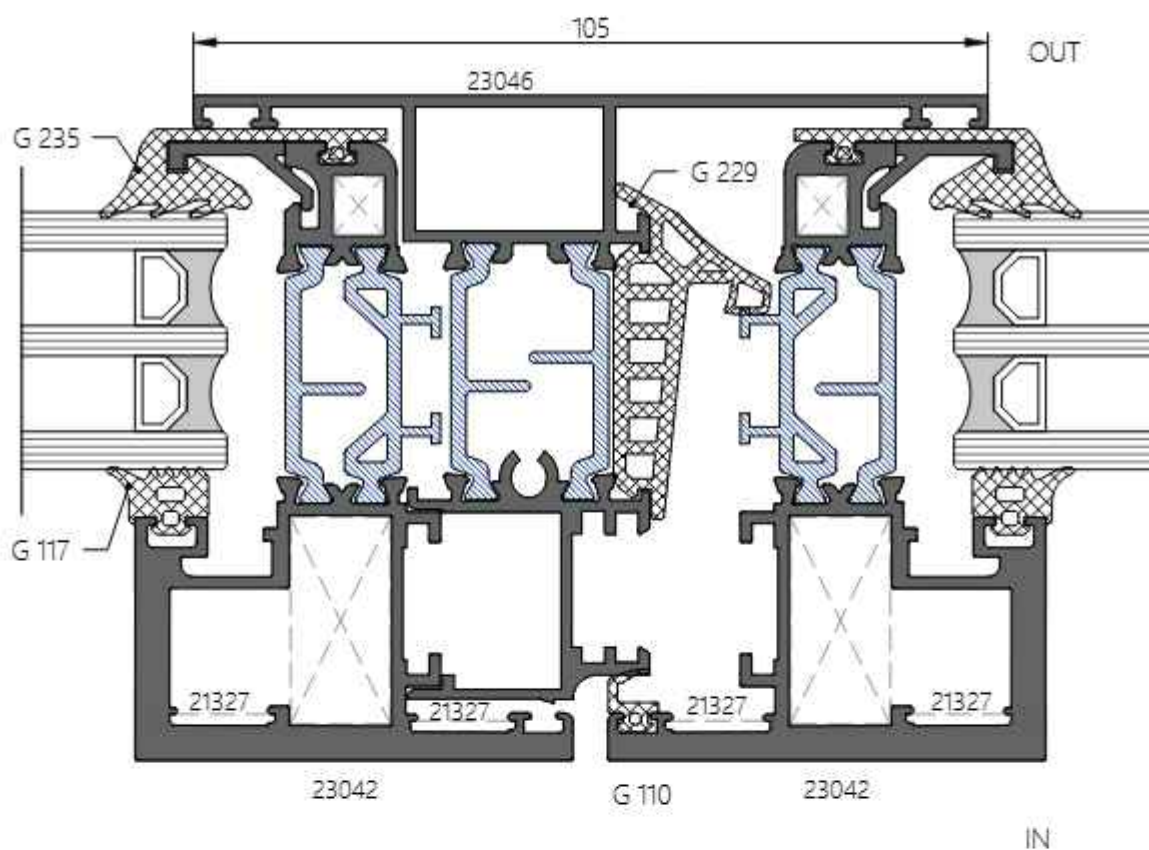
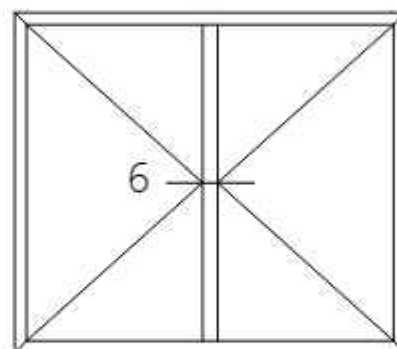
HIDDEN VENT



5

HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge

HIDDEN VENT

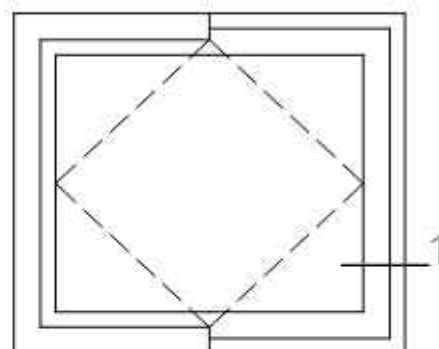


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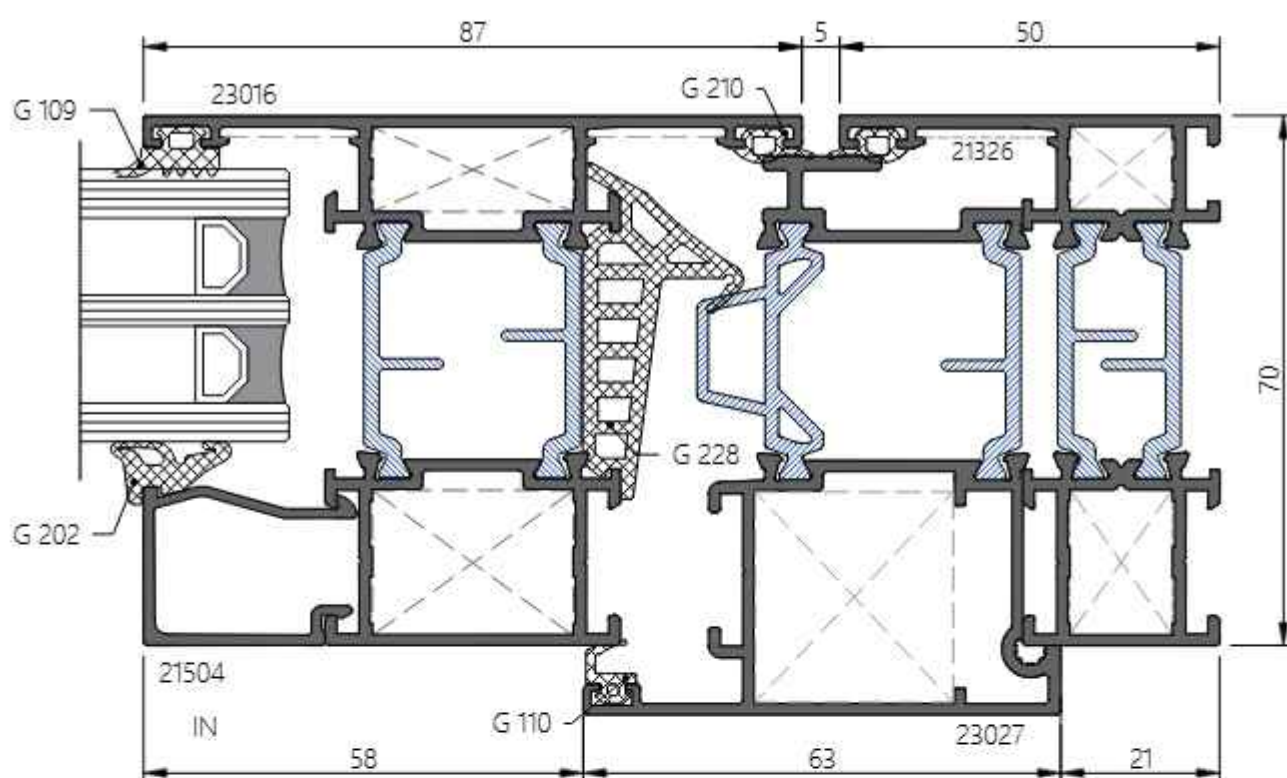
HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge

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P VOTE



OUT

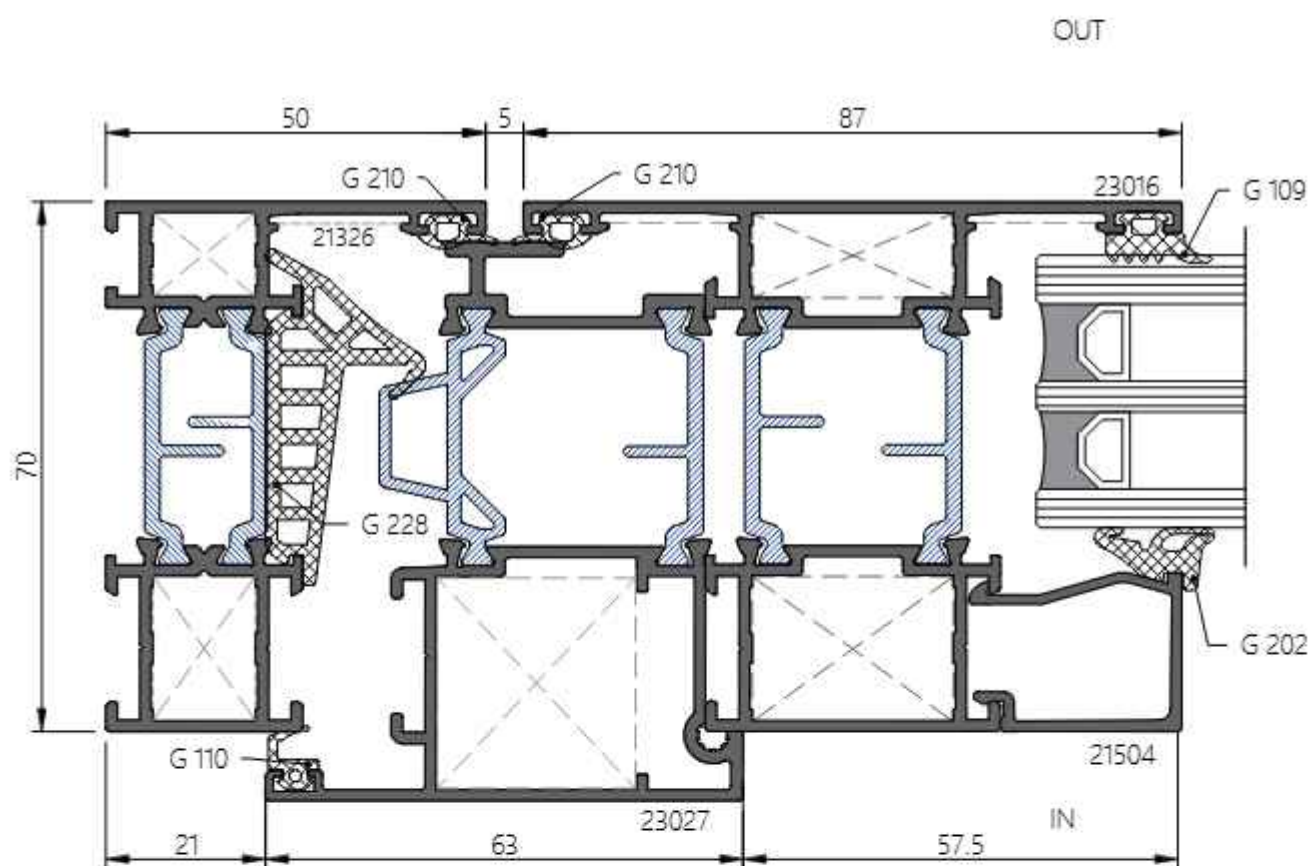
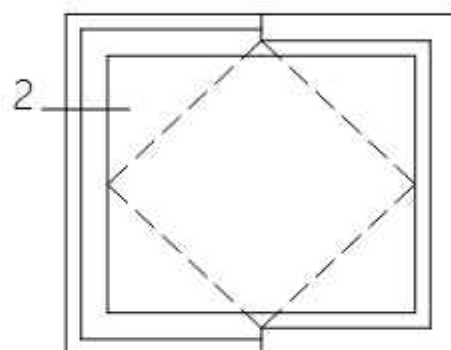


1

HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge

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P VOTE



2

HATCH GUIDE : ● Aluminium

● PolyAmid

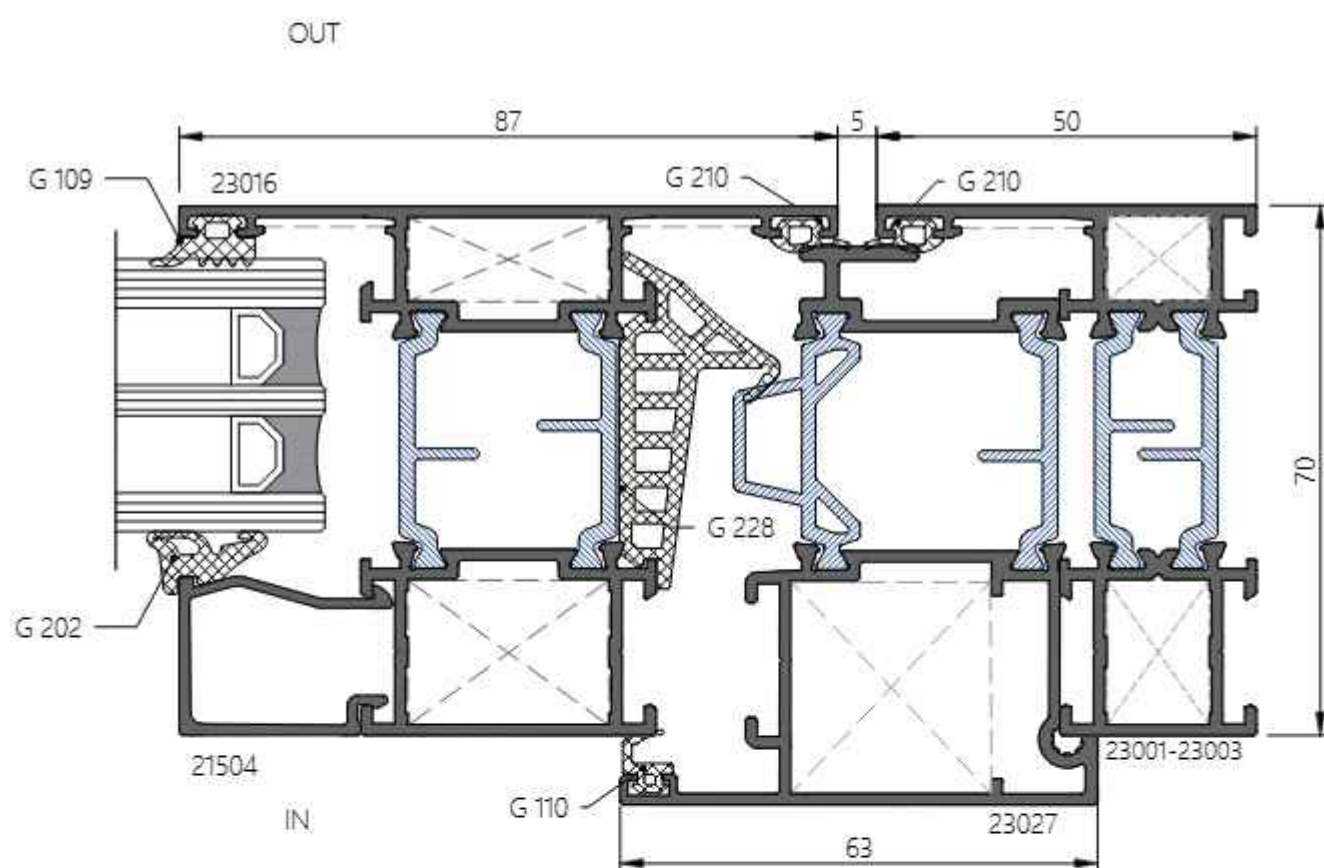
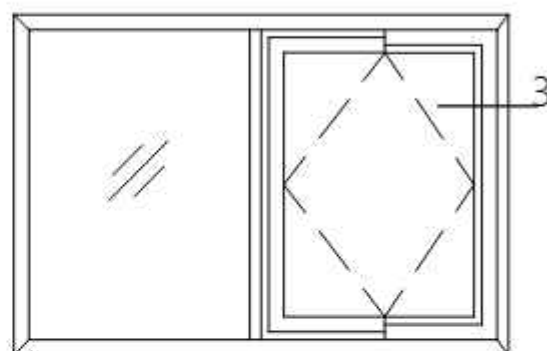
● PVC

● EPDM

● Sponge

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P VOTE

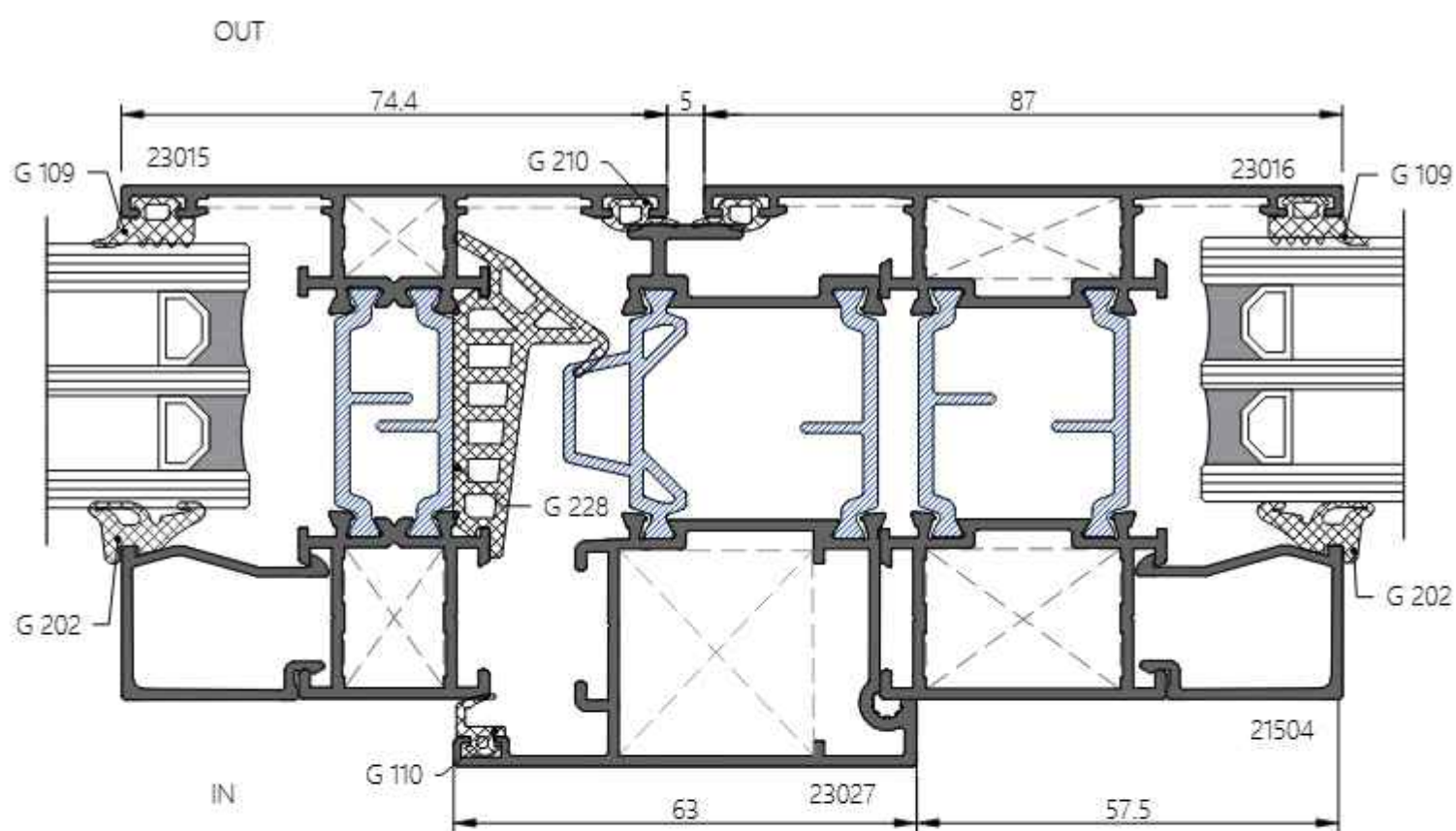
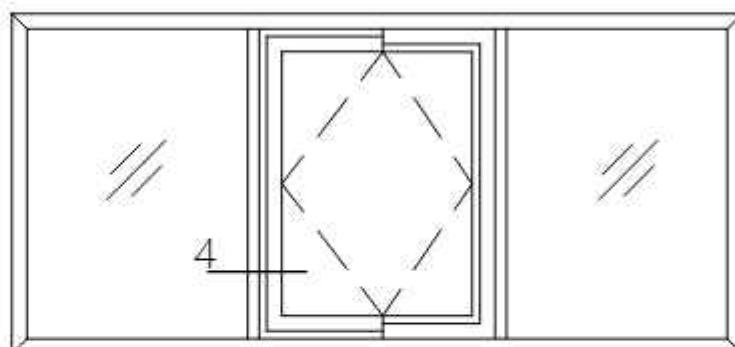


3

HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge

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P VOTE

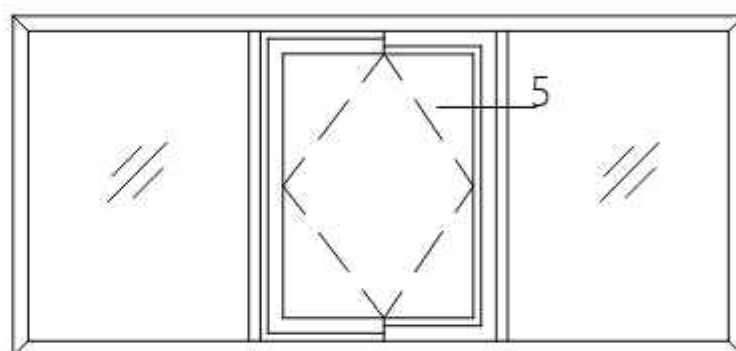


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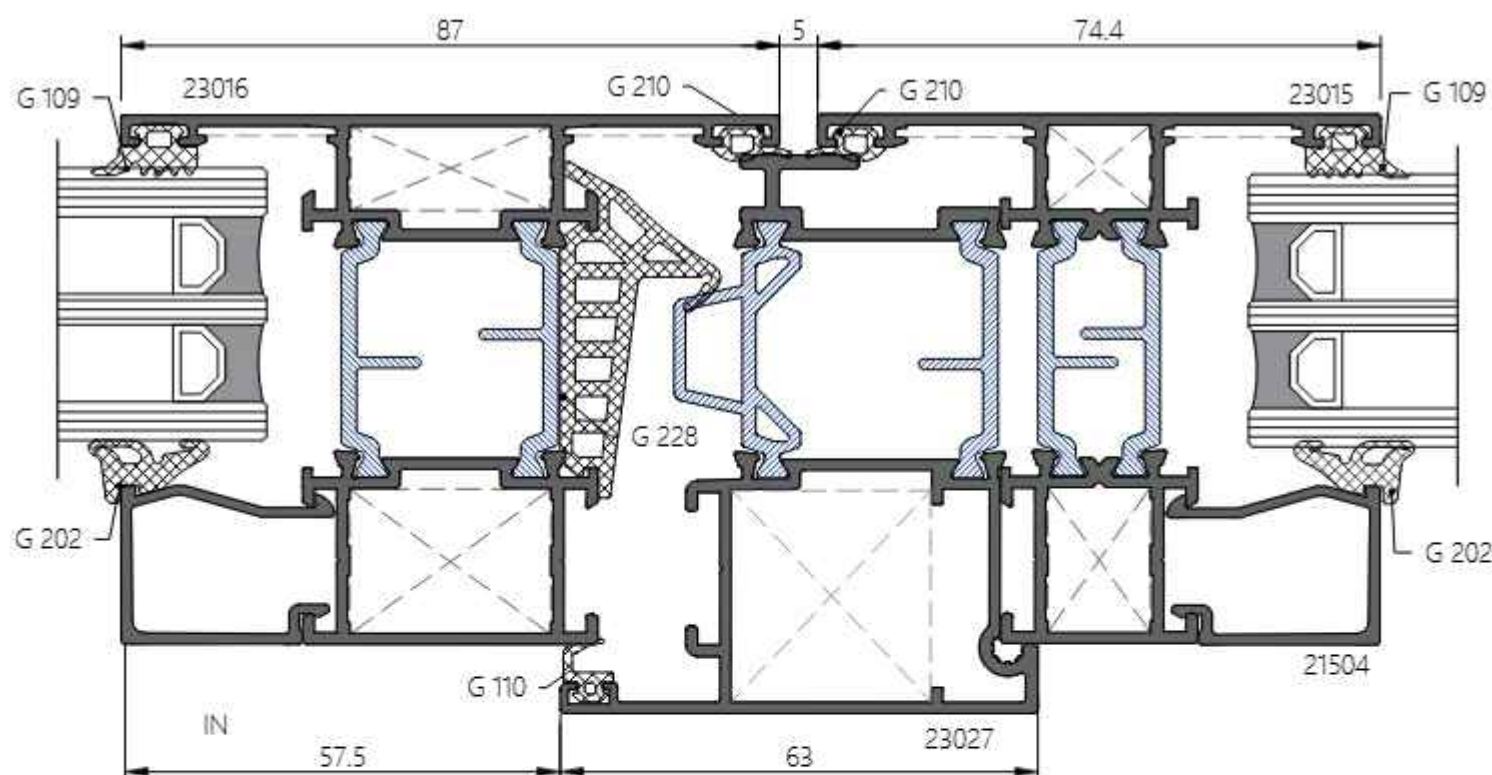
HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge

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P VOTE



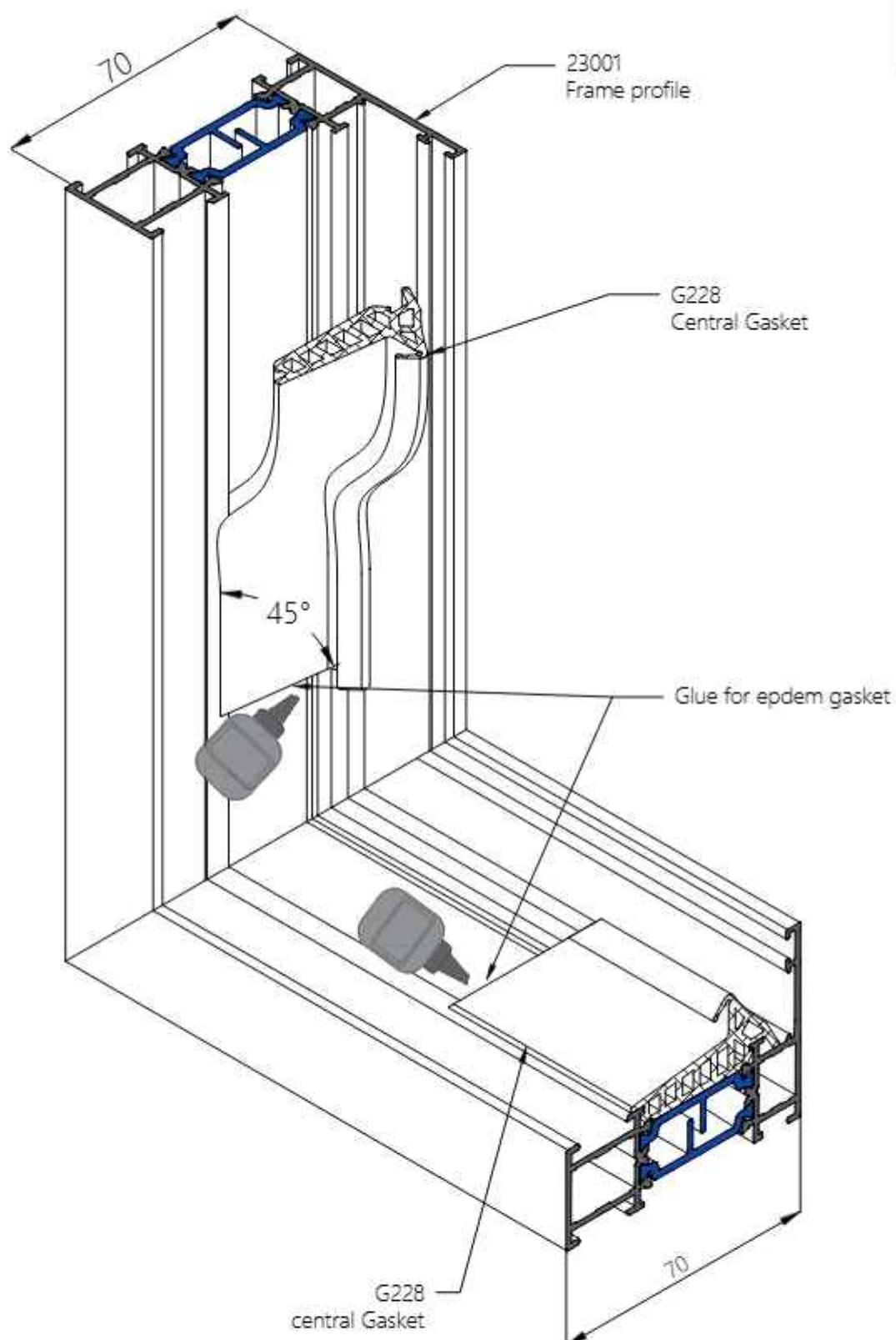
OUT



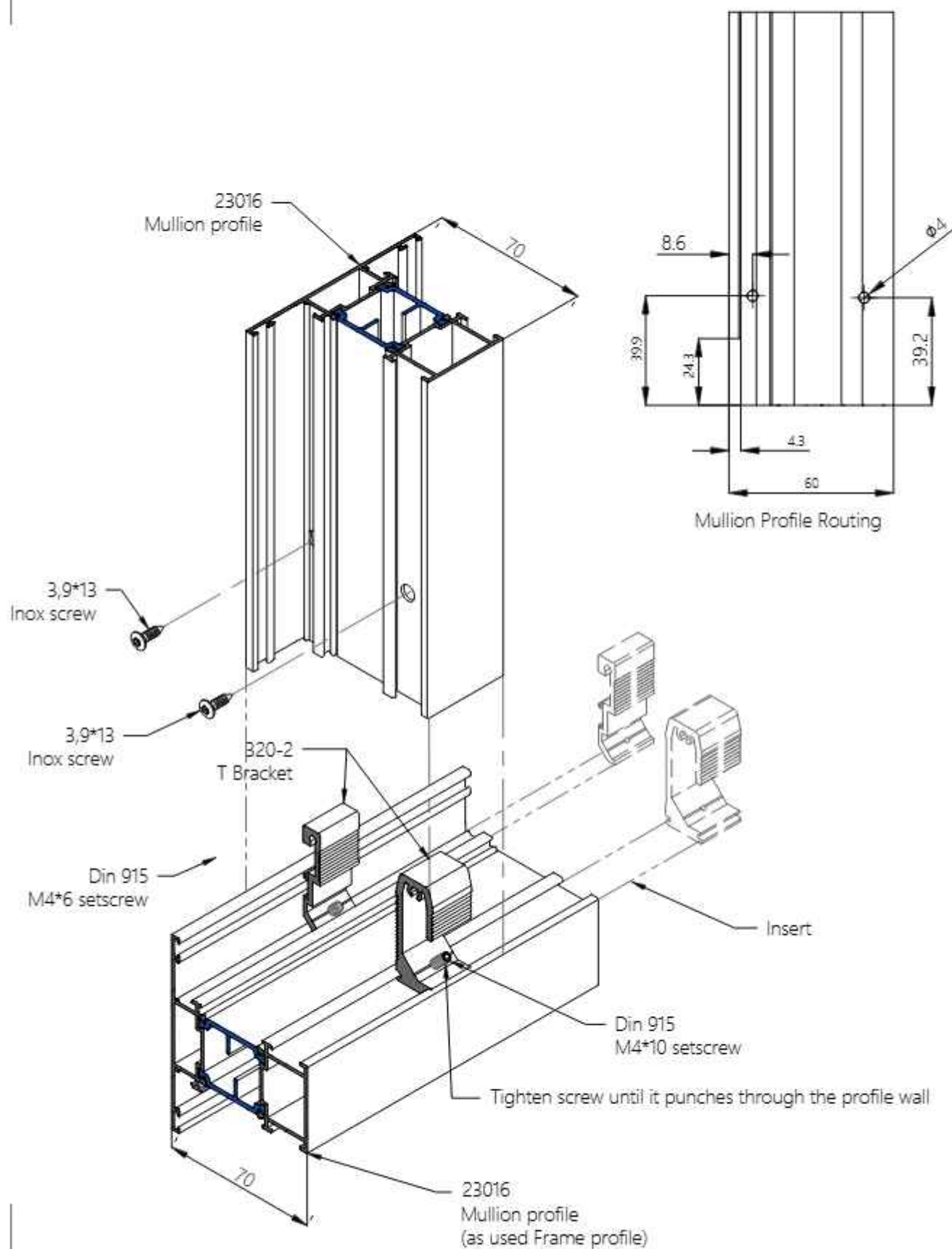
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HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge

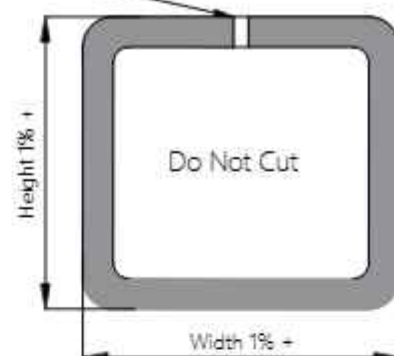
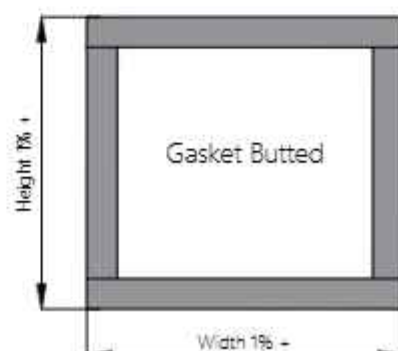
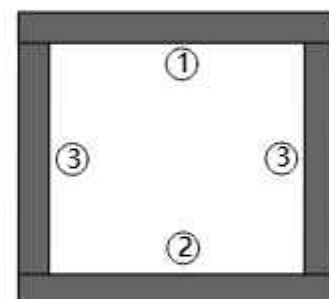
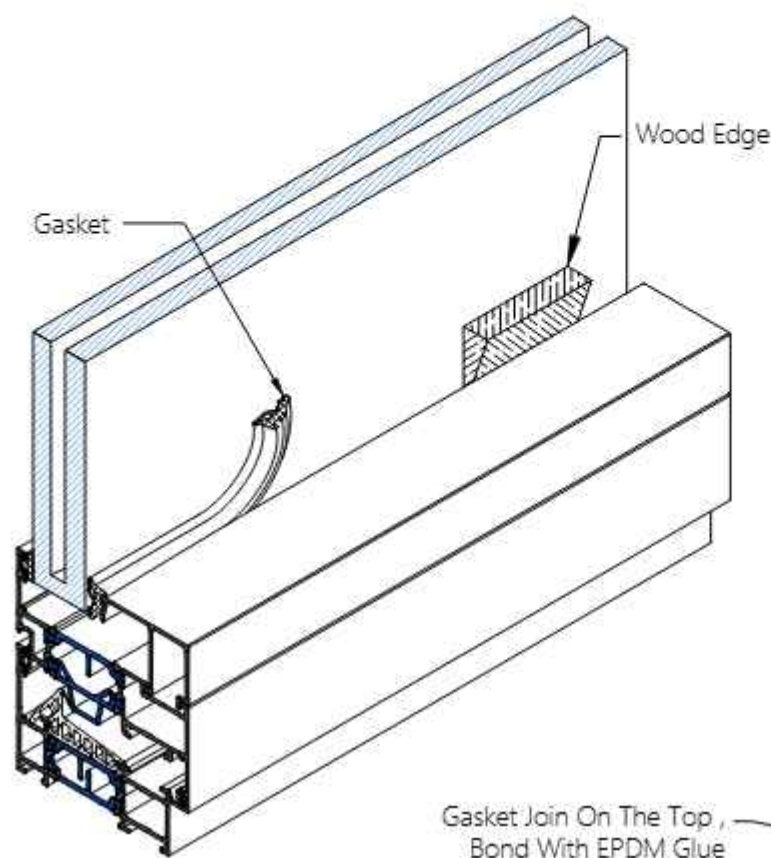
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1. Correct cutting with shears
2. Necessary overhanging : $\pm 10\text{mm/m}$
3. Applying central gasket and compressing overhanging
4. Gluing miters by means of glue for corner connections



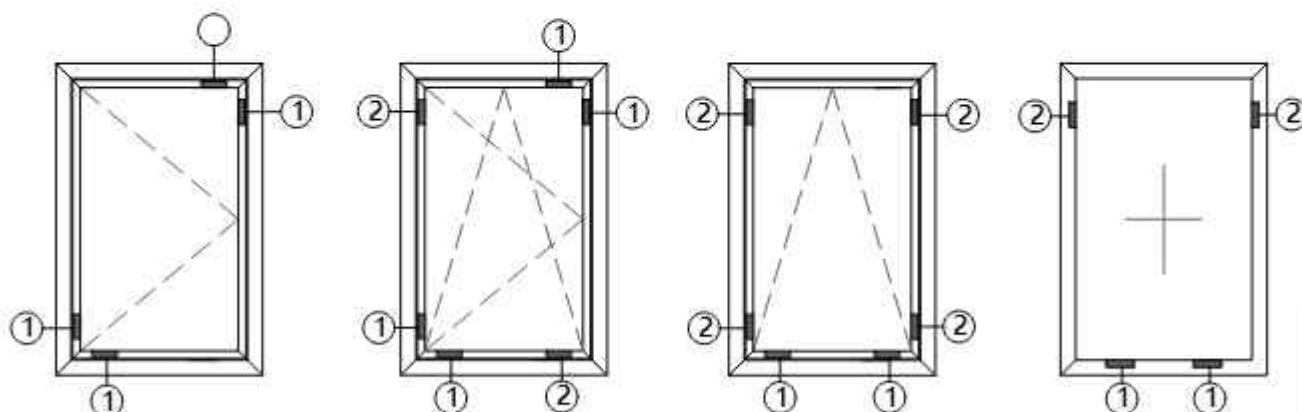
Glazing Bead Assembly Sequence

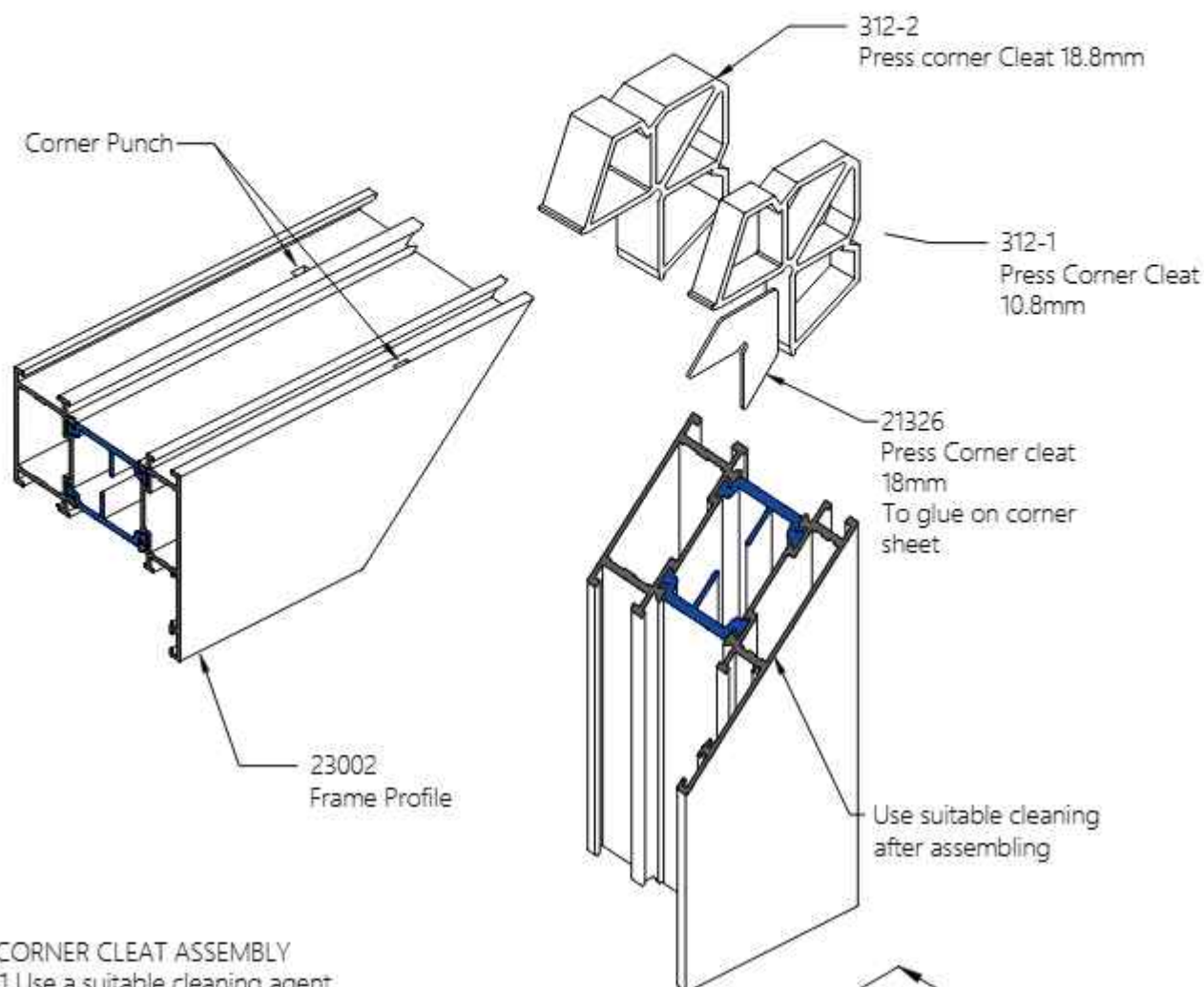


The Pane Must Be Shimmed In The Sash So That The Sash Operates Without Adjustment Of The Hardware.

SHIMMING INSTRUCTIONS

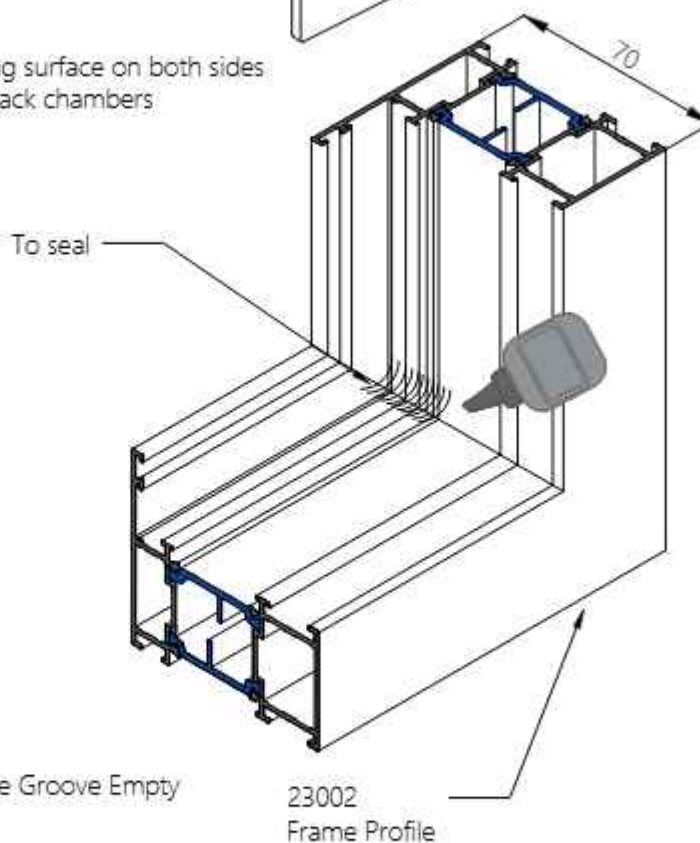
○ Supporting Shim ○ Distance shim



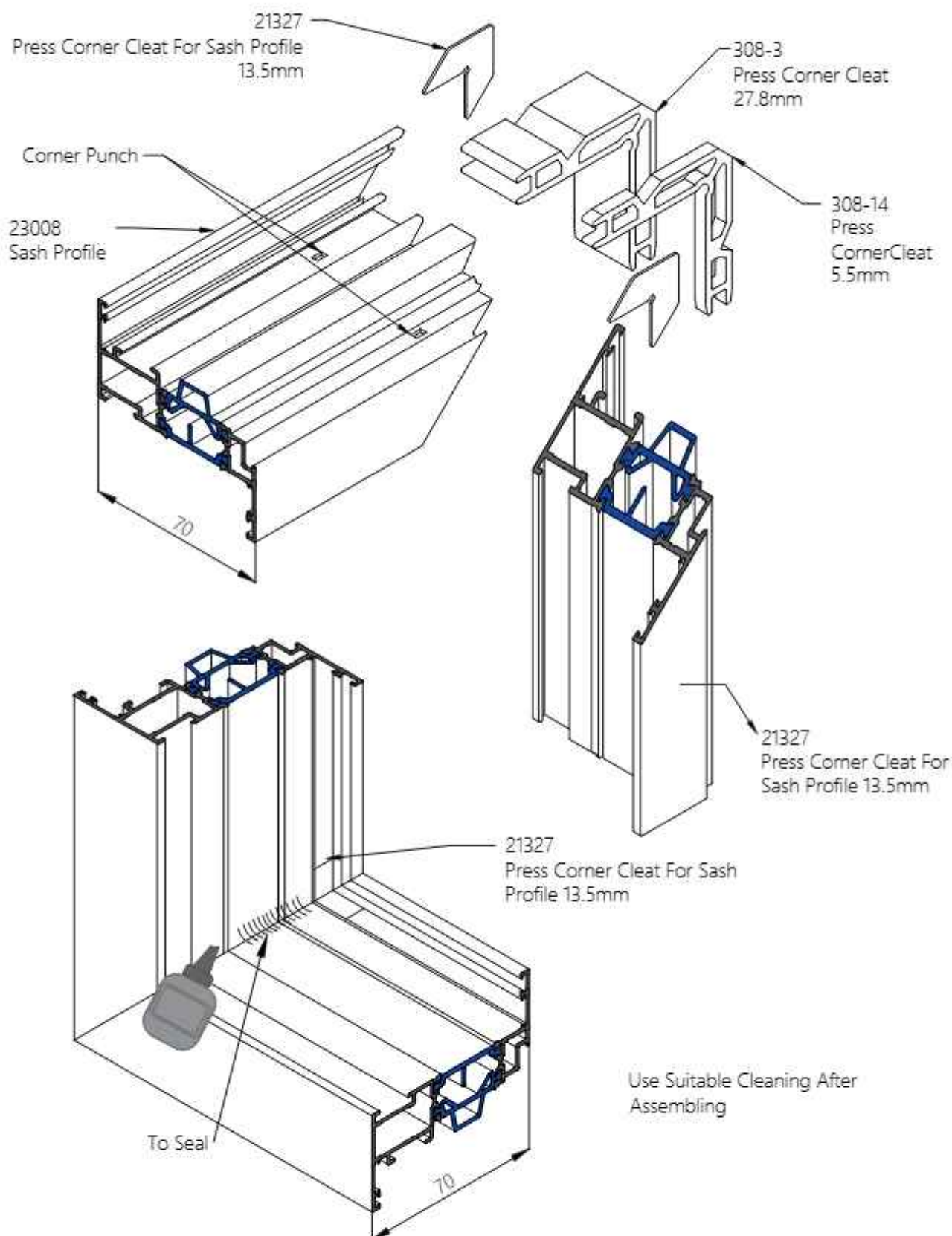


CORNER CLEAT ASSEMBLY

- 1 Use a suitable cleaning agent
- 2 Apply joint paste or glue, on cutting surface on both sides
- 3 Inject adhesive into the front and back chambers

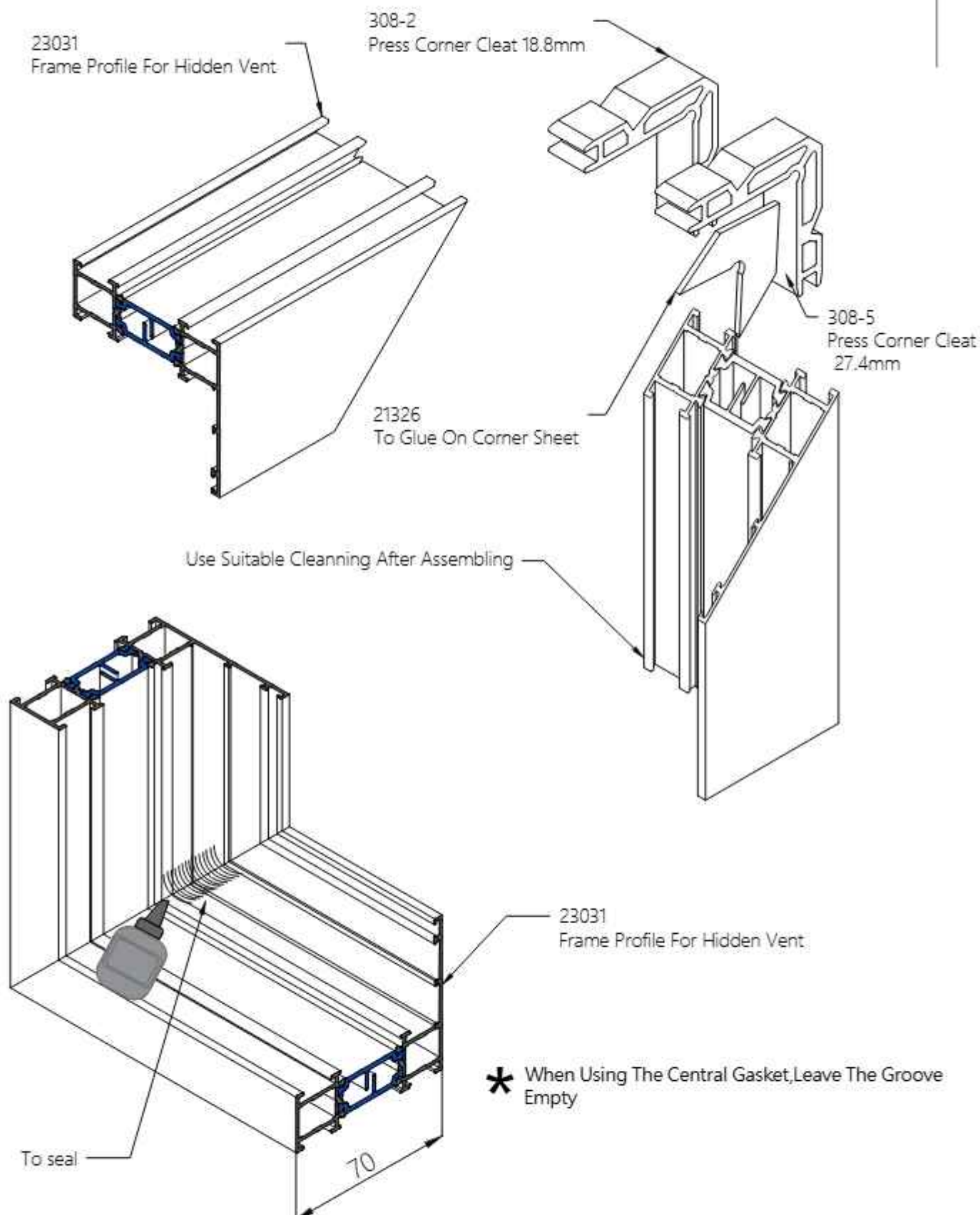


When Using Sentra Gasket, Leave The Groove Empty



CORNER CLEAT ASSEMBLY

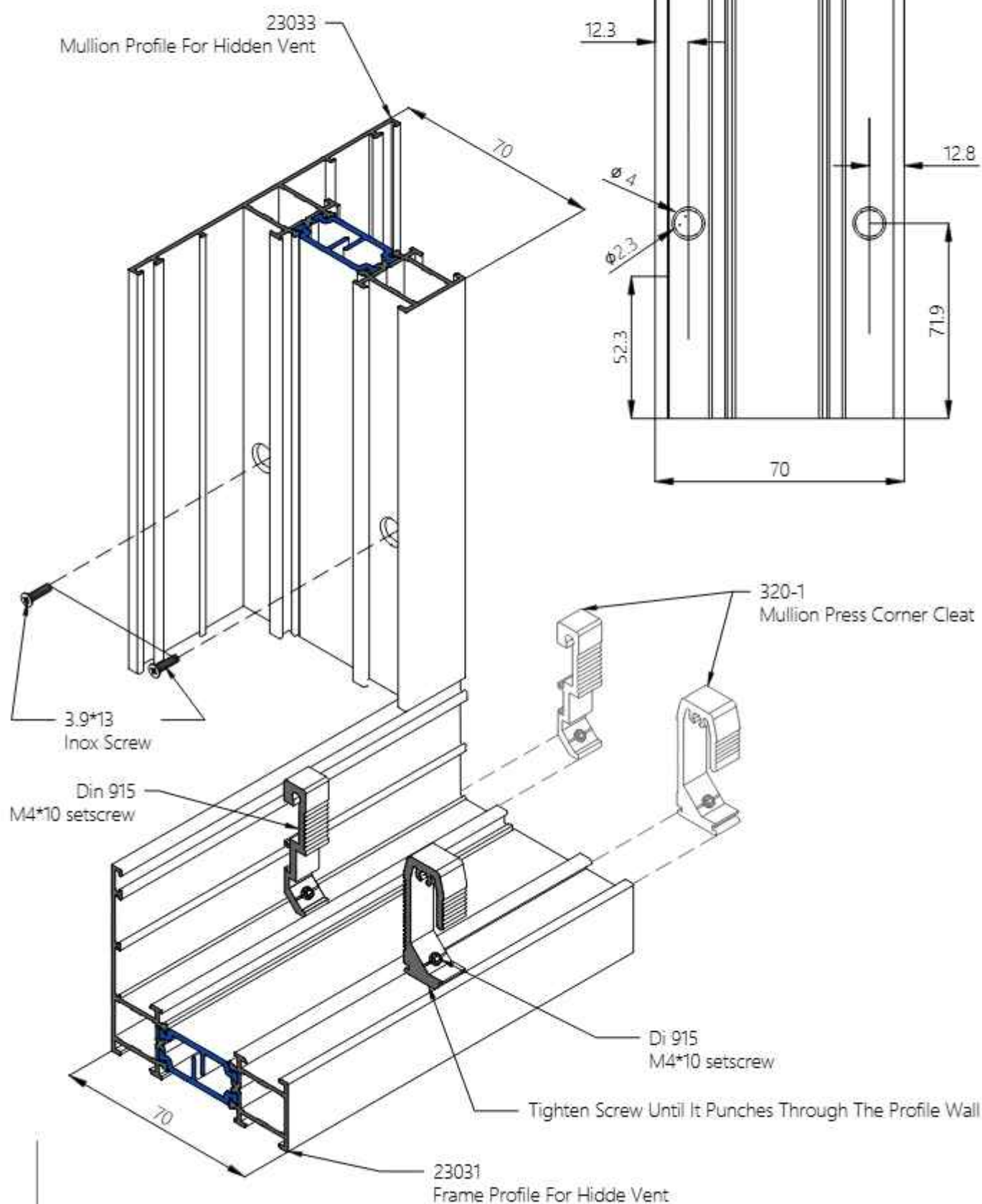
- 1 Use a suitable cleaning agent
- 2 Apply joint paste or glue, on cutting surface on both sides
- 3 Inject adhesive into the front and back chambers

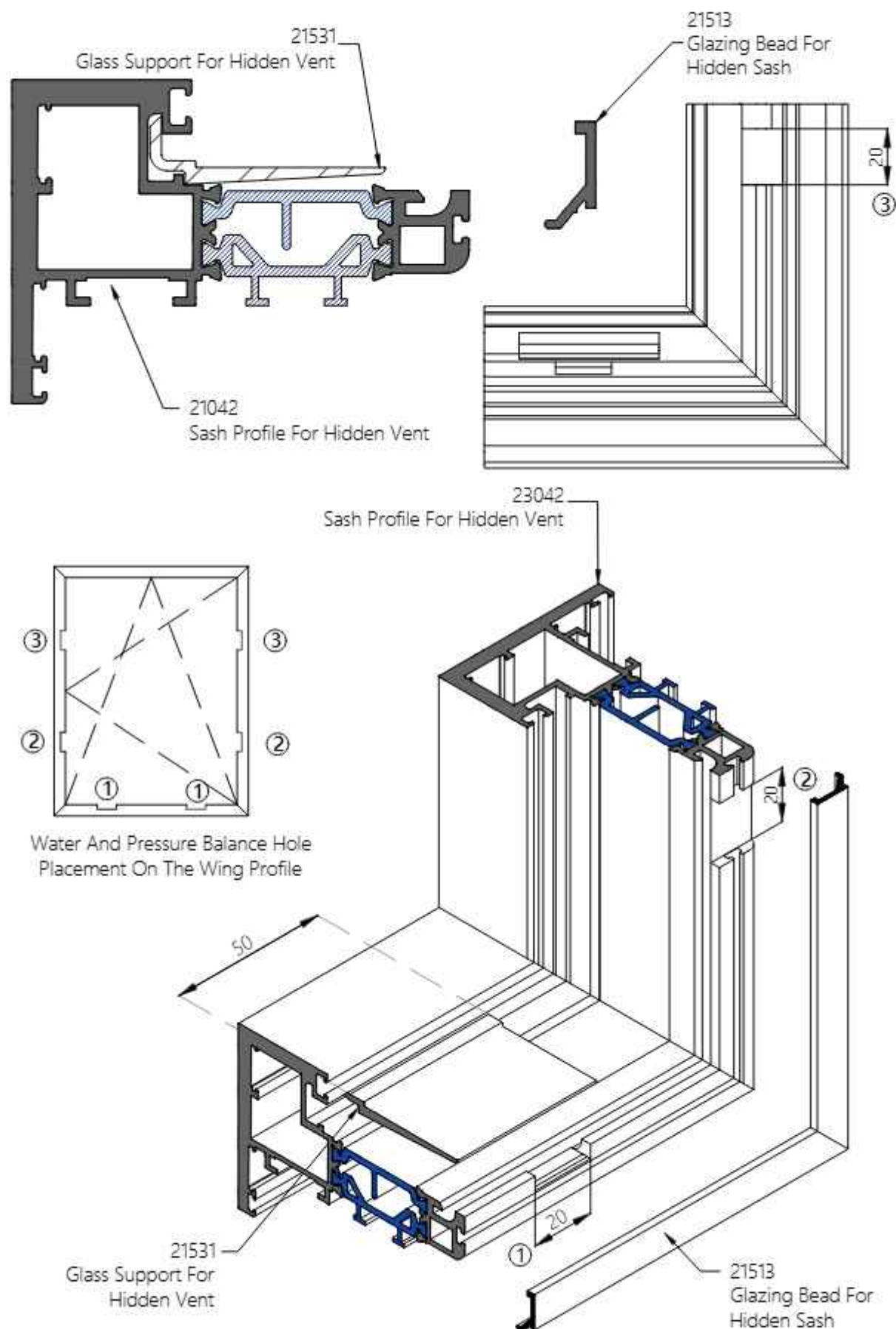


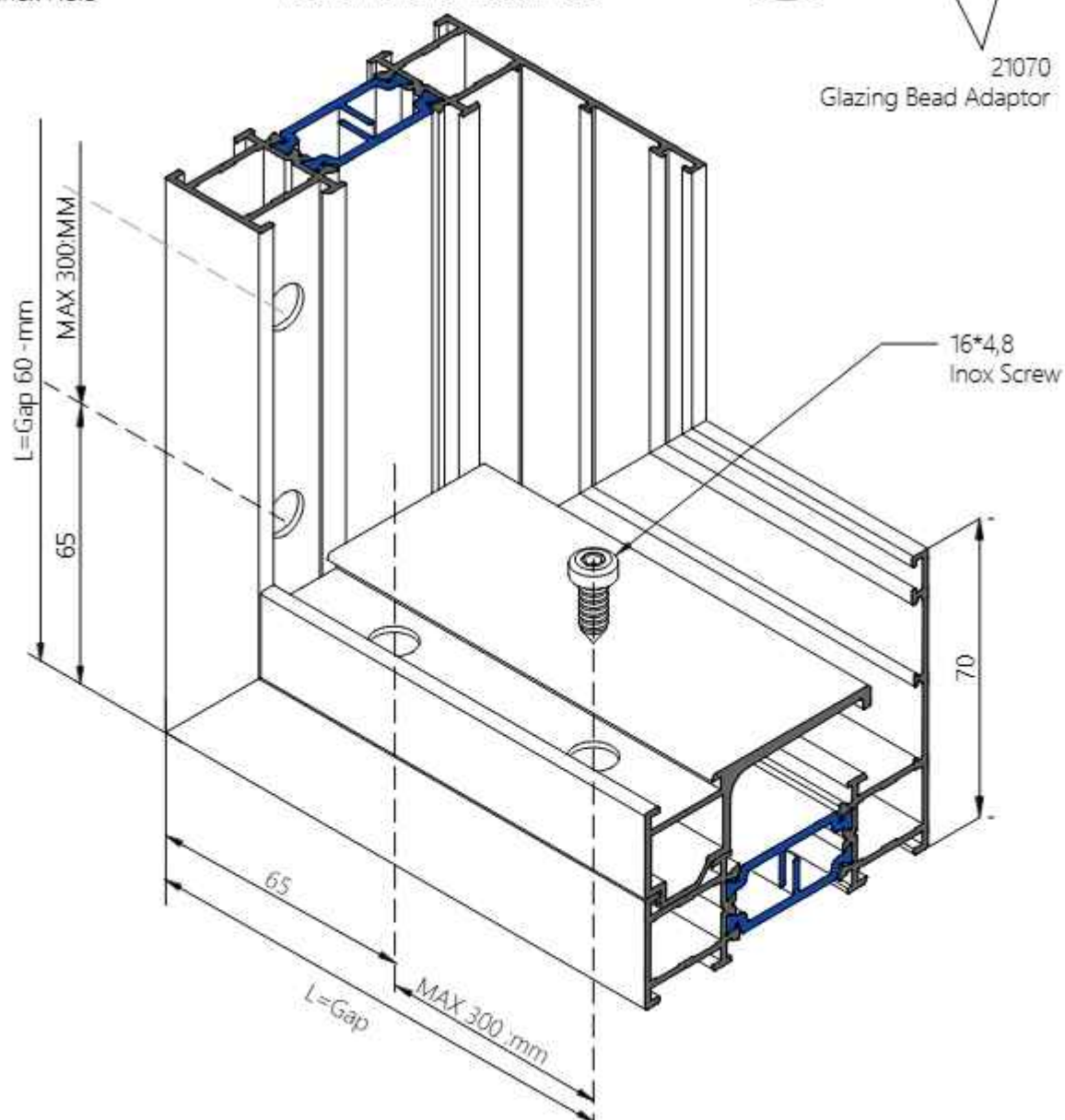
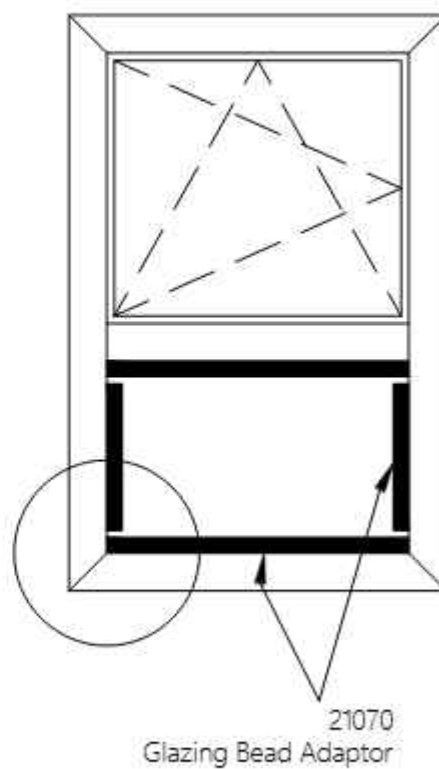
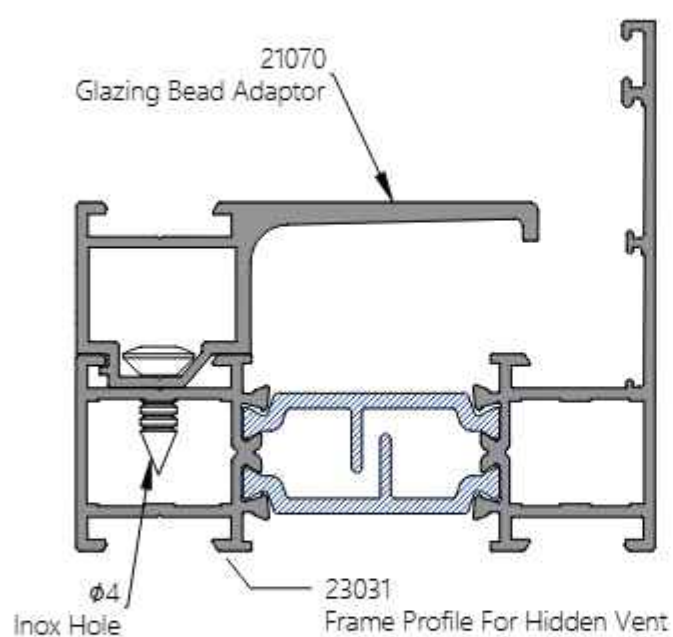
CORNER CLEAT ASSEMBLY

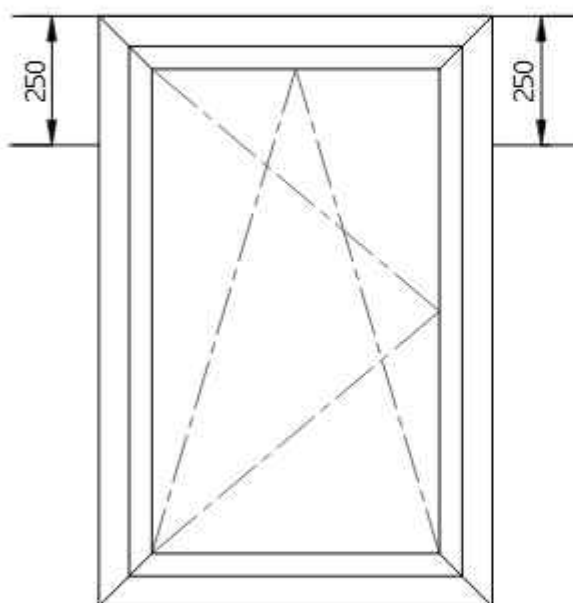
- 1 Use a suitable cleaning agent
- 2 Apply joint paste or glue , on cutting surface on both sides
- 3 Inject adhesive into the front and back chambers

Mullion Profile Routing

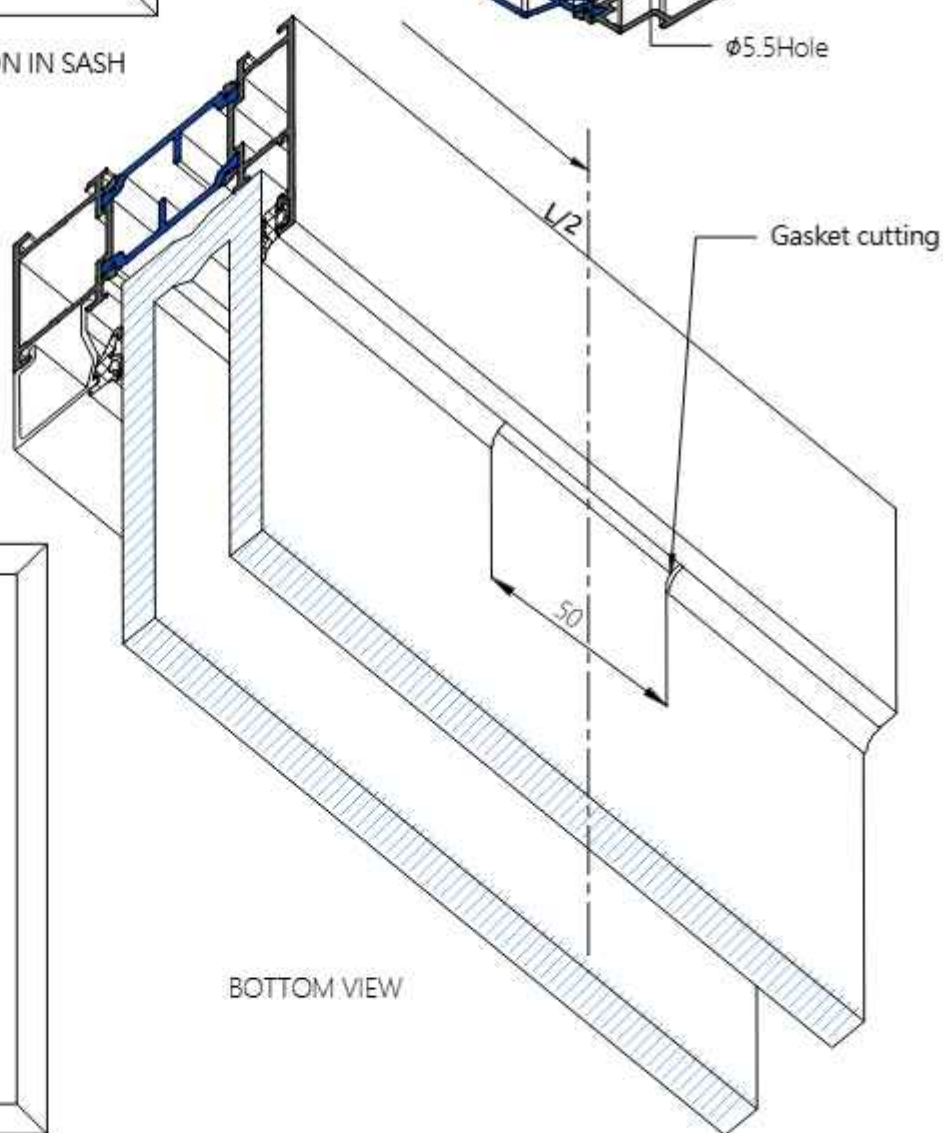
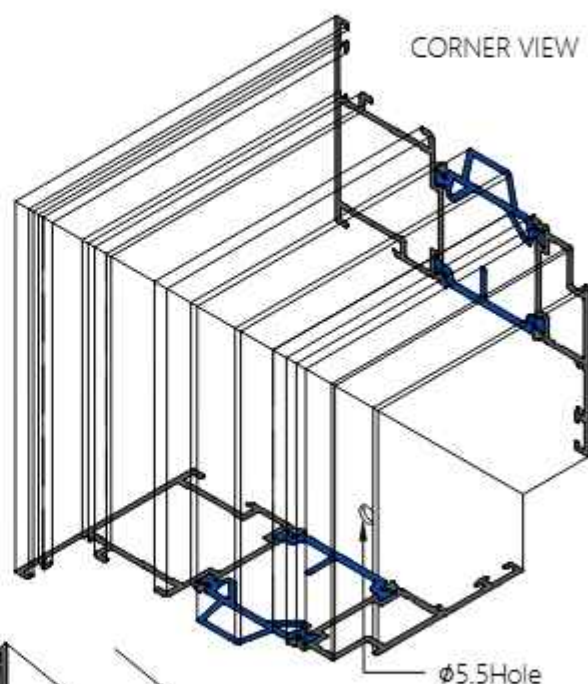




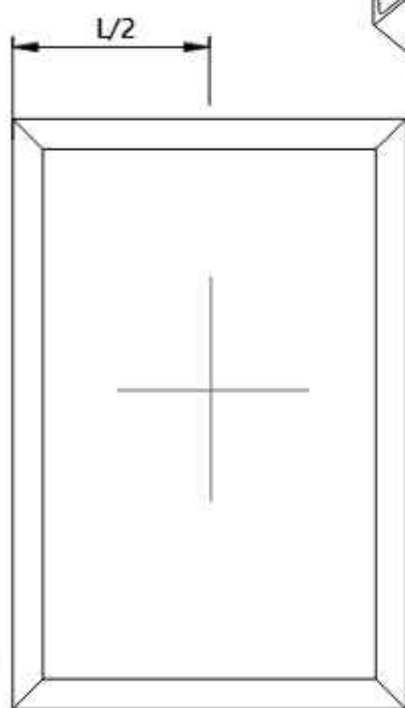




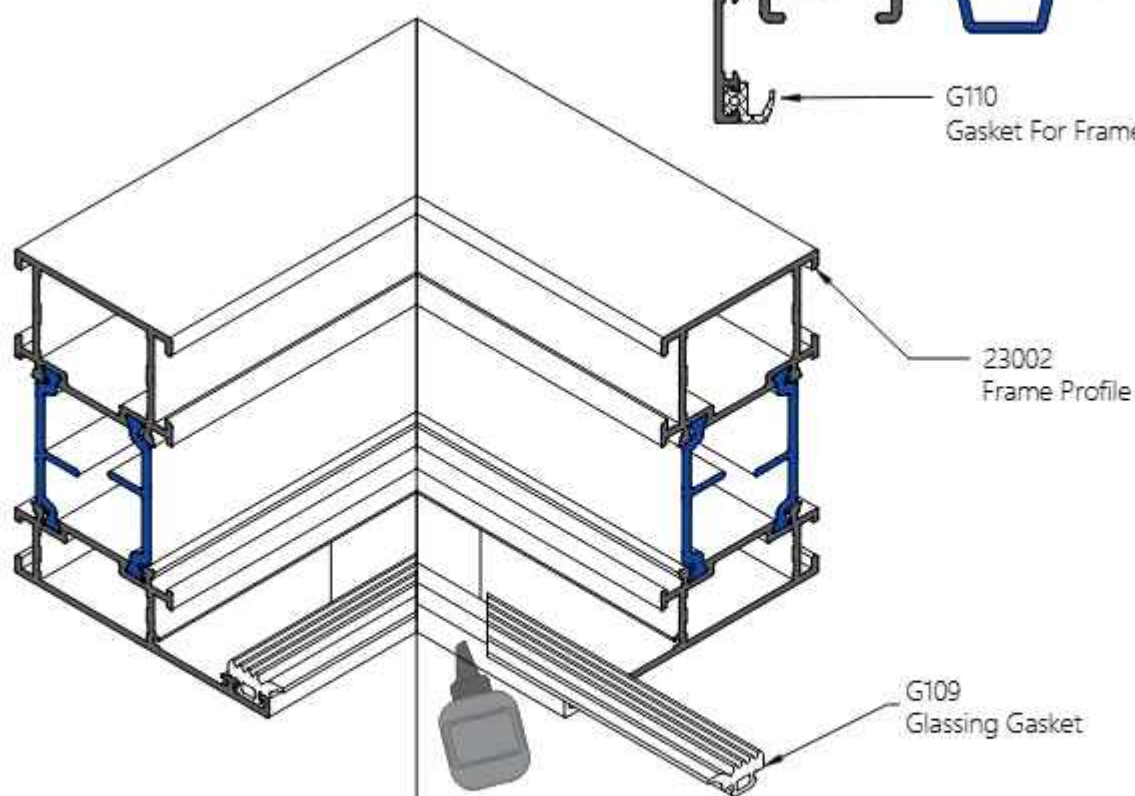
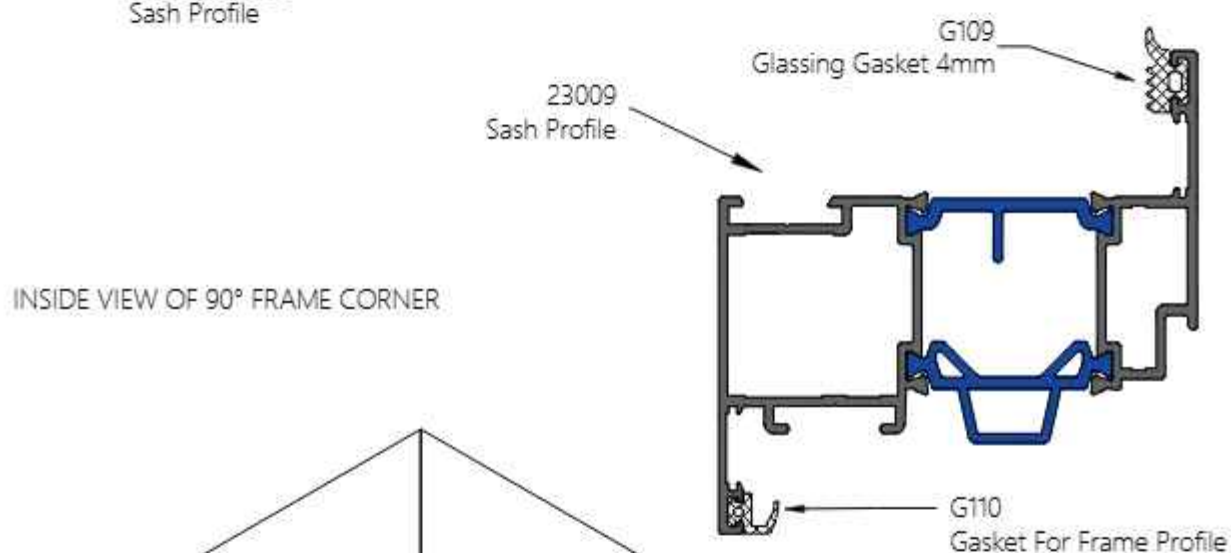
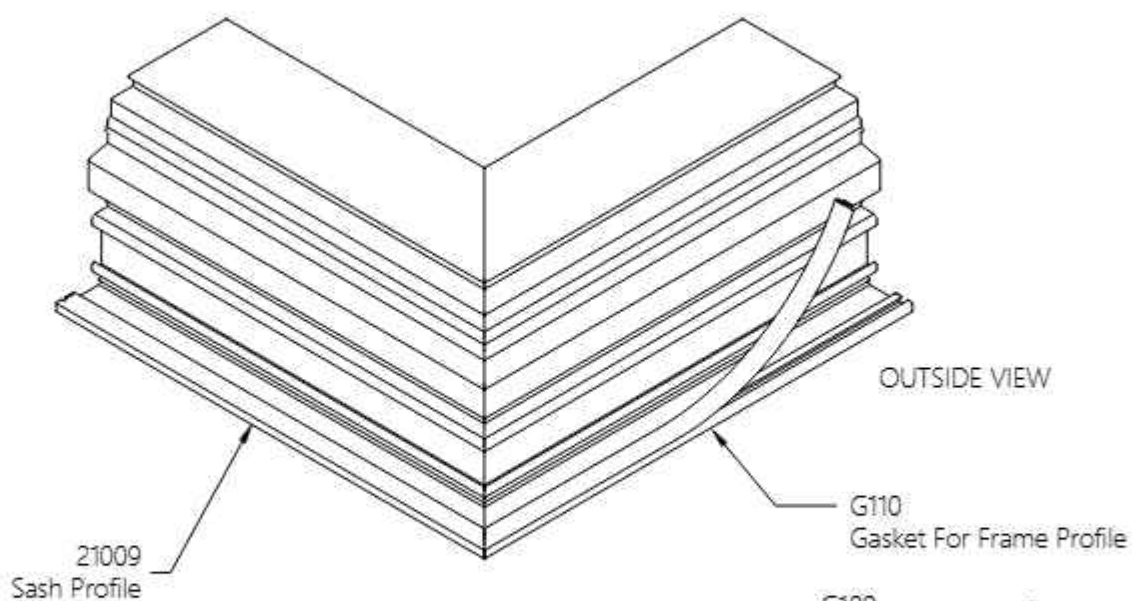
DECOMPRESSION IN SASH

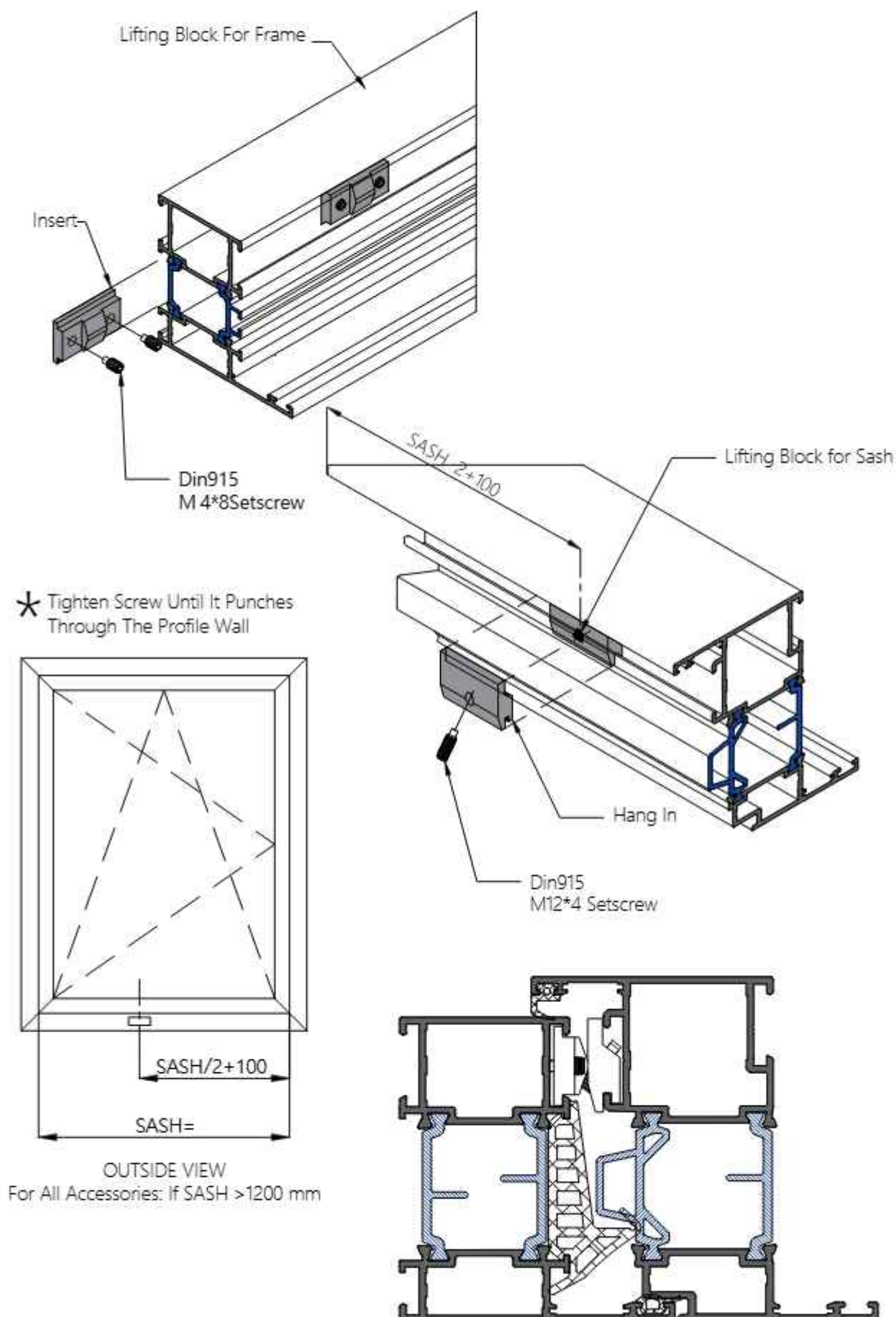


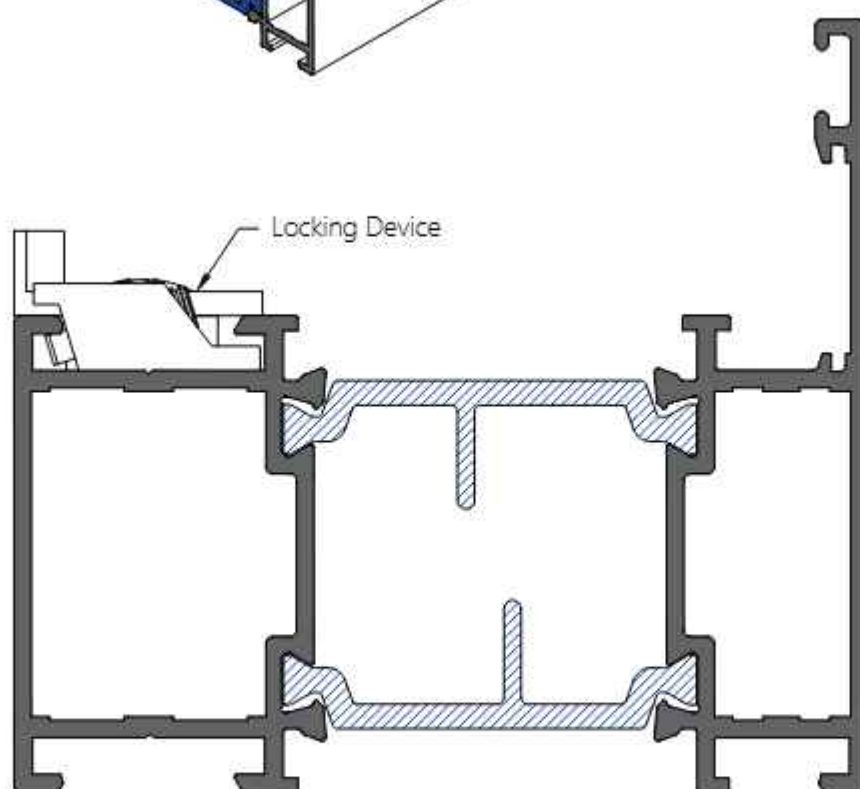
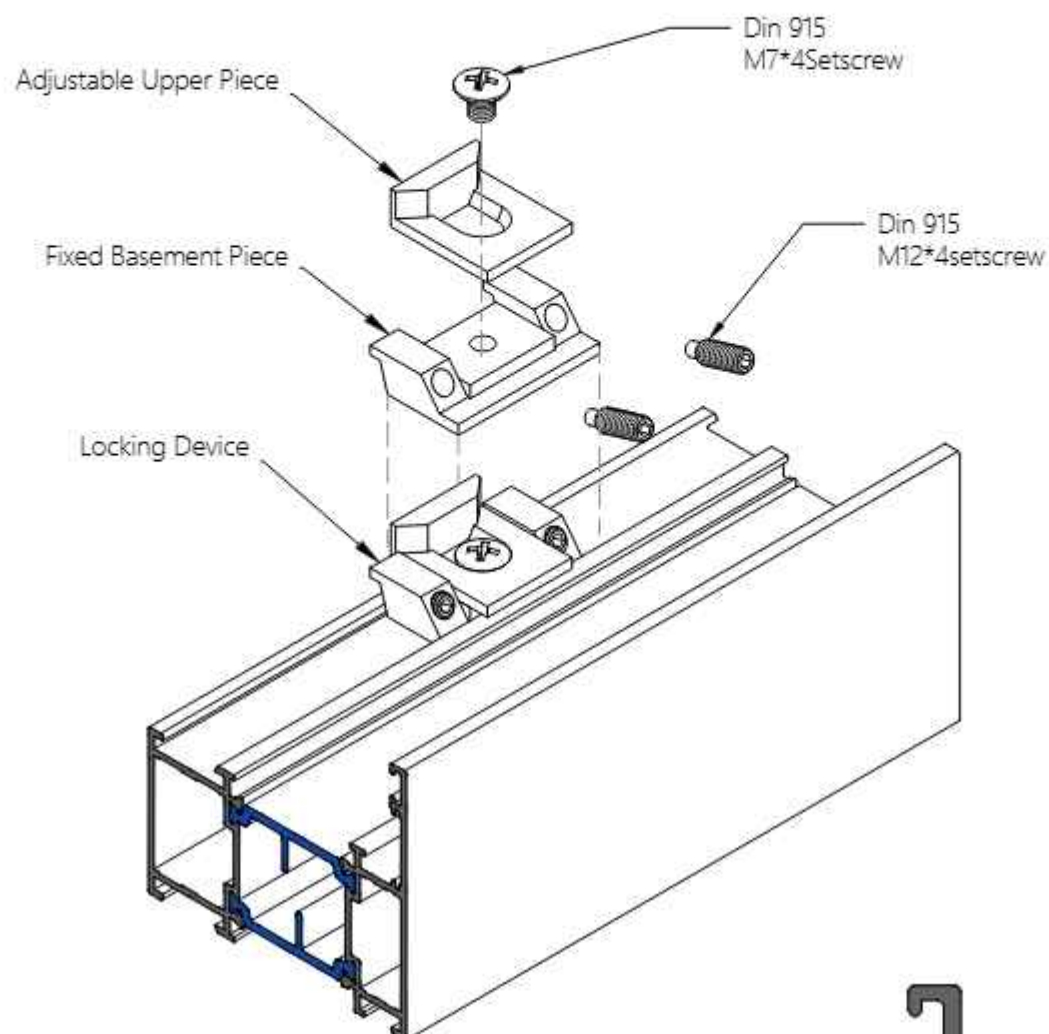
BOTTOM VIEW

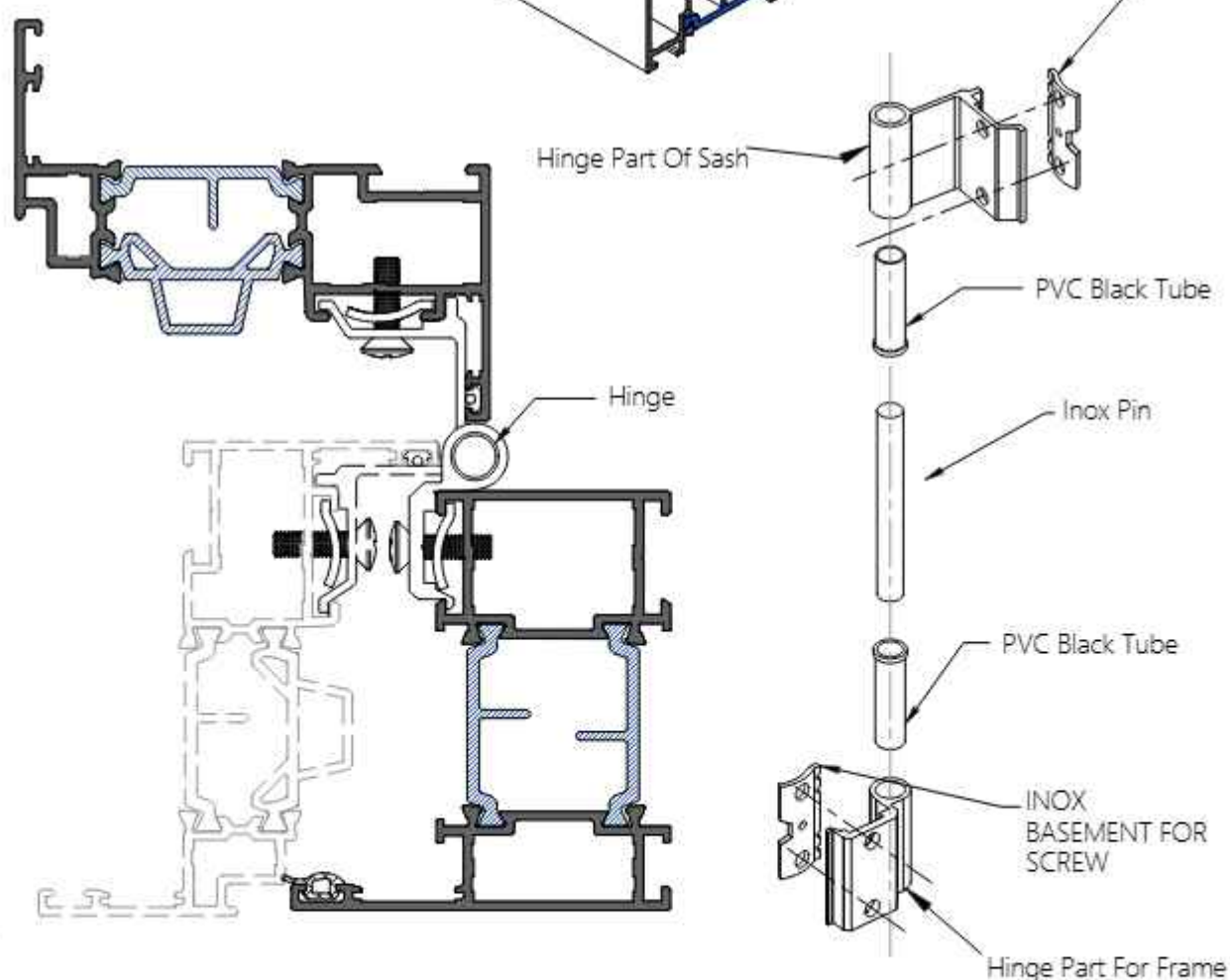
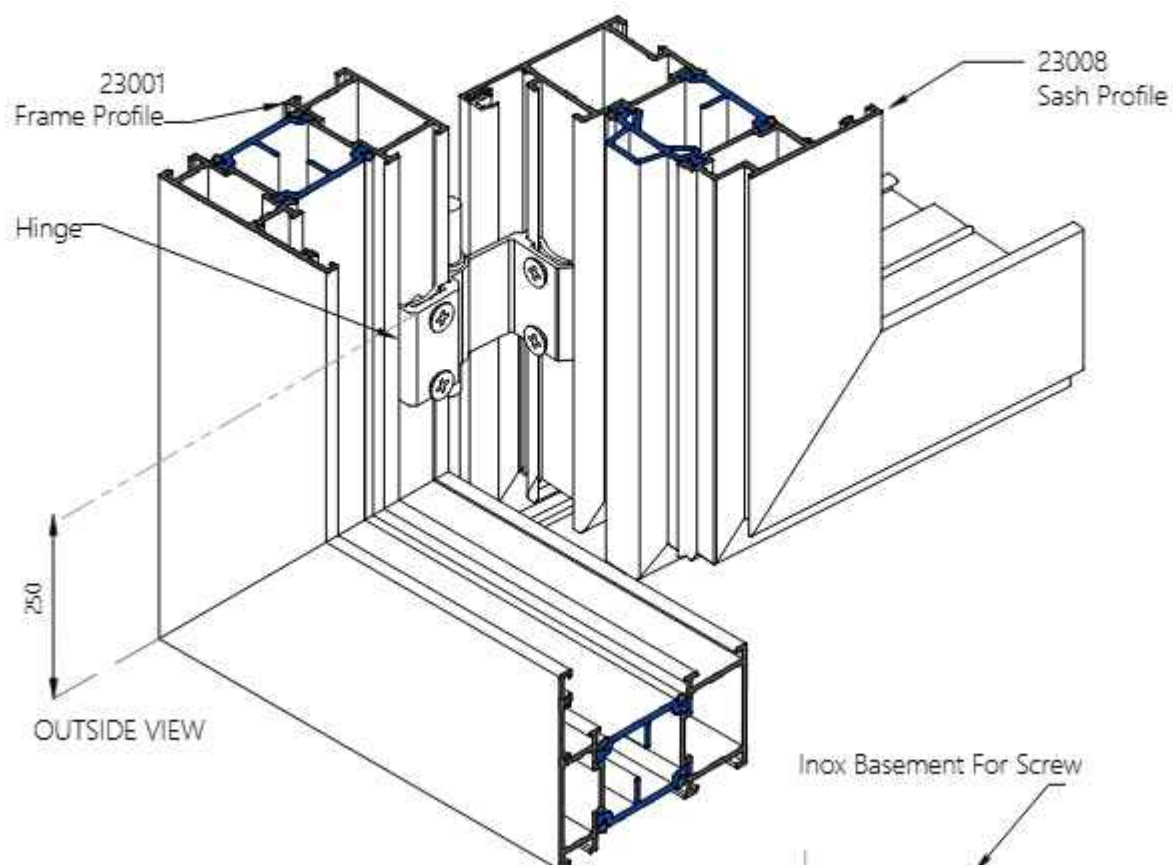


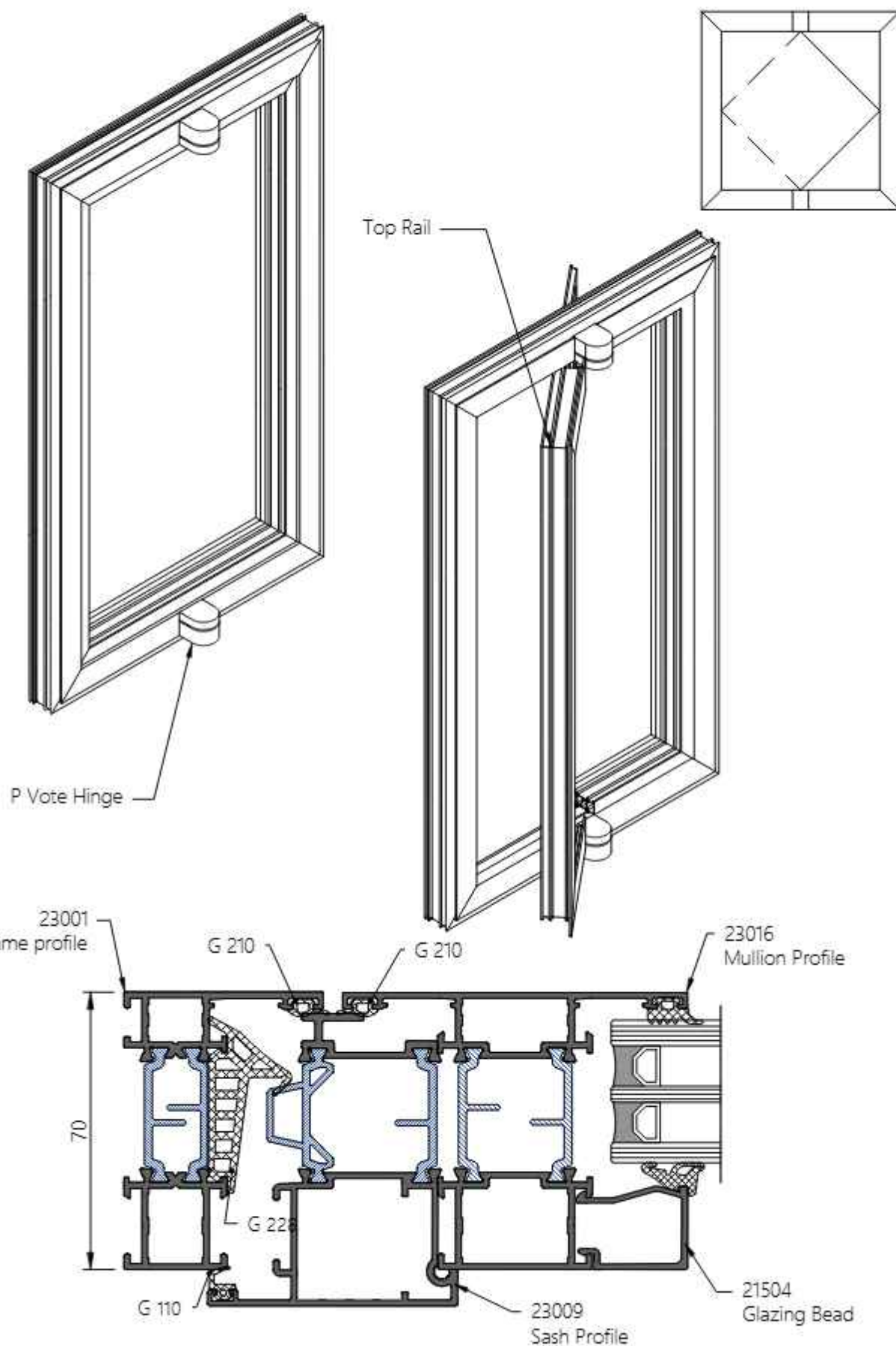
DECOMPRESSION IN FIXED WINDOW



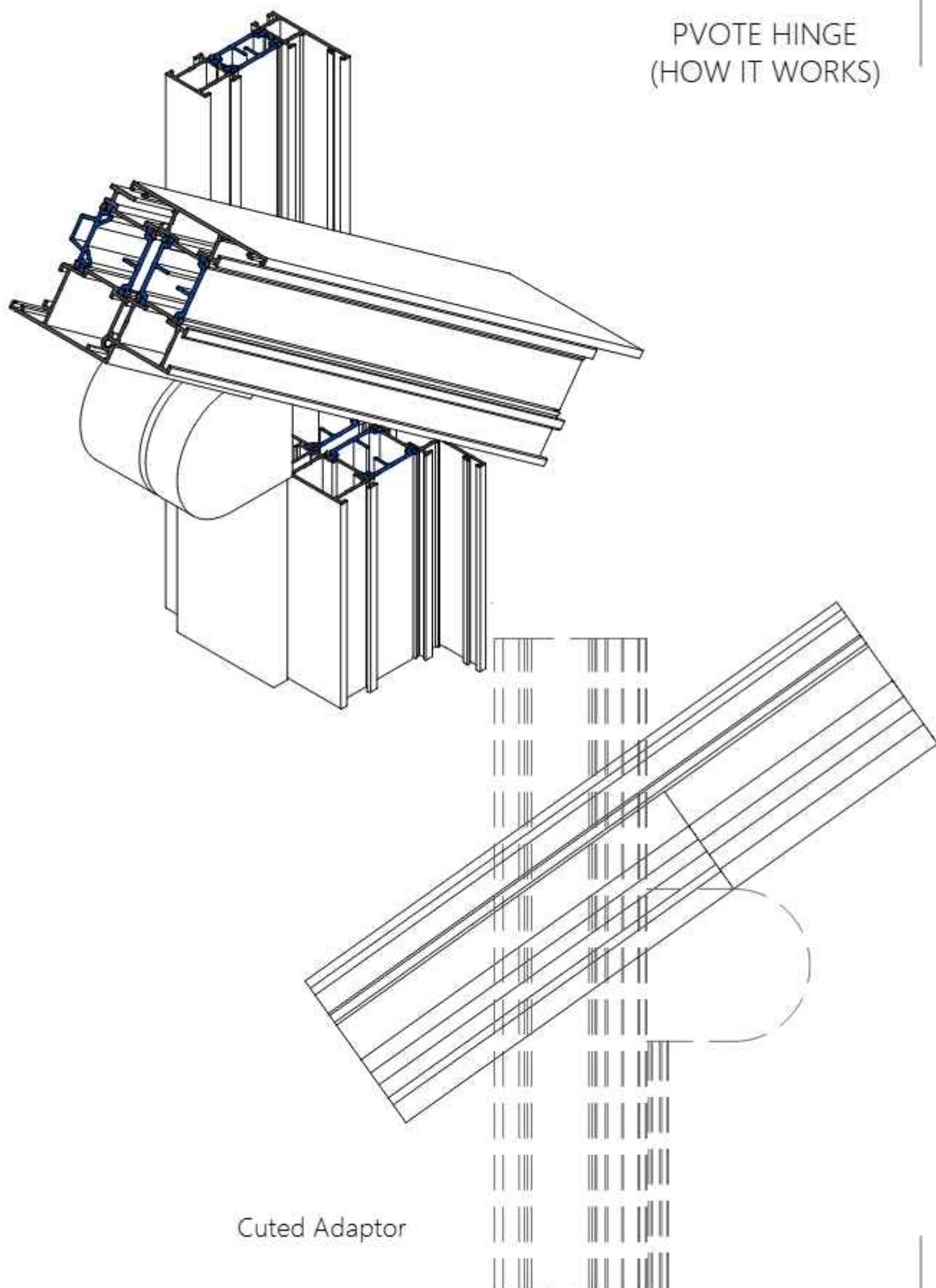


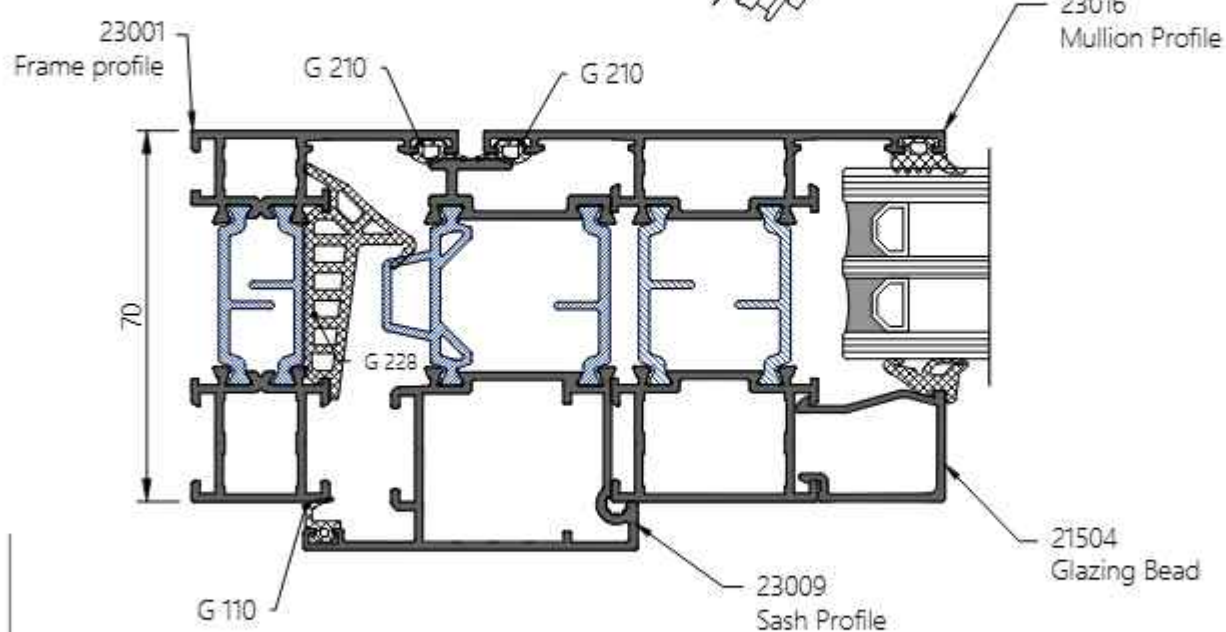
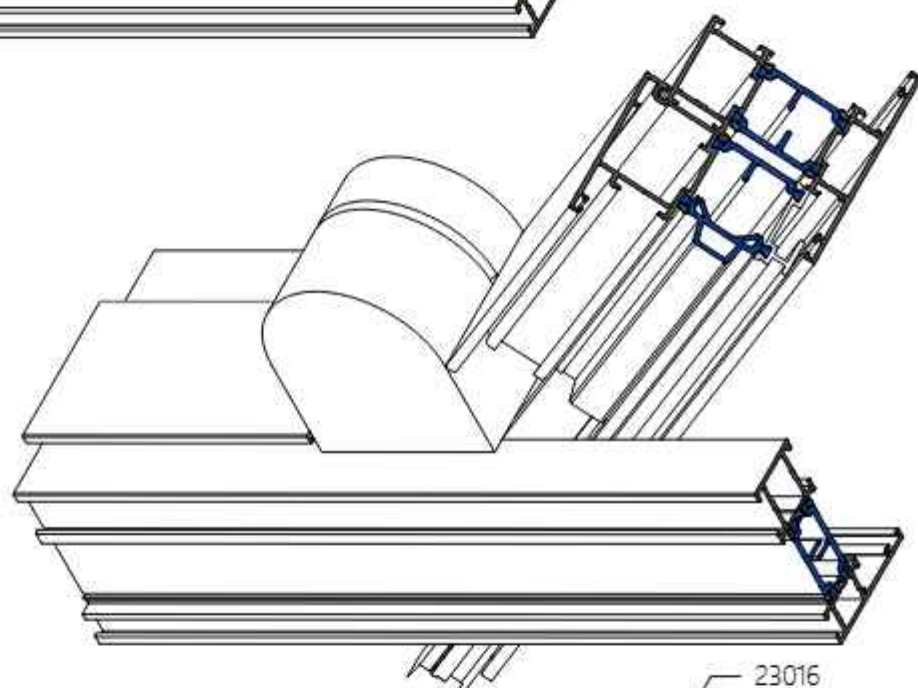
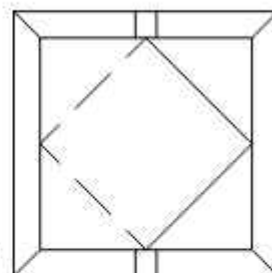
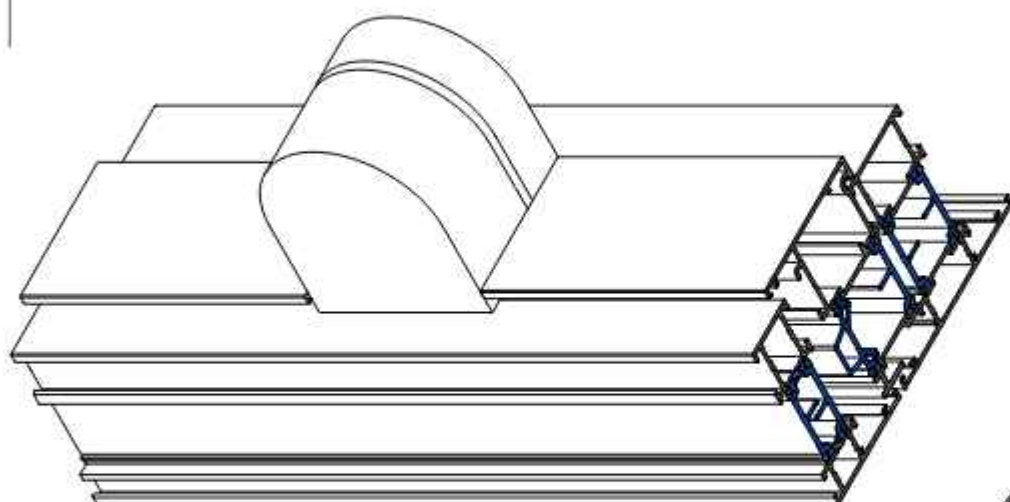






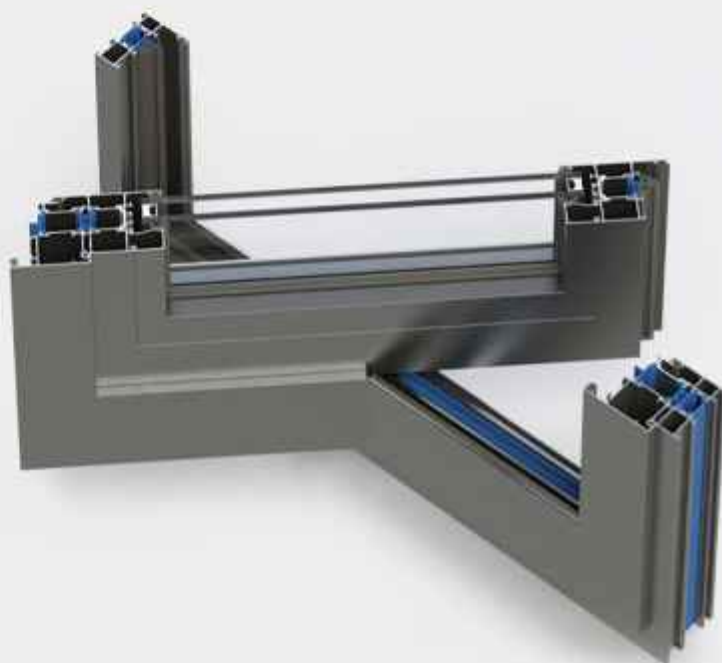
PVOTE HINGE
(HOW IT WORKS)





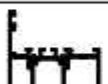
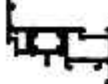
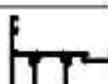
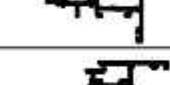
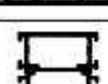
NOTE

HT 60

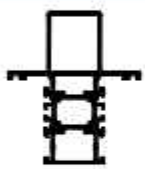
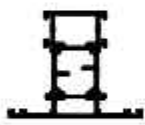
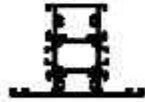
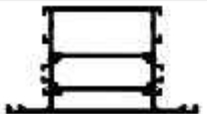


NOTE

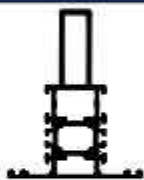
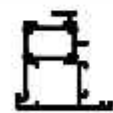
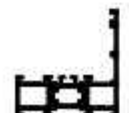
OVERVIEW OF PROFILES

DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE <i>I_x(cm⁴) I_y(cm⁴)</i>
	21001	1.160	Frame Profile	4.94 / 18.20
	21002	1.360	Frame Profile	11.81 / 22.52
	21003	1.560	Frame Profile	26.69 / 20.61
	21007	1.560	Z Frame Profile	15.18 / 43.26
	21008	1.240	Sash Profile	4.48 / 29.00
	21009	1.470	Sash Profile	11.99 / 36.20
	21010	1.670	Sash Profile	21.69 / 45.39
	21011	1.880	Sash Profile	57.93 / 27.62
	21012	1.518	Sash Profile	37.33 / 103.9
	21030	1.940	Sash Profile	29.97 / 61.29
	21015	1.370	Mullion Profile	9.71 / 20.03
	21016	1.500	Mullion Profile	18.84 / 23.42
	21017	1.680	Mullion Profile	33.43 / 26.88

OVERVIEW OF PROFILES

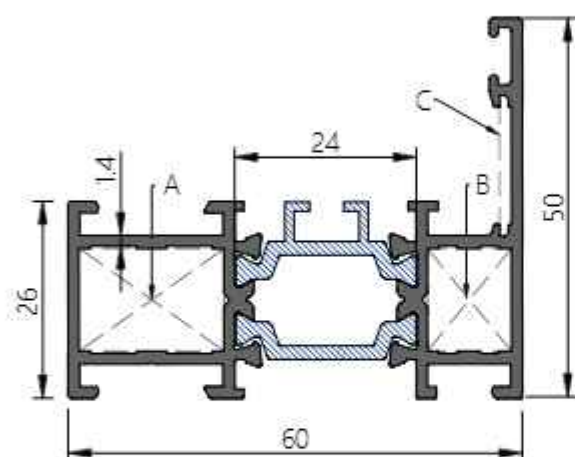
DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE I_x(cm⁴) / I_y(cm⁴)
	21018	1.9730	Sash mullion	62.59 / 22.52
	21023	1.465	Mullion profile	33 / 16.65
	21019	1.661	Mullion Profile	25.33 / 19.65
	21020	2.419	Mullion Profile (Reinforcement)	95.13 / 44.41
	21025	2.1290	Mullion In Sash Profile	65.04 / 114.51
	21045	1.275	Double Casement Adaptor Profile	19.15 / 7.68
	21060	1.490	Corner 90° Profile	27.76 / 22.32
	21061	1/185	Corner Curve Profile	10.34 / 13.08
	21562	0.140	Corner Curve Adaptor	/
	21561	0.185	Corner Curve Adaptor	/
	21043	1.162	Out Ward Adaptor	7.62 / 16.93
	21026	1.871	Sash Profile	61.47 / 23.83
	21024	1.720	Mullion Profile	40.02 / 34.97

OVERVIEW OF PROFILES

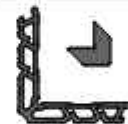
DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE Jx(cm4) / Jy (cm4)
	21021	2.126	Mullion Profile (Reinforcement)	97.78 / 20.54
	21014	2.165	Out Ward Sash Profile	45.06 / 54.35
	21027	1.300	Pivot Adaptor profile	13.75 / 23.37
	21031	1.331	Frame Profile For Hidden Vent	9.10 / 28.33
	21042	2.000	Sash Profile For Hidden Vent	16.21 / 41.21
	21033	1.526	Mullion Profile For Hidden Vent	29.50 / 26.76
	21032	1.526	Mullion Profile For Hidden Vent	29.09 / 16.20
	21046	1.584	Double Casement Adaptor Profile For Hidden Vent	31.03 / 23.32
	21070	0.680	Glazing Adaptor	0.96 / 8.39
	21040	0.660	Threshold Profile	0.29 / 8.19
	21041	0.260	Threshold Profile	/
	21501	0.250	Glazing Bead	/

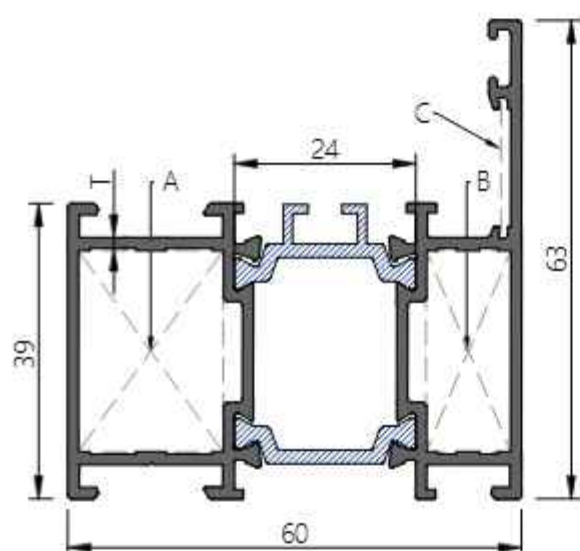
OVERVIEW OF PROFILES

DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE <i>I_x(cm⁴) / I_y (cm⁴)</i>
	21554	0.368	Border Profile	/
	21553	0.340	Border Profile	/
	21504	0.300	Glazing Bead	/
	21505	0.340	Glazing Bead	/
	21506	0.345	Glazing Bead	/
	21507	0.370	Glazing Bead	/
	21508	0.385	Glazing Bead	/
	21509	0.390	Glazing Bead	/
	21502	0.263	Glazing Bead	/
	21503	0.280	Glazing Bead	/
	21513	0.125	Glazing Bead	/
	21531	0.273	Glazing Bead	/
	21562	0.140	Corner Curve Adaptor	/



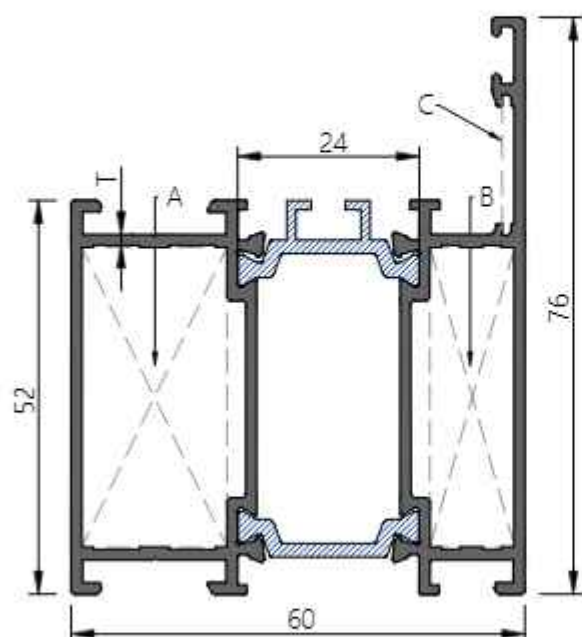
Profile Name	Profile Code	Weight (Kg/m)
Frame Profile	21001	1.160

Corner Cleat	A	B	C
	308-13 18.8mm	308-2 10.8mm	21326



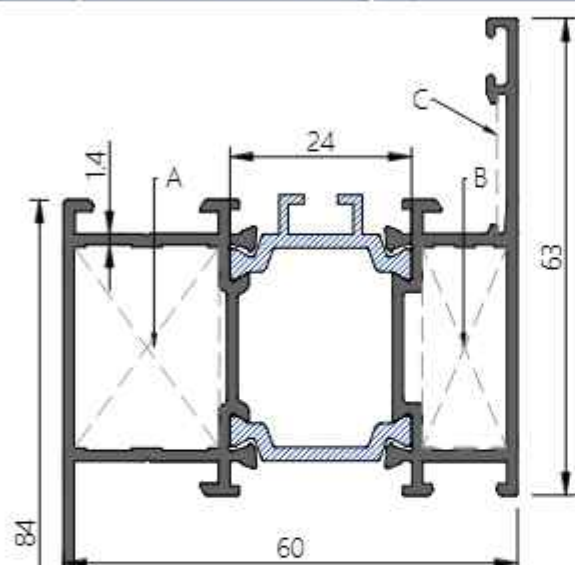
Profile Name	Profile Code	Weight (Kg/m)	Thickness
Frame Profile	21002	1.360	1.4
Frame Profile	B 21002	1.466	1.8

Corner Cleat	A	B	C
	311-3 18.8mm	311-10 10.8mm	21326



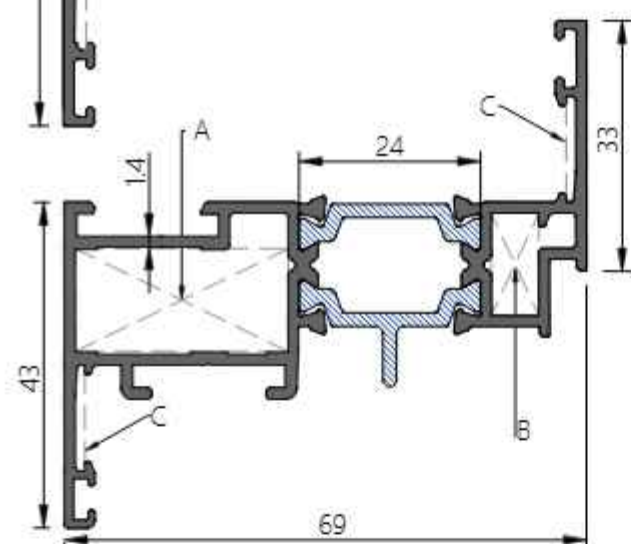
Profile Name	Profile Code	Weight (Kg/m)	Thickness
Frame Profile	21003	1.555	1.4
Frame Profile	B 21003	1.690	1.8

Corner Cleat	A	B	C
	312-2 18.8mm	312-4 10.8mm	21326



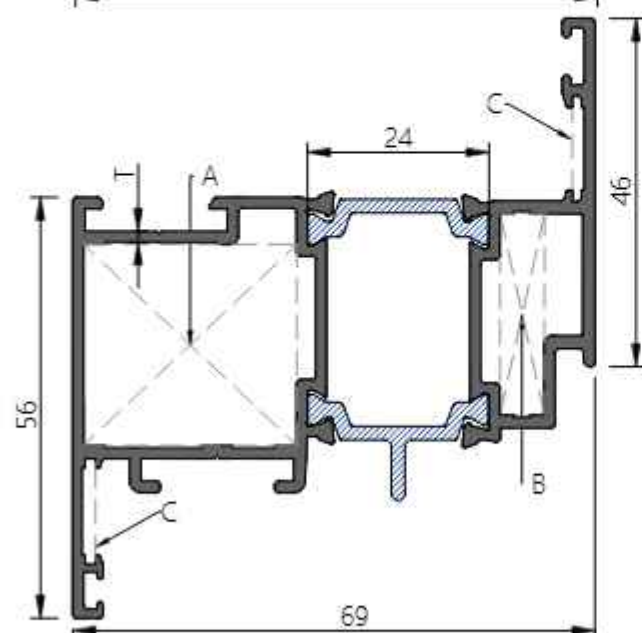
Profile Name	Profile Code	Weight (Kg/m)
Z Frame Profile	21007	1.560

Corner Cleat	A	B	C
	311-3 18.8mm	311-10 10.8mm	21326



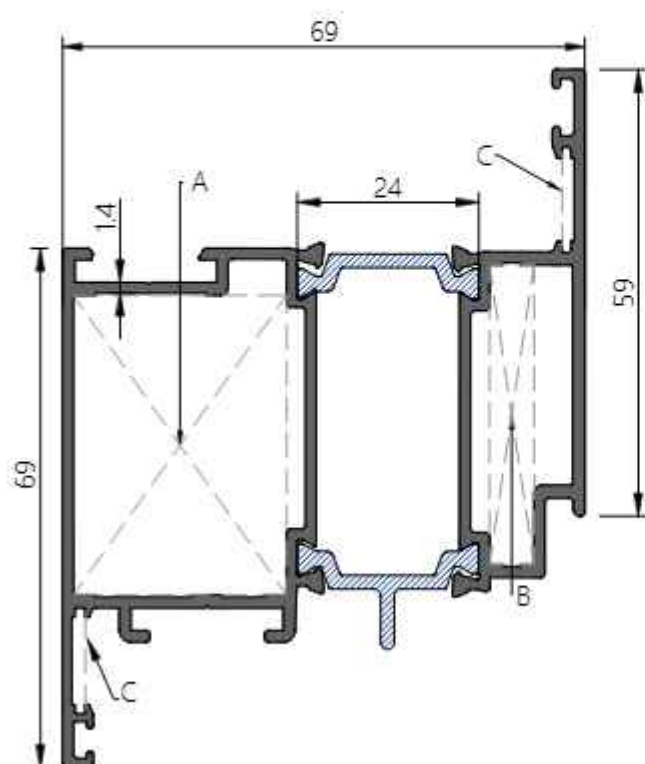
Profile Name	Profile Code	Weight (Kg/m)
Sash Profile	21008	1.240

Corner Cleat	A	B	C
	308-3 27.8mm	308-14 5.5mm	21327



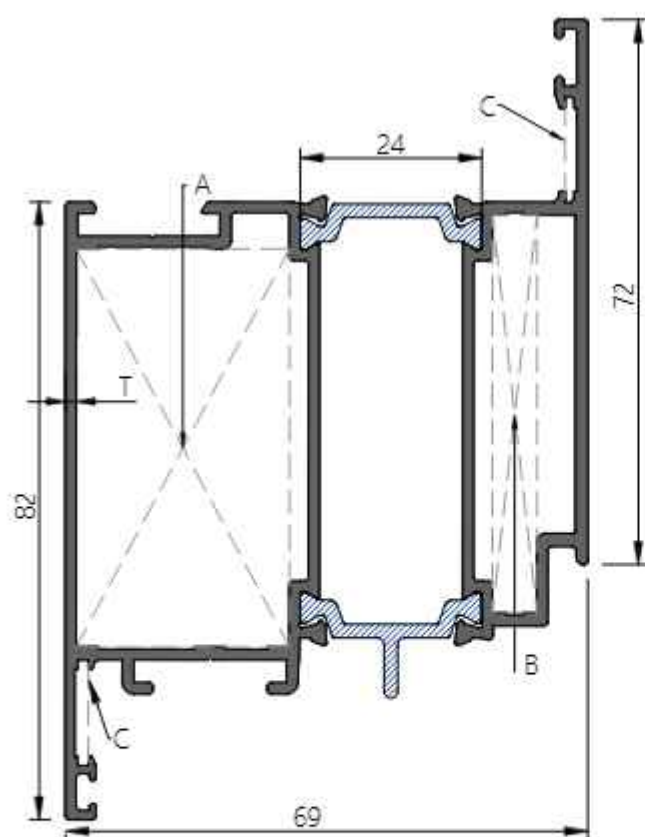
Profile Name	Profile Code	Weight (Kg/m)	Thickness
Sash Profile	21009	1.470	1.4
Sash Profile	B 21009	1.586	1.8

Corner Cleat	A	B	C
	311-4 27.8mm	311-11 5.5mm	21327



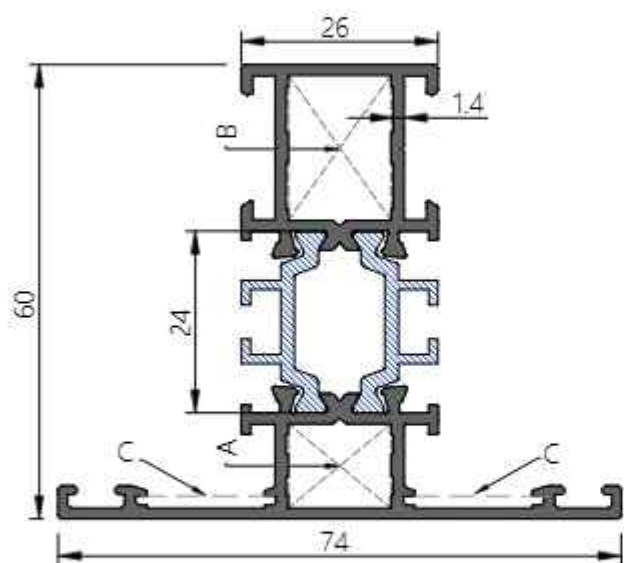
Profile Name	Profile Code	Weight (Kg/m)
Sash Profile	21010	1.670

Corner Cleat	A	B	C
	312-5 27.8mm	312-3 5.5mm	21327



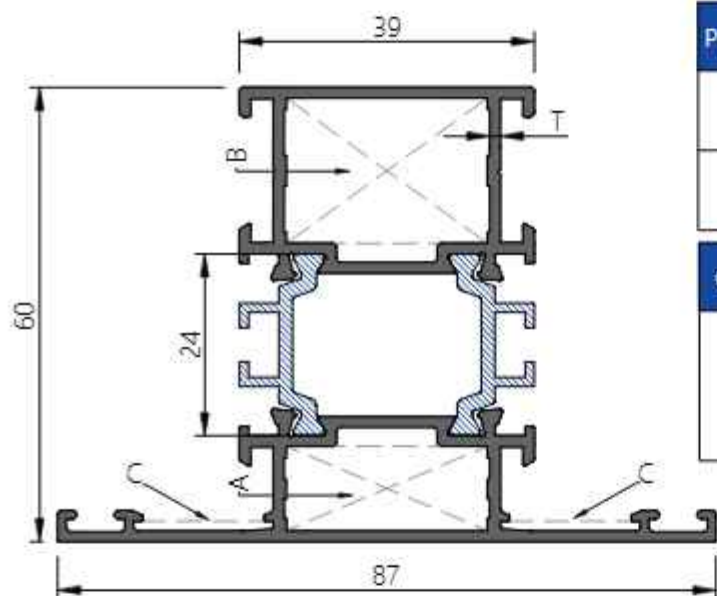
Profile Name	Profile Code	Weight (Kg/m)	Thickness
Sash Profile	21011	1.880	1.4
Sash Profile	B 21011	2.037	1.8

Corner Cleat	A	B	C
	314-2 5.5mm	314-1 27.8mm	21327



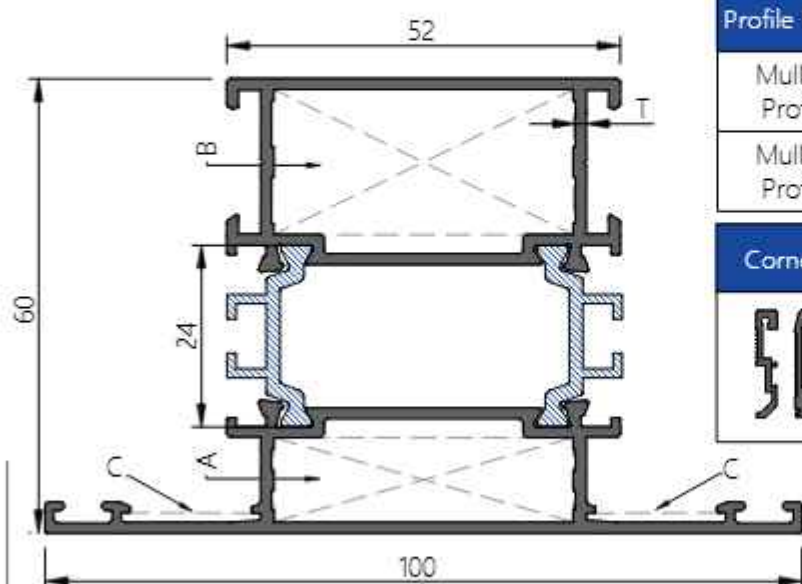
Profile Name	Profile Code	Weight (Kg/m)
Mullion Profile	21015	1.316

Corner Cleat	A	B	C
	320-1	21326	



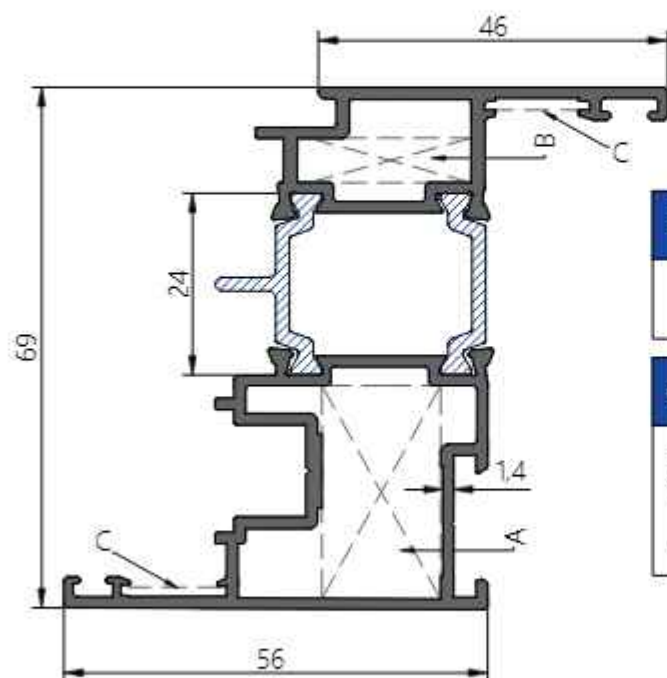
Profile Name	Profile Code	Weight (Kg/m)	Thickness
Mullion Profile	21016	1.500	1.4
Mullion Profile	B 21016	1.609	1.8

Corner Cleat	A	B	C
	320-2	21326	



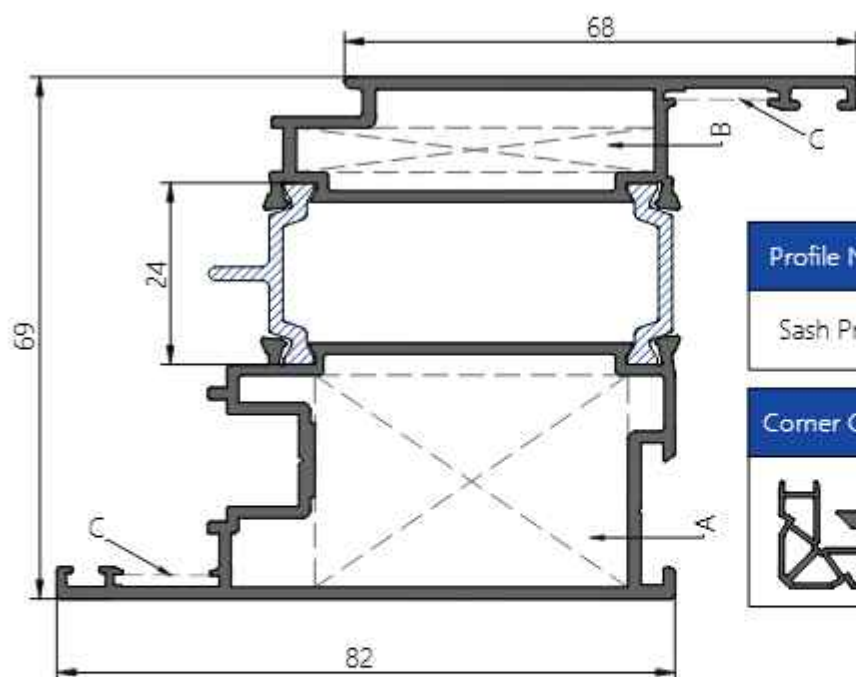
Profile Name	Profile Code	Weight (Kg/m)	Thickness
Mullion Profile	21017	1.680	1.4
Mullion Profile	B 21017	1.811	1.8

Corner Cleat	A	B	C
	320-3	21326	



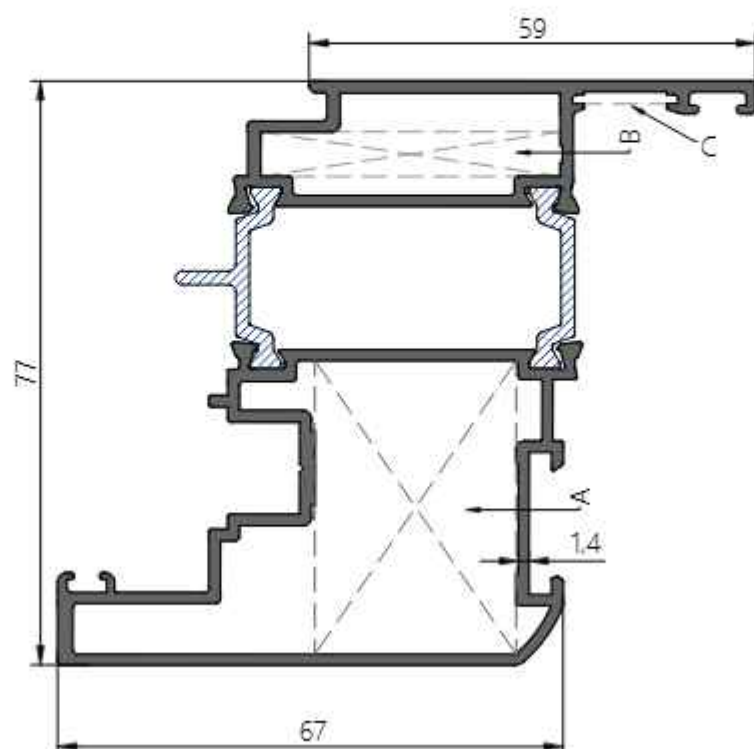
Profile Name	Profile Code	Weight (Kg/m)
Sash Profile	21012	1.518

Corner Cleat	A	B	C
	5541 27.8mm	319.7 5.5mm	21327



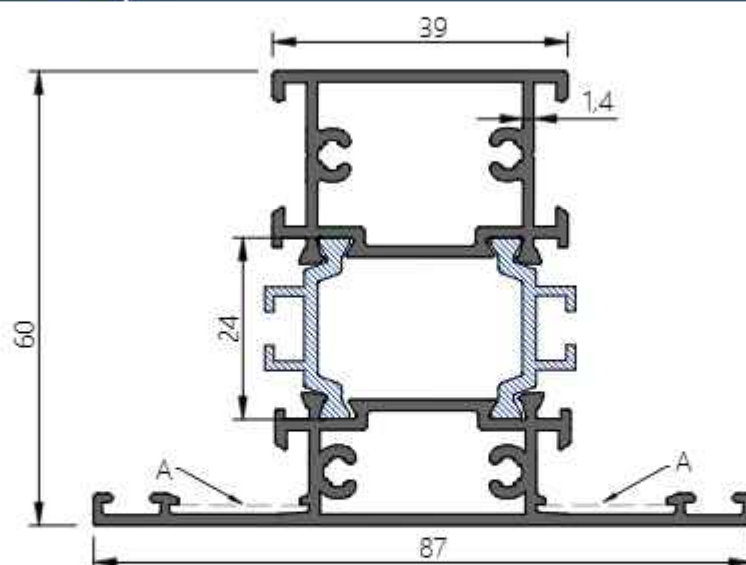
Profile Name	Profile Code	Weight (Kg/m)
Sash Profile	21030	1.940

Corner Cleat	A	B	C
	310-1 27.6mm	313-4 5.5mm	21327

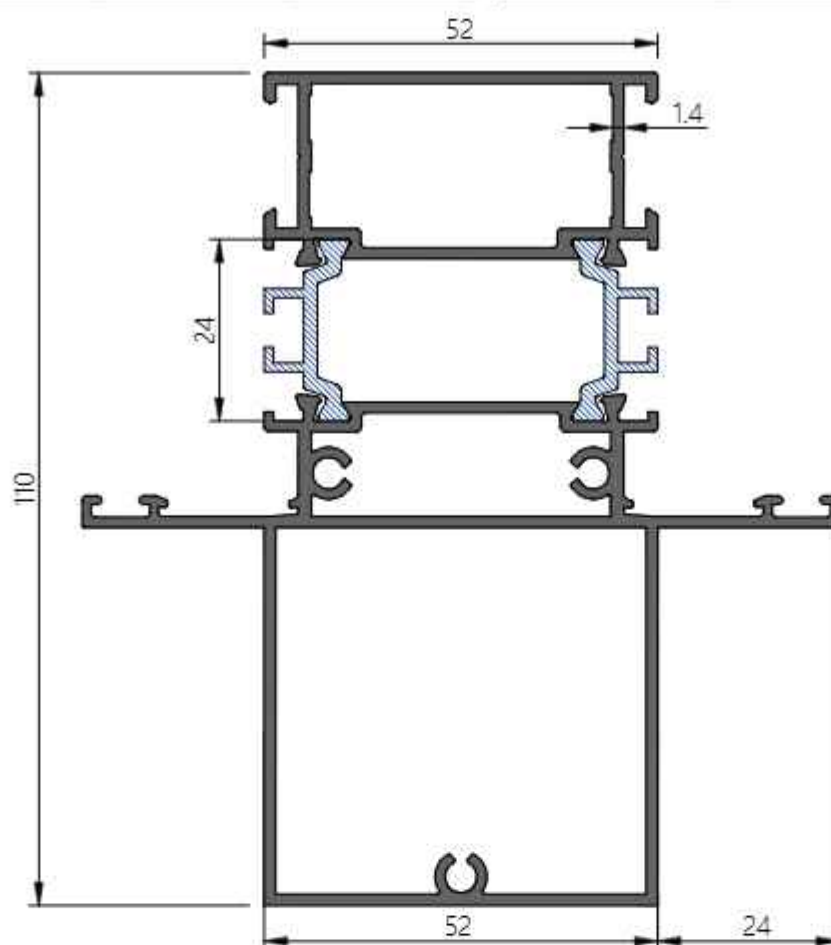


Profile Name	Profile Code	Weight (Kg/m)
Sash Profile	21026	1.871

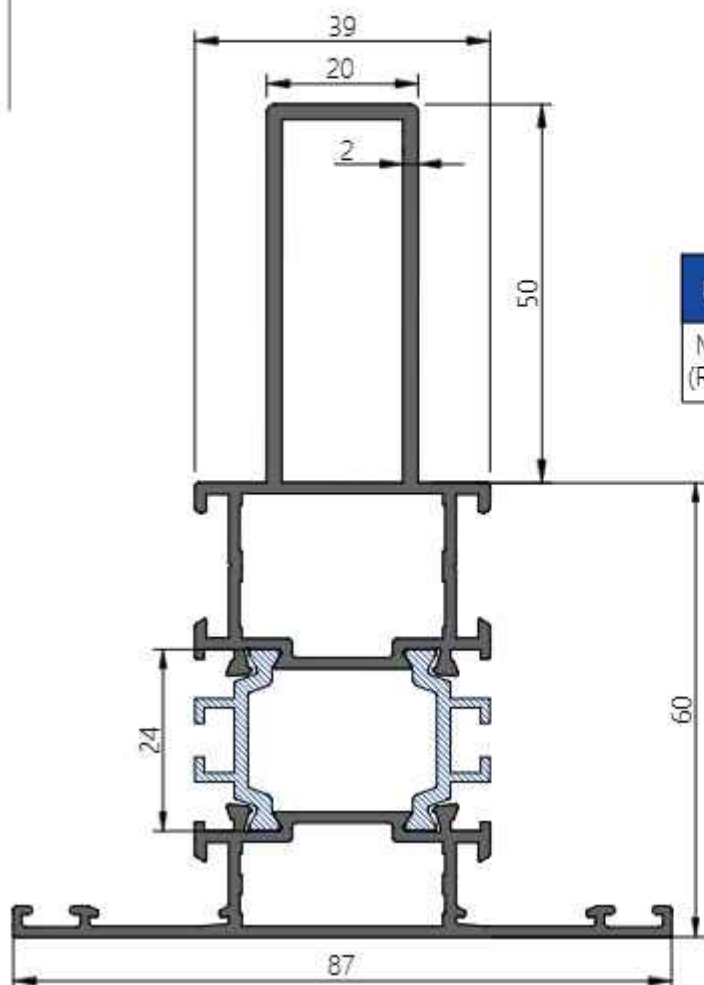
Corner Cleat	A	B	C
	311-1 38.4mm	312-8 5.5mm	21327



Profile Name	Profile Code	Weight (Kg/m)	Corner Cleat	A
Mullion Profile	21019	1.661		21326

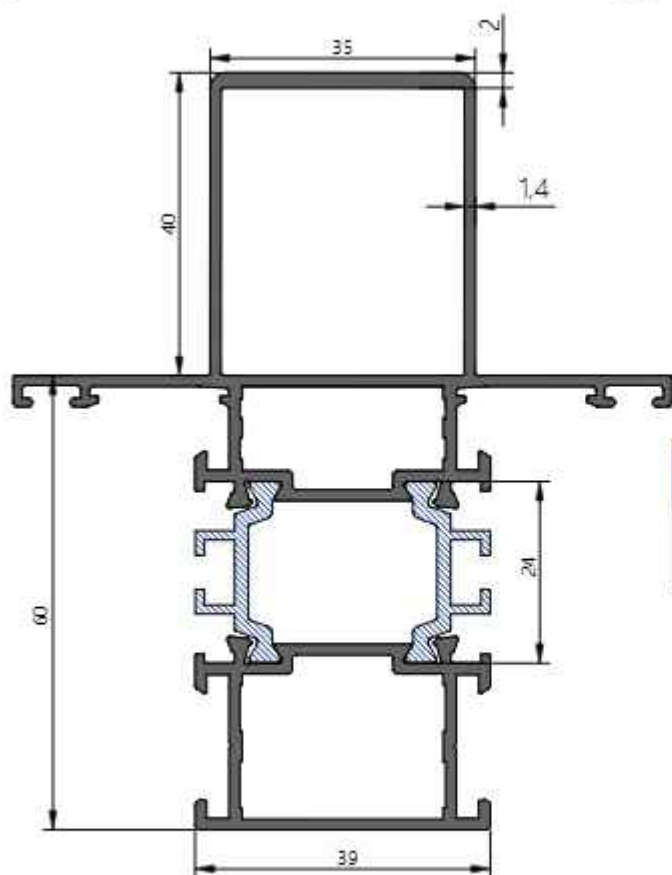


Profile Name	Profile Code	Weight (Kg/m)
Mullion Profile (Reinforcement)	21020	2.419



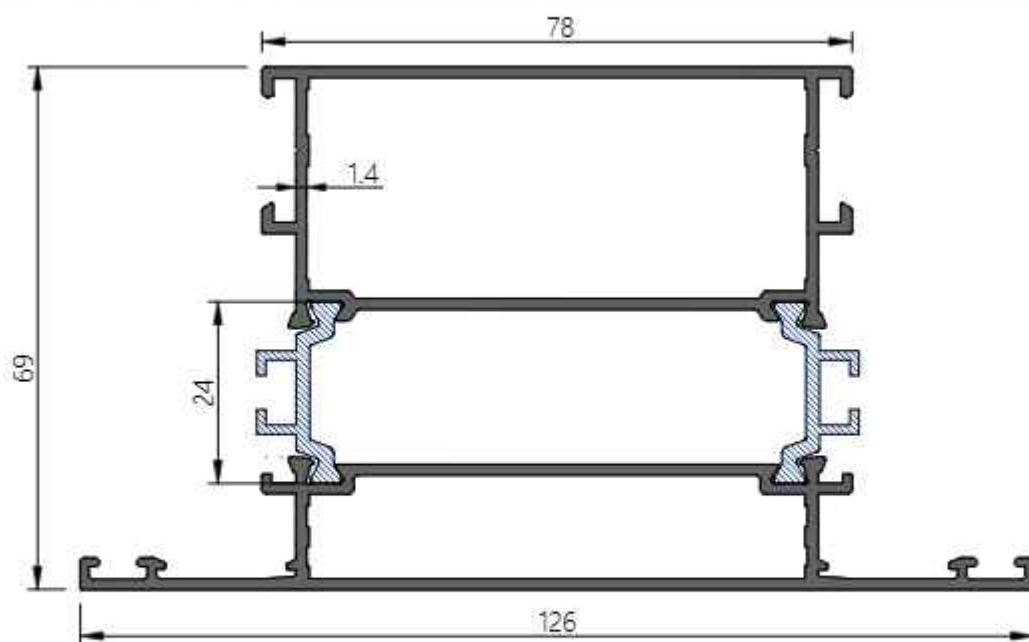
Profile Name	Profile Code	Weight (Kg/m)
Mullion Profile (Reinforcement)	21021	2.126

Corner Cleat	A	B
	320-2	

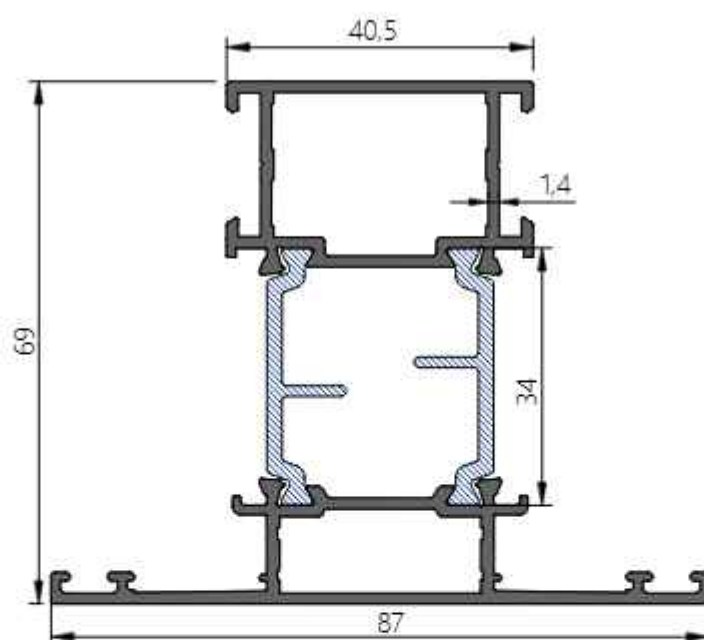


Profile Name	Profile Code	Weight (Kg/m)
Sash Mullion	21018	1.973

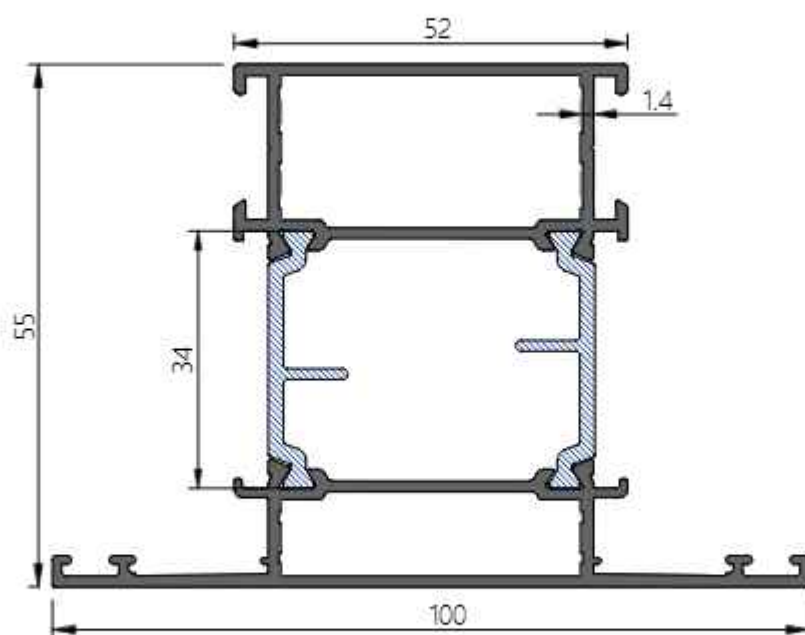
Corner Cleat	A	B
	320-2	



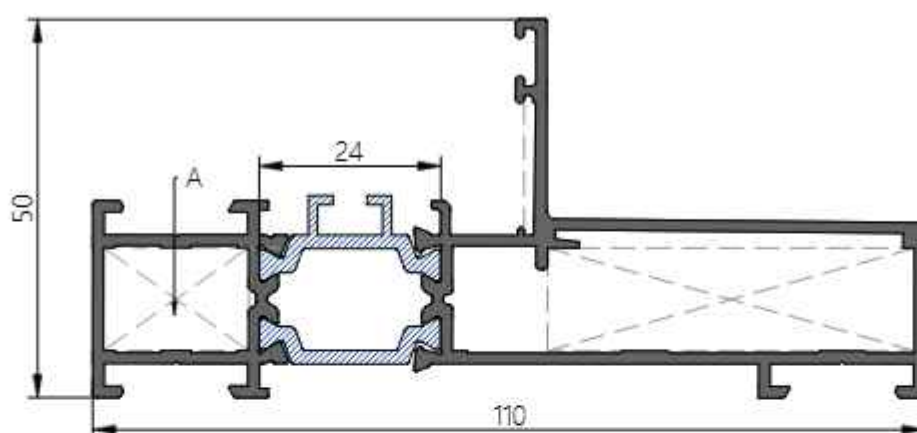
Profile Name	Profile Code	Weight (Kg/m)	Corner Cleat	A	B
Mullion In Sash Profile	21025	2.1290		320-4	65.2mm



Profile Name	Profile Code	Weight (Kg/m)
Mullion Profile	21023	1.465

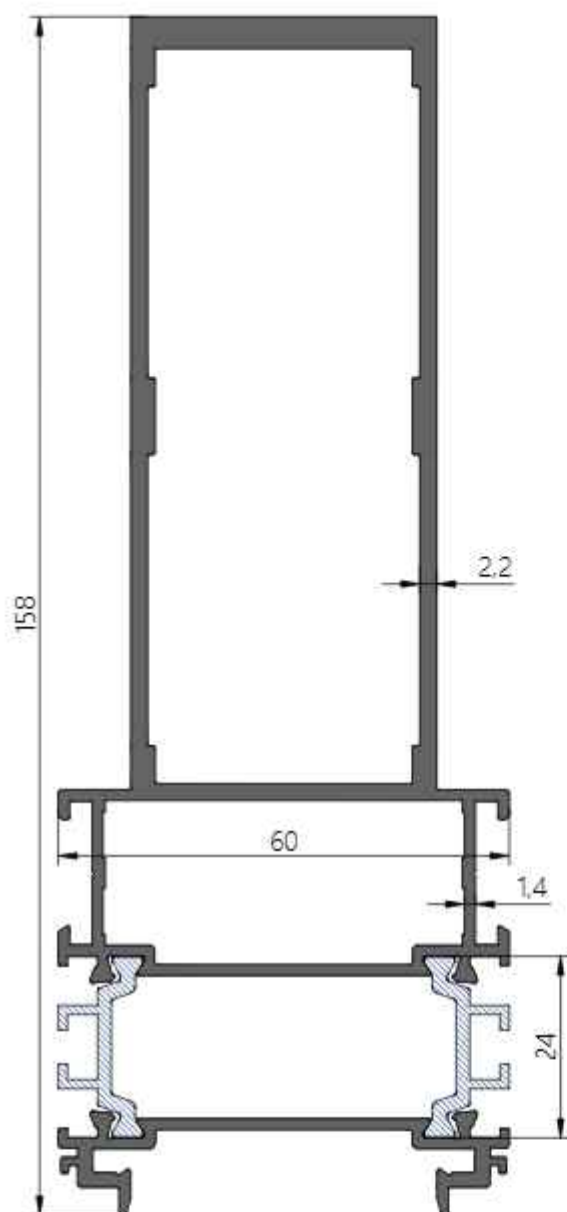


Profile Name	Profile Code	Weight (Kg/m)
Mullion Profile	21024	1.720

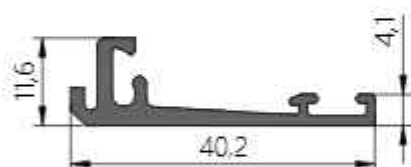


Corner Cleat	A	B	C
	308-2 18.8mm	308-16 48.1mm	21326

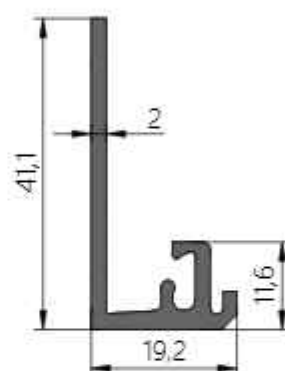
Profile Name	Profile Code	Weight (Kg/m)
Frame Profile	21004	1.578



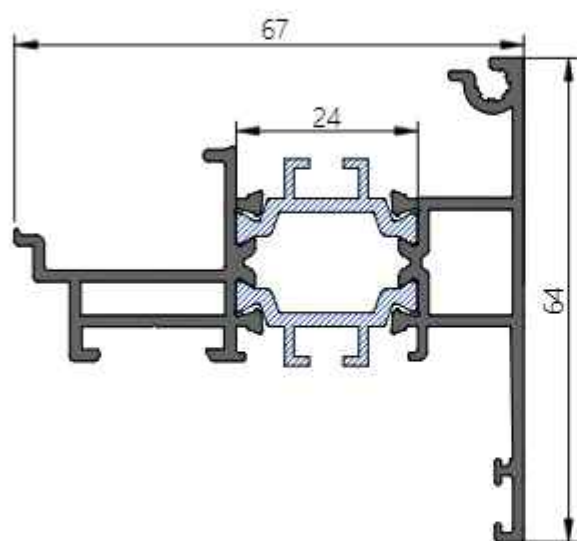
Profile Name	Profile Code	Weight (Kg/m)
Mullion Profile (Reinforcement)	21080	3.174



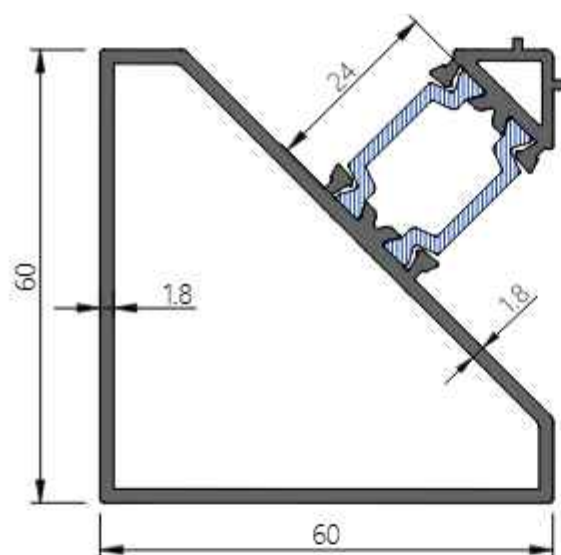
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21081	1.720



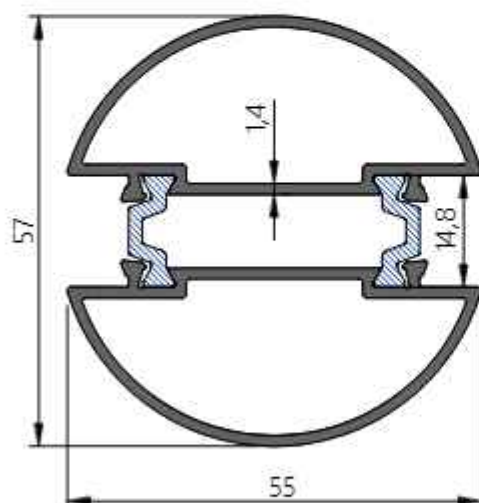
Profile Name	Profile Code	Weight (Kg/m)
Cover Cap	21082	1.720



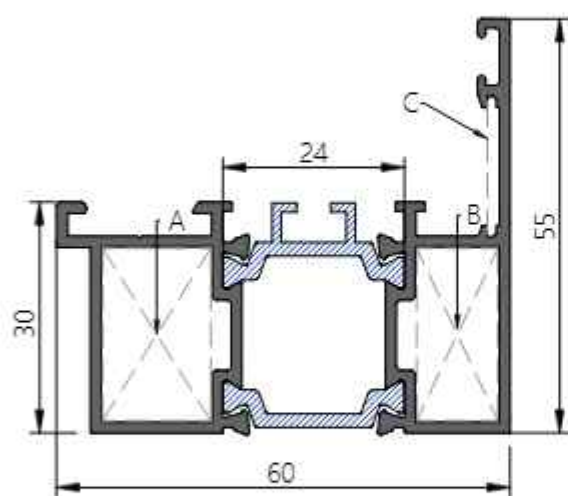
Profile Name	Profile Code	Weight (Kg/m)
Double Casement Adaptor Profile	21045	1.275



Profile Name	Profile Code	Weight (Kg/m)
Corner 90° Profile	21060	1.490

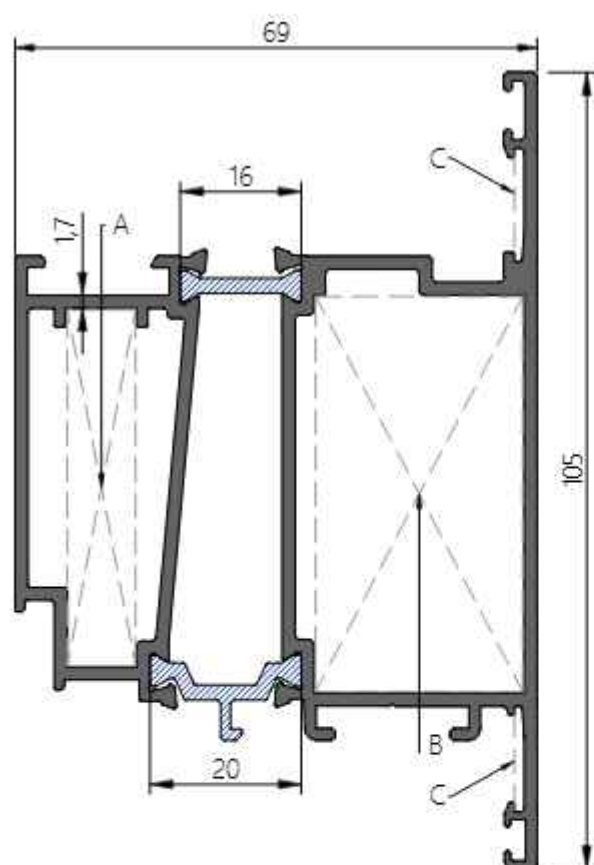


Profile Name	Profile Code	Weight (Kg/m)
Corner Curve Profile	21061	1.185

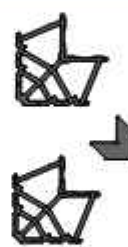


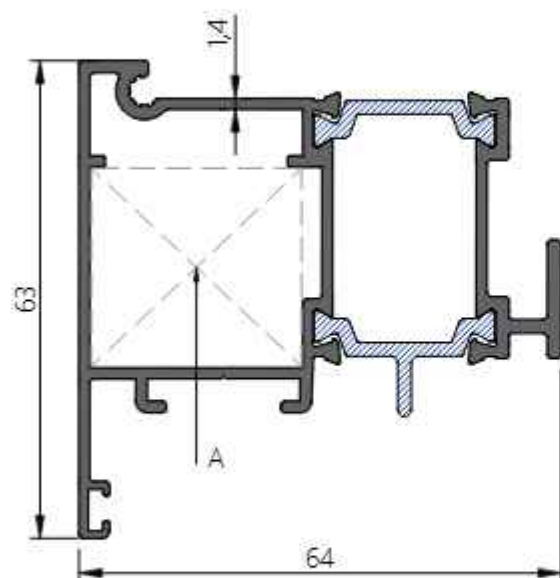
Profile Name	Profile Code	Weight (Kg/m)
Out Ward Adaptor	21043	1.162

Corner Cleat	A	B	C
	319-1 14.3mm	319-2 10.8mm	21326



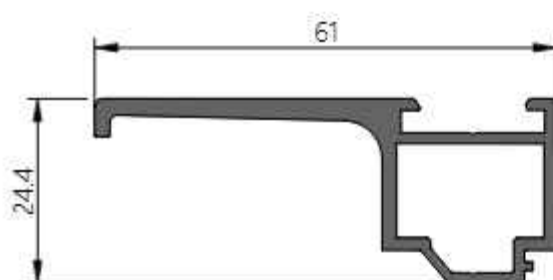
Profile Name	Profile Code	Weight (Kg/m)
Out Ward Sash Profile	21014	2.165

Corner Cleat	A	B	C
	313-3 8.9mm	314-1 27.8mm	21327

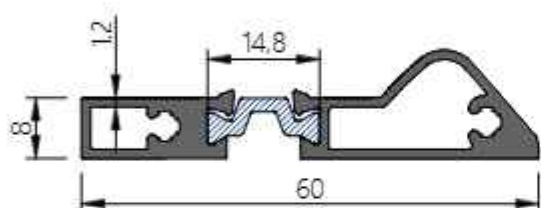


Profile Name	Profile Code	Weight (Kg/m)
Pivot Adaptor Profile	21027	1.300

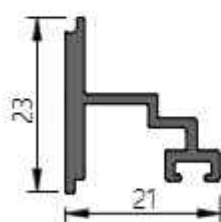
Corner Cleat	A
	311-4 27.8mm



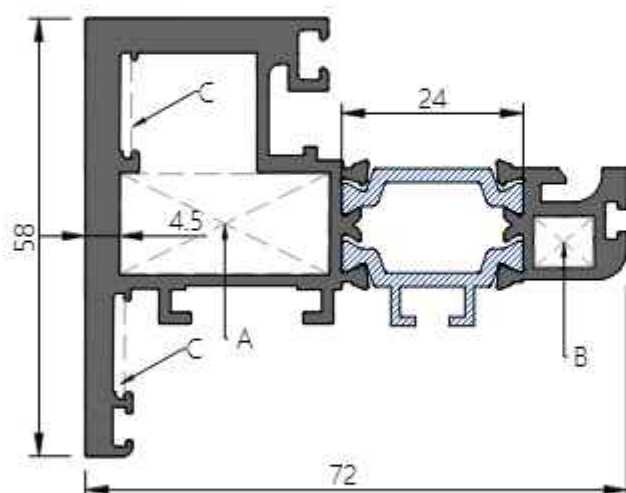
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead Adaptor	21070	0.680



Profile Name	Profile Code	Weight (Kg/m)
Threshold Profile	21040	0.660

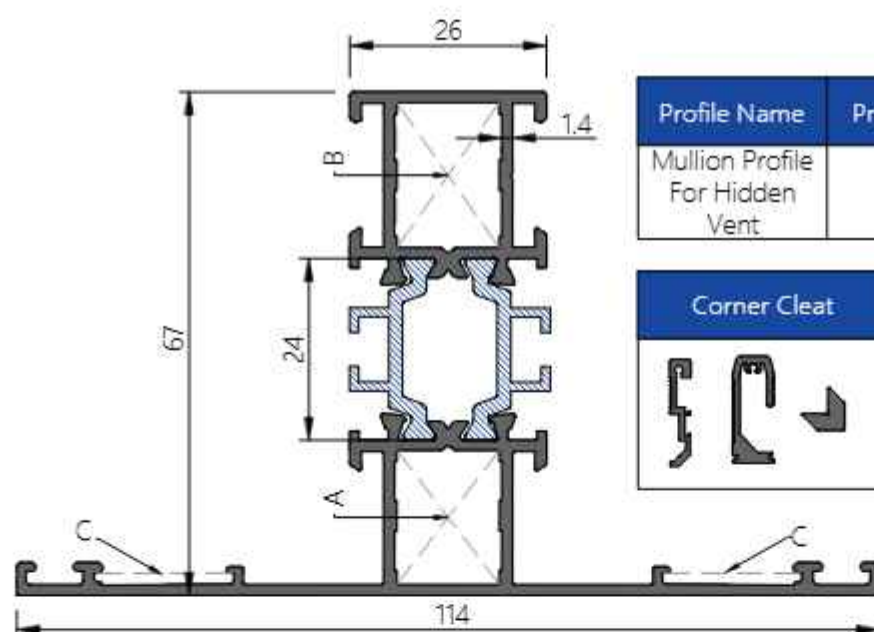


Profile Name	Profile Code	Weight (Kg/m)
Threshold Adaptor Profile	21041	0.260



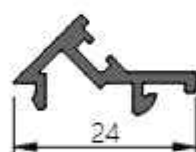
Profile Name	Profile Code	Weight (Kg/m)
Sash Profile For Hidden Vent	21042	2.000

Corner Cleat	A	B	C
	308-8 27.4mm	551-1 7.6mm	21327

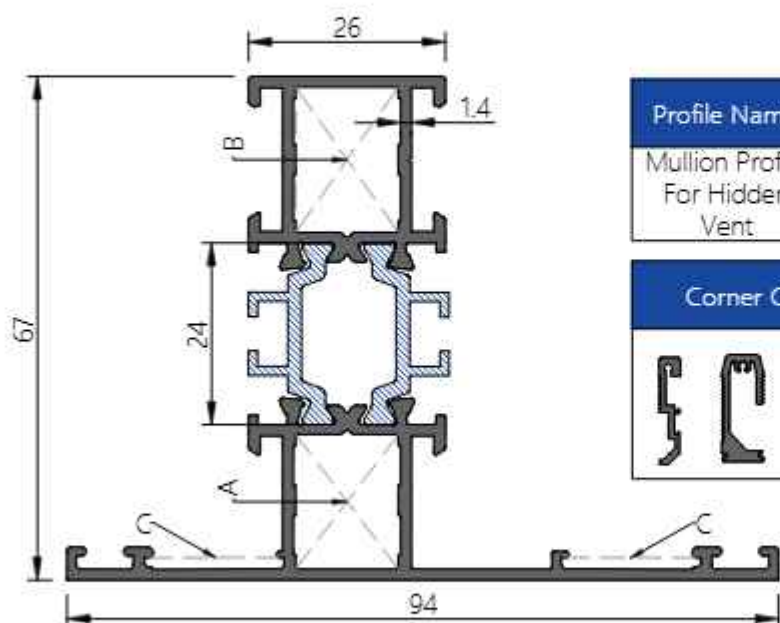


Profile Name	Profile Code	Weight (Kg/m)
Mullion Profile For Hidden Vent	21033	1.526

Corner Cleat	A	B	C
	320-1		21326

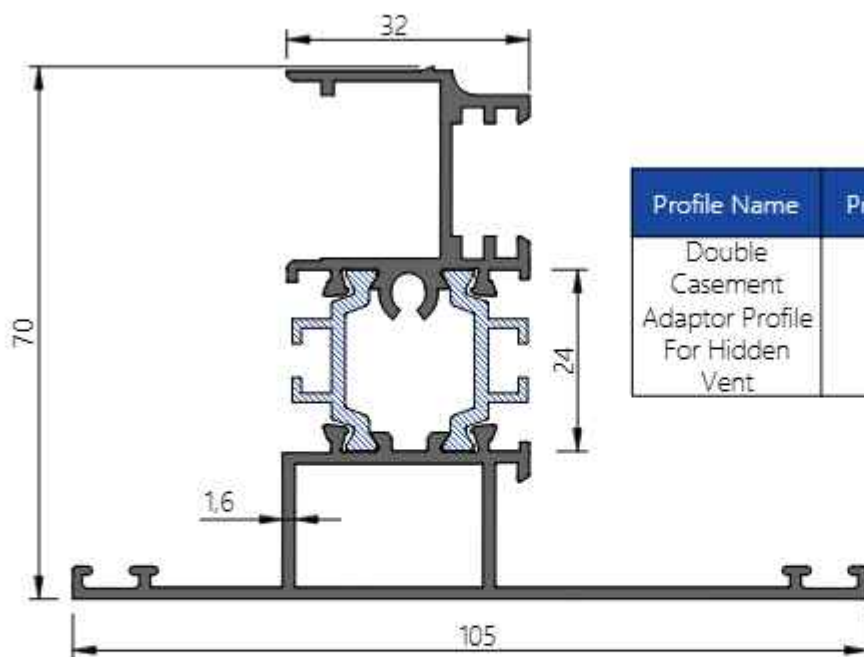


Profile Name	Profile Code	Weight (Kg/m)
Corner Curve Adaptor	21563	0.185

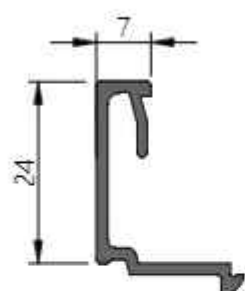


Profile Name	Profile Code	Weight (Kg/m)
Mullion Profile For Hidden Vent	21032	1.446

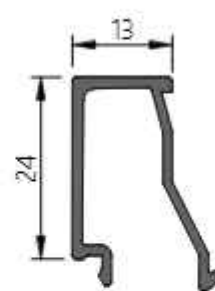
Corner Cleat	A	B	C
	320-1		21326



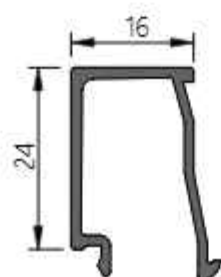
Profile Name	Profile Code	Weight (Kg/m)
Double Casement Adaptor Profile For Hidden Vent	21046	1.584



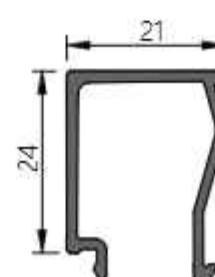
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21501	0.250



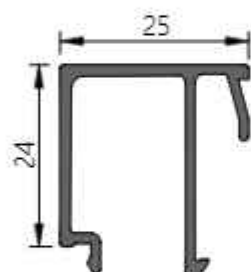
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21502	0.263



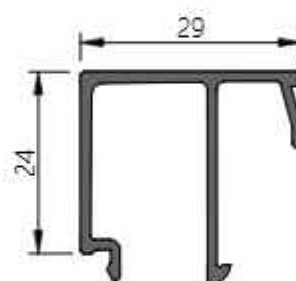
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21503	0.280



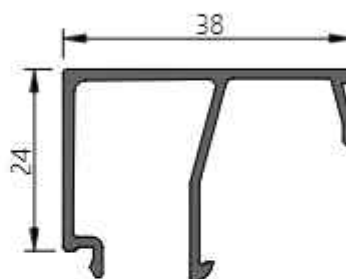
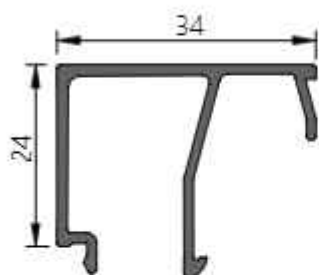
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21504	0.300



Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21505	0.340

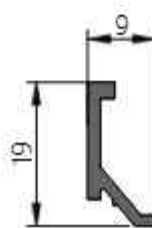
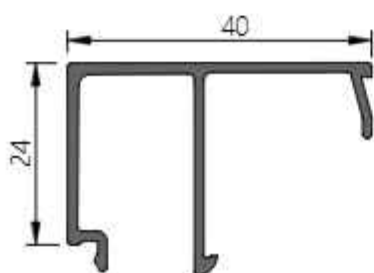


Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21506	0.345



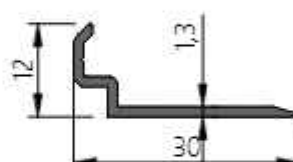
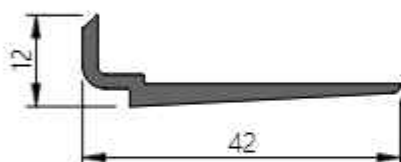
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21507	0.370

Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21508	0.385



Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21509	0.390

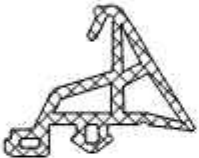
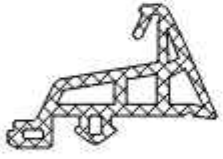
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21513	0.125



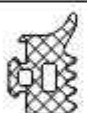
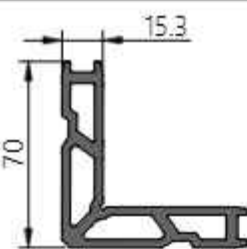
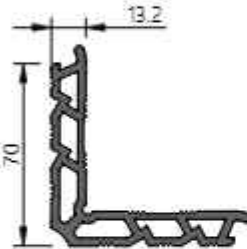
Profile Name	Profile Code	Weight (Kg/m)
Glass Support	21531	0.273

Profile Name	Profile Code	Weight (Kg/m)
Corner Curve Adaptor	21562	0.140

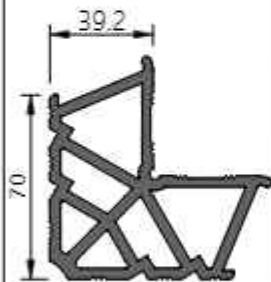
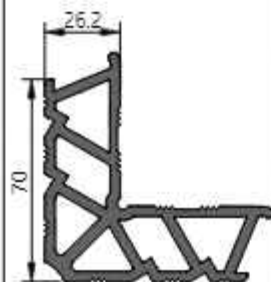
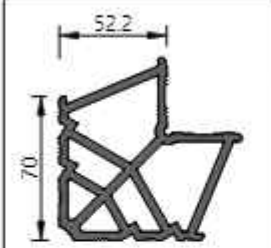
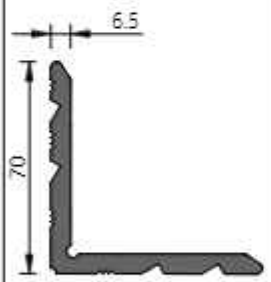
ACCESSORIES

Drawing	Code	Description	Material
	G 109	Glazing Gasket 4(mm)	EPDM
	G 108	Interior Glazing Gasket 2mm	
	G 201	Interior Glazing Gasket 4mm	
	G 202	Interior Glazing Gasket 6mm	
	G 203	Interior Glazing Gasket 8mm	
	G 210	Exterior Gasket	
	G 220	Central Gasket	
	G 222	Central Gasket	

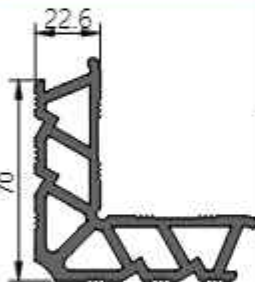
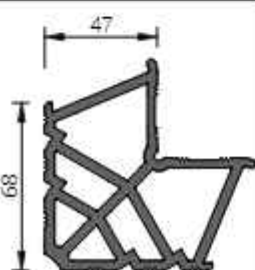
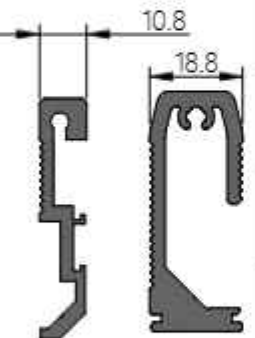
ACCESSORIES

Drawing	Code	Description	Material
	G 110	Gasket For Sash Profile	EPDM
	G 217	Glazing Gasket 6(mm)	
	G 235	Glazing Gasket	
	5541	Press Corner Cleat 10.8(mm)	
	308-2	Press Corner Cleat 10.8(mm)	Aluminium
	308-3	Press Corner Cleat 27.8(mm)	
	308-8	Press Corner Cleat 27.5(mm)	
	308-13	Press Corner Cleat 18.8(mm)	
	308-14	Press Corner Cleat 5.5(mm)	
	308-16	Press Corner Cleat 33.1(mm)	
	308-20	Press Corner Cleat 17.4(mm)	

ACCESSORIES

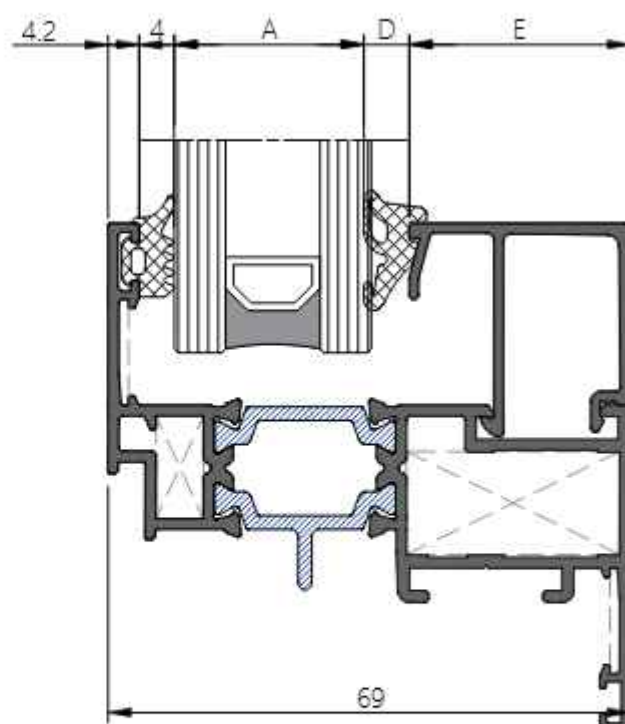
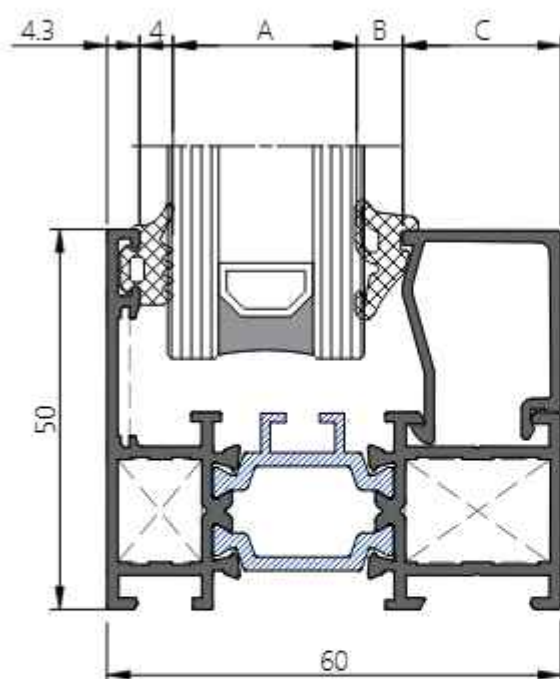
Drawing	Code	Description	Material
	312-4	Press Corner Cleat10.8(mm)	Aluminium
	312-2	Press Corner Cleat18.8(mm)	
	312-3	Press Corner Cleat5.5(mm)	
	312-5	Press Corner Cleat27.8(mm)	
	311-10	Press Corner Cleat10.8(mm)	
	311-11	Press Corner Cleat5.5(mm)	
	311-3	Press Corner Cleat18.8(mm)	
	311-4	Press Corner Cleat27.8(mm)	
	314-1	Press Corner Cleat27.8(mm)	
	314-2	Press Corner Cleat5.5(mm)	
	551-1	Press Corner Cleat7.6(mm)	

ACCESSORIES

Drawing	Code	Description	Material
	319-1	Press Corner Cleat14.3(mm)	Aluminium
	319-2	Press Corner Cleat10.8(mm)	
	319-7	Press Corner Cleat5.5(mm)	
	313-3	Press Corner Cleat8.9(mm)	
	21326	Press Corner Cleat For Frame Profile & Mullion Profile18(mm)	
	21327	Press Corner Cleat For Sash Profile13.5(mm)	
	Profile:21320 Cutting:320-1	Mullion Press Corner Cleat13.2(mm)	
	Profile:21320 Cutting:320-2	Mullion Press Corner Cleat26.6(mm)	
	Profile:21320 Cutting:320-3	Mullion Press Corner Cleat39.2(mm)	
	Profile:21320 Cutting:320-4	Mullion Press Corner Cleat65.2(mm)	

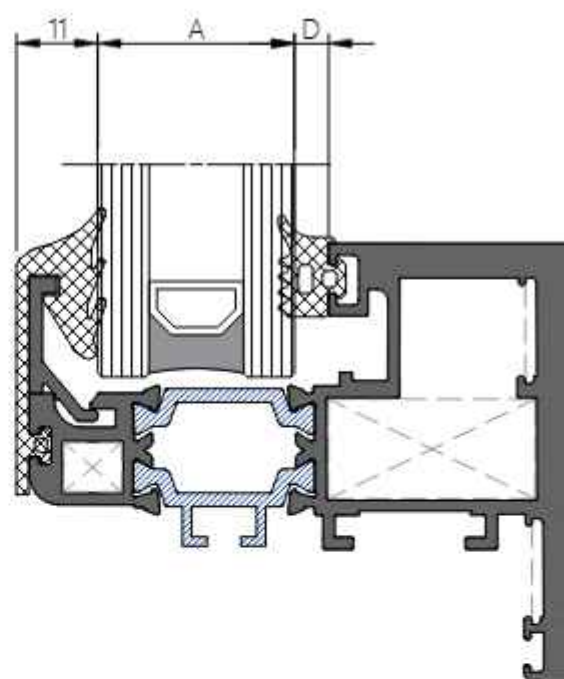
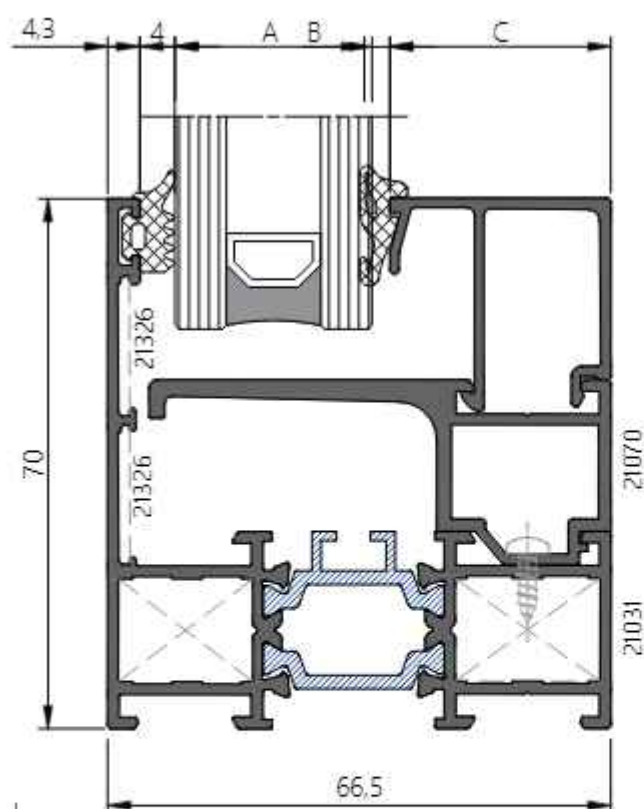
Glass Size		
A(mm)	B	C
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22	G 201	21505
24	G 202	21504
26	G 202	21504
28	G 203	21503
30	G 202	21503
32	G 203	21502
34	G 201	21502
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38	G 203	21501
40	G 201	21501

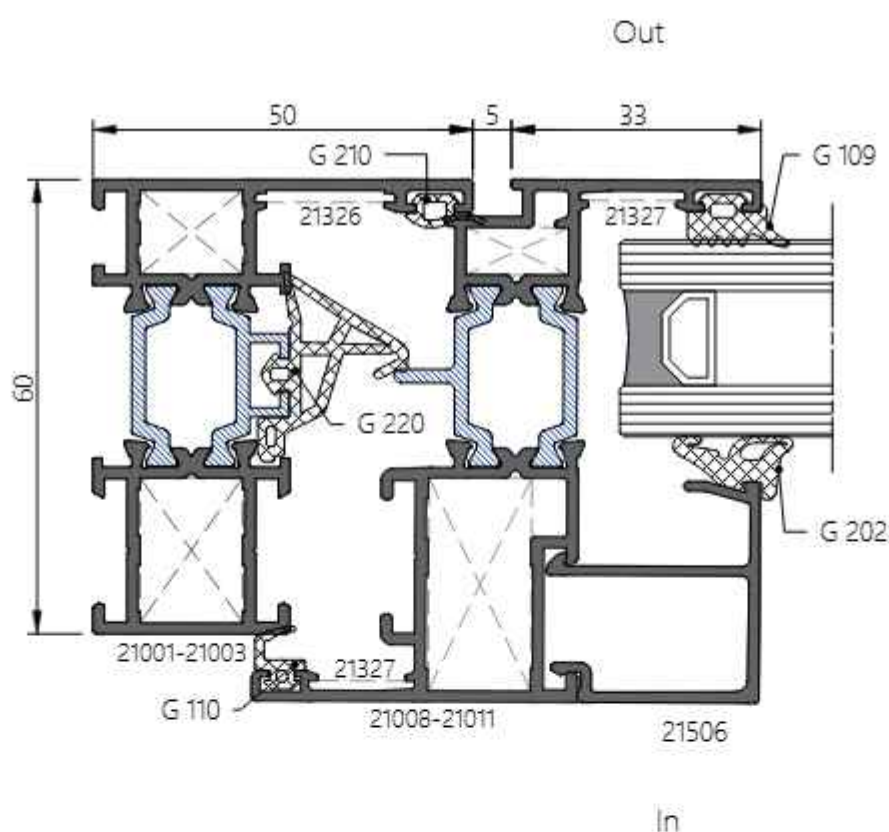
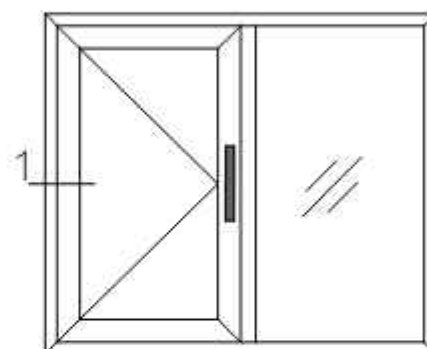
Glass Size		
A(mm)	D	E
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24	G 203	21506
26	G 202	21506
28	G 201	21506
30	G 202	21505
32	G 201	21505
34	G 202	21504
36	G 201	21504
38	G 202	21503
40	G 201	21503
42	G 202	21502
44	G 201	21502
46	G 203	21501
48	G 202	21501



Glass Size		
A(mm)	B	C
20	G 201	21507
22	G 108	21507
24	G 201	21506
26	G 203	21505
28	G 202	21505
30	G 203	21504
32	G 202	21504
34	G 203	21503
36	G 202	21503
38	G 201	21503
40	G 108	21503

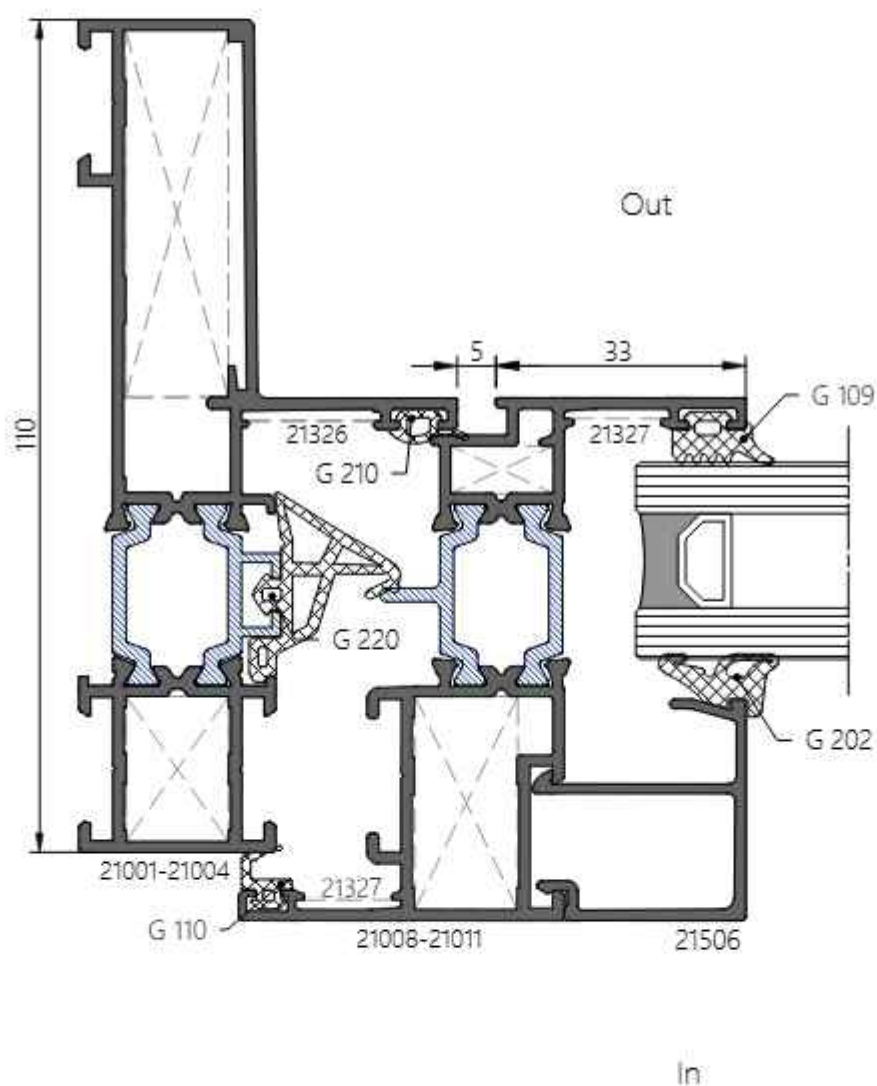
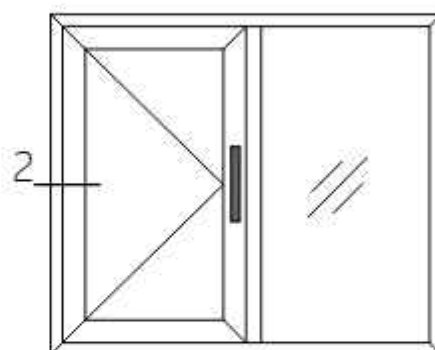
Glass Size	
A(mm)	D
24	G 217





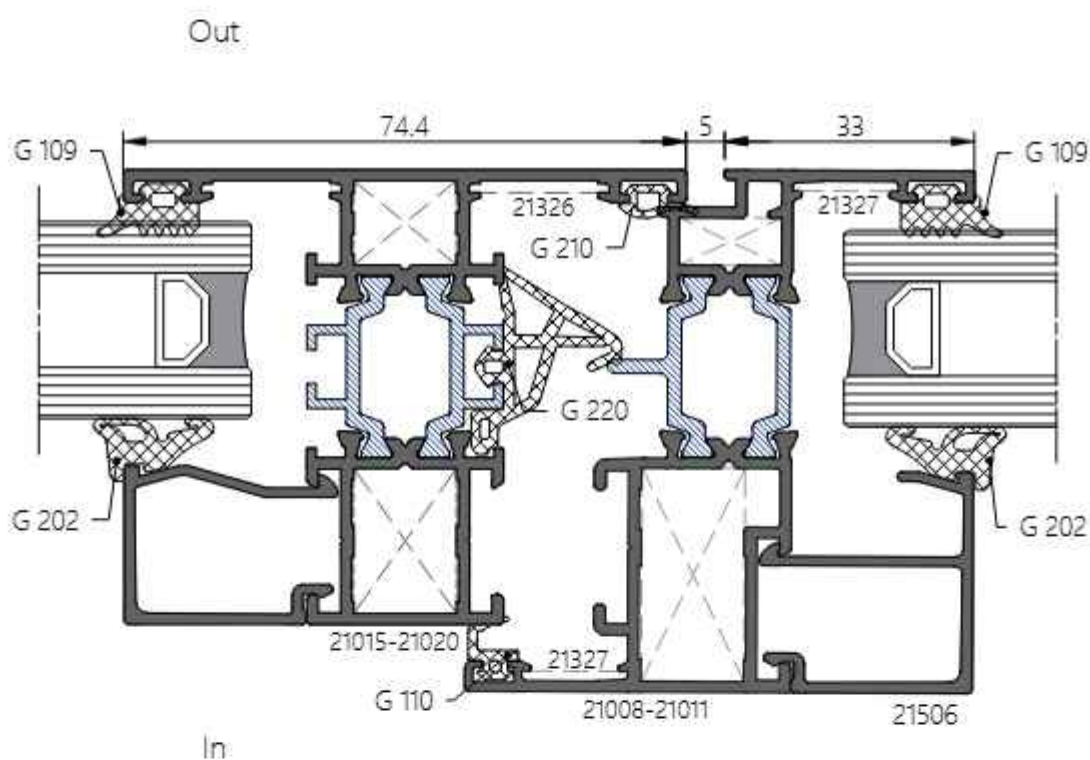
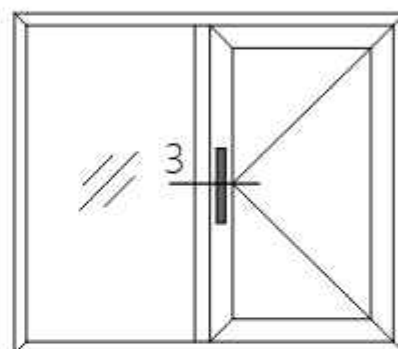
1

HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge



2

HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge

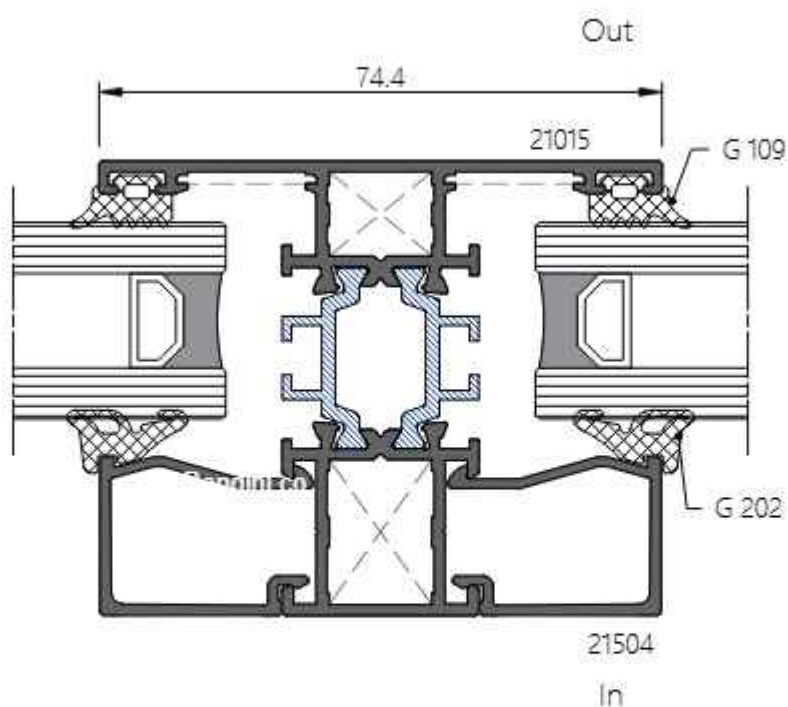
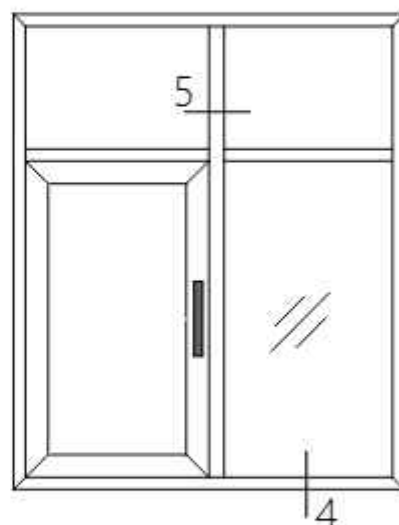
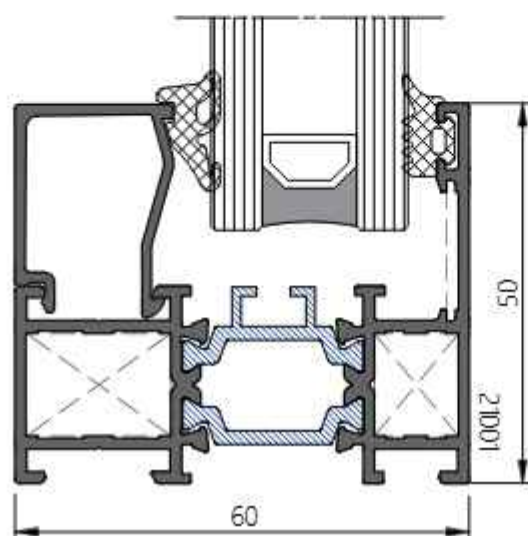


3

HATCH GUIDE : Aluminium PolyAmid PVC EPDM Sponge

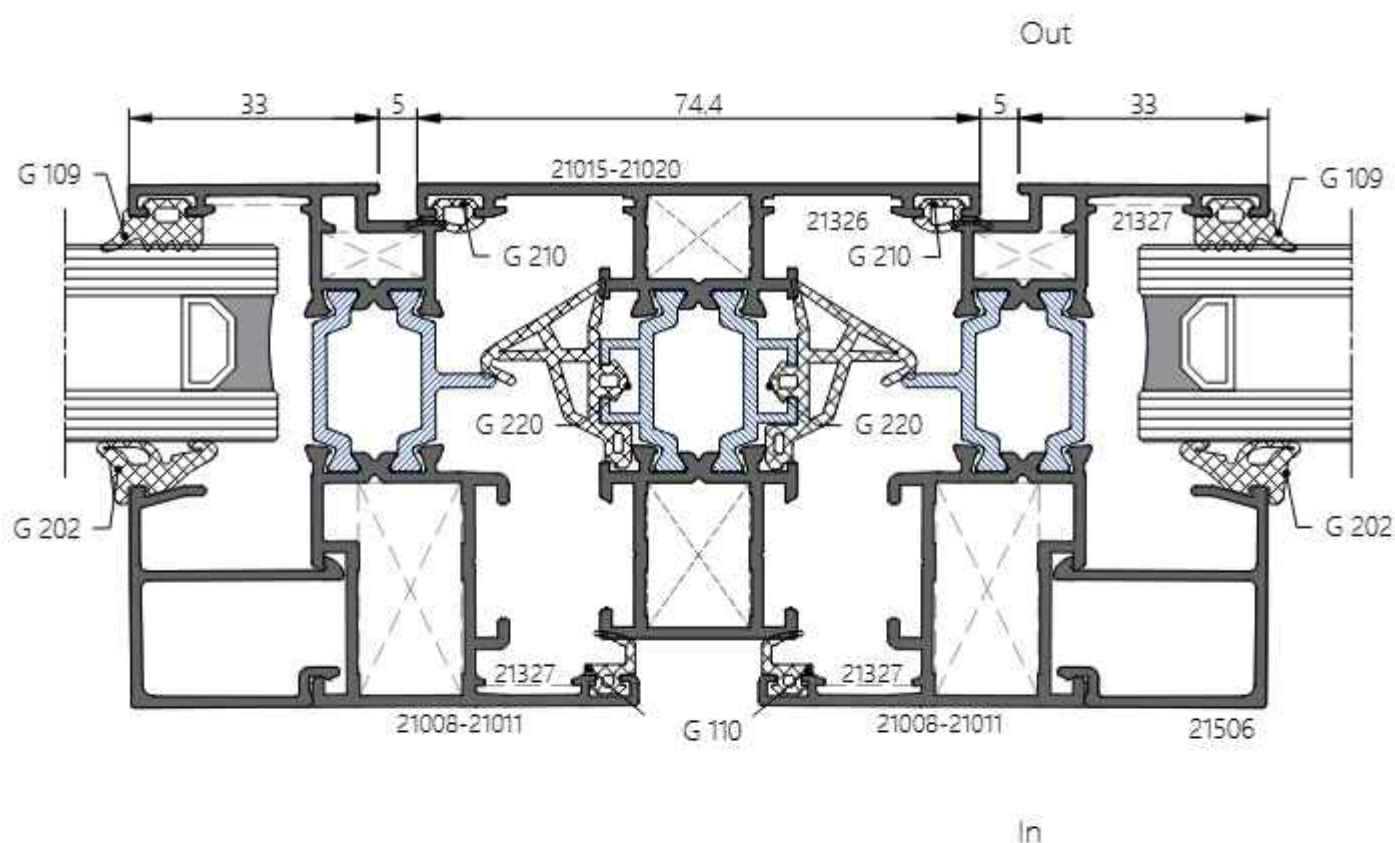
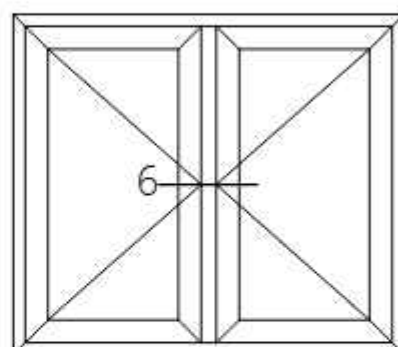
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4



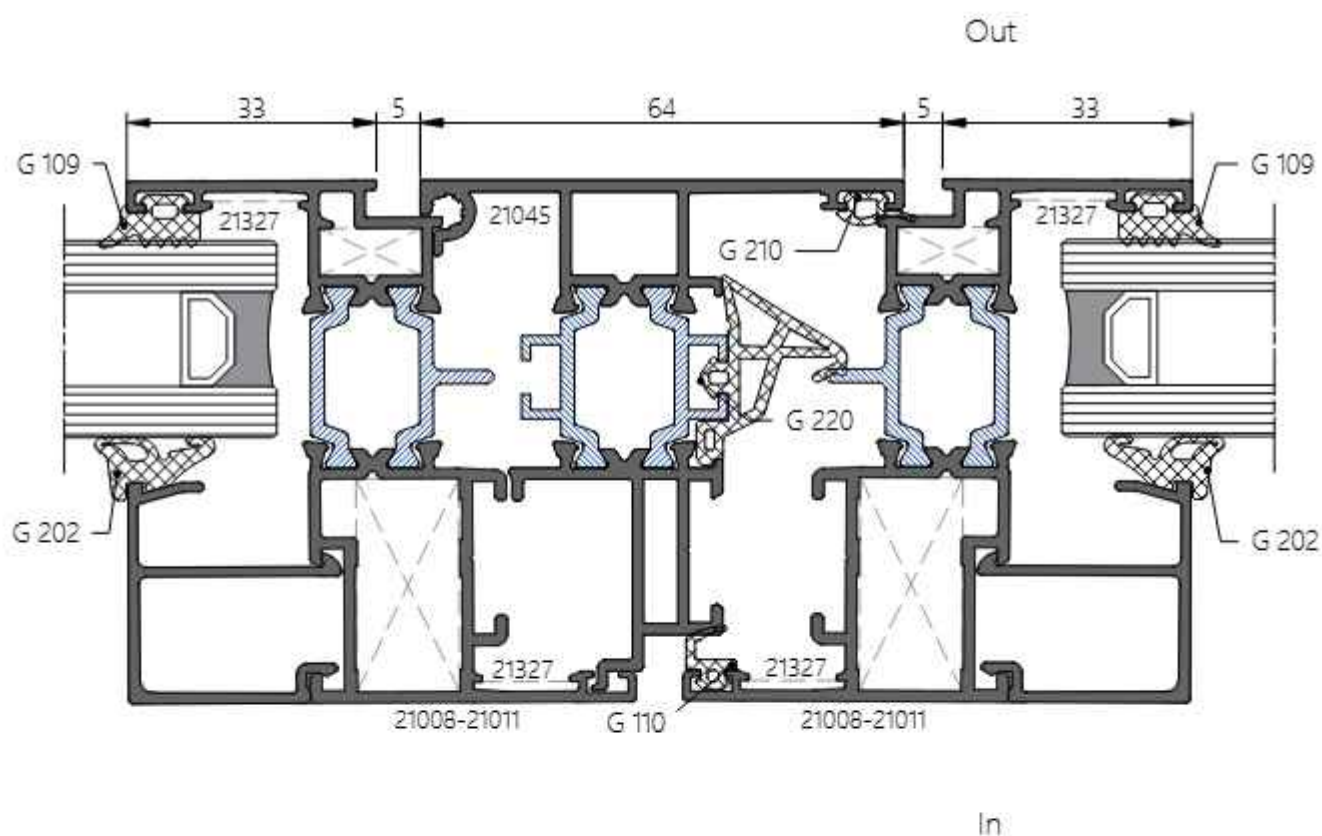
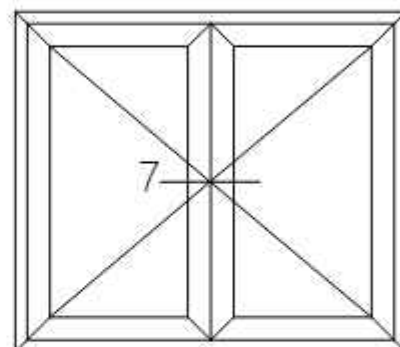
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HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge



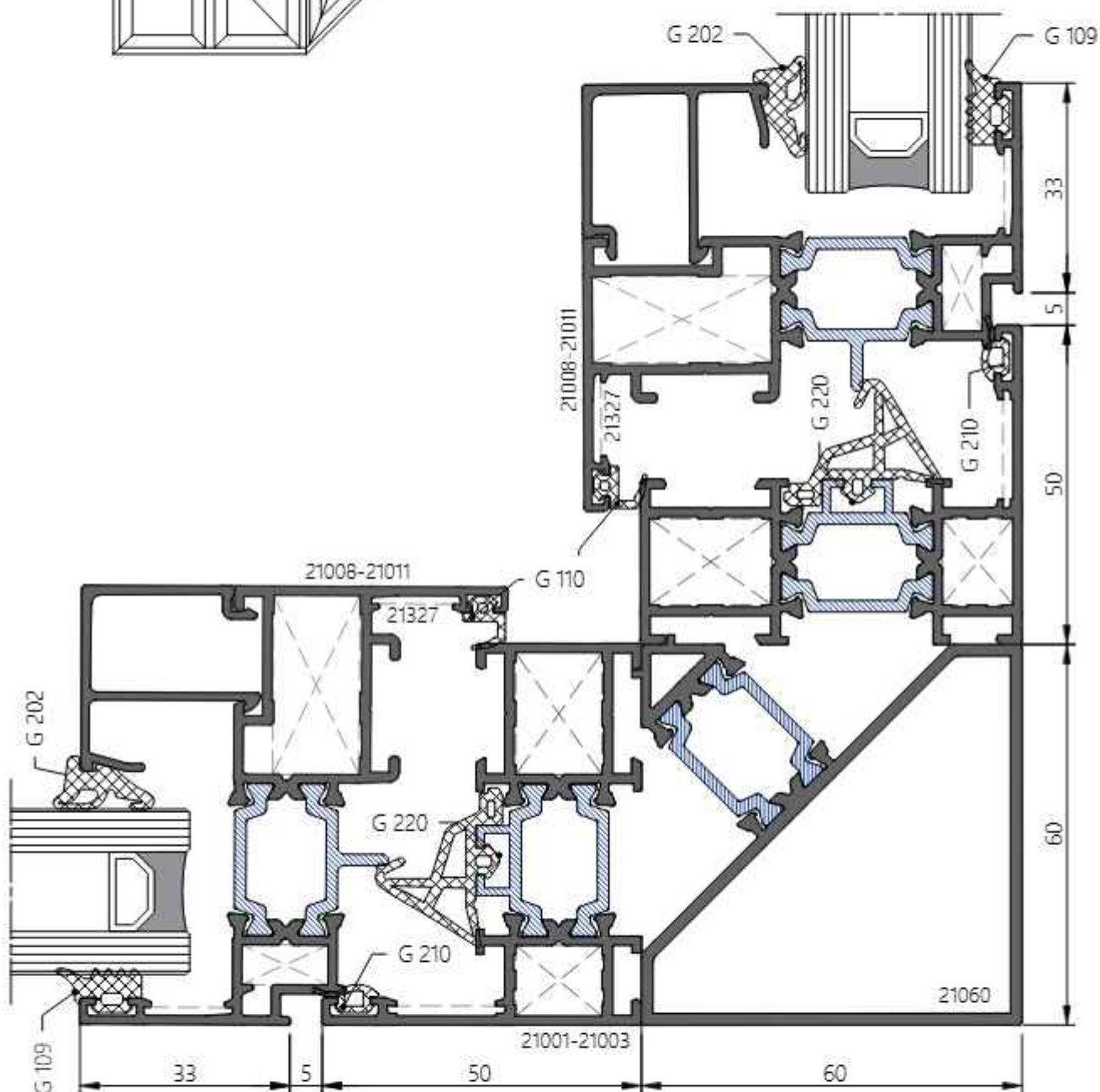
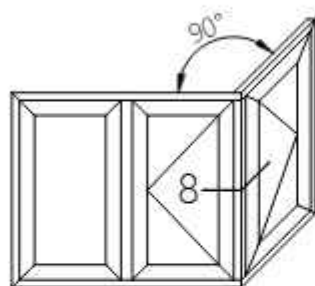
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HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge



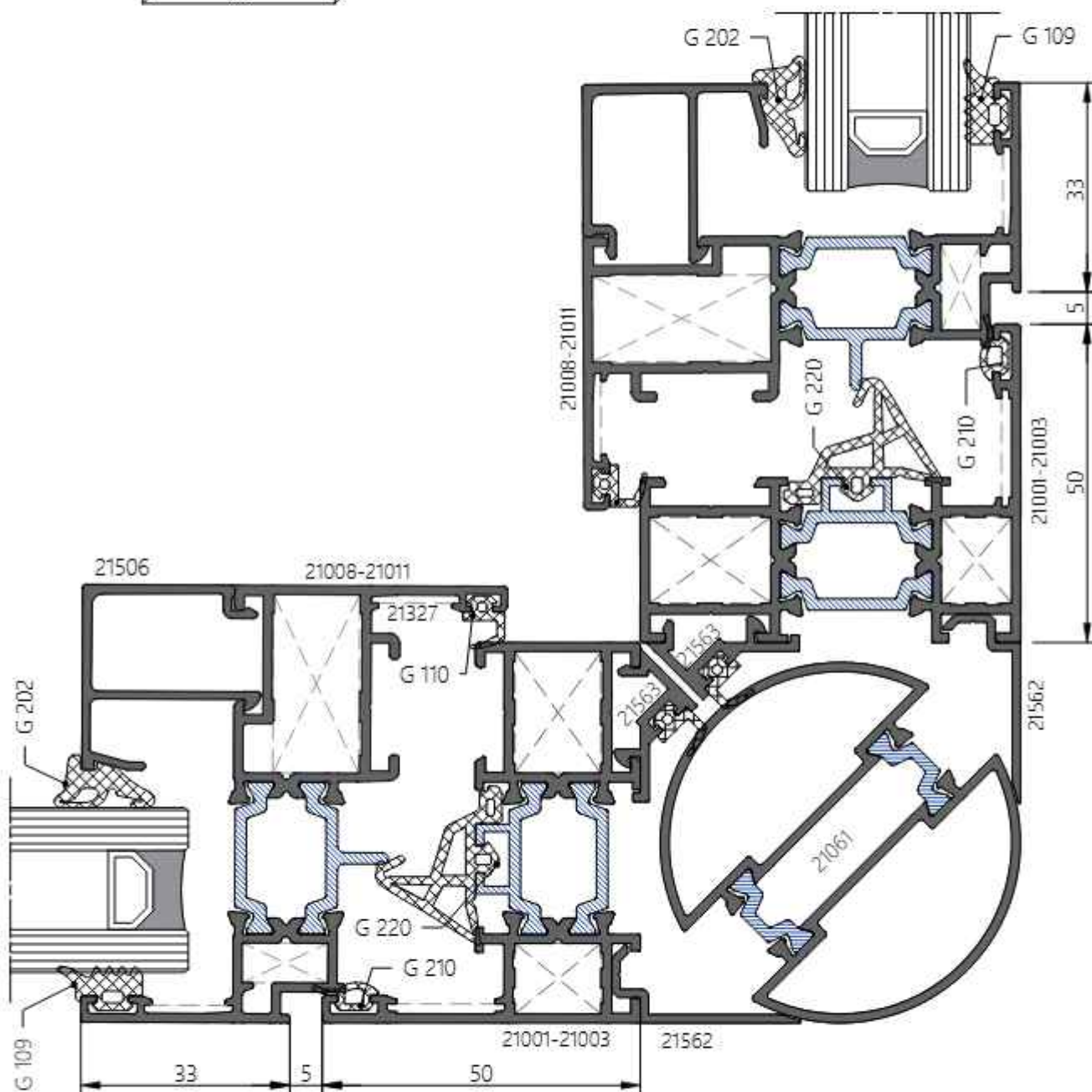
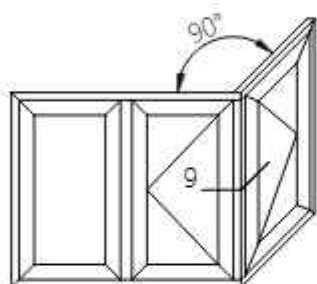
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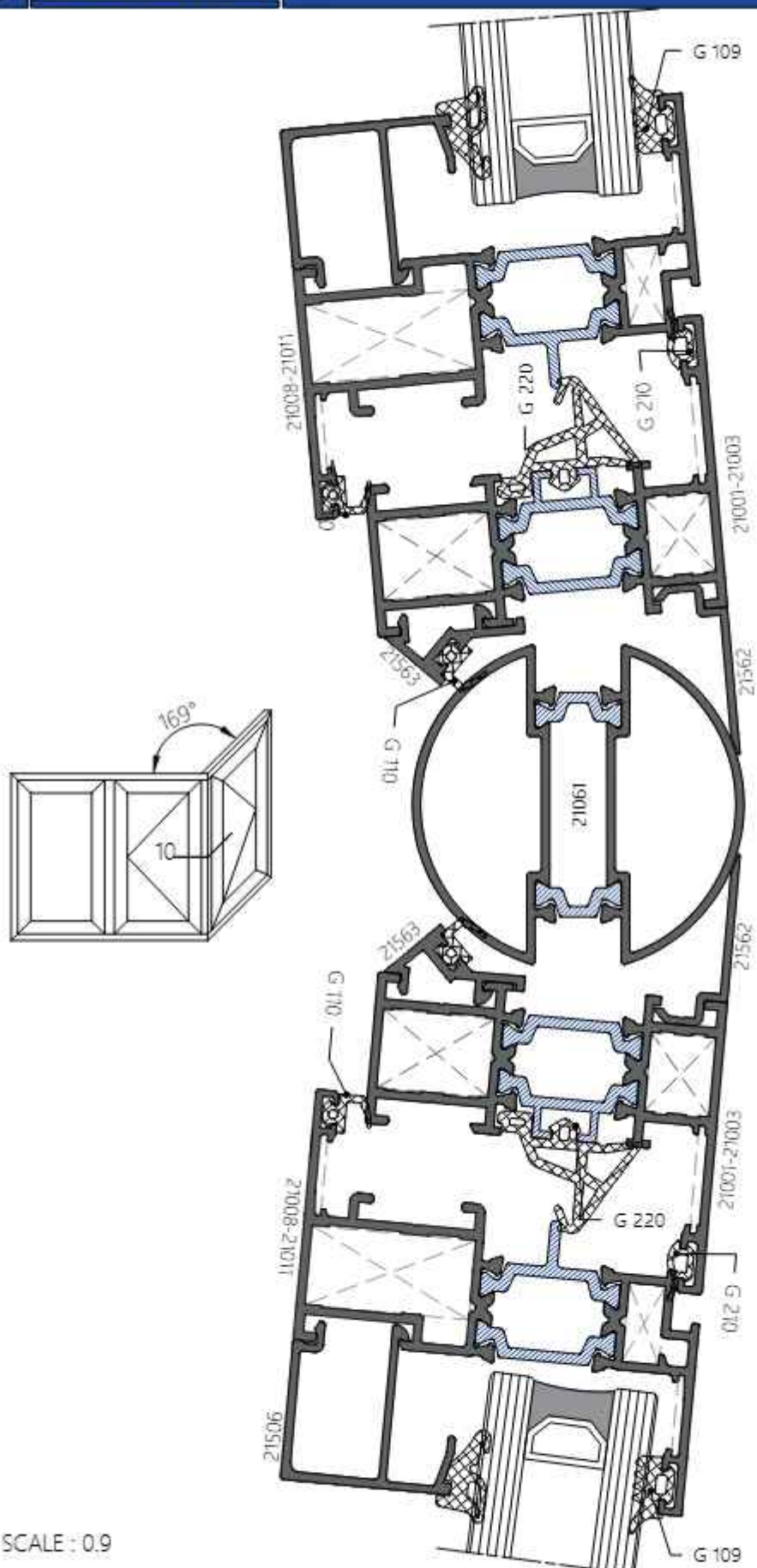
HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge



8

HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge





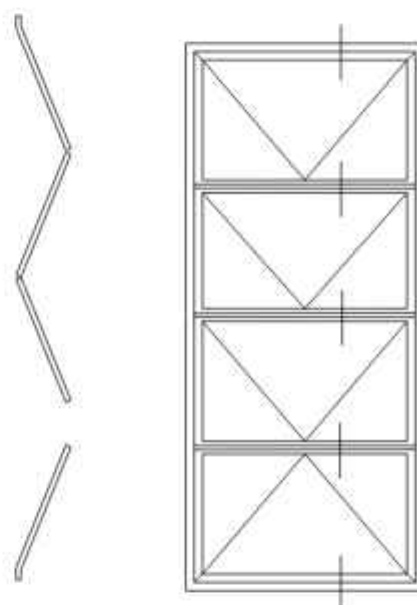
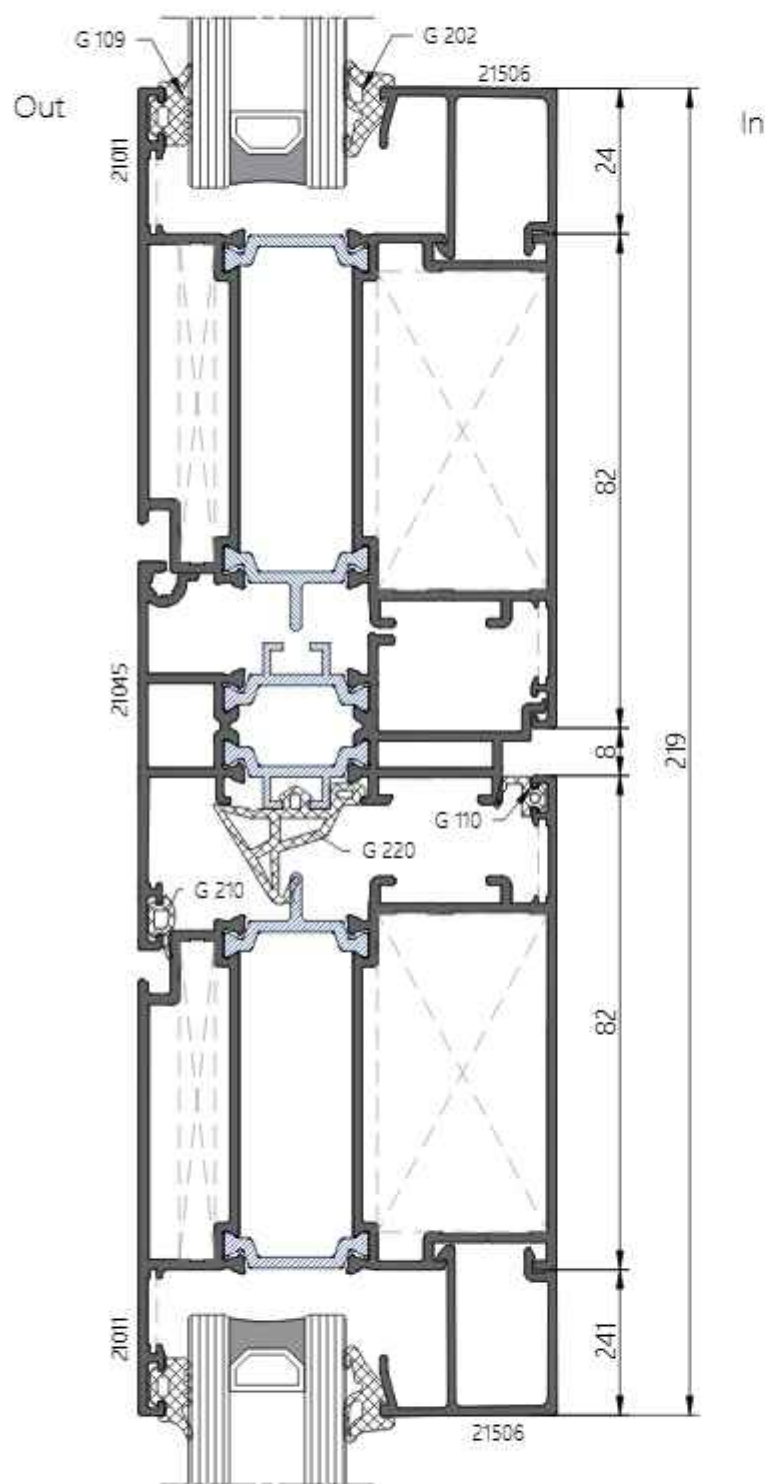
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10

HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge

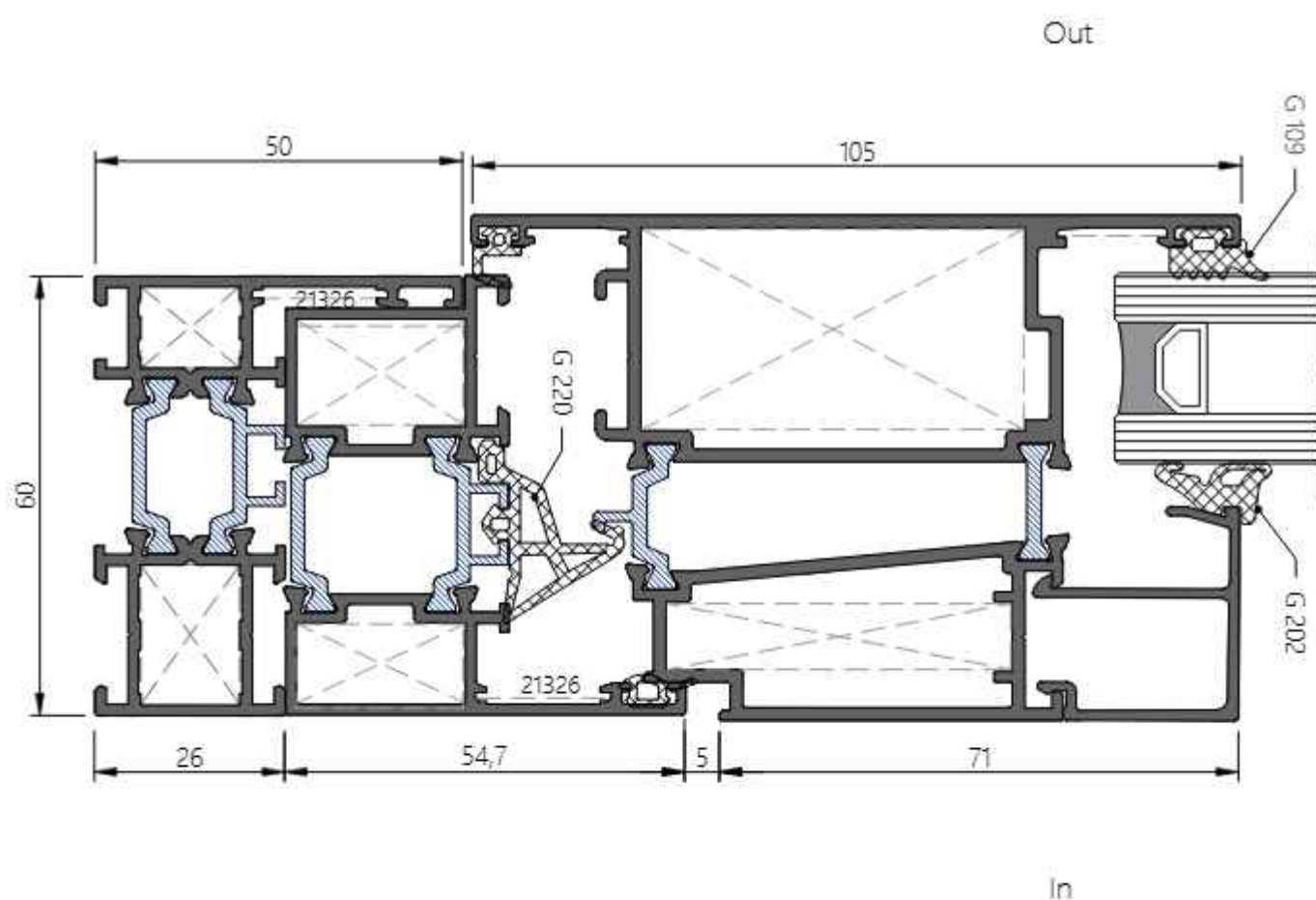
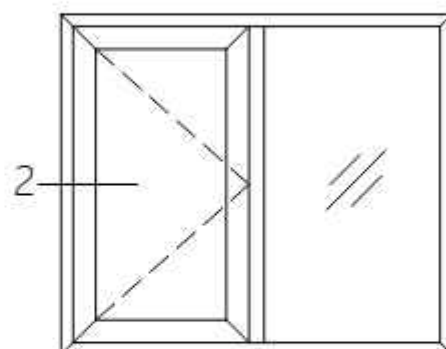
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Accordion System



HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge

OUT WARD

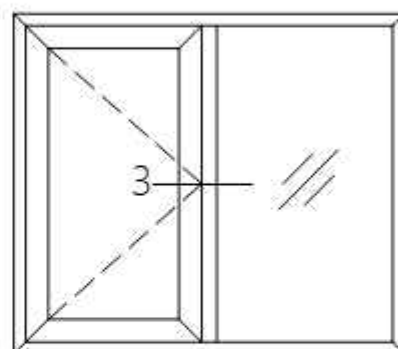
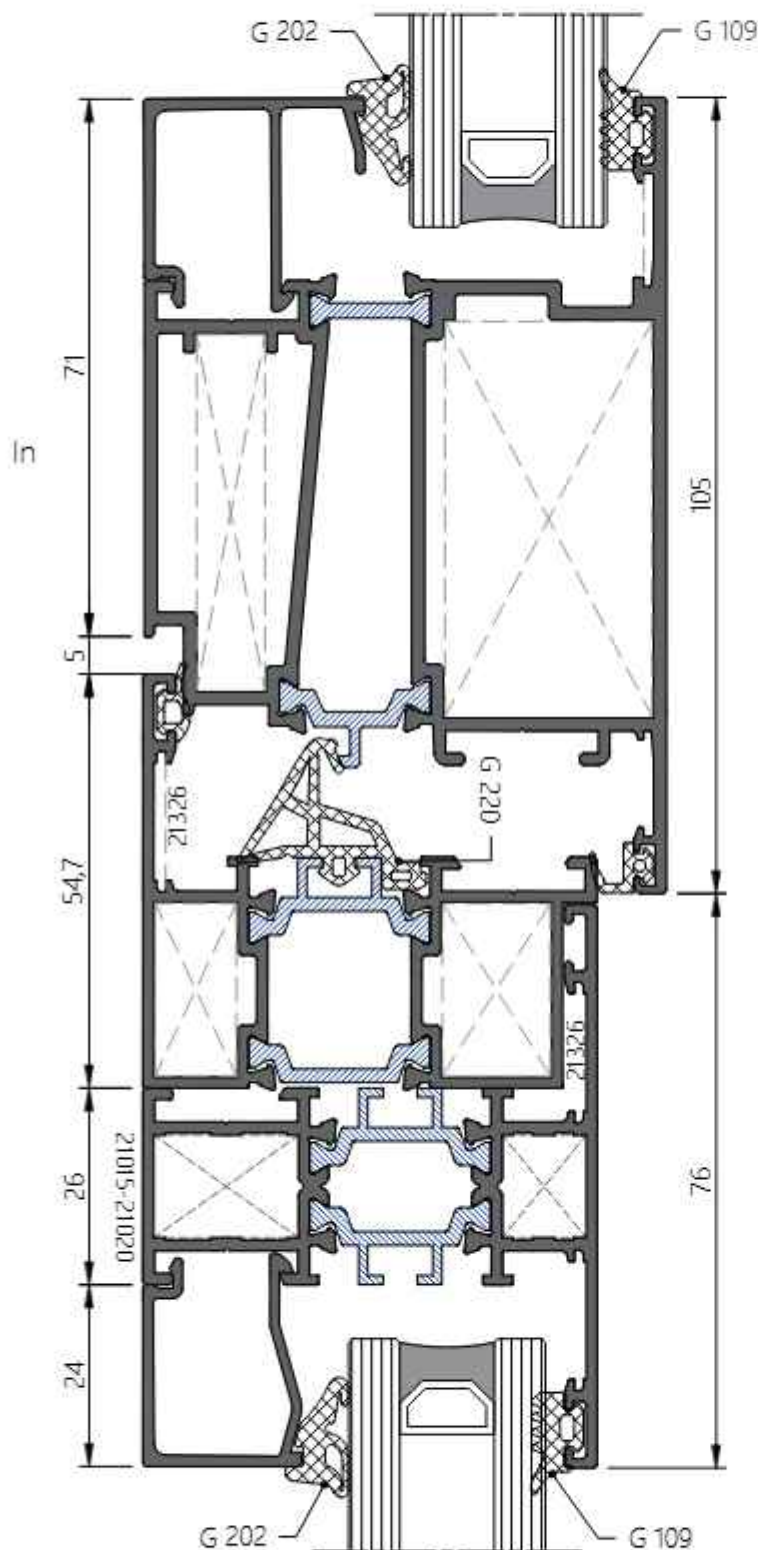


2

HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge

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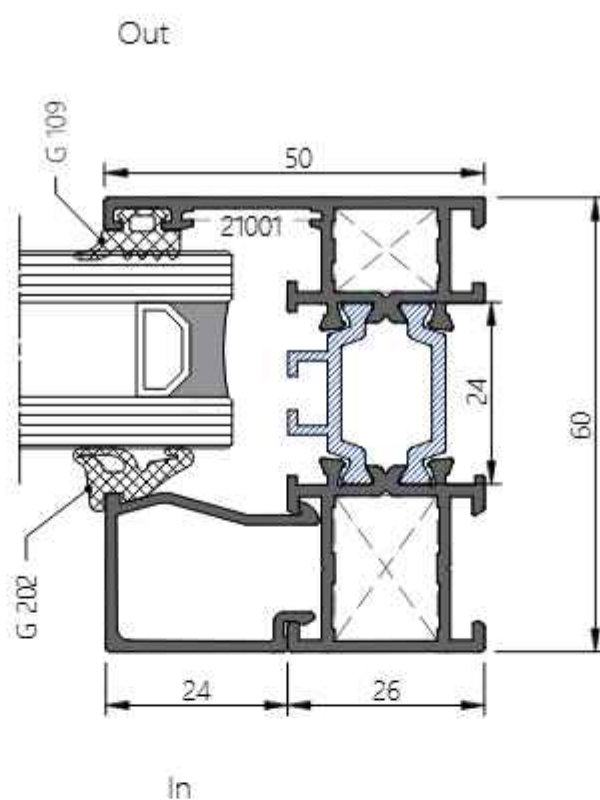
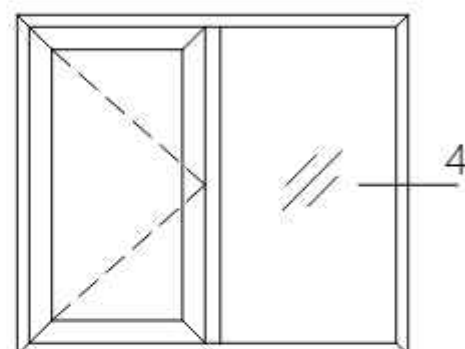
OUT WARD



Out

3

HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge



4

HATCH GUIDE : ● Aluminium

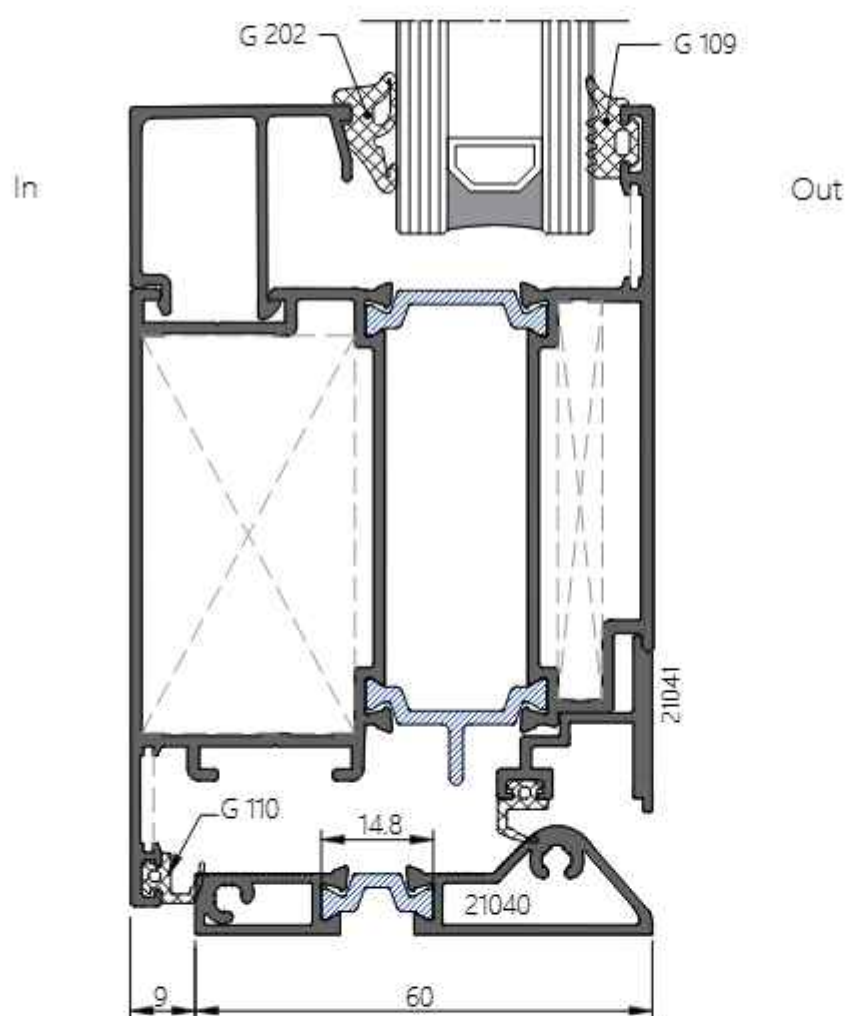
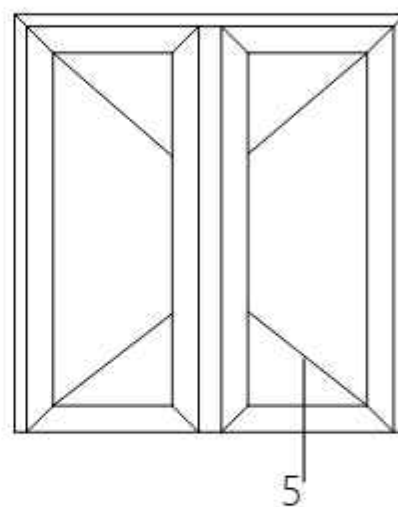
● PolyAmid

● PVC

● EPDM

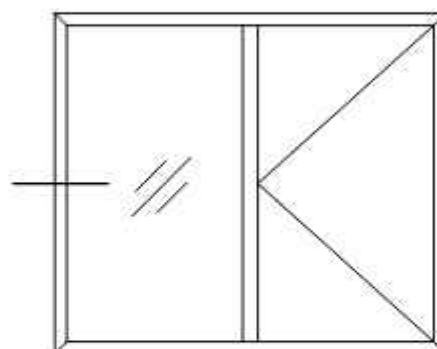
● Sponge

THRESHOLD

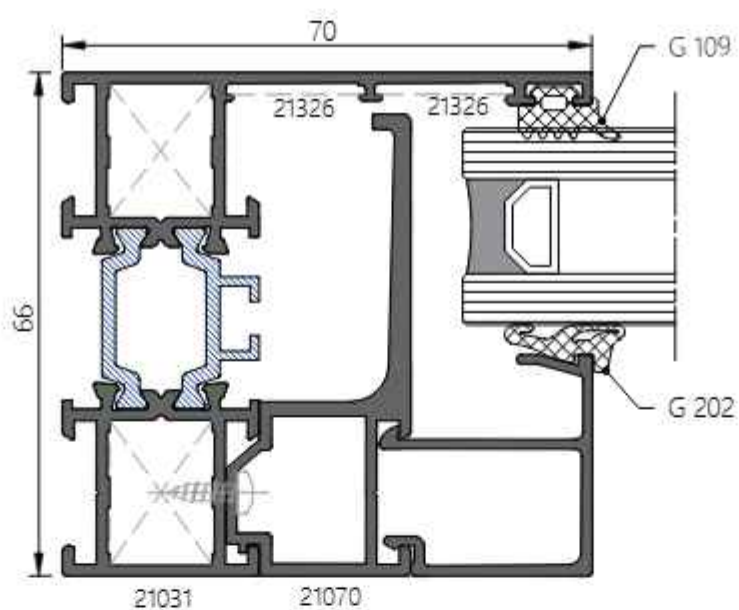


5

HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge



Out



In

HATCH GUIDE : ● Aluminium

● PolyAmid

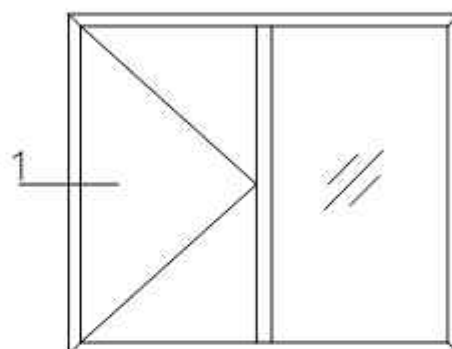
● PVC

● EPDM

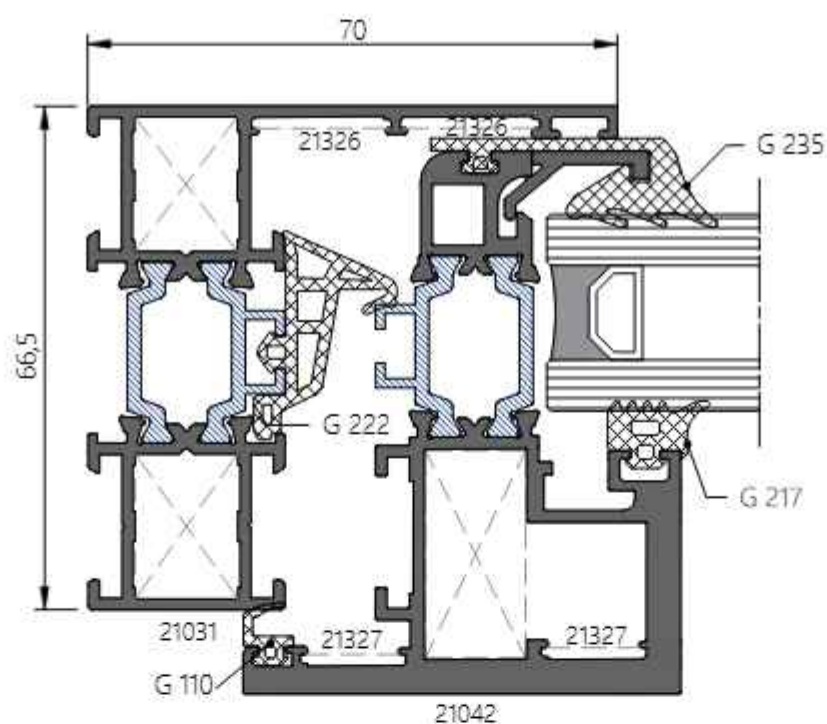
● Sponge

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HIDDEN VENT



Out

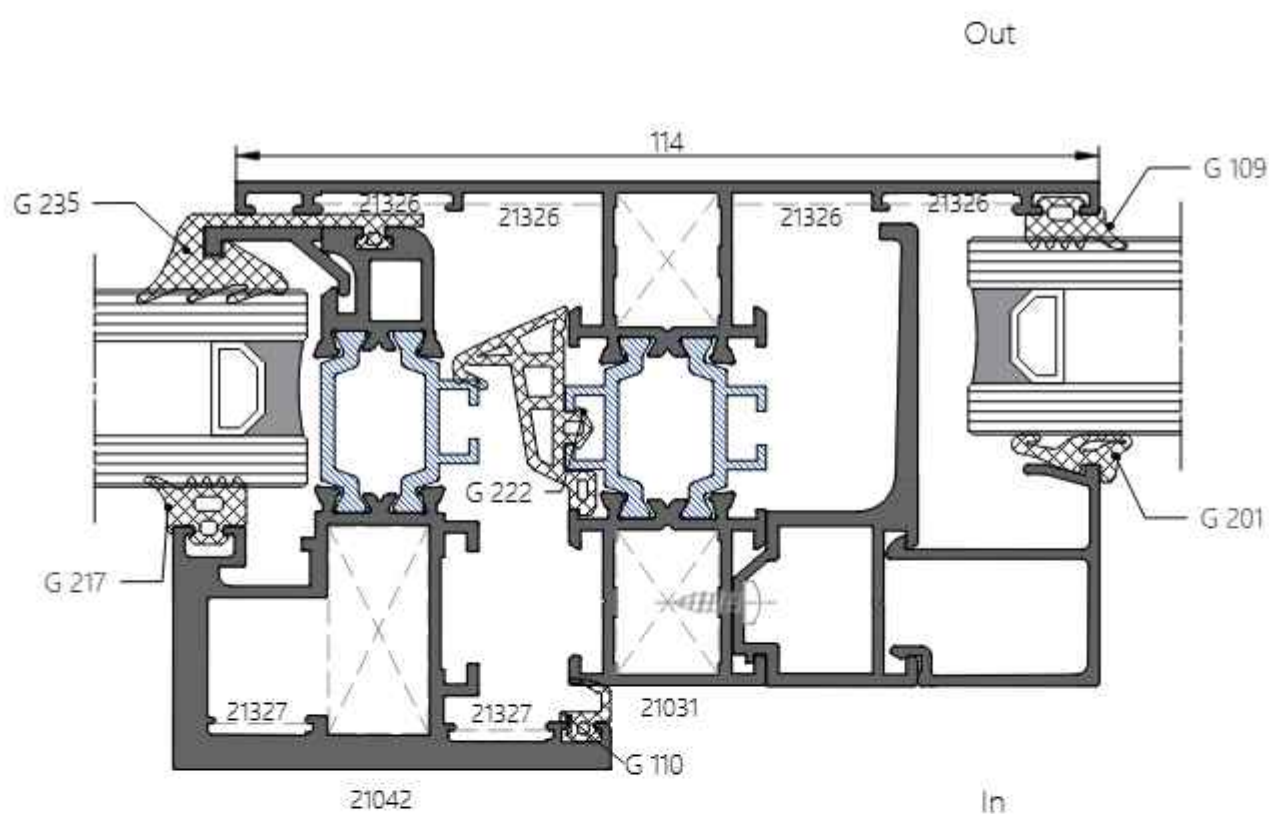
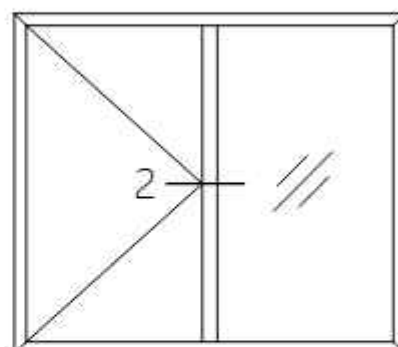


In

1

HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge

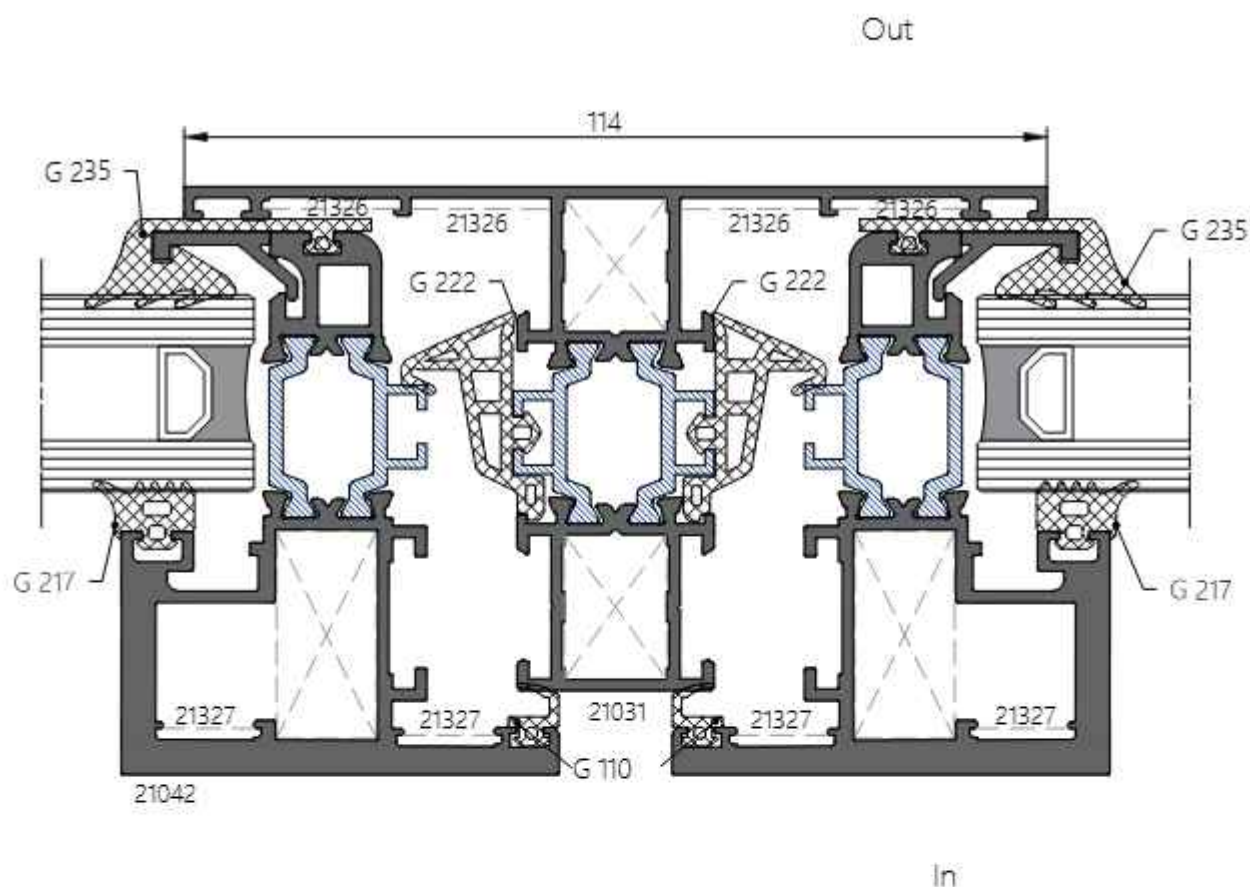
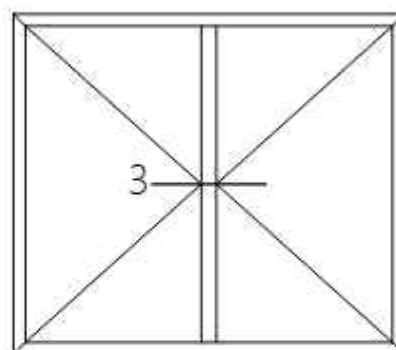
HIDDEN VENT



2

HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge

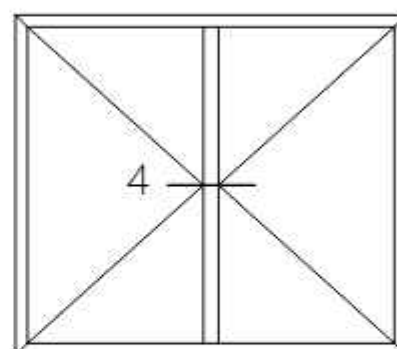
HIDDEN VENT



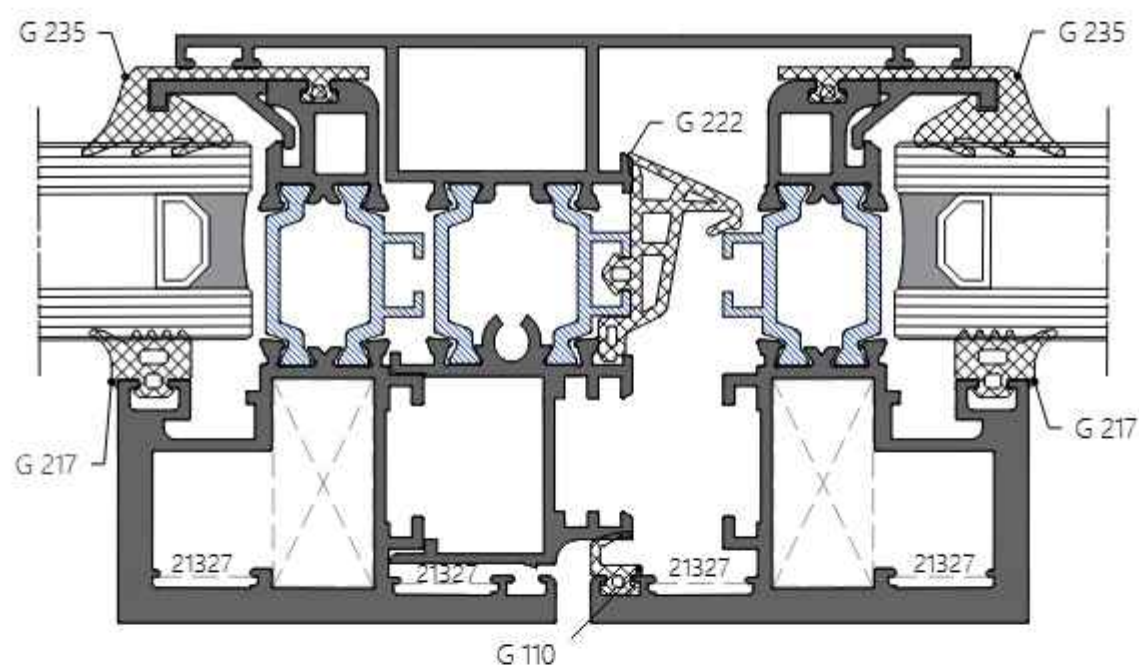
3

HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge

HIDDEN VENT



Out

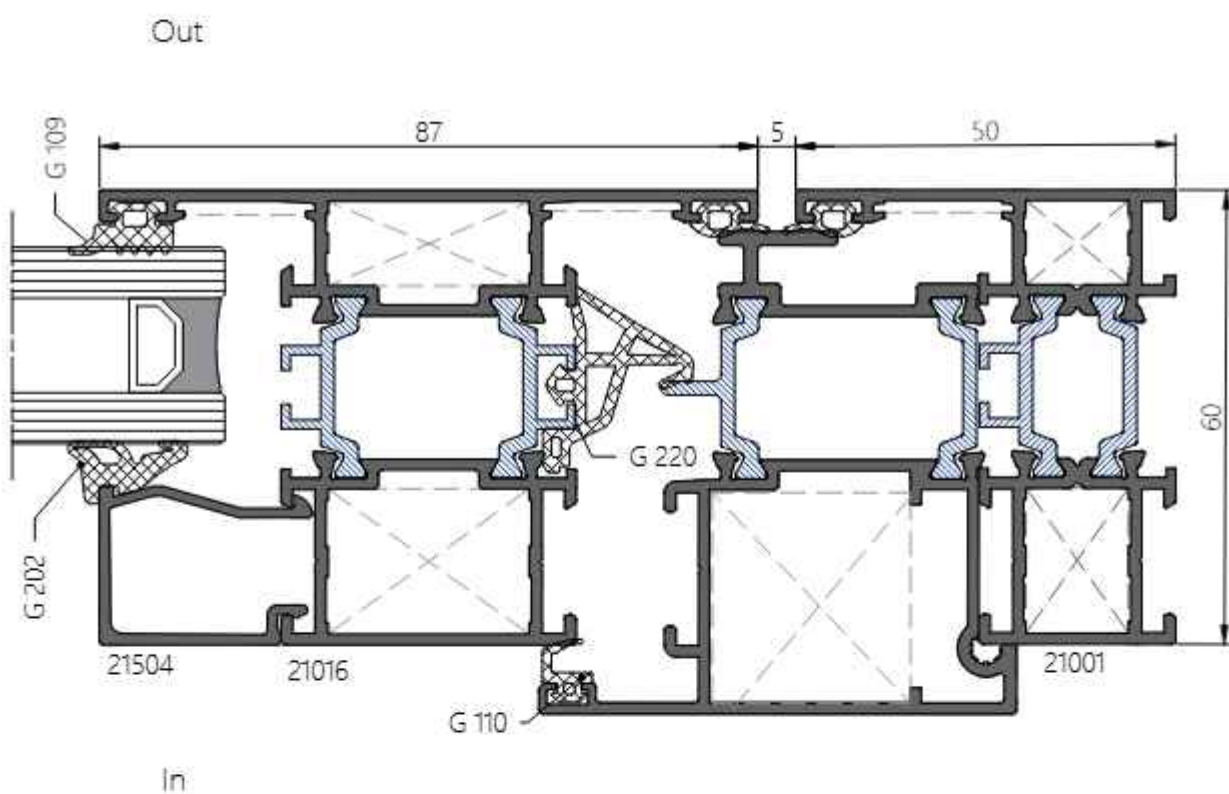
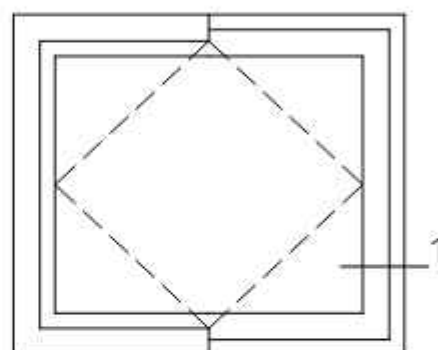


In

4

HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge

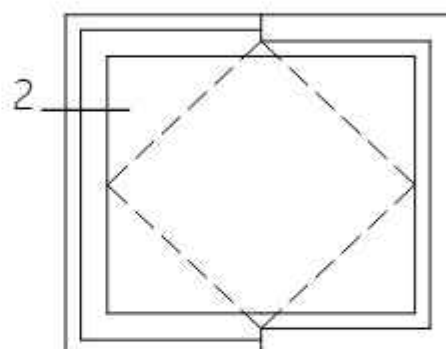
P VOTE



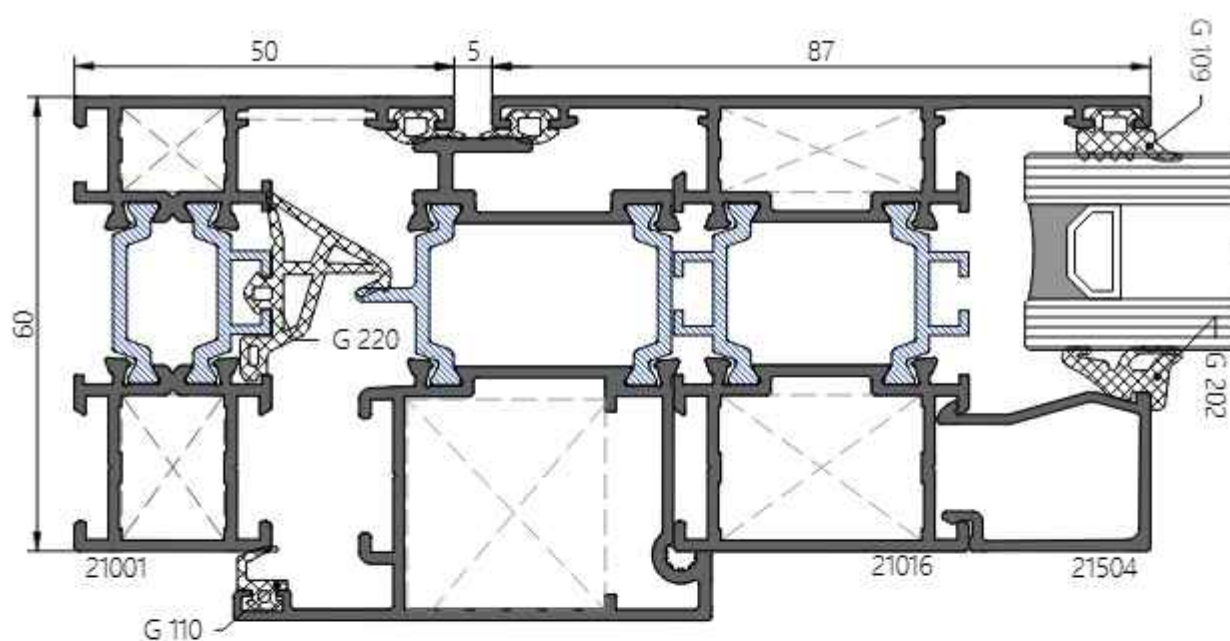
1

HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge

P VOTE



Out



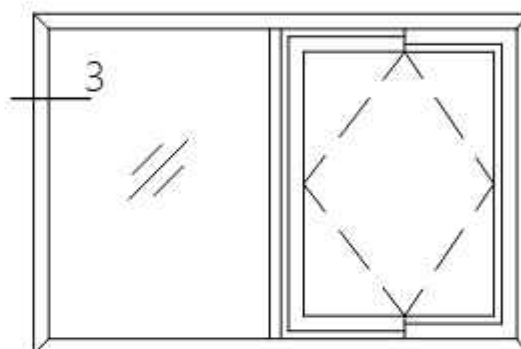
In

2

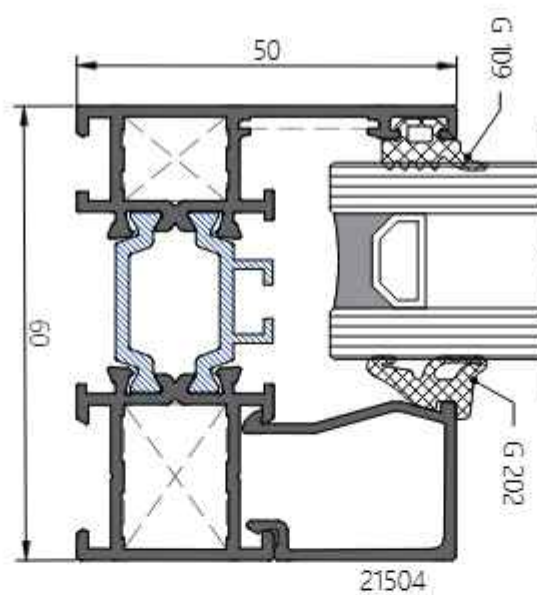
HATCH GUIDE :  Aluminium  PolyAmid  PVC  EPDM  Sponge

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P VOTE



Out



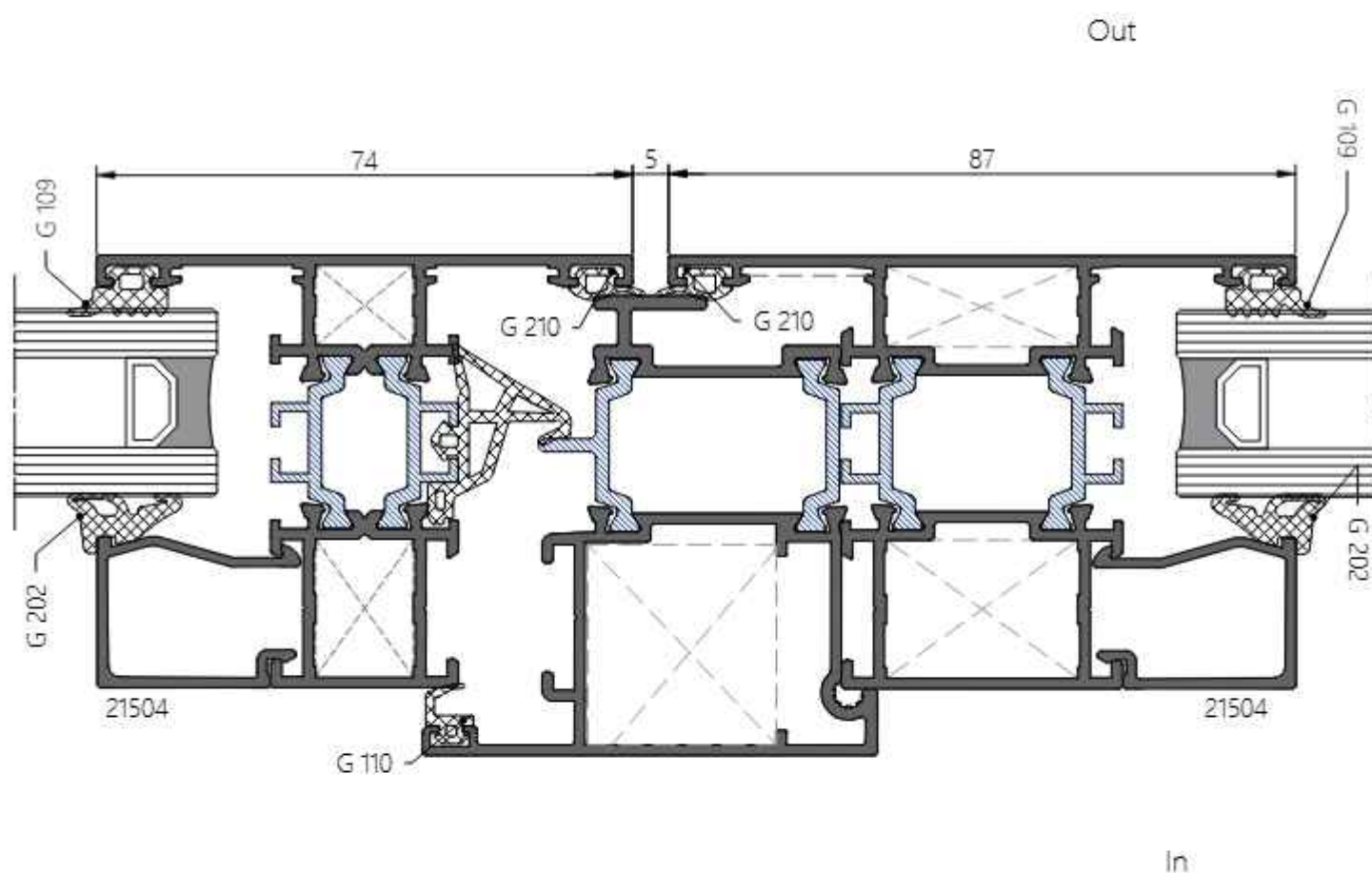
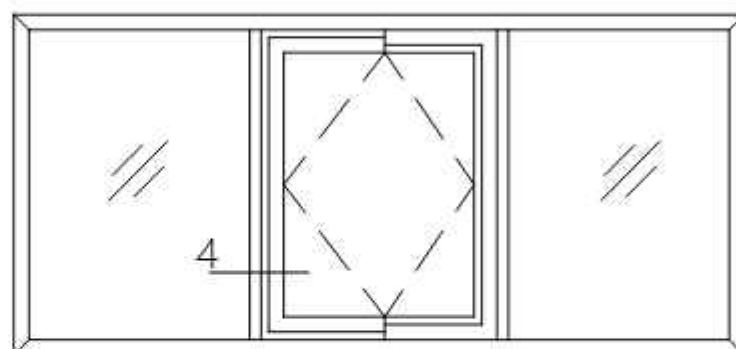
In

3

HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge

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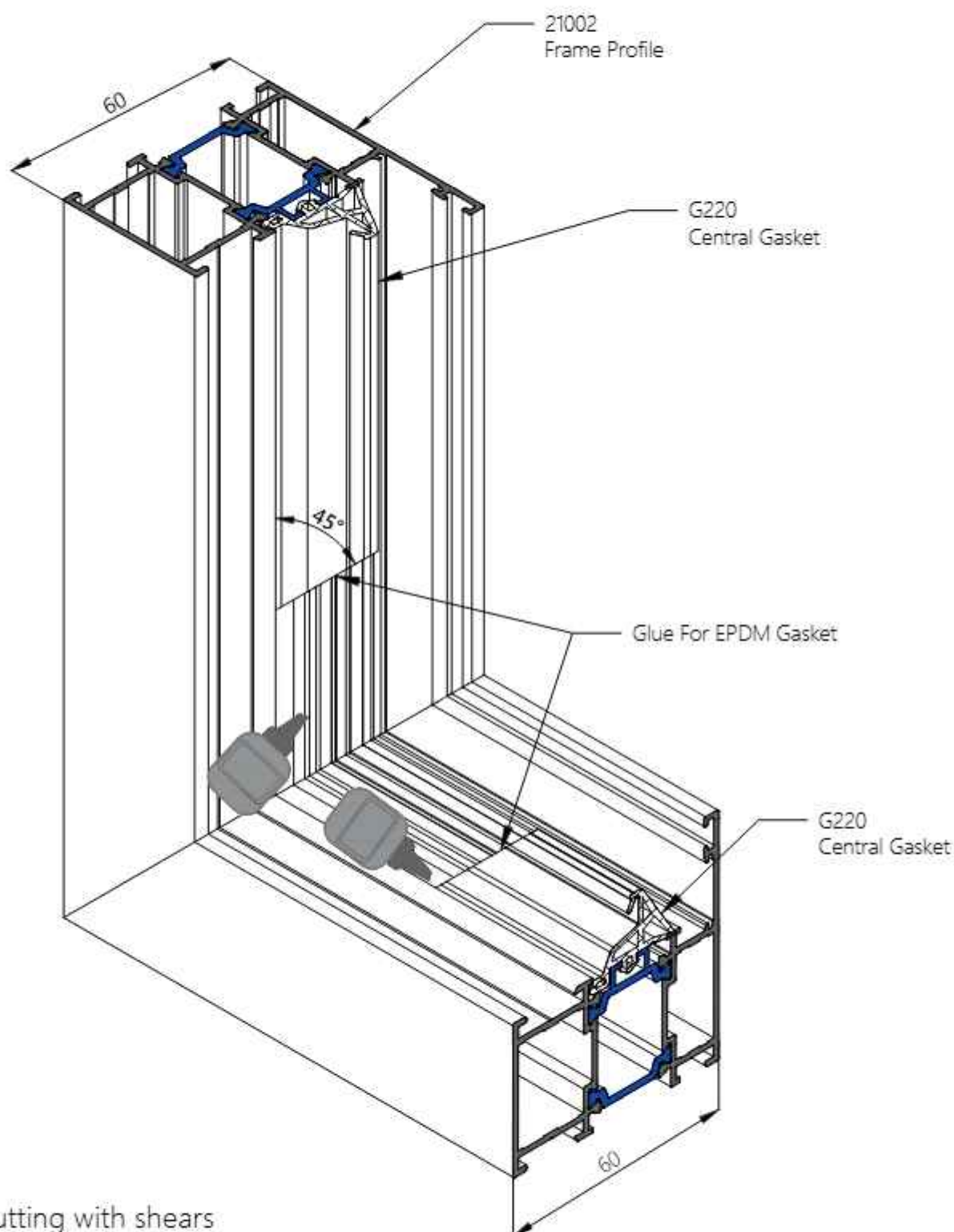
P VOTE



4

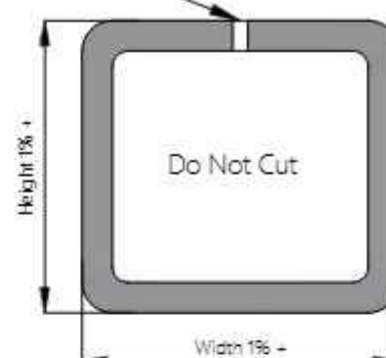
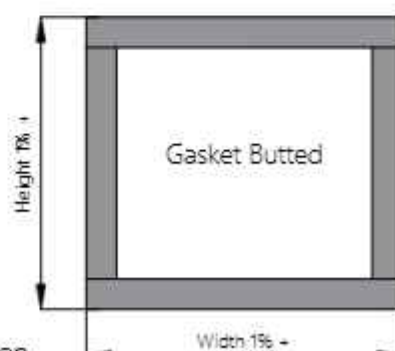
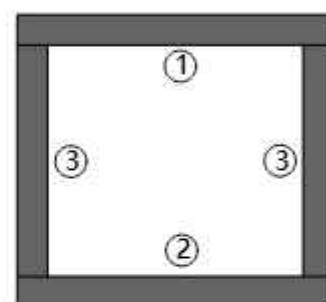
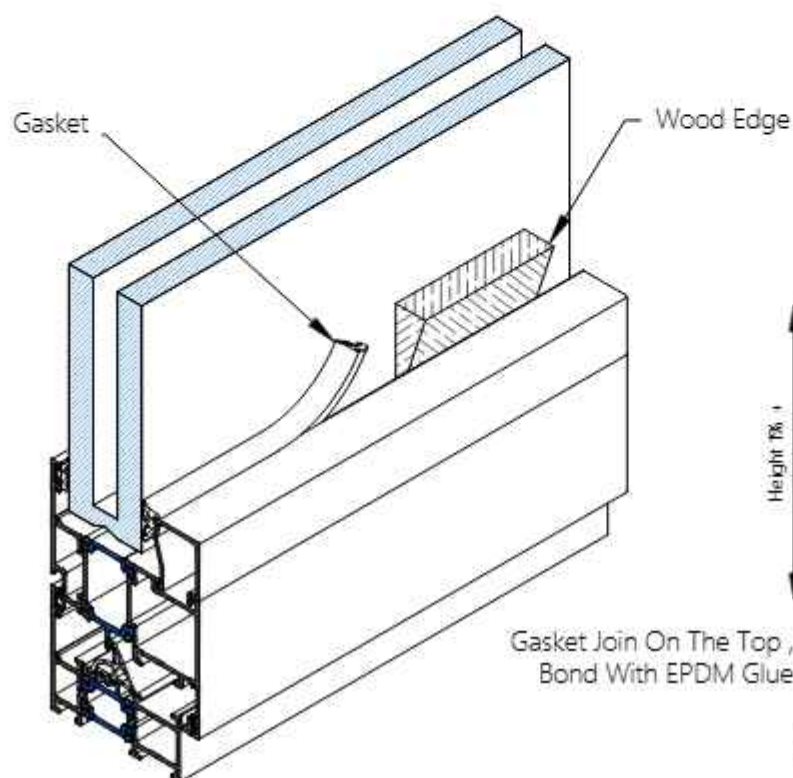
HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge

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- .1 Correct cutting with shears
- .2 Necessary overhanging : $\pm 10\text{mm/m}$
- .3 Applying central gasket and compressing overhanging
- .4 Gluing miters by means of glue for corner connections

Glazing Bead Assembly Sequence

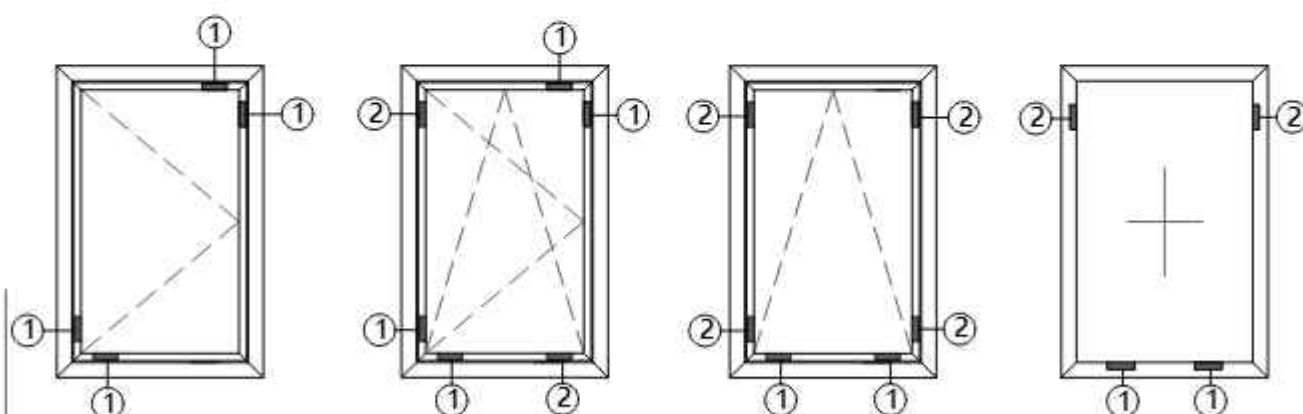


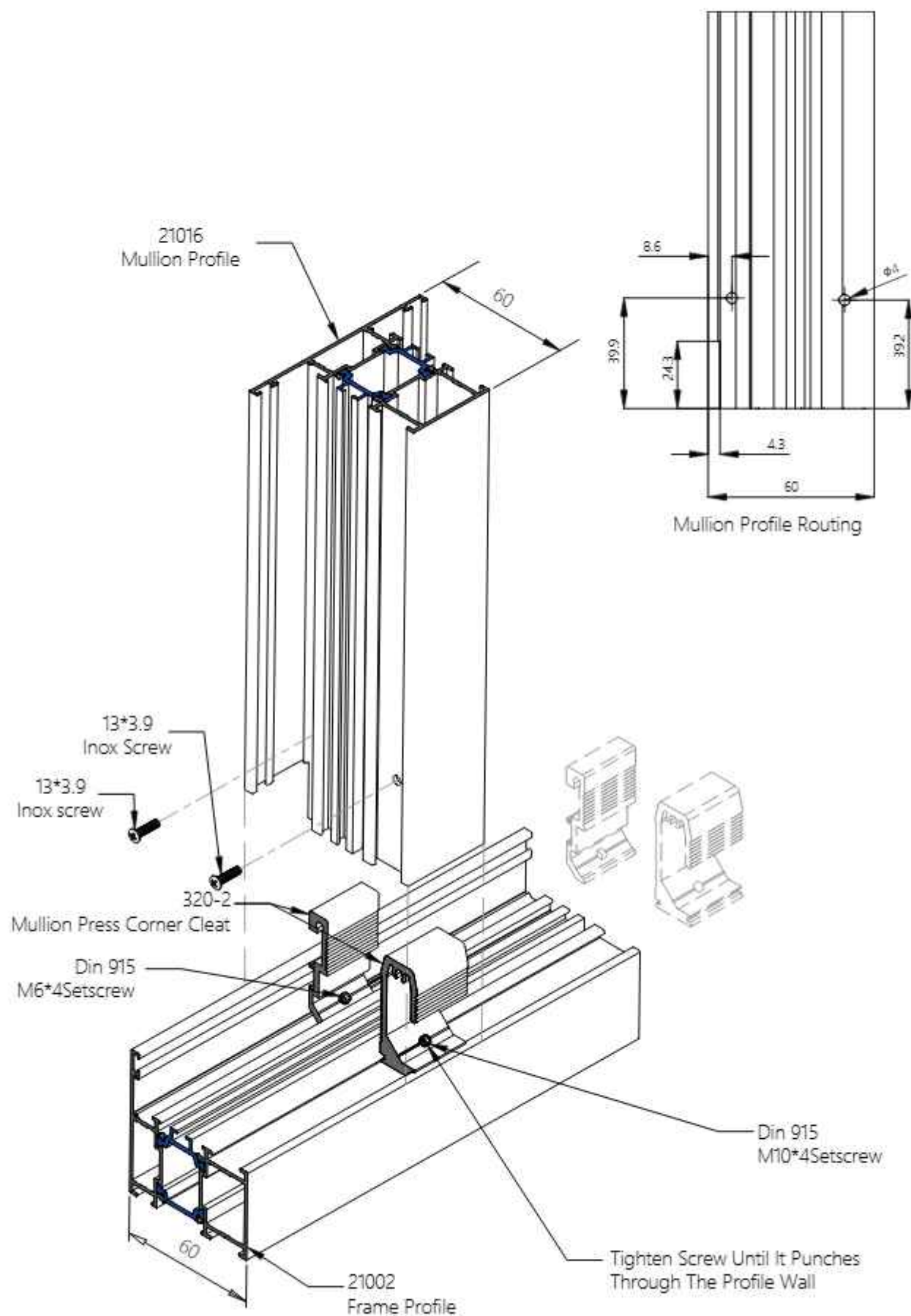
The Pane Must Be Shimmed In The Sash So That The Sash Operates Without Adjustment Of The Hardware.

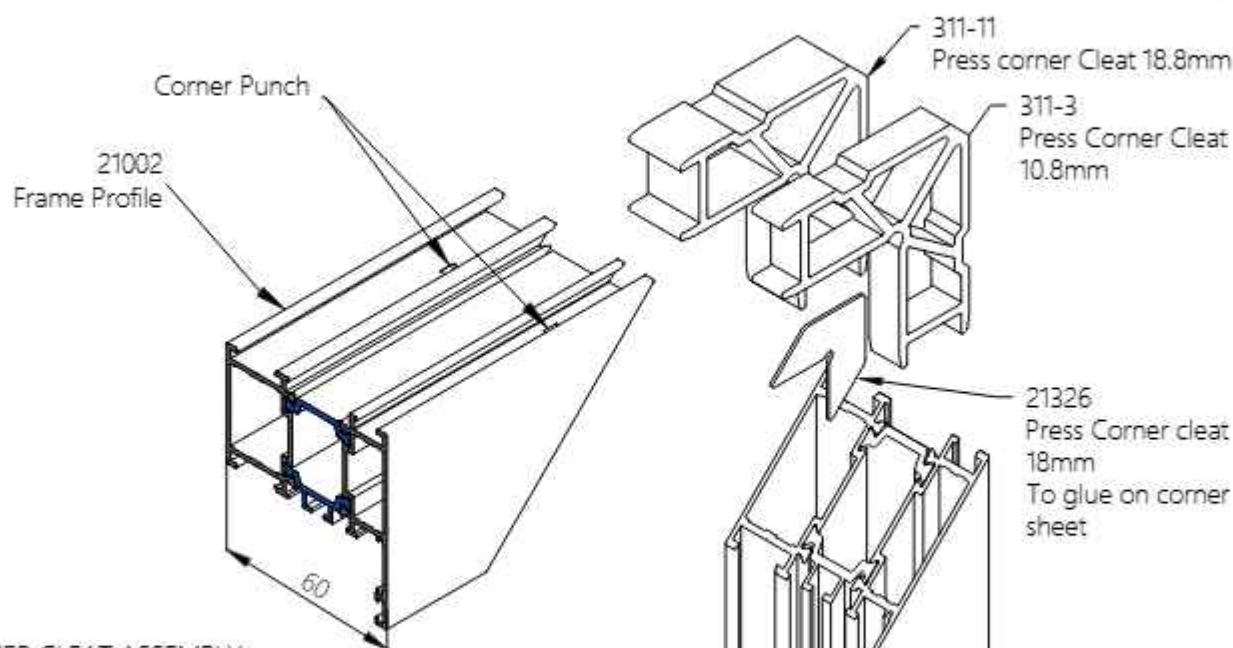
SHIMMING INSTRUCTIONS

① SUPPORTING SHIM

② Distance shim

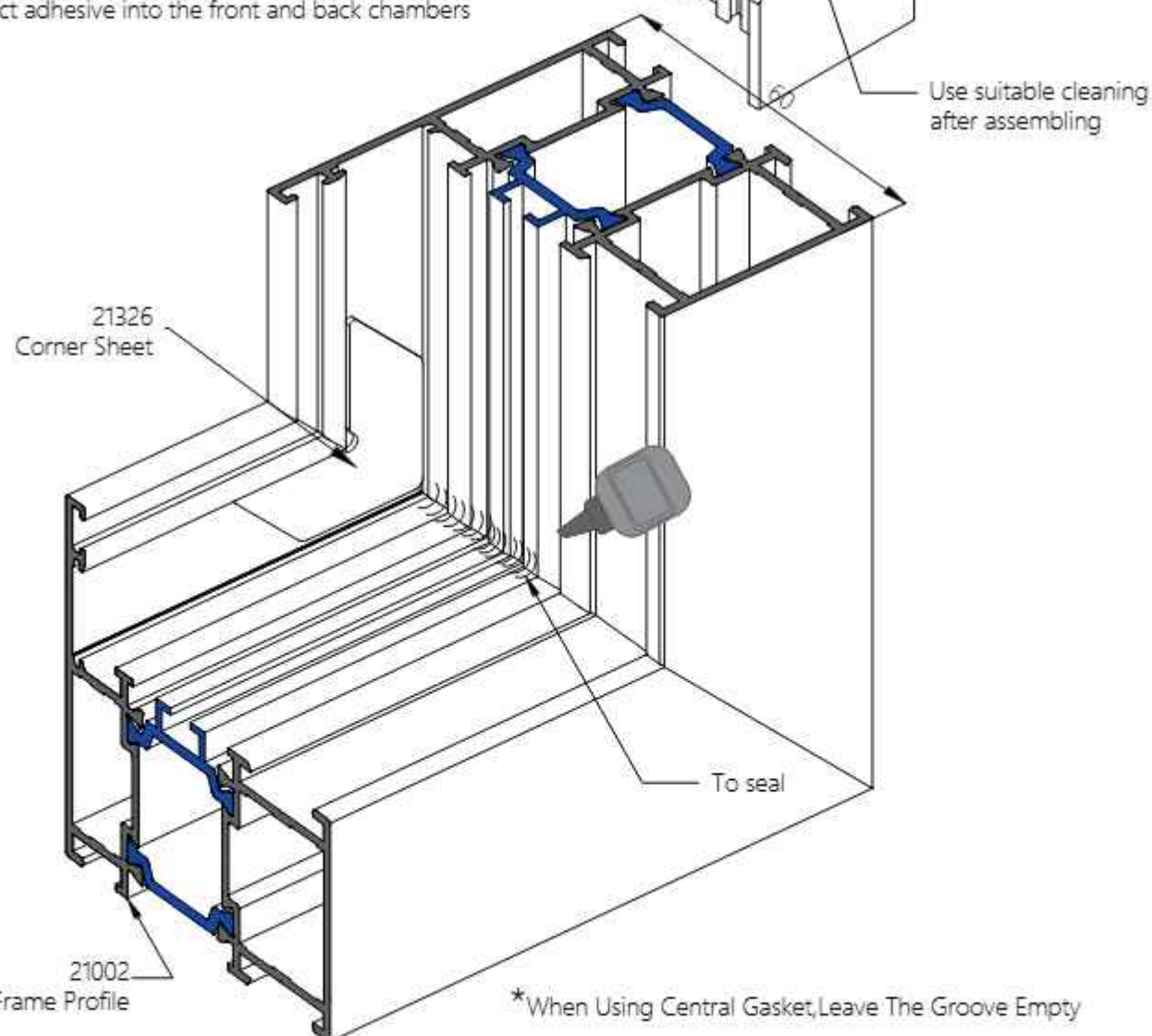




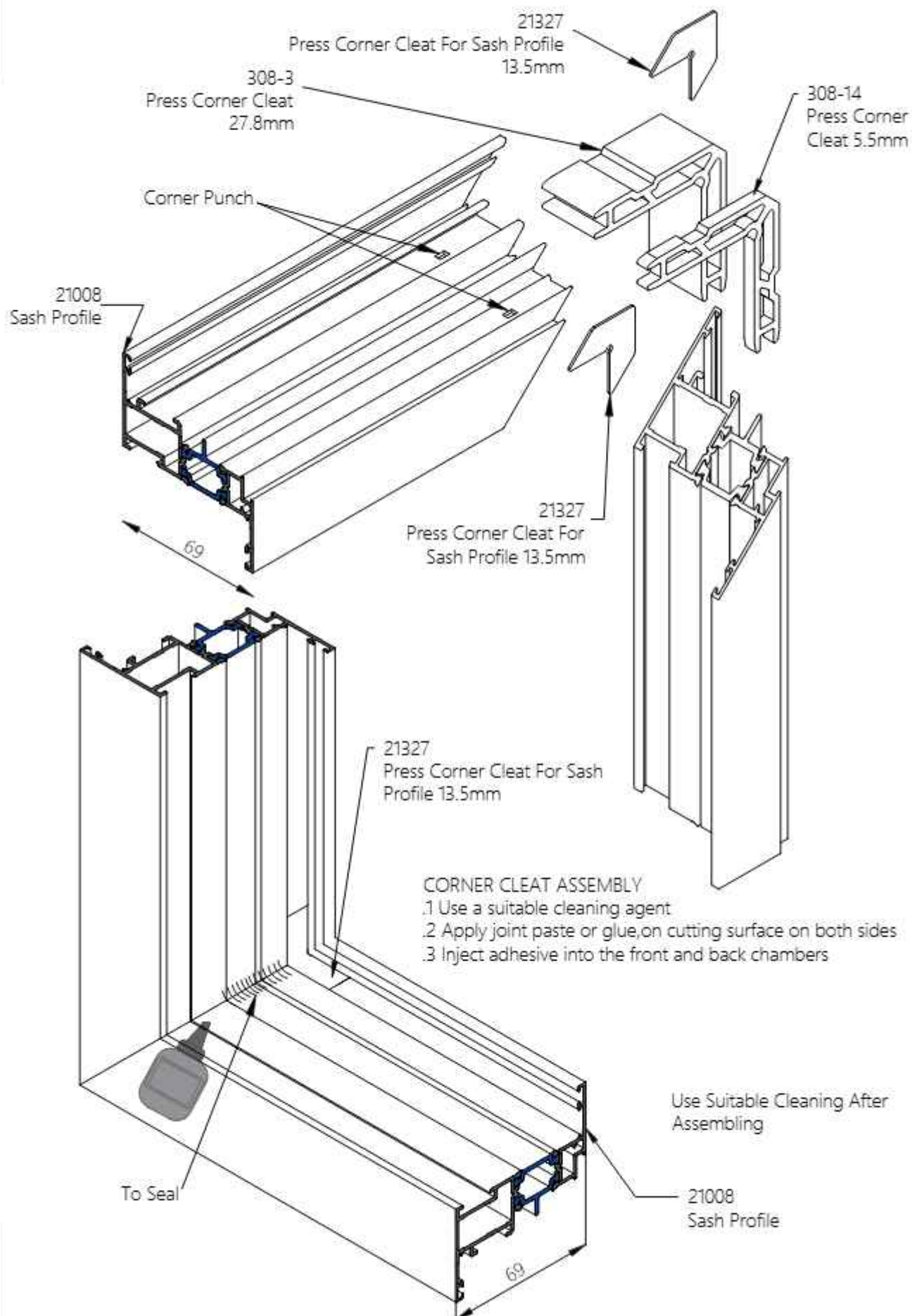


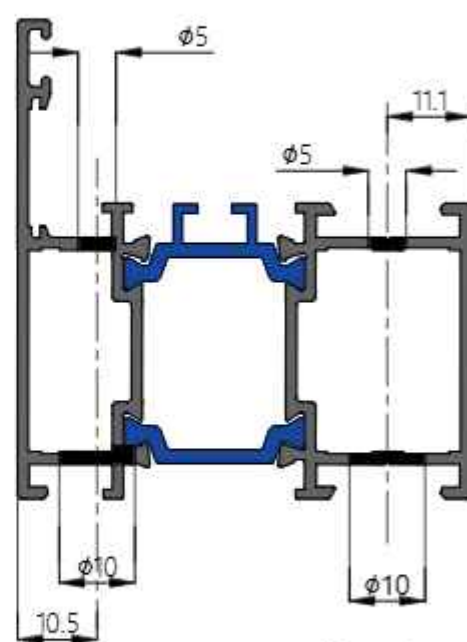
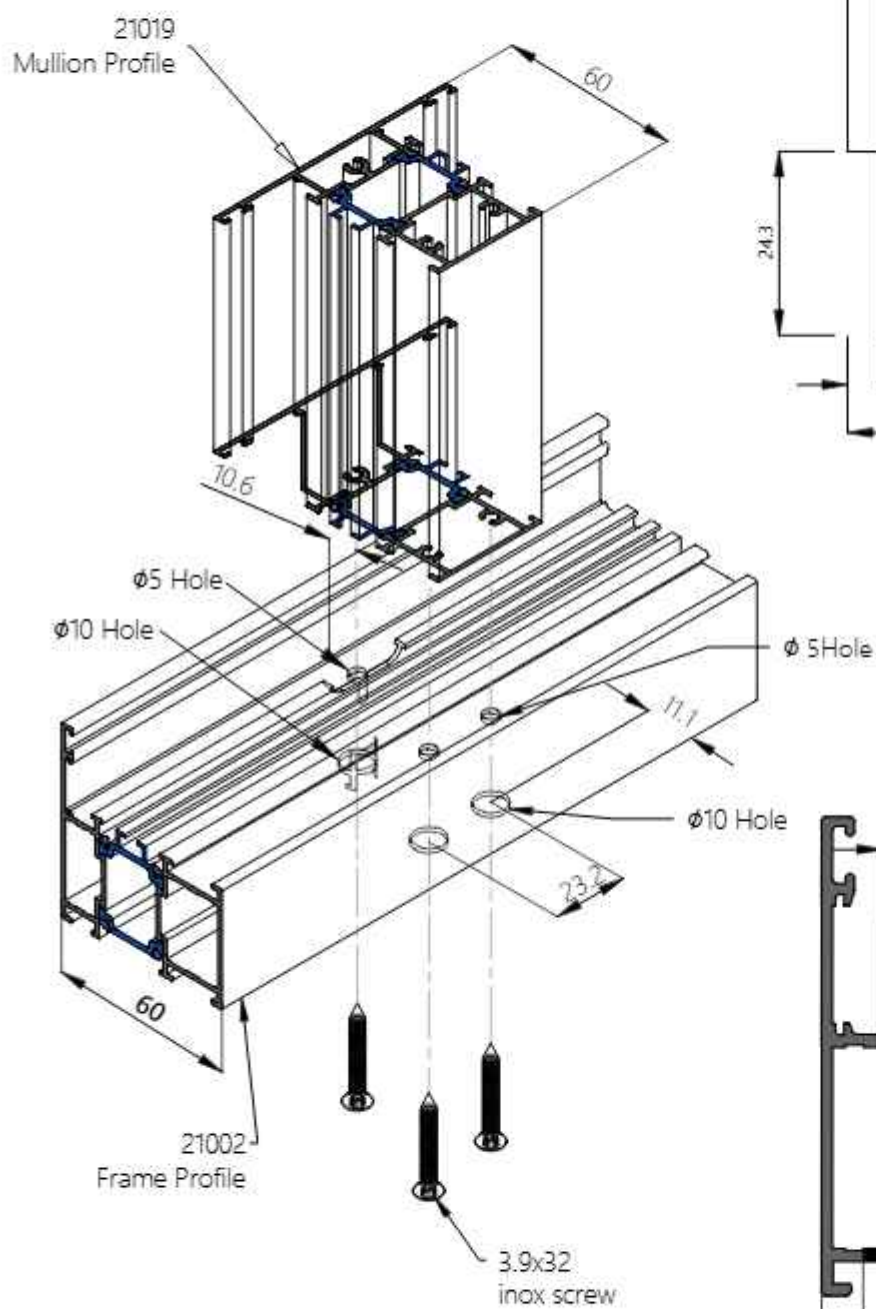
CORNER CLEAT ASSEMBLY

- 1 Use a suitable cleaning agent
- 2 Apply joint paste or glue , on cutting surface on both sides
- 3 Inject adhesive into the front and back chambers

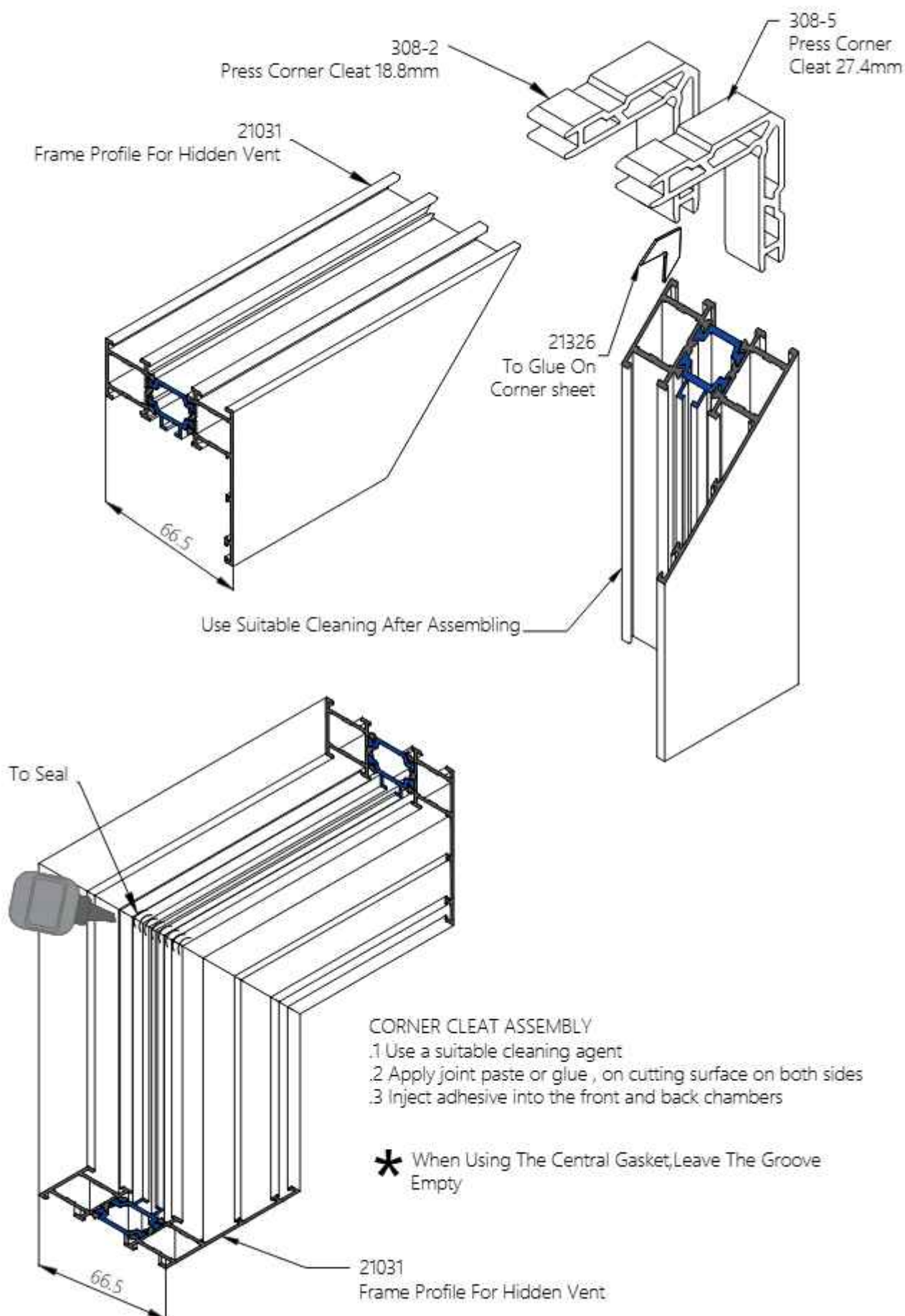


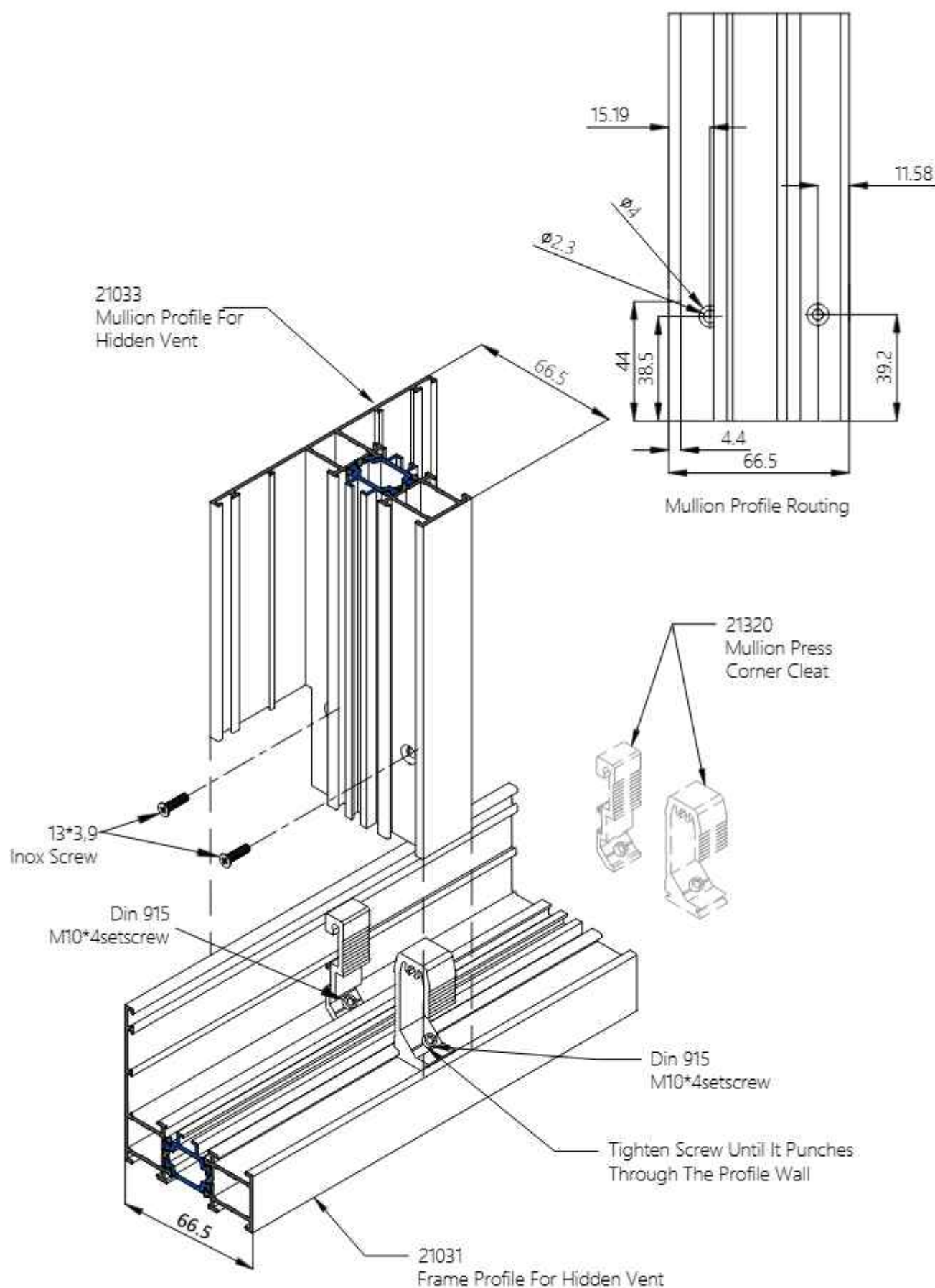
*When Using Central Gasket,Leave The Groove Empty

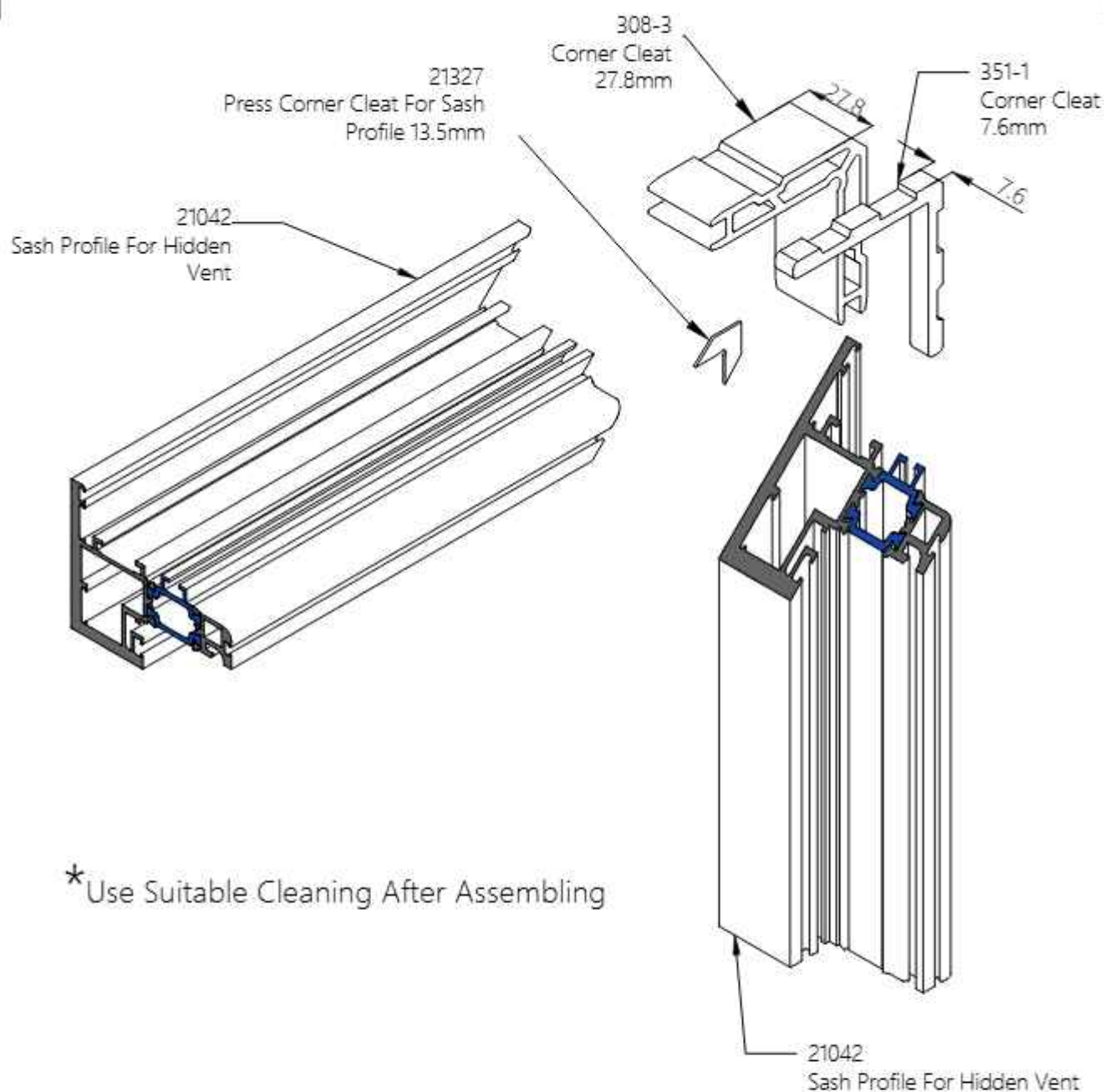




Frame Profile Drilling

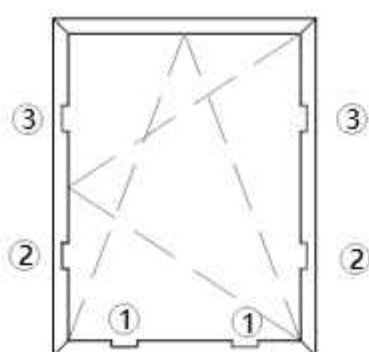
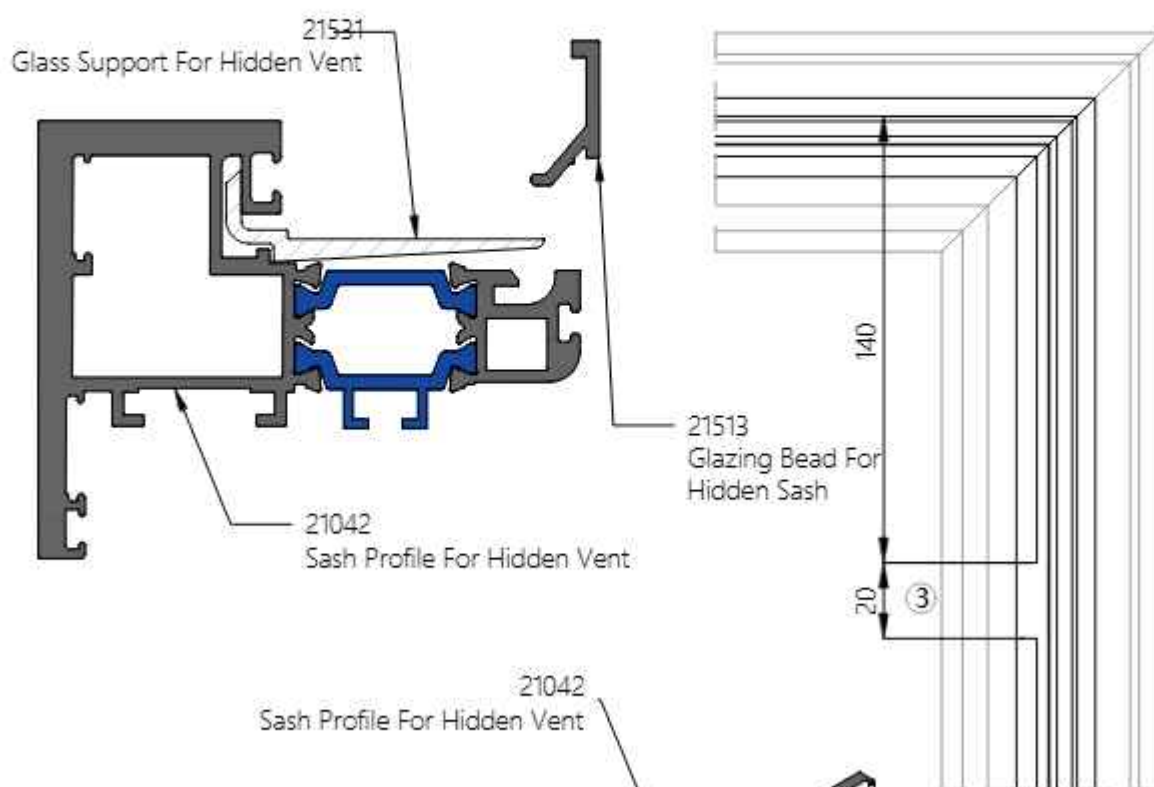




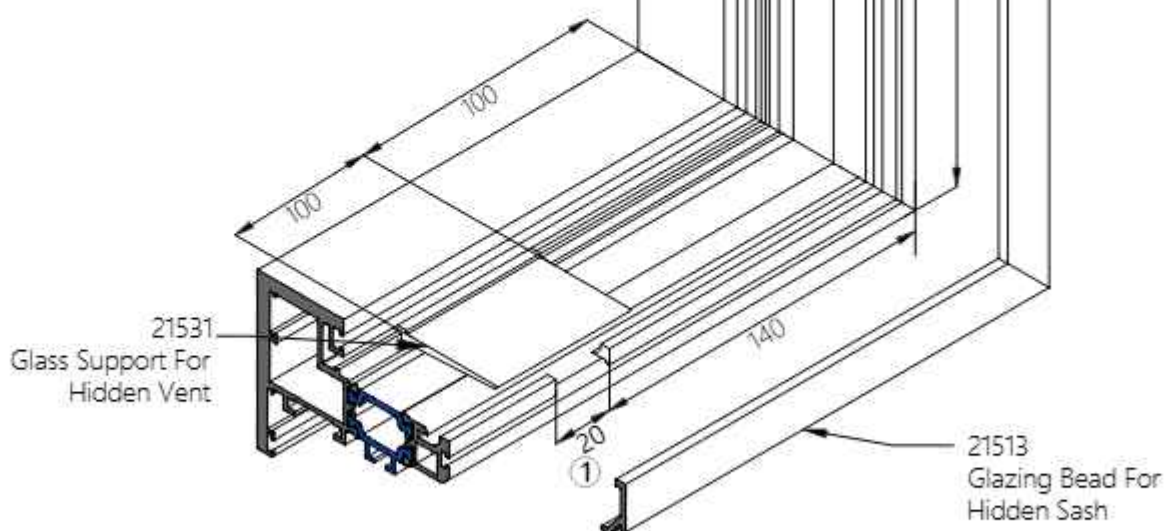


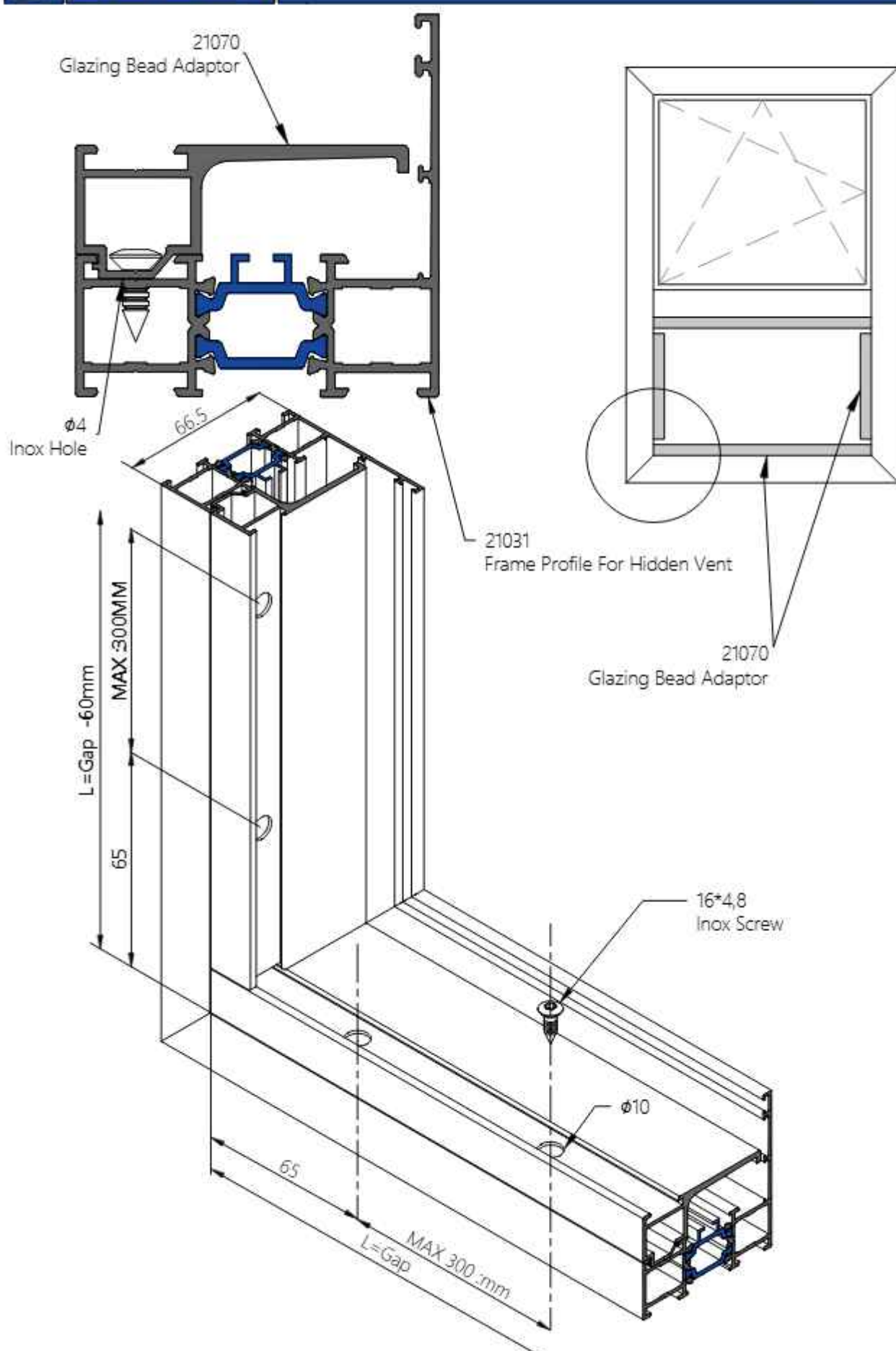
CORNER CLEAT ASSEMBLY

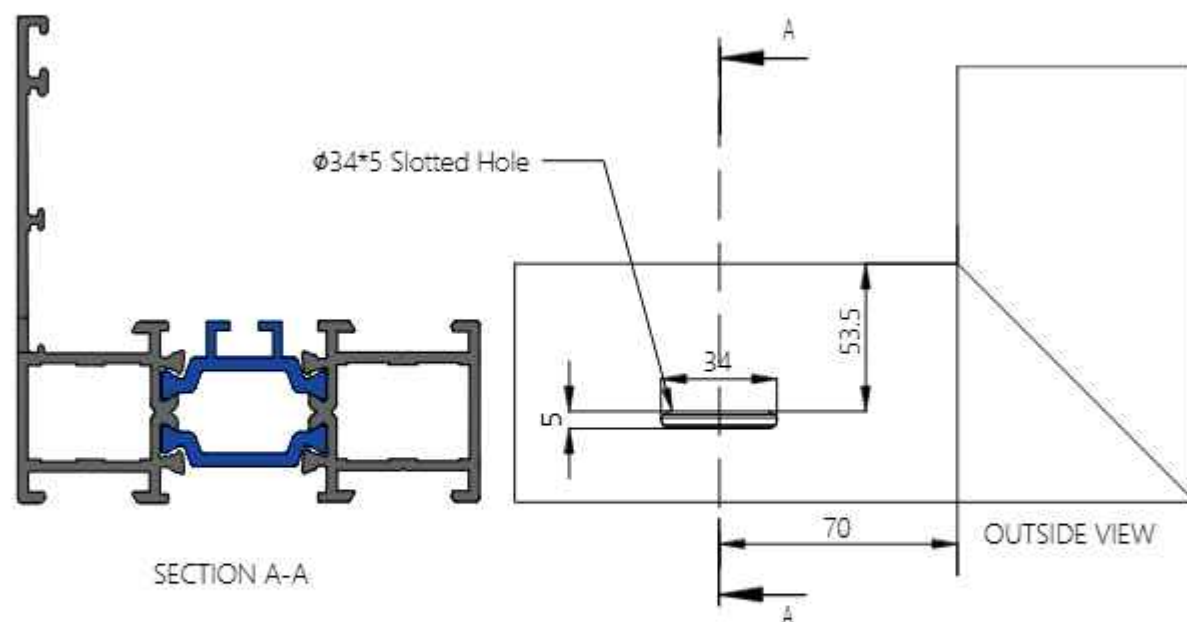
- .1Use a suitable cleaning agent
- .2Apply joint paste or glue, on cutting surface on both sides
- .3Inject adhesive into the front and back chambers



Water And Pressure Balance Hole
Placement On The Wing Profile

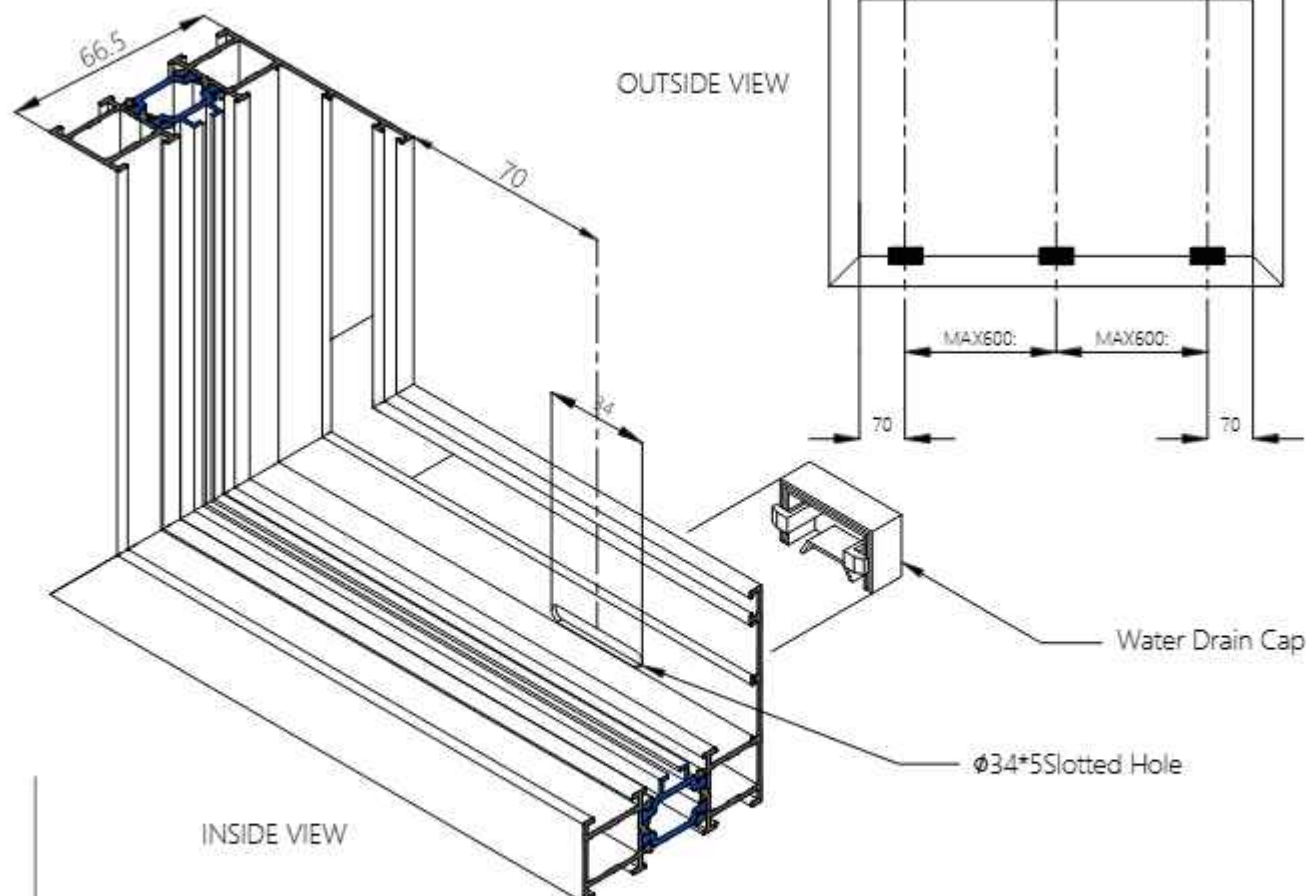


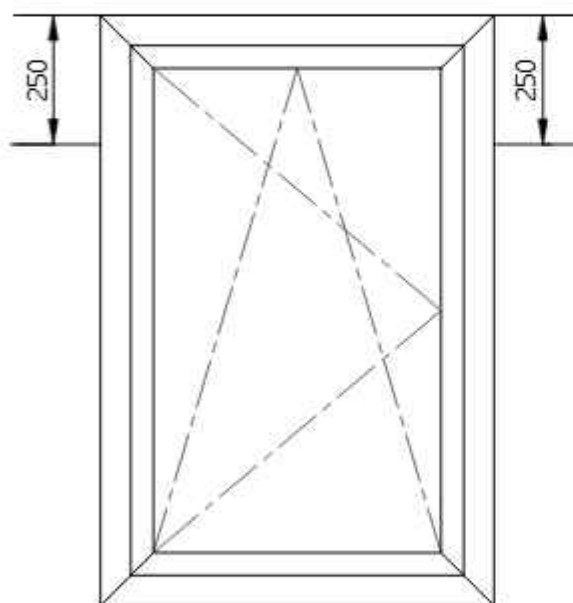




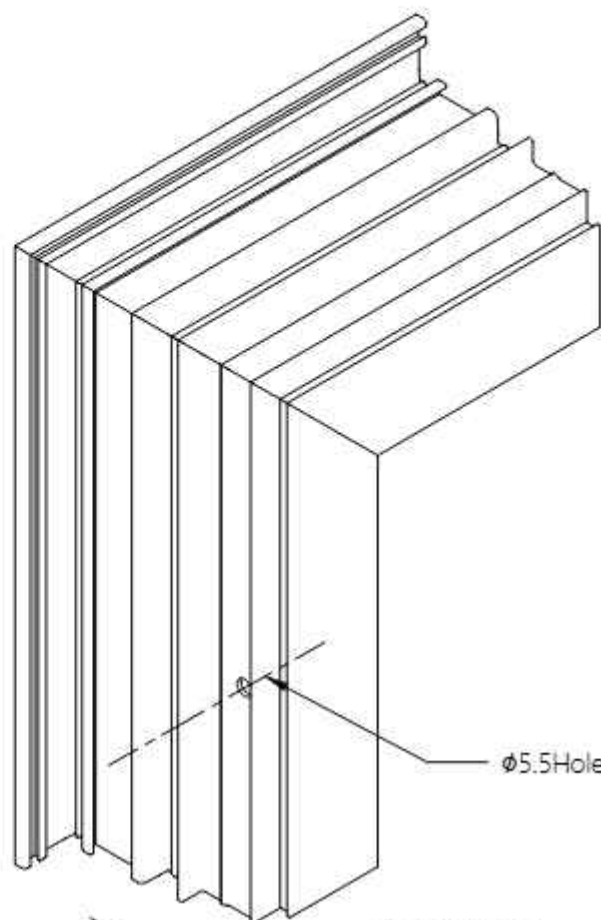
COMMENDATION OF DRAINAGE WORKS

- .1Correct punching drilling or milling
- .2Deburring and removing dust and saw-dust (if necessary)
- .3Degreasing with degreaser
- .4Applying anti-corrosion product

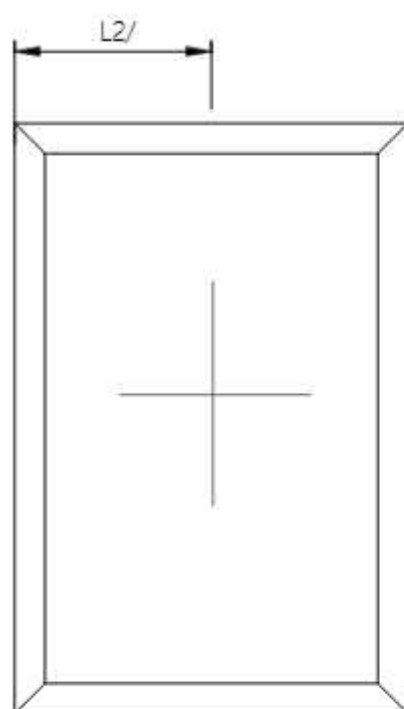




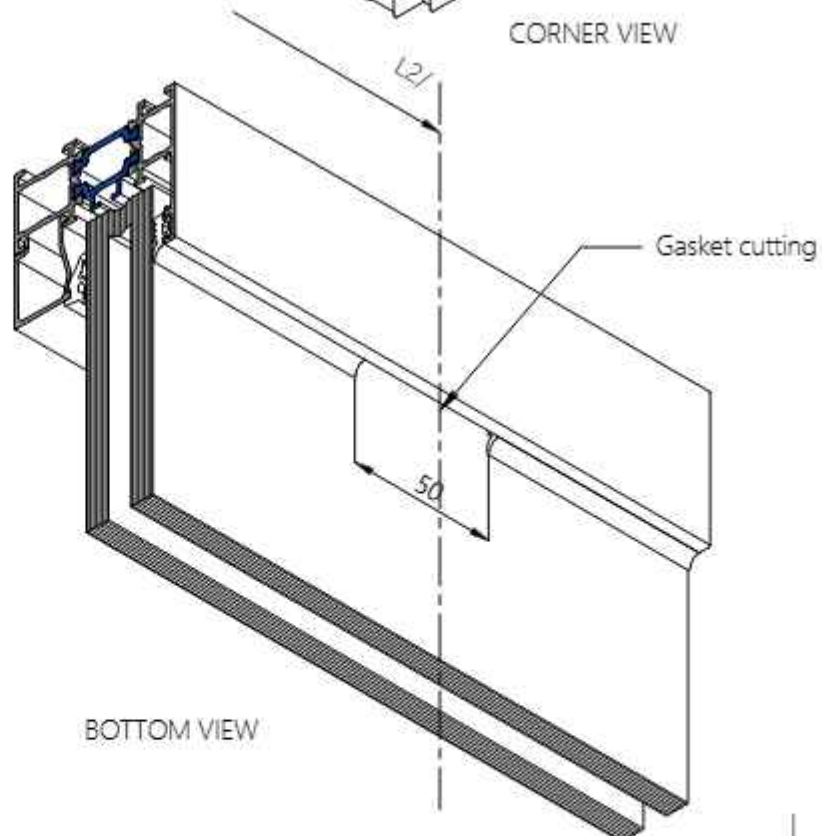
DECOMPRESSION IN SASH



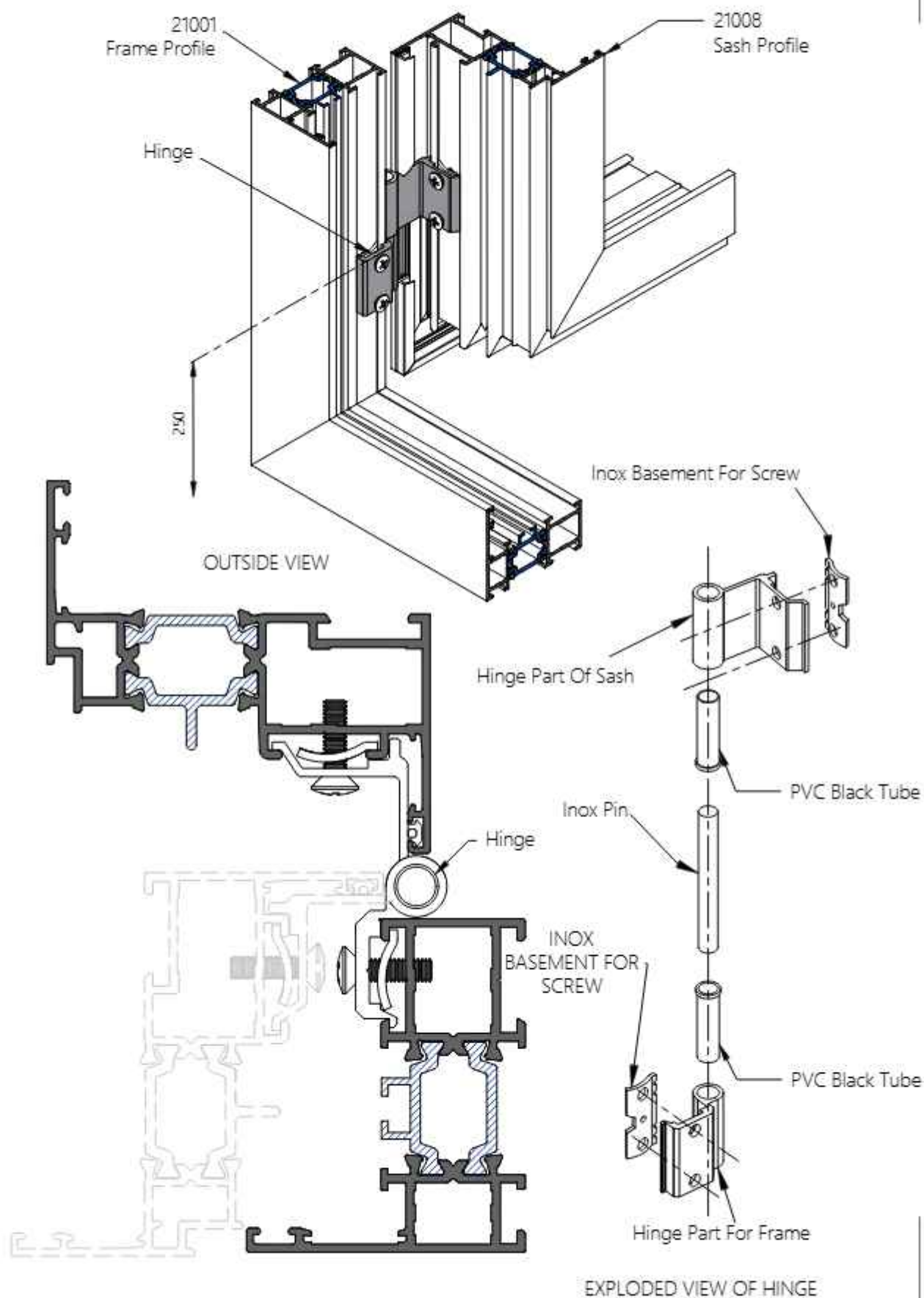
CORNER VIEW

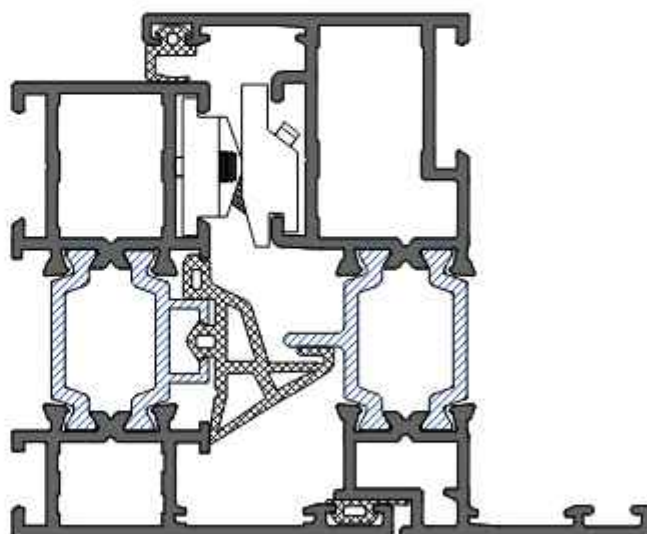
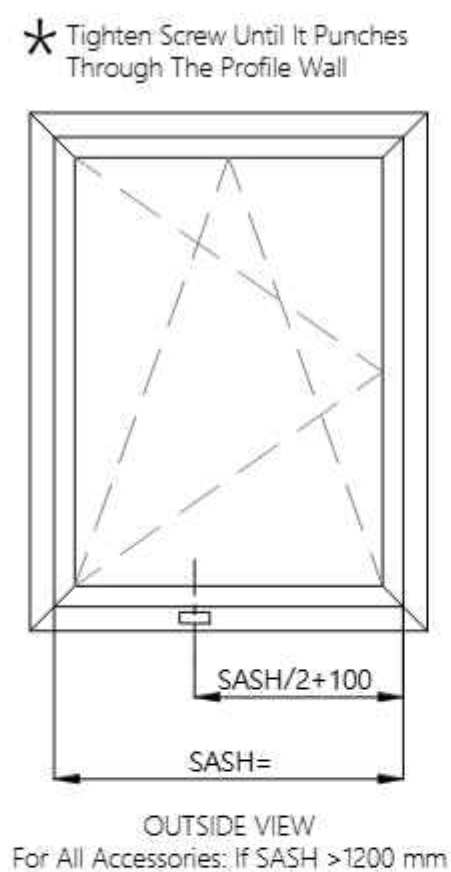
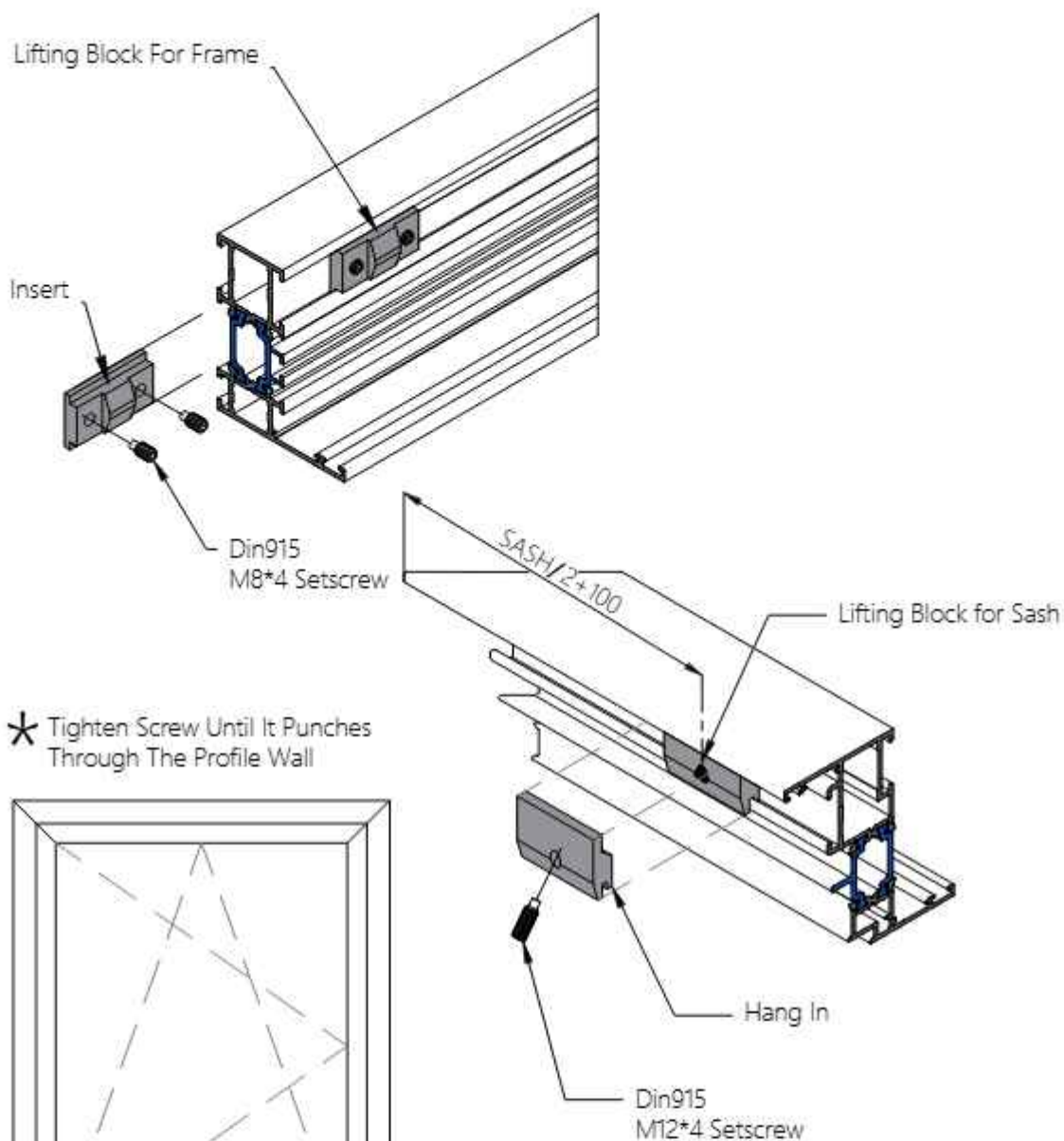


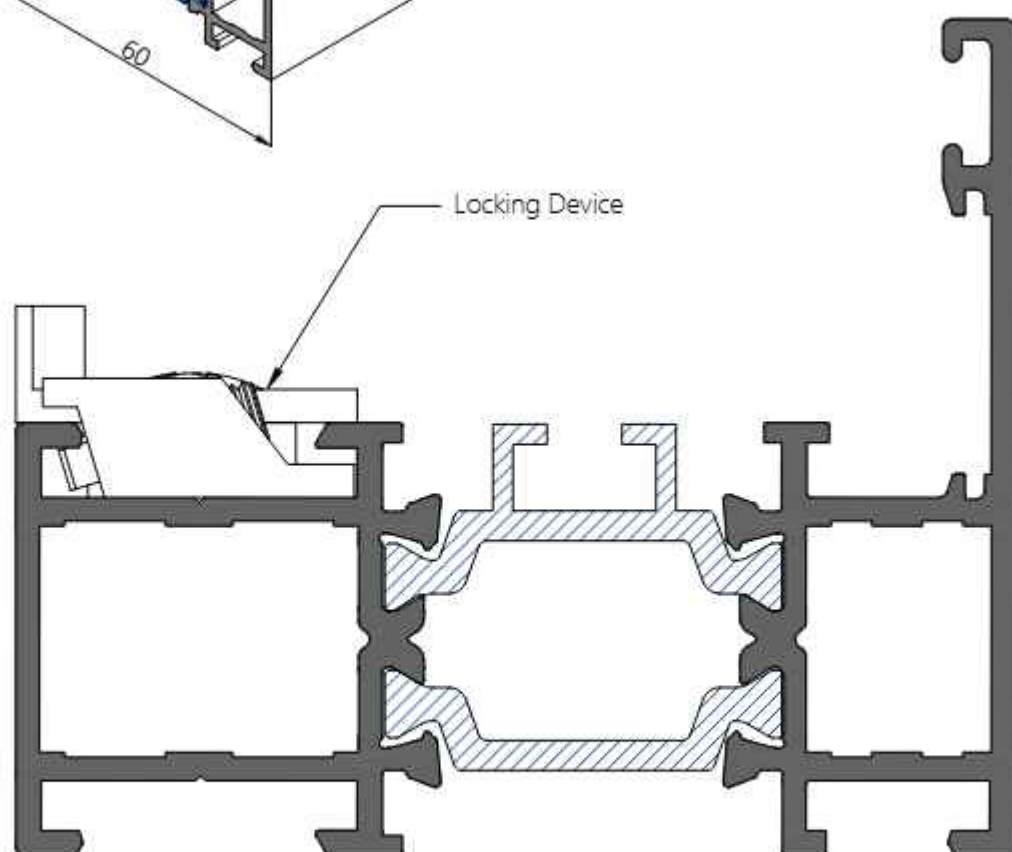
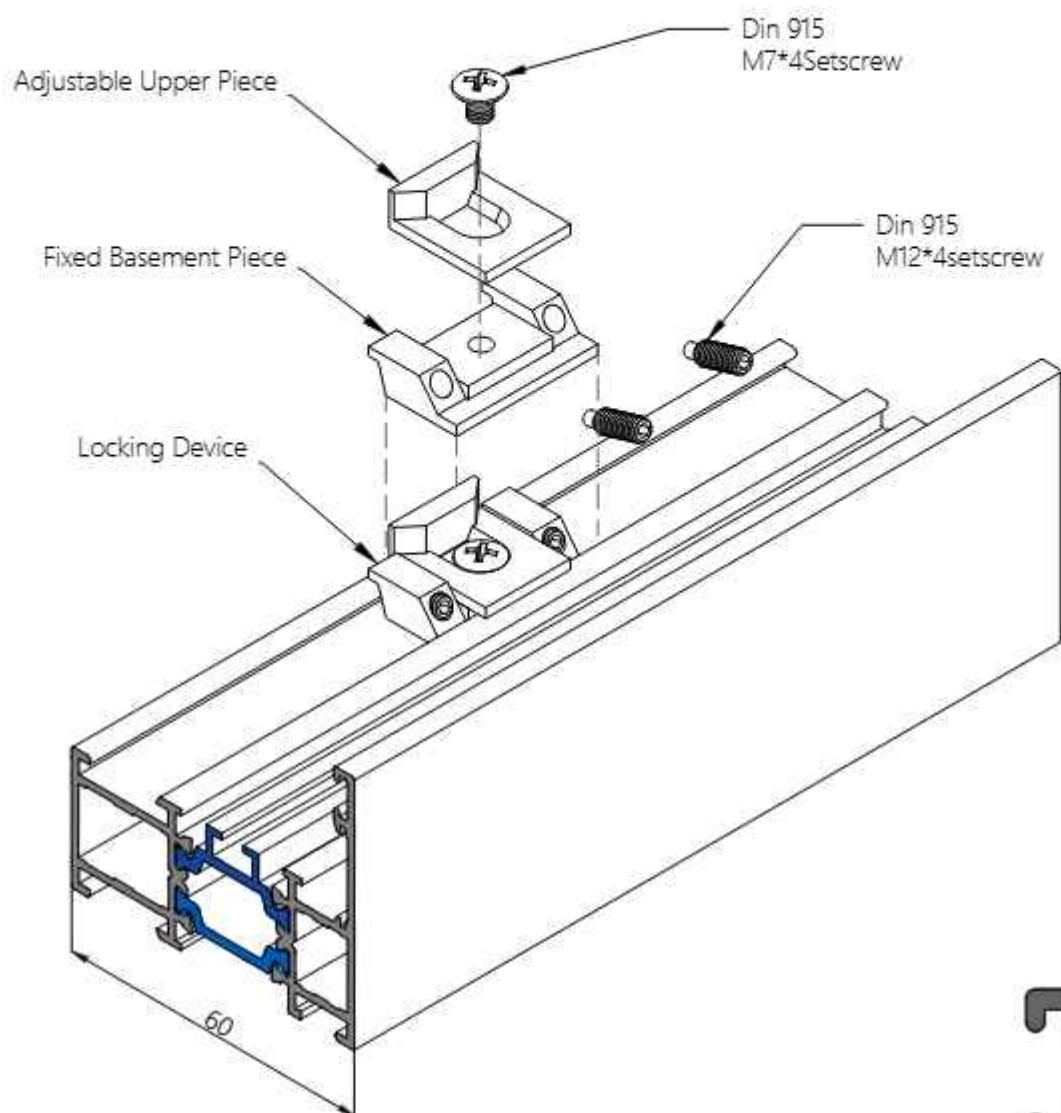
DECOMPRESSION IN FIXED WINDOW

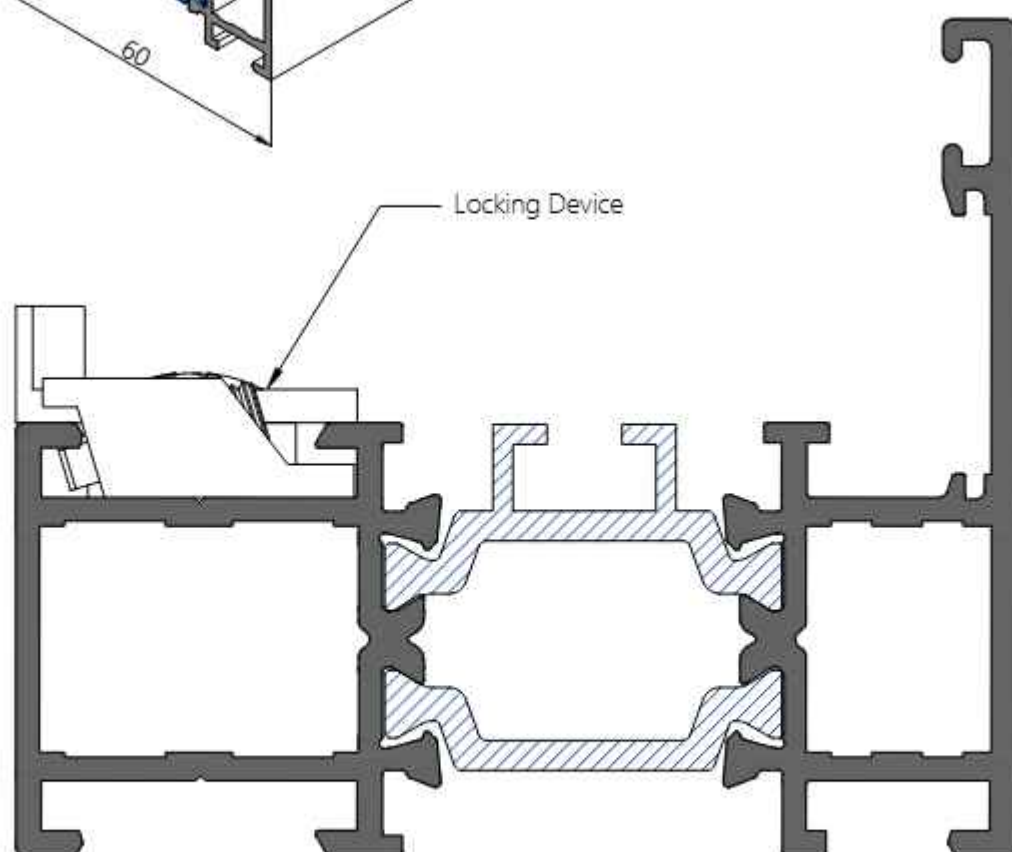
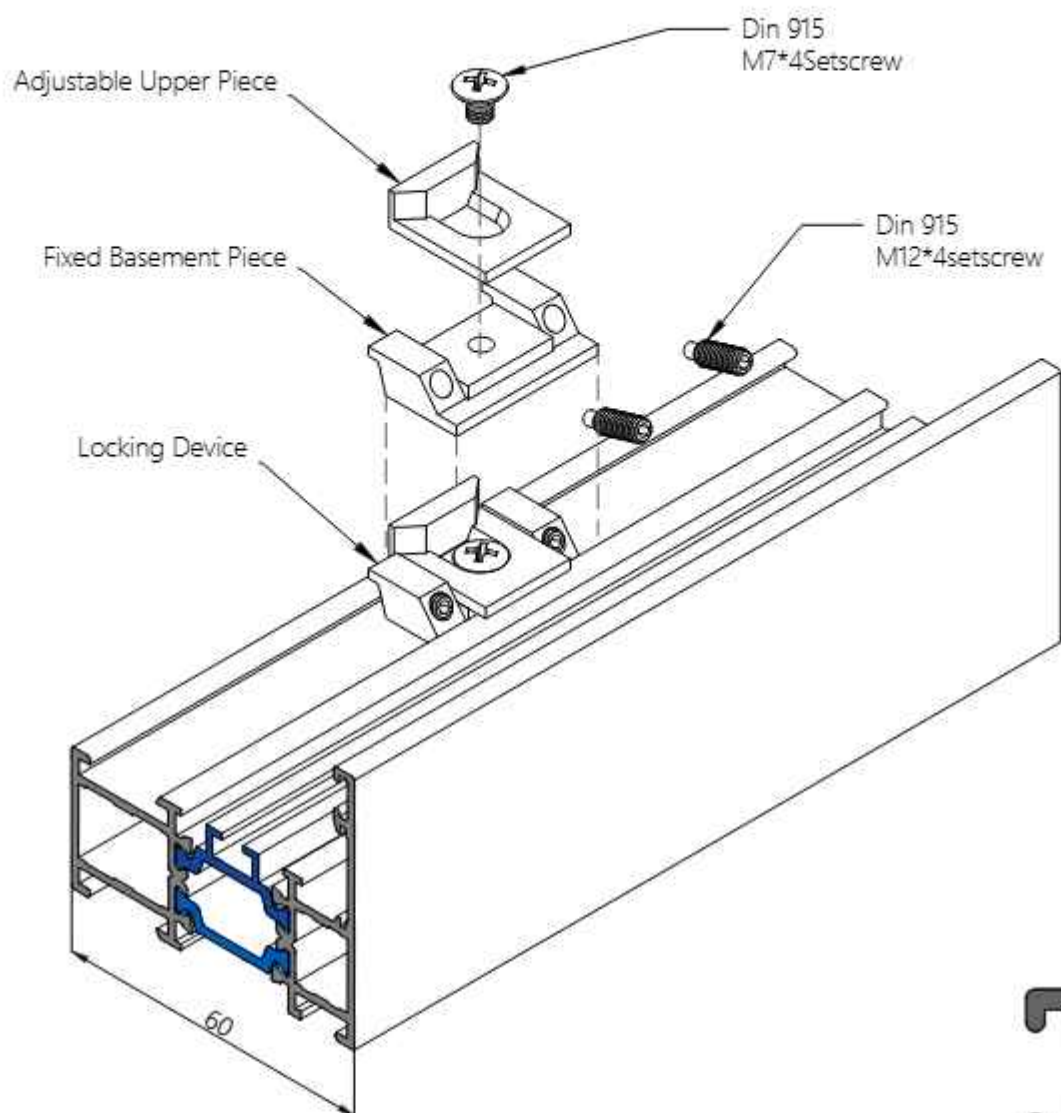


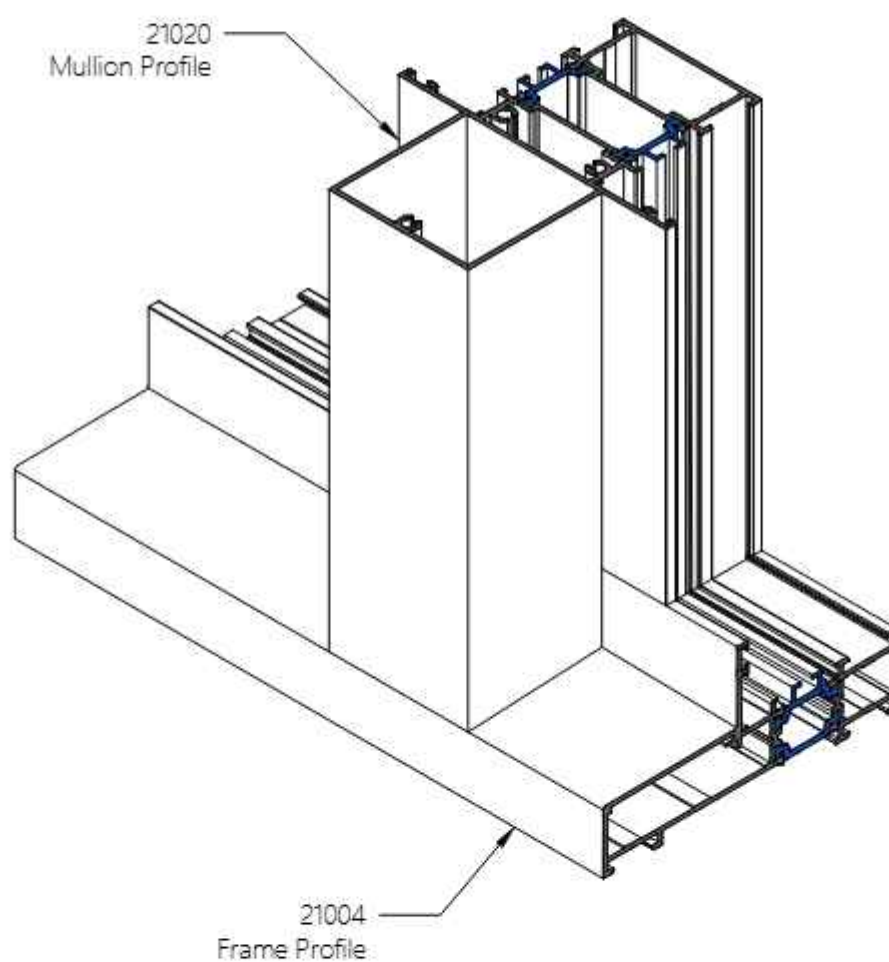
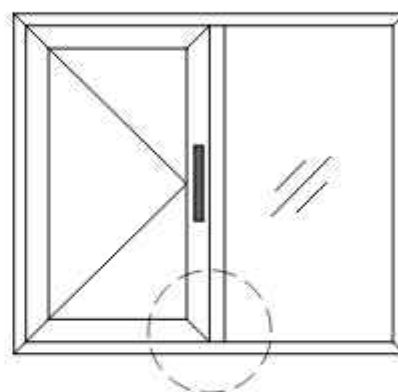
BOTTOM VIEW











★ Connecting The Mullion To The Frame

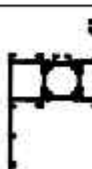
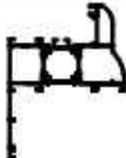
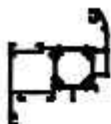
NOTE

CURVED FACE HT 60



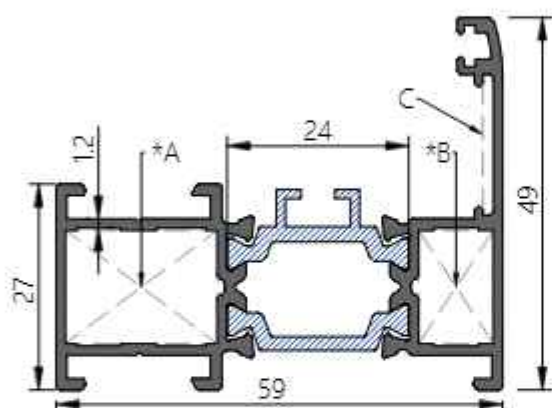
NOTE

OVERVIEW OF PROFILES

DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE <i>J_x(cm⁴) / J_y(cm⁴)</i>
	2019-2020	1.047	Frame profile	4.66 / 15.95
	2021-2023	1.155	Frame Profile	8.16 / 18.24
	2021-2022	1.397	Frame Profile	12.24 / 29.46
	2024-2023	1.337	Z Frame Profile	1125 / 34.69
	2024-2022	1.567	ZFrame Profile	16.65 / 47.35
	2031-2032	1.381	Sash Profile	10.48 / 31.33
	2033-2034	1.606	Sash Profile	45.22 / 21.14
	2041-2042	1.309	Mullion profile	18.83 / 12.39
	2045-2046	1.119	Double Casement Adaptor Profile	16.67 / 7.35
	2059	0.215	Glazing Bead	/

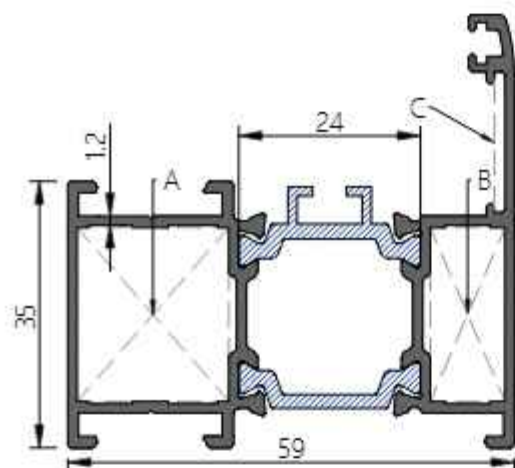
OVERVIEW OF PROFILES

DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE $I_x(\text{cm}^4) / I_y(\text{cm}^4)$
	2057	0.230	Glazing Bead	/
	2056	0.246	Glazing Bead	/
	2055	0.295	Glazing Bead	/



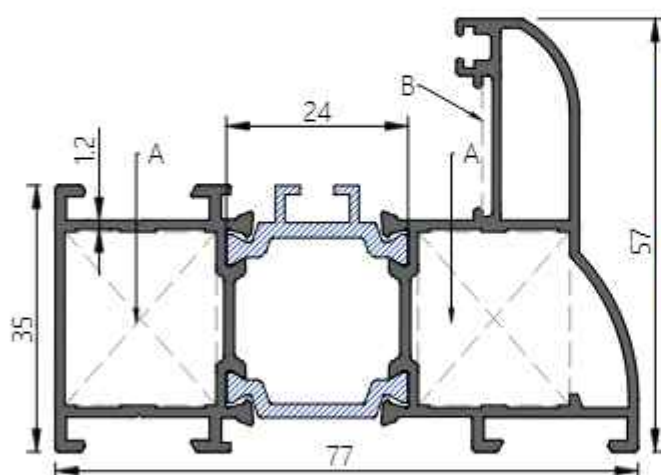
Profile Name	Profile Code	Weight (Kg/m)
Frame Profile	2019-2020	1.047

Corner Cleat	A	B	C
	317-5 19.7mm	317-6 9.5mm	21326



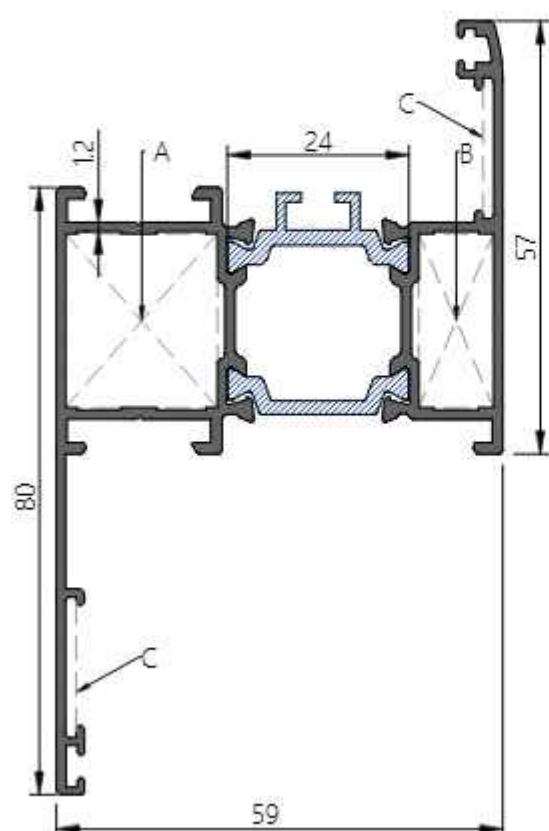
Profile Name	Profile Code	Weight (Kg/m)
Frame Profile	2021-2023	1.155

Corner Cleat	A	B	C
	319-4 19.6mm	319-5 9.5mm	21326



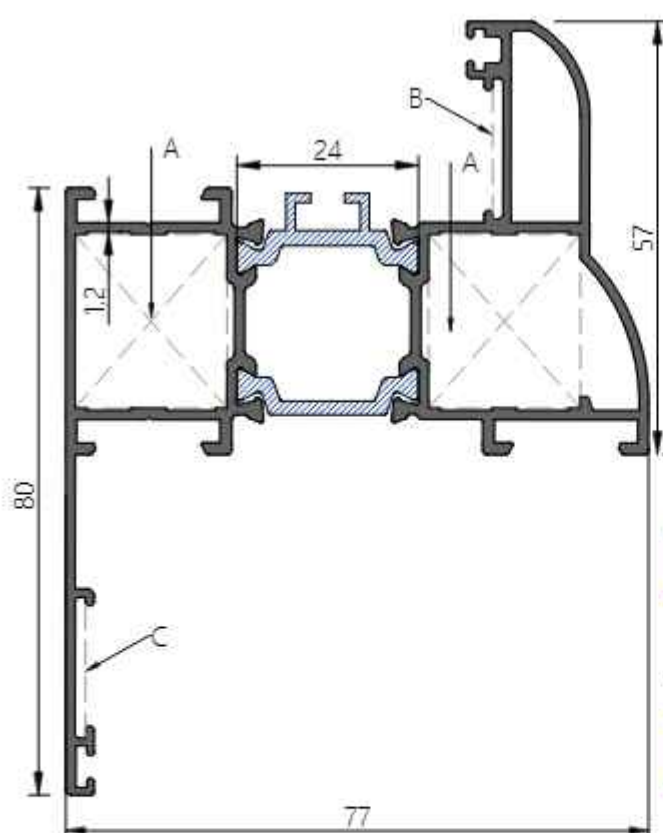
Profile Name	Profile Code	Weight (Kg/m)
Frame Profile	2021-2022	1.397

Corner Cleat	A	B
	319-4 19.6mm	21326



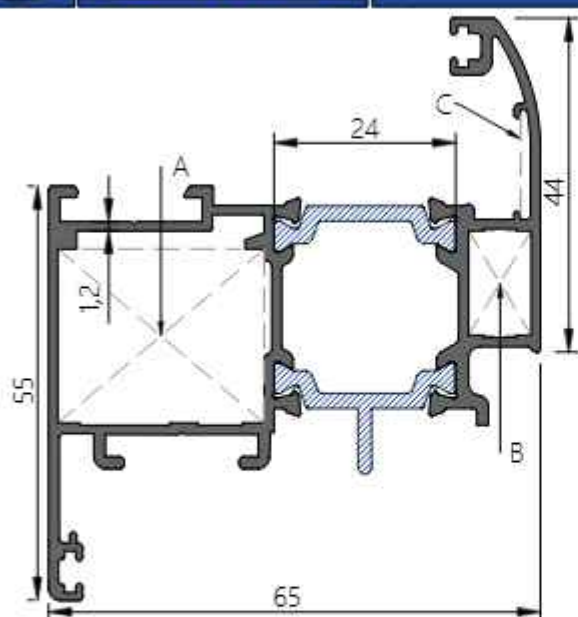
Profile Name	Profile Code	Weight (Kg/m)
Z Frame Profile	2024-2023	1.337

Corner Cleat	A	B	C
	319-4 19.6mm	319-5 9.5mm	21326

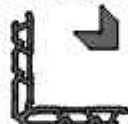


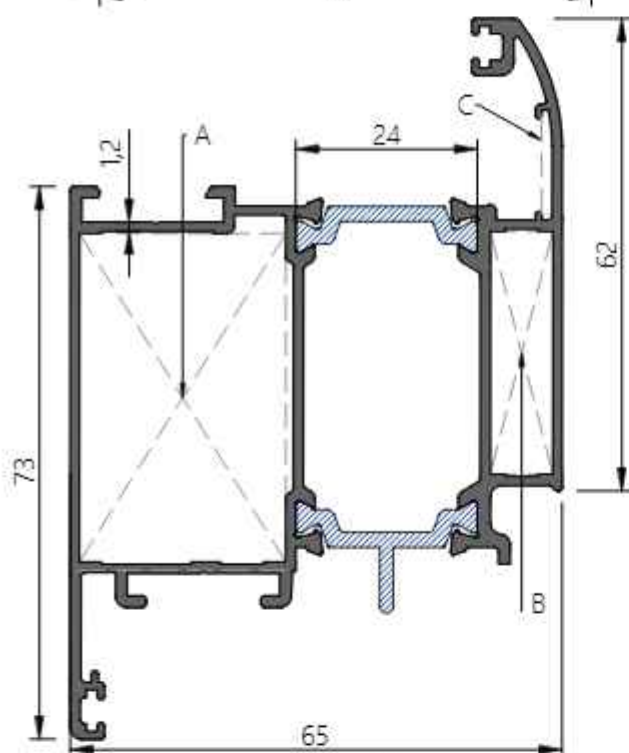
Profile Name	Profile Code	Weight (Kg/m)
Z Frame Profile	2024-2022	1.567

Corner Cleat	A	B
	319-4 19.6mm	21326

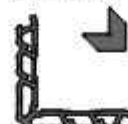


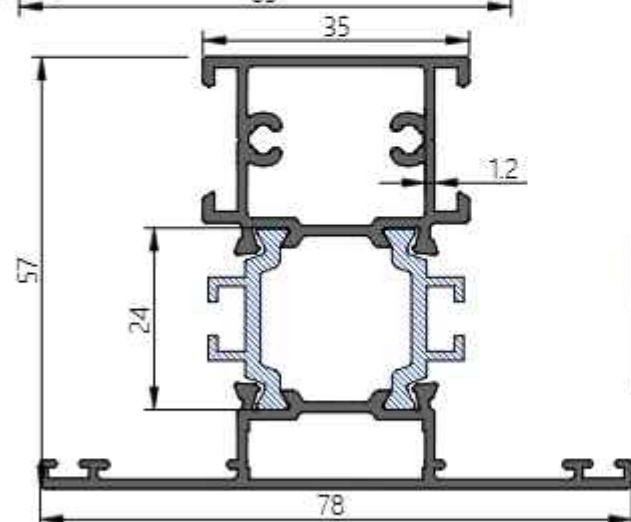
Profile Name	Profile Code	Weight (Kg/m)
Sash Profile	2031-2032	1.381

Corner Cleat	A	B	C
	319-6 26.9mm	308-17 7.9mm	21327
			

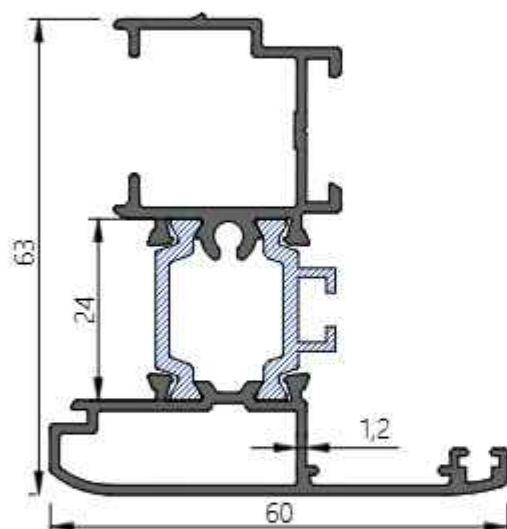


Profile Name	Profile Code	Weight (Kg/m)
Sash Profile	2033-2034	1.606

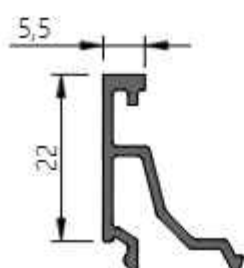
Corner Cleat	A	B	C
	319-6 26.9mm	308-17 7.9mm	21327
			



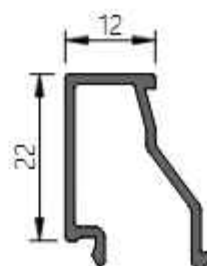
Profile Name	Profile Code	Weight (Kg/m)
Mullion Profile	2041-2042	1.309



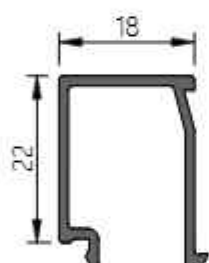
Profile Name	Profile Code	Weight (Kg/m)
Double Casement Adaptor Profile	2045-2046	1.119



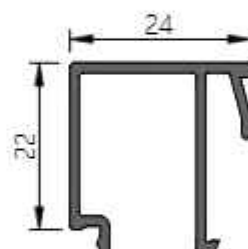
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	2059	0.215



Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	2057	0.230



Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	2056	0.246

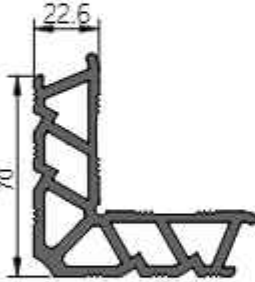
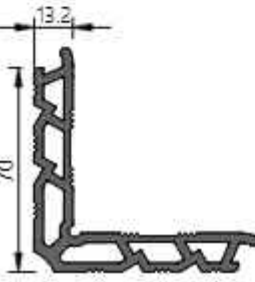
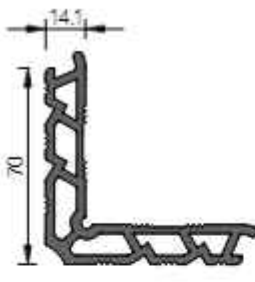


Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	2055	0.295

ACCESSORIES

Drawing	Code	Description	Material
	G 309	Glasing Gasket	EPDM
	G 115	Gasket For Frame Profile	
	G 108	Interior Glasing Gasket 2mm	
	G 201	Interior Glasing Gasket 4mm	
	G 202	Interior Glasing Gasket 6mm	
	G 203	Interior Glasing Gasket 8mm	
	G 230	Central Gasket	

ACCESSORIES

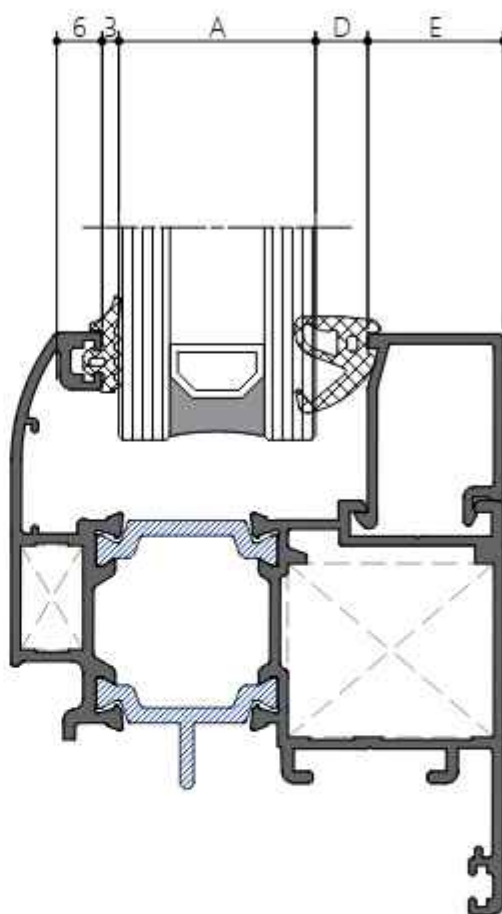
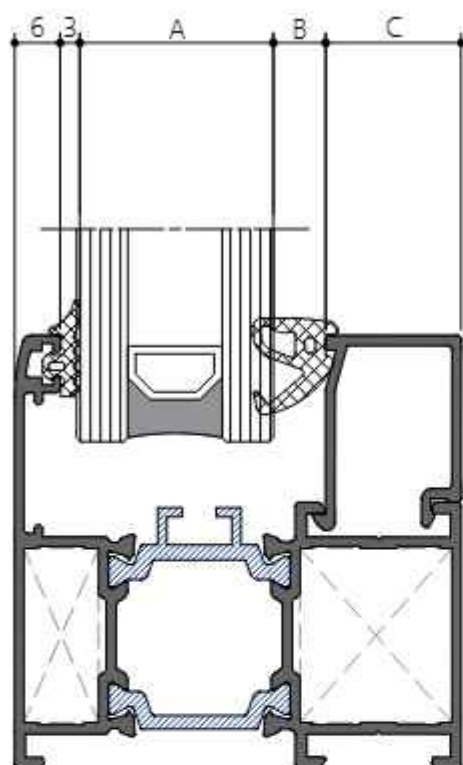
Drawing	Code	Description	Material
	319-4	Press Corner Cleat 19.6(mm)	Aluminium
	319-5	Press Corner Cleat 9.5(mm)	
	319-6	Press Corner Cleat 26.9(mm)	
	308-17	Press Corner Cleat 7.9(mm)	
	317-5	Press Corner Cleat 19.7(mm)	
	317-6	2019-2020 Press Corner Cleat 9.5(mm)	

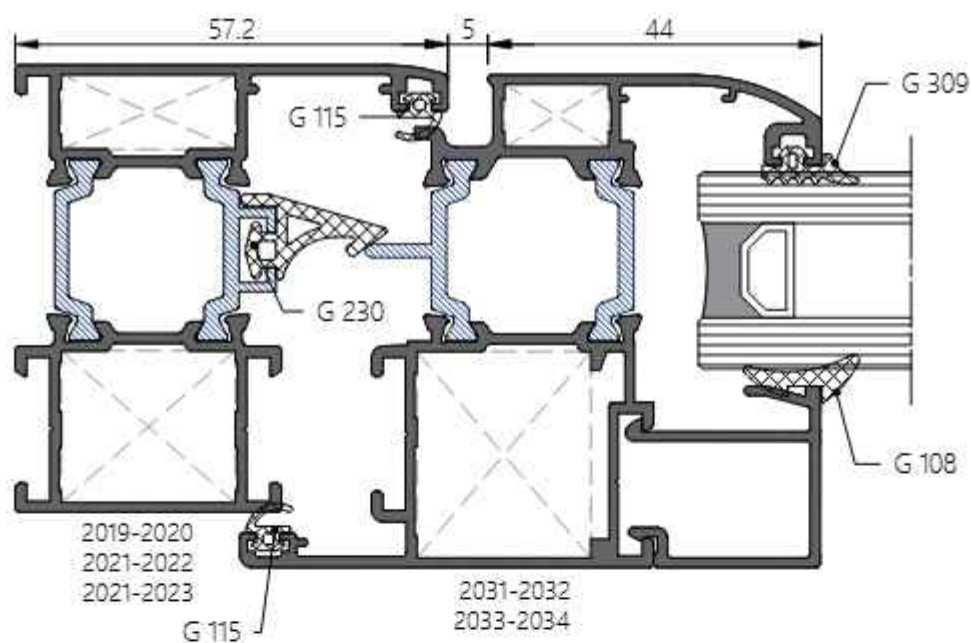
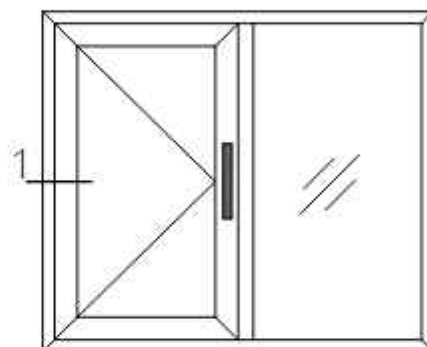
ACCESSORIES

Drawing	Code	Description	Material
	21326	Press Corner Cleat For Frame Profile & Mullion Profile 18(mm)	
	21327	Press Corner Cleat For Sash Profile 13.5(mm)	

Glass Size		
A(mm)	B	C
20	G 202	2055
22	G 201	2055
24	G 201	2055
26	G 202	2056
28	G 201	2056
30	G 201	2056
32	G 202	2057
34	G 201	2057
36	G 201	2057
38	G 202	2059
40	G 201	2059

Glass Size		
A(mm)	D	E
20	G 202	2055
22	G 201	2055
24	G 201	2055
26	G 202	2056
28	G 201	2056
30	G 201	2056
32	G 202	2057
34	G 201	2057
36	G 201	2057
38	G 202	2059
40	G 201	2059





1

HATCH GUIDE : ● Aluminium

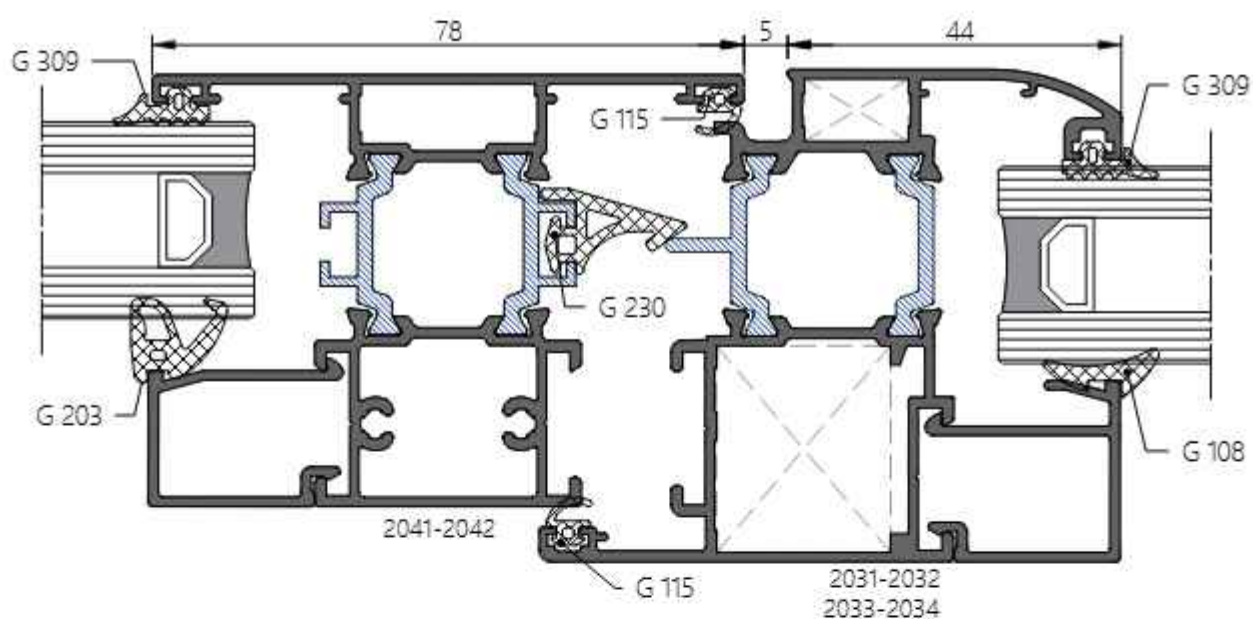
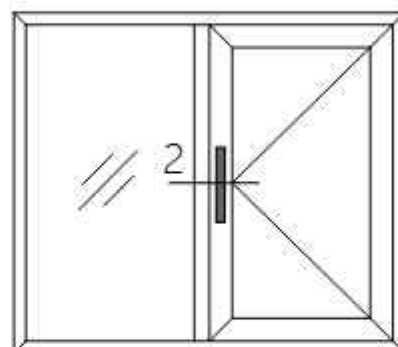
● PolyAmid

● PVC

● EPDM

● Sponge

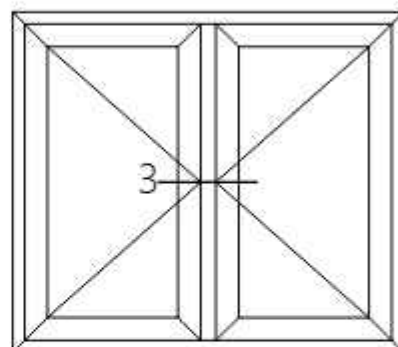
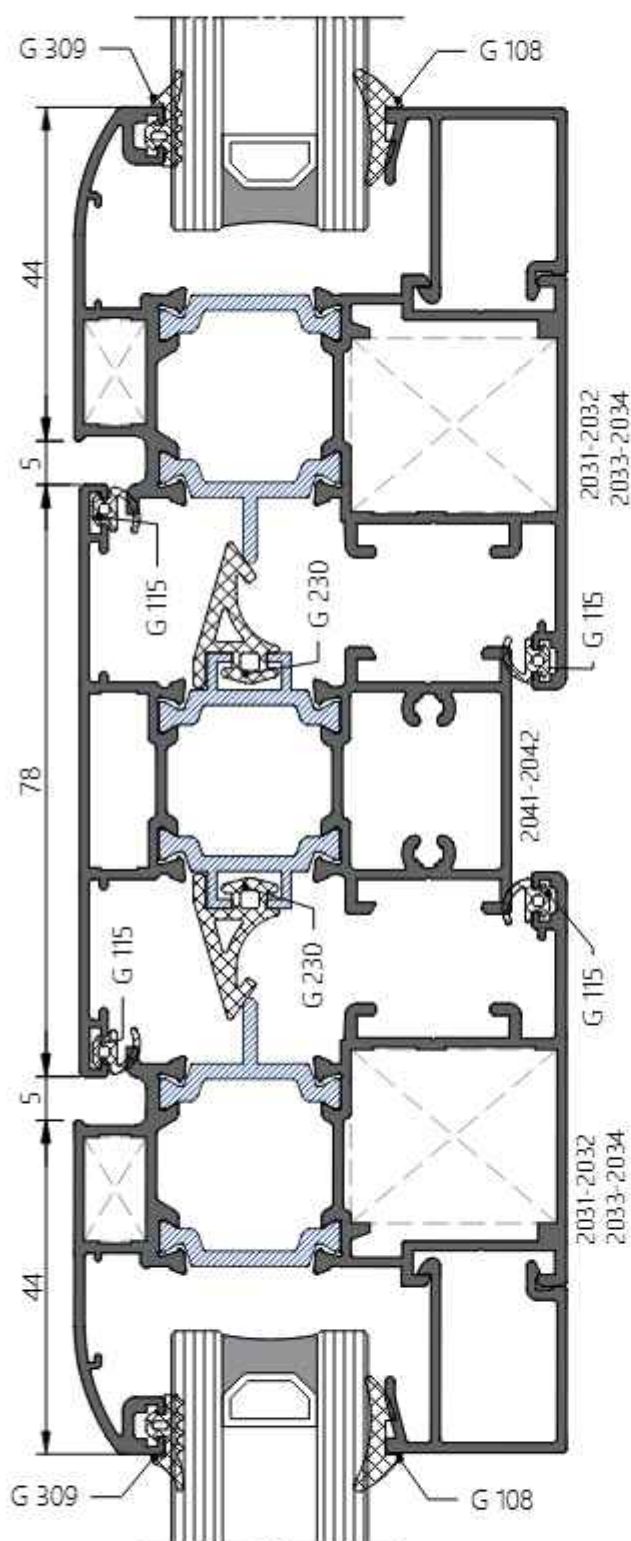
www.Bendini.co



2

HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge

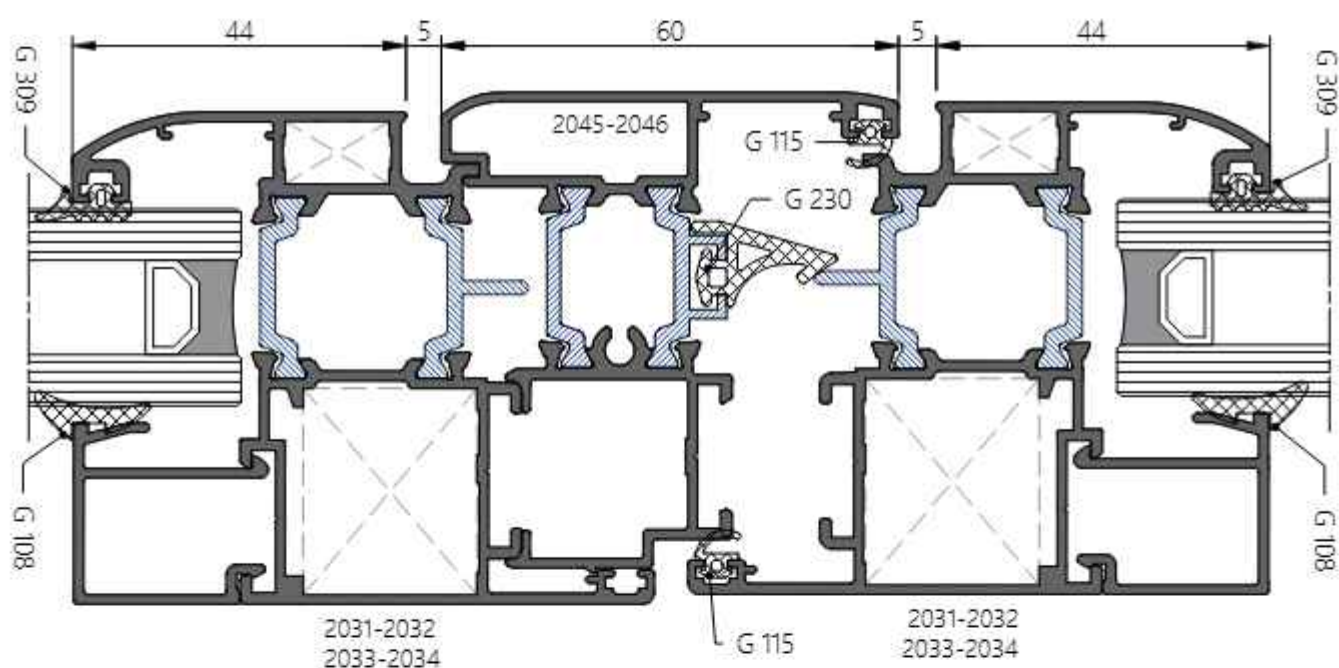
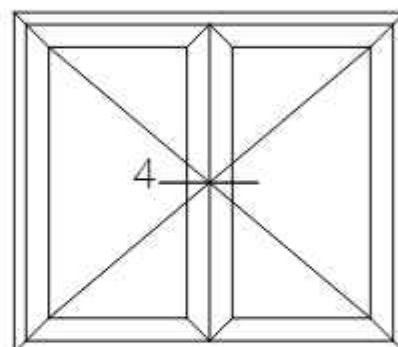
www.Bendini.co



3

HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge

www.Bendini.co



4

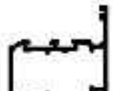
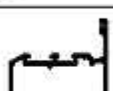
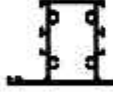
HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge

HN 55

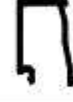
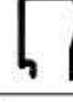
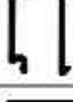
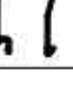


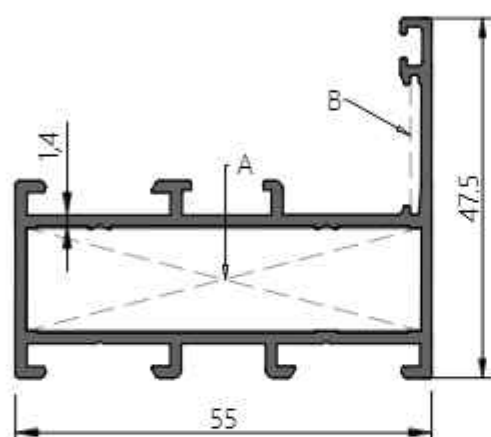
NOTE

OVERVIEW OF PROFILES

DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE $J_x(\text{cm}^4) / J_y(\text{cm}^4)$
	26001	0.844	Frame Profile	6.78 / 45.75
	26002	0.950	Frame Profile	8.49 / 15.87
	26022	1.010	Frame Profile	30.52 / 103.44
	26006	1.155	Z Frame Profile	35.15 / 11.05
	26008	1.022	Sash Profile	3.98 / 21.88
	26009	1.160	Sash Profile	9.09 / 28.79
	26010	1.311	Sash Profile	73.46 / 159.44
	26011	1.364	Sash Profile	48.54 / 22.24
	26015	1.120	Mullion Profile	46.47 / 9.32
	26016	1.240	Mullion Profile	18.88 / 16.96

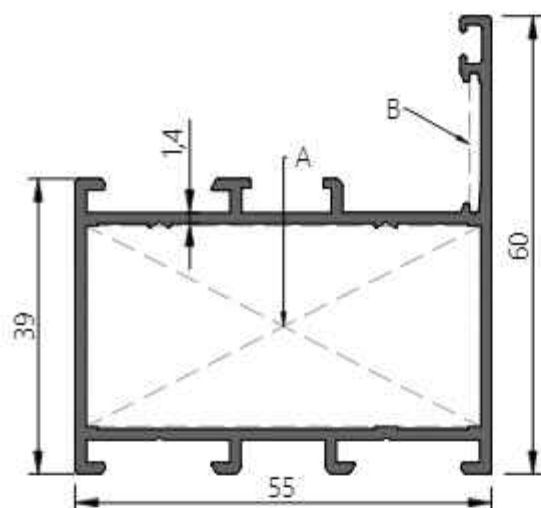
OVERVIEW OF PROFILES

DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE Is(cm4) / Jy (cm4)
	21501	0.250	Glazing Bead	/
	21502	0.263	Glazing Bead	/
	21503	0.280	Glazing Bead	/
	21504	0.300	Glazing Bead	/
	21505	0.340	Glazing Bead	/
	21506	0.345	Glazing Bead	/
	21507	0.370	Glazing Bead	/
	BE 003	0.368	Border Profile	/
	21553	0.340	Border Profile	/



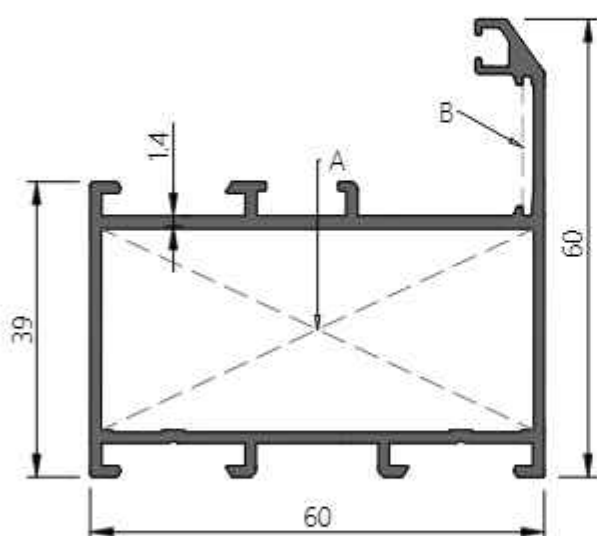
Profile Name	Profile Code	Weight (Kg/m)
Frame Profile	26001	0.844

Corner Cleat	A	B
	308-8 51.8mm	21326



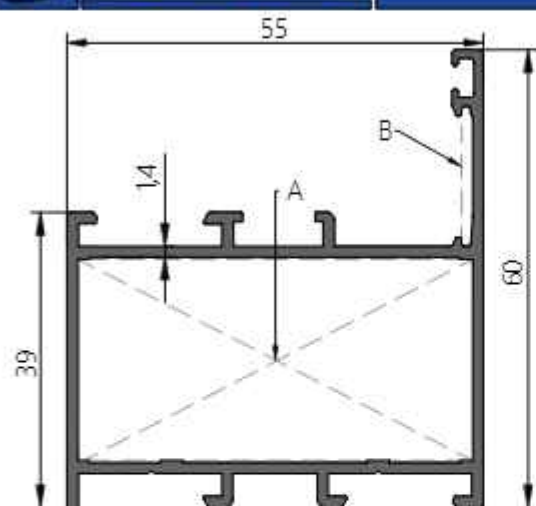
Profile Name	Profile Code	Weight (Kg/m)
Frame Profile	26002	0.950

Corner Cleat	A	B
	311-8 51.8mm	21326



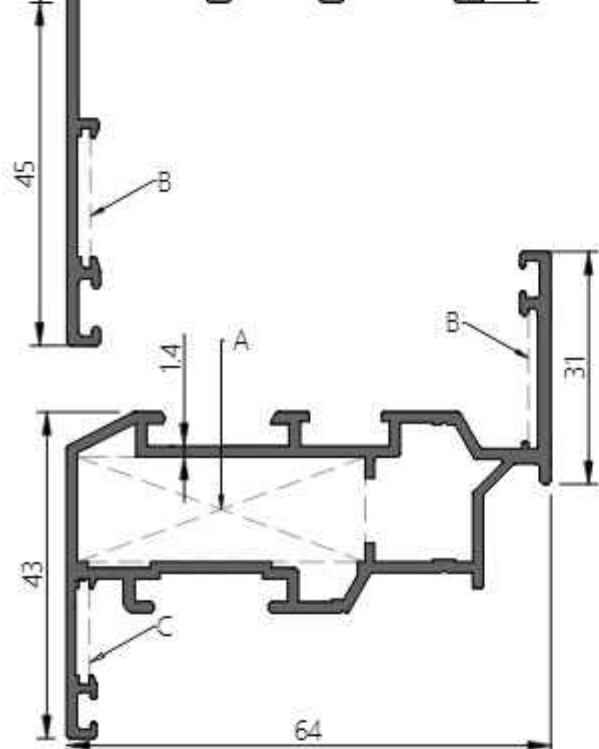
Profile Name	Profile Code	Weight (Kg/m)
Frame Profile	26022	1.010

Corner Cleat	A	B
	311-16 56.8mm	21326



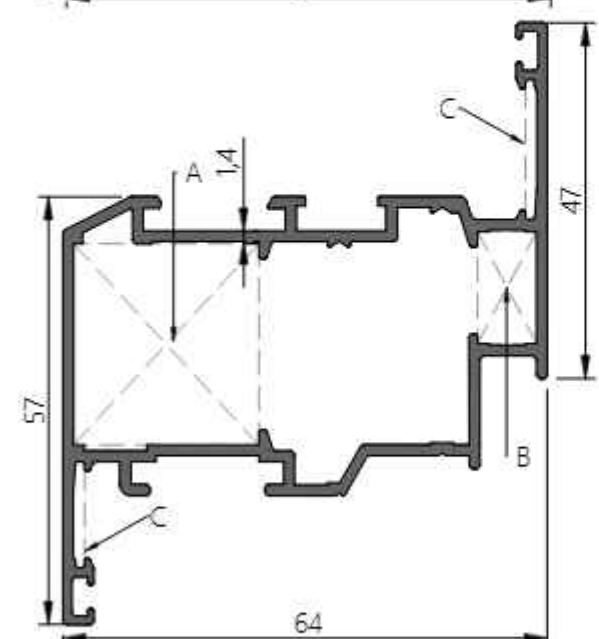
Profile Name	Profile Code	Weight (Kg/m)
Z Frame Profile	26006	1.155

Corner Cleat	A	B
	311-8 51.8mm	21326



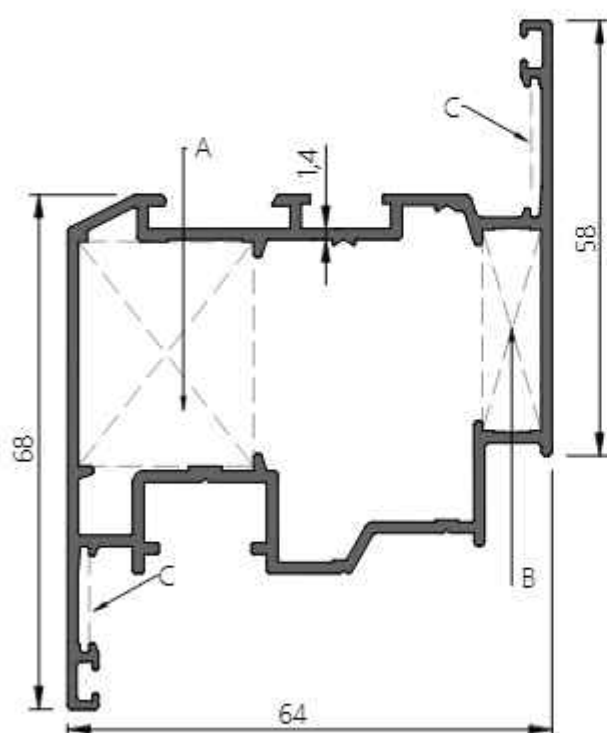
Profile Name	Profile Code	Weight (Kg/m)
Sash Profile	26008	1.022

Corner Cleat	A	B	C
	308-5 37.6mm	21326	21327



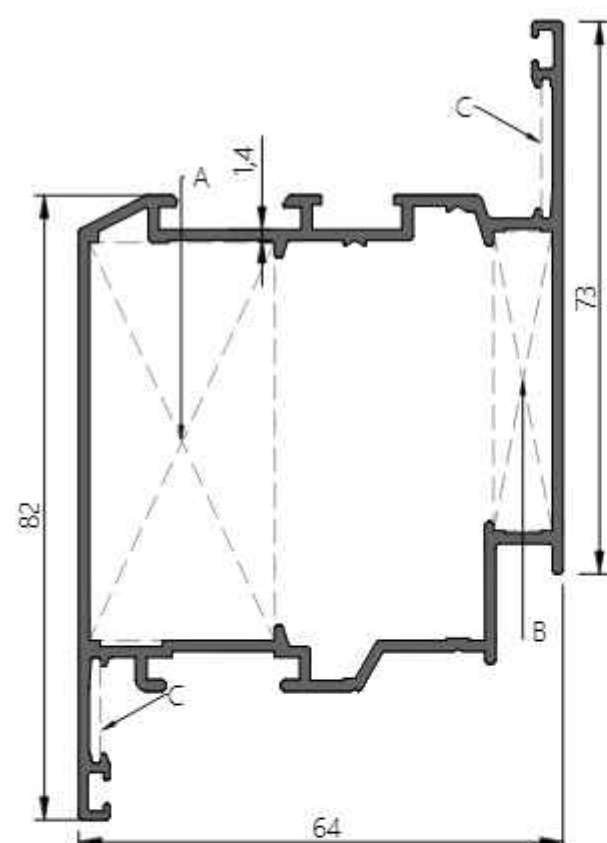
Profile Name	Profile Code	Weight (Kg/m)
Sash Profile	26009	1.160

Corner Cleat	A	B	C
	311-12 24.1mm	317-2 7.4mm	21327



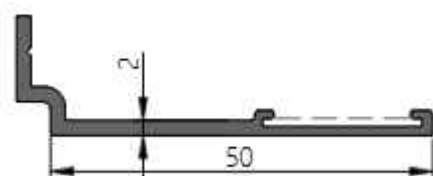
Profile Name	Profile Code	Weight (Kg/m)
Sash Profile	26010	1.311

Corner Cleat	A	B	C
	316-3 22.8mm	311-9 7.4mm	21327
			

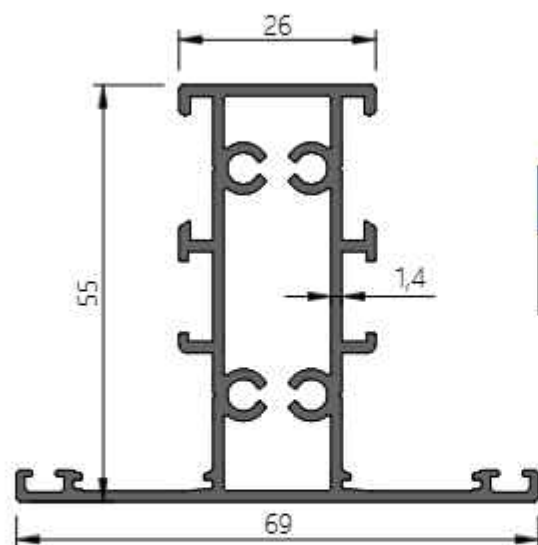


Profile Name	Profile Code	Weight (Kg/m)
Sash Profile	26011	1.364

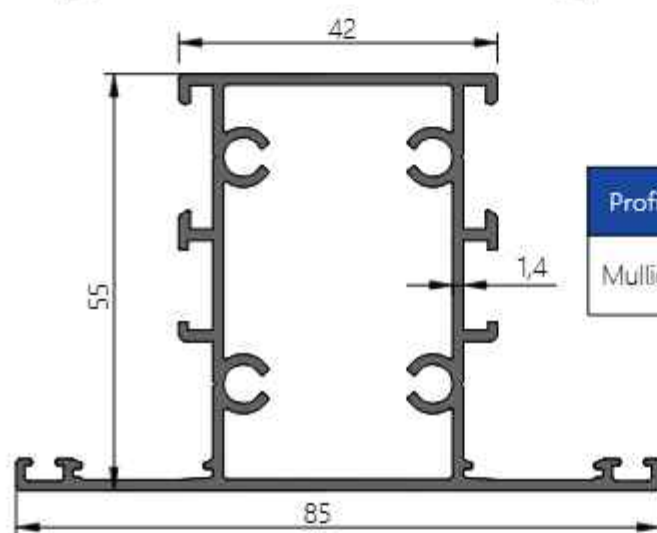
Corner Cleat	A	B	C
	314-5 24.1mm	312-6 7.4mm	21327
			



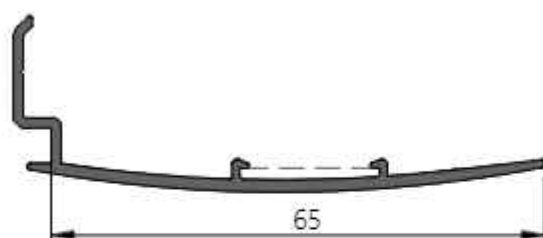
Profile Name	Profile Code	Weight (Kg/m)
Border Profile	21553	0.340



Profile Name	Profile Code	Weight (Kg/m)
Mullion Profile	26015	1.120

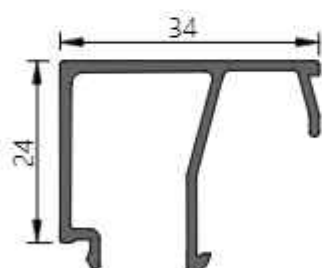


Profile Name	Profile Code	Weight (Kg/m)
Mullion Profile	26016	1.240

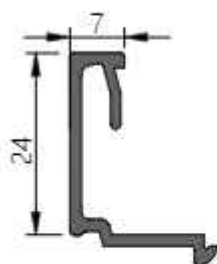


Profile Name	Profile Code	Weight (Kg/m)
Border Profile	BE 003	0.368

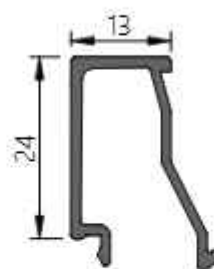
Corner Cleat	A
	21326 18mm



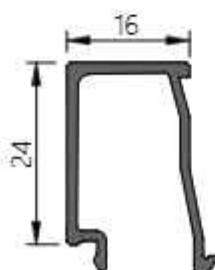
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21507	0.370



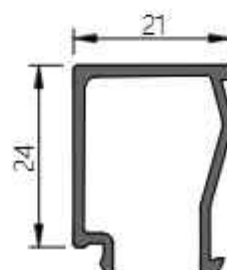
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21501	0.250



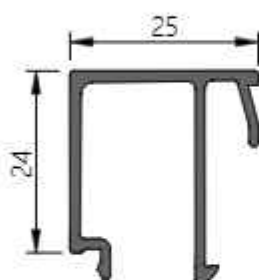
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21502	0.263



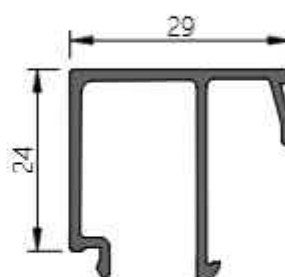
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21503	0.280



Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21504	0.300



Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21505	0.340

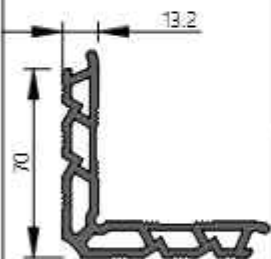
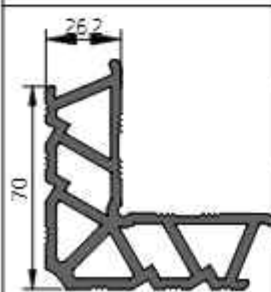
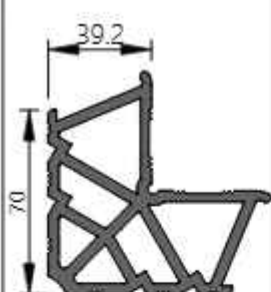
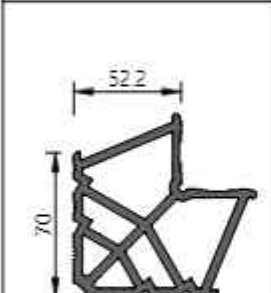


Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21506	0.345

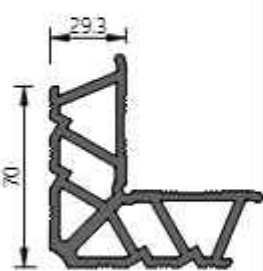
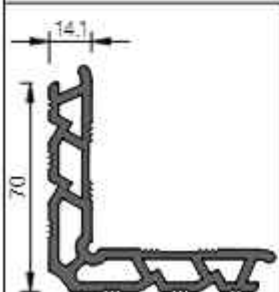
ACCESSORIES

Drawing	Code	Description	Material
	G 309	Glazing Gasket	EPDM
	G 110	Gasket For Frame Profile	
	G 201	Interior Glazing Gasket 4mm	
	G 202	Interior Glazing Gasket 6mm	
	G 203	Interior Glazing Gasket 8mm	
	G 226	Central Gasket	
	21326	Press Corner Cleat For Frame Profile & Mullion Profile 18(mm)	Aluminium
	21327	Press Corner Cleat For Sash Profile 13.5(mm)	

ACCESSORIES

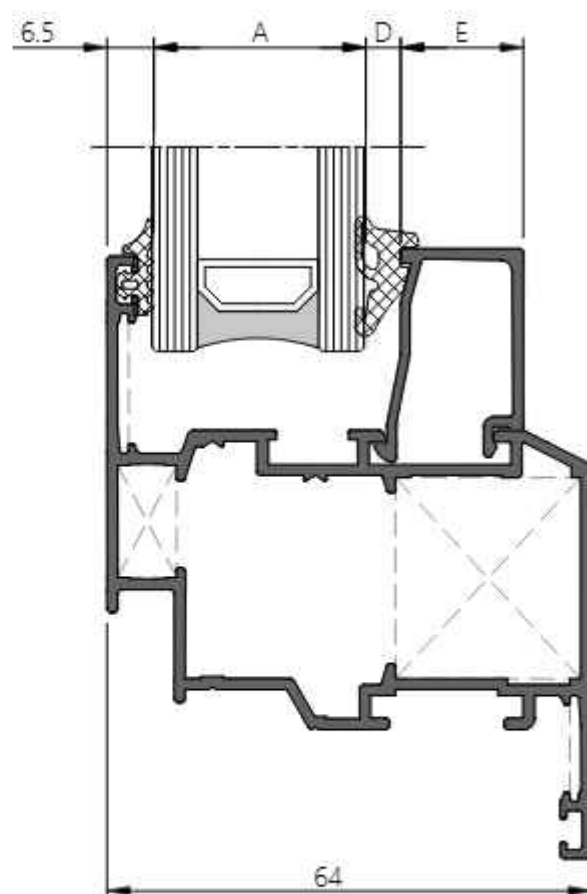
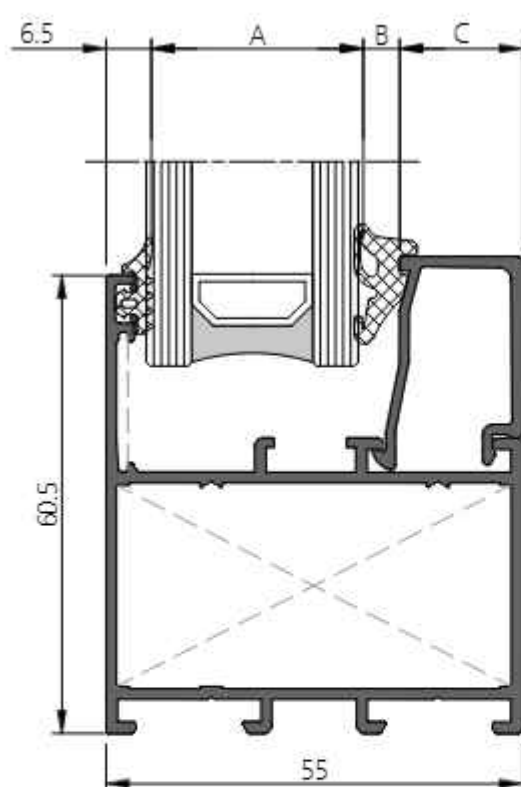
Drawing	Code	Description	Material
	308-18	Press Corner Cleat 51.8(mm)	Aluminium
	308-5	Press Corner Cleat 37.6(mm)	
	311-8	Press Corner Cleat 51.8(mm)	
	311-16	Press Corner Cleat 56.8(mm)	
	311-12	Press Corner Cleat 24.1(mm)	
	311-9	Press Corner Cleat 7.4(mm)	
	312-6	Press Corner Cleat 7.4(mm)	
	314-5	Press Corner Cleat 24.1(mm)	

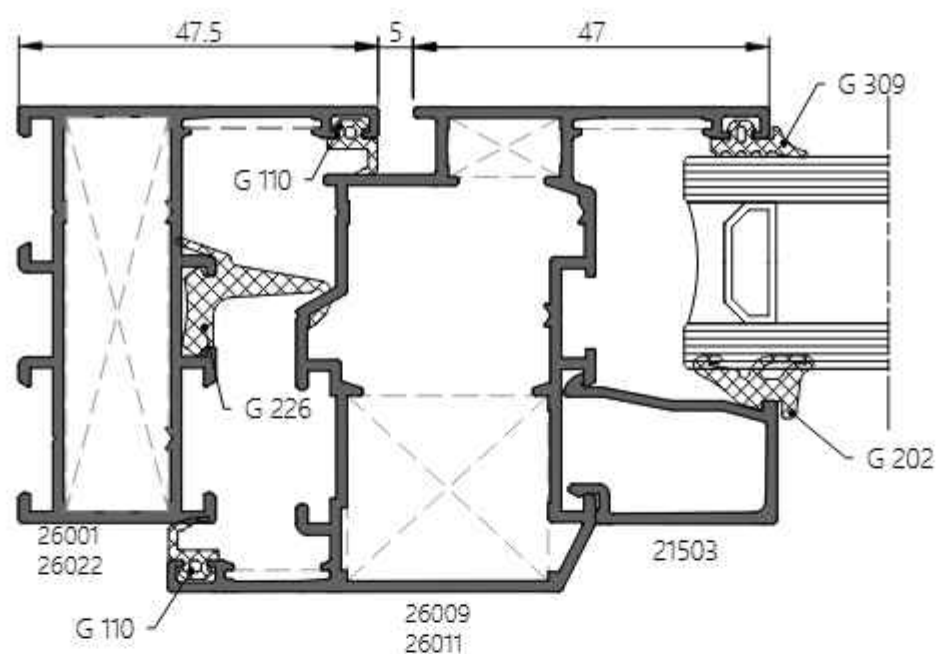
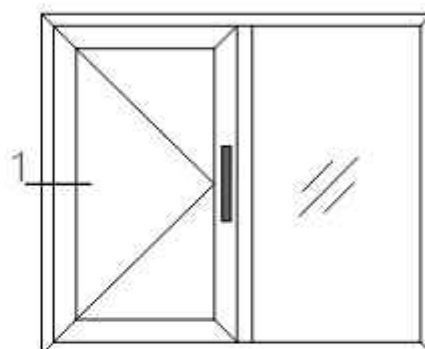
ACCESSORIES

Drawing	Code	Description	Material
	316-3	Press Corner Cleat 22.8(mm)	Aluminium
	317-2	Press Corner Cleat 7.4(mm)	

Glass Size		
A(mm)	B	C
6	G 203	21507
8	G 202	21507
10	G 201	21507
12	G 203	21506
14	G 202	21506
16	G 203	21505
18	G 202	21505
20	G 203	21504
22	G 202	21504
24	G 202	21504
26	G 202	21503
28	G 203	21502
30	G 202	21502
32	G 201	21502
34	G 203	21501

Glass Size		
A(mm)	B	C
6	G 203	21507
8	G 202	21507
10	G 201	21507
12	G 203	21506
14	G 202	21506
16	G 203	21505
18	G 202	21505
20	G 203	21504
22	G 202	21504
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26	G 202	21503
28	G 203	21502
30	G 202	21502
32	G 201	21502
34	G 203	21501

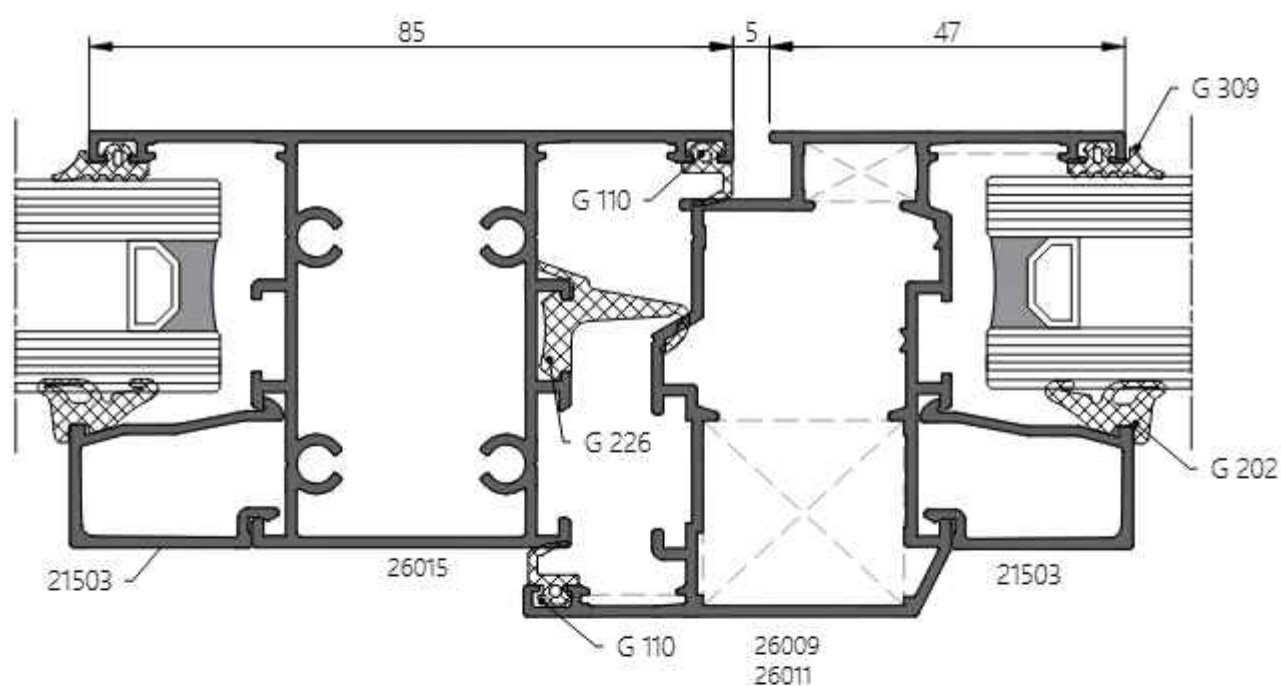
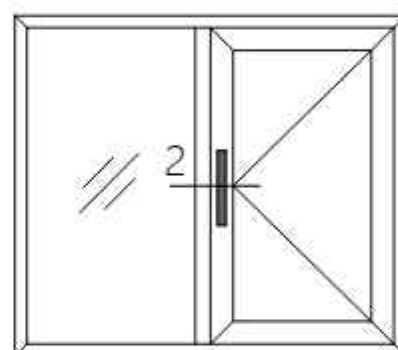




1

HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge

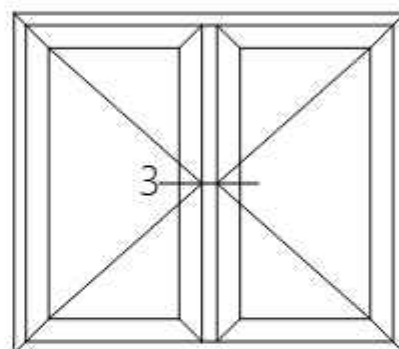
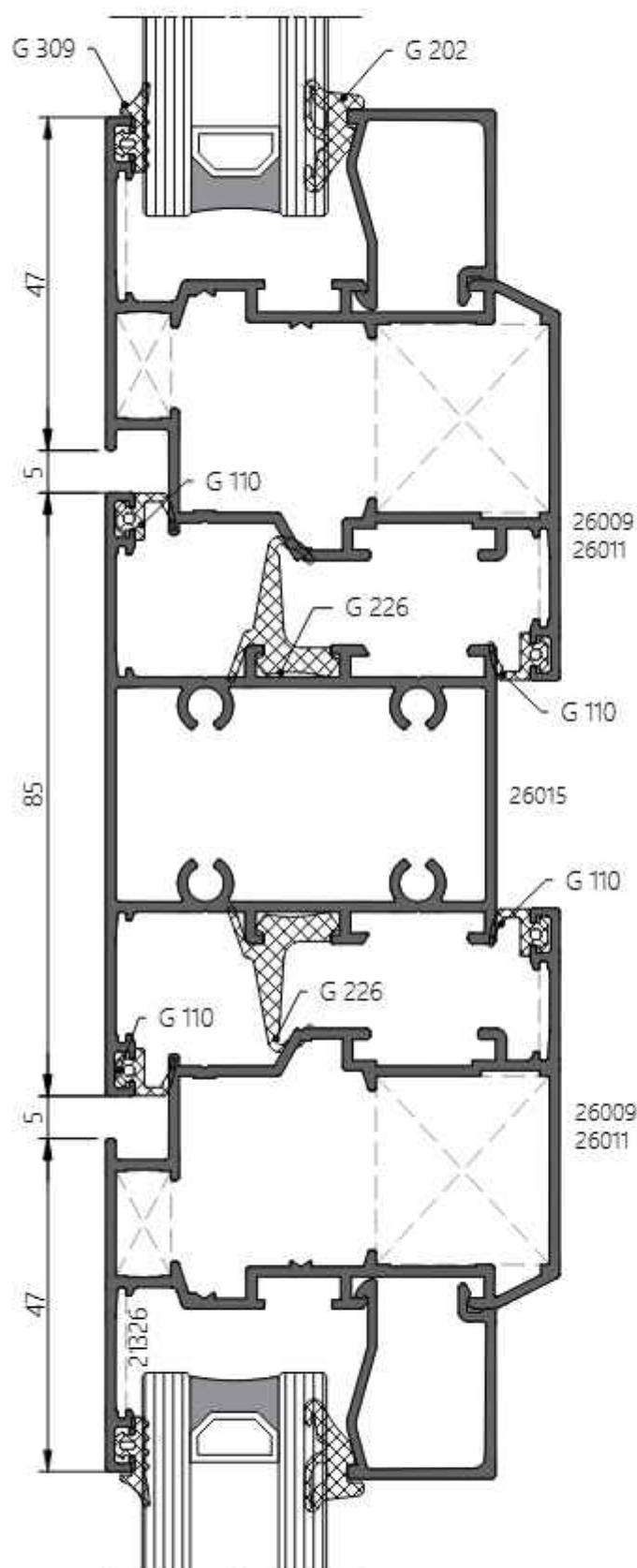
www.Bendini.co



2

HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge

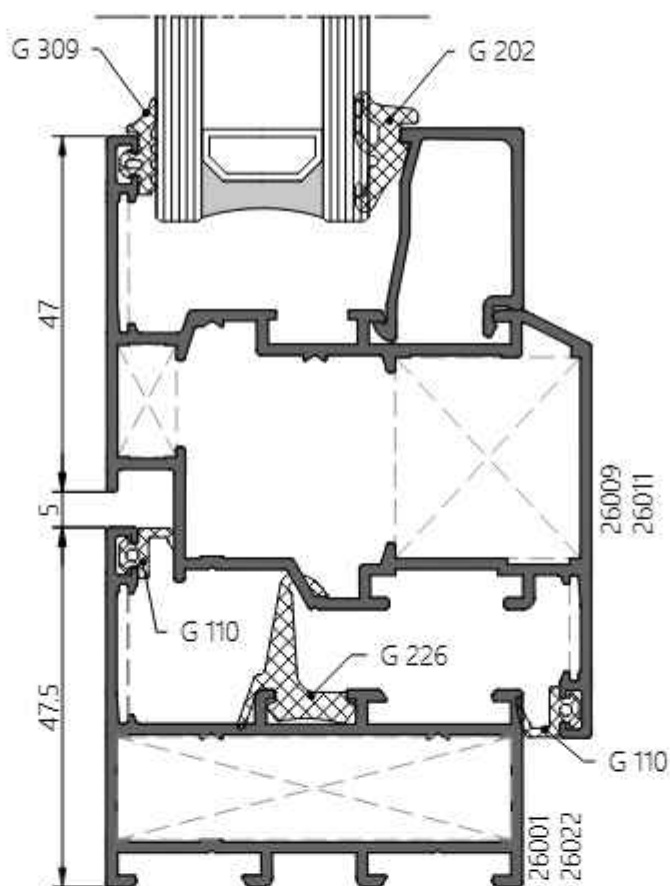
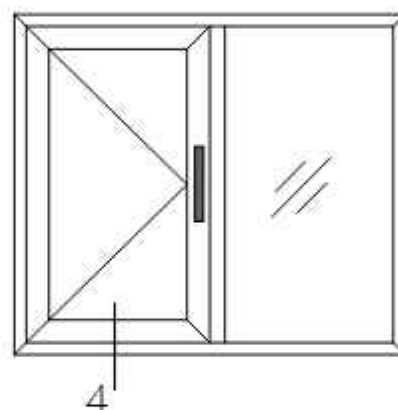
www.Bendini.co



3

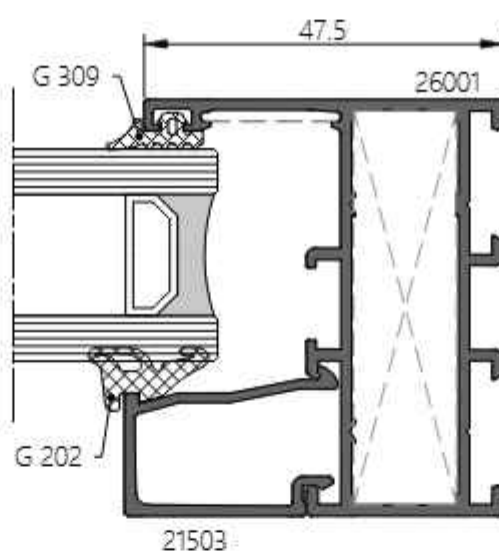
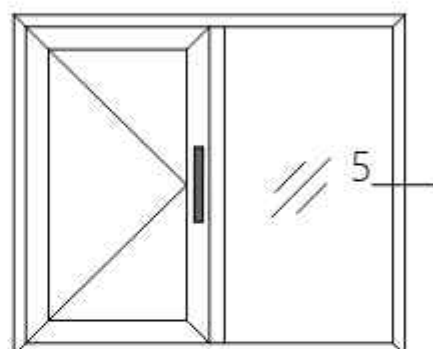
HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge

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4

HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge



5

HATCH GUIDE : ● Aluminium

● PolyAmid

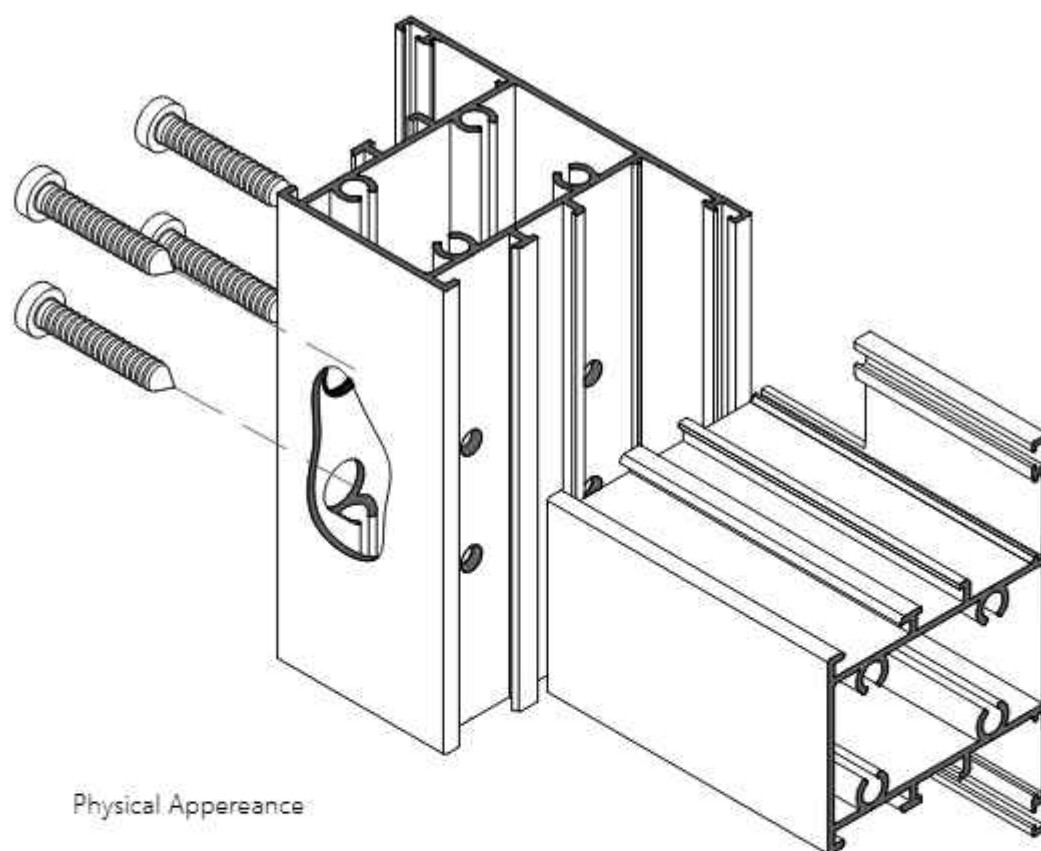
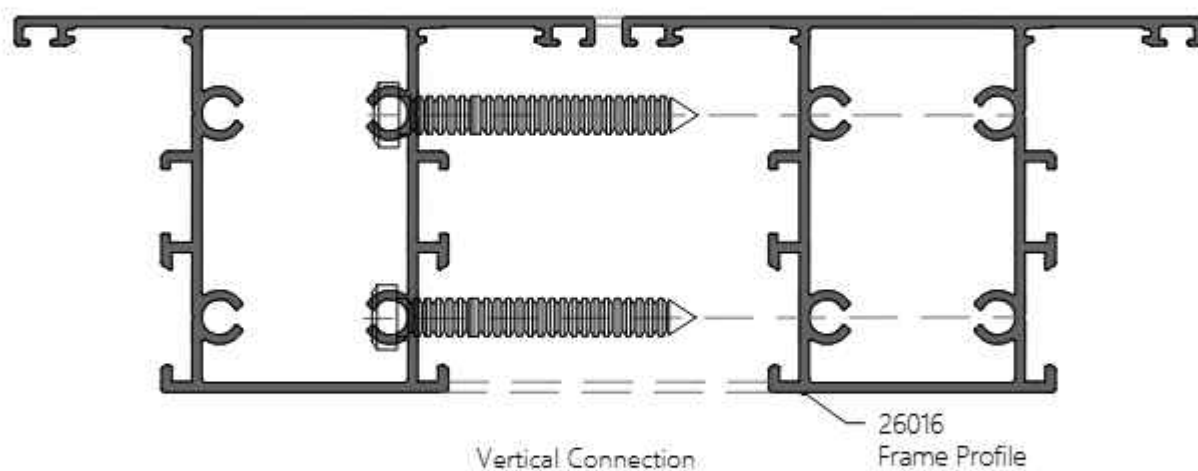
● PVC

● EPDM

● Sponge

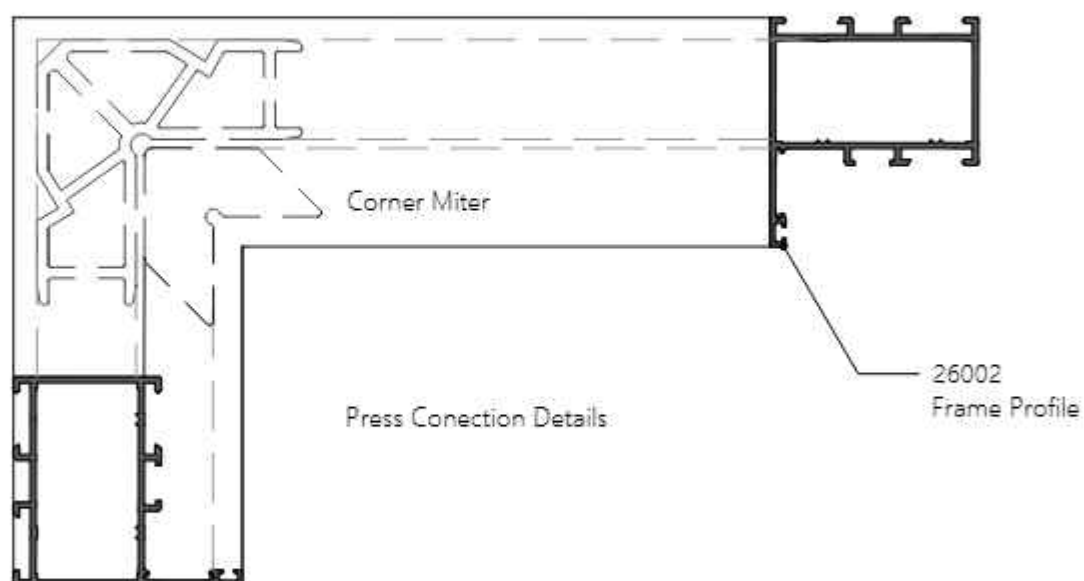
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Middle Register Connection Details



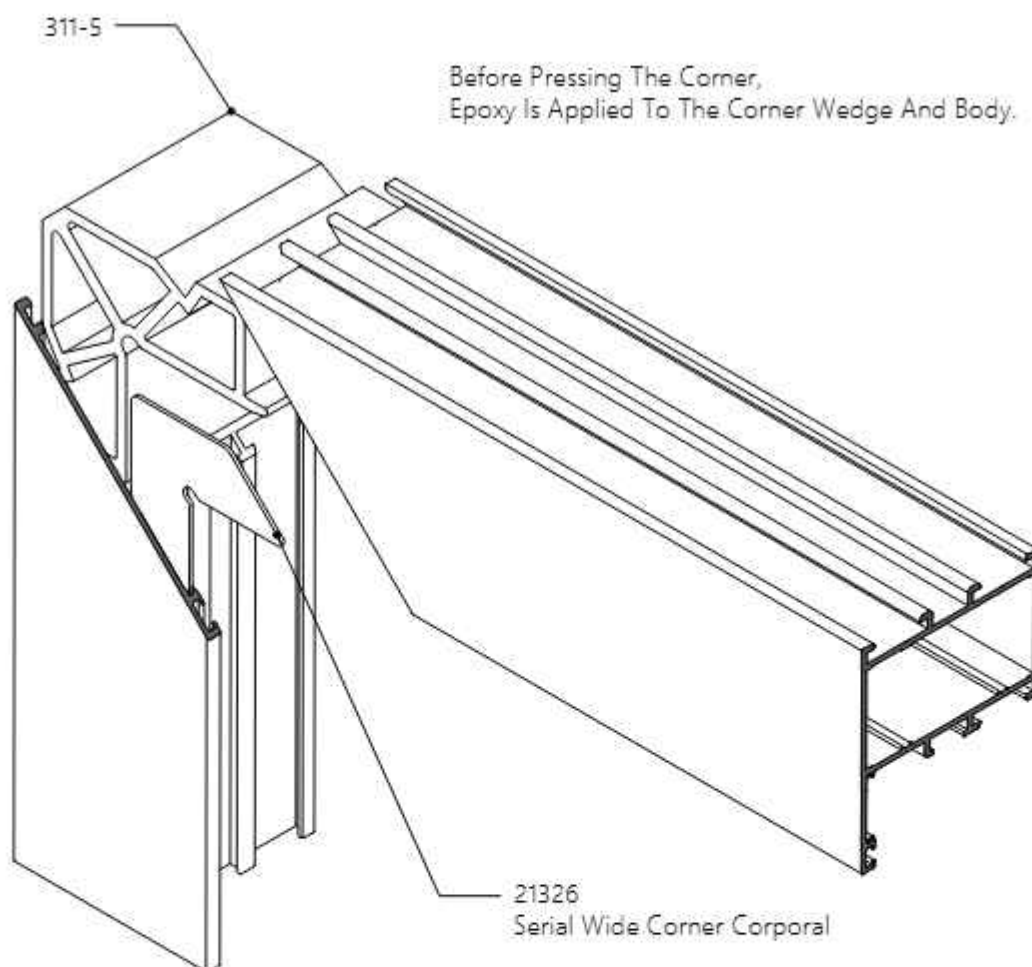
Physical Appearance

Corner Wedge



311-5

Before Pressing The Corner,
Epoxy Is Applied To The Corner Wedge And Body.



21326
Serial Wide Corner Corporal

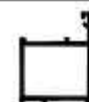
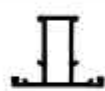
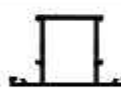
HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge

ALDOX HN 45

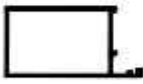
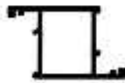
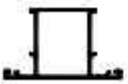
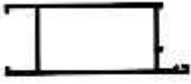


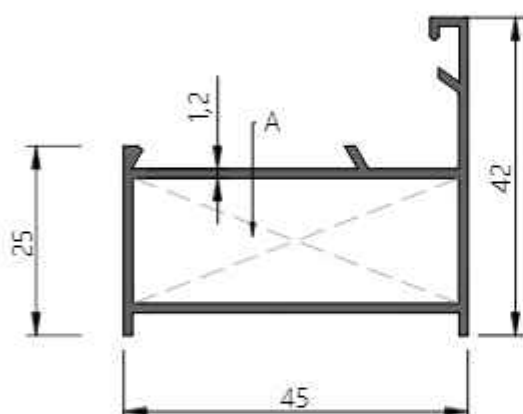
NOTE

OVERVIEW OF PROFILES

DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE <i>I_x(cm⁴) / I_y(cm⁴)</i>
	2401	0.545	Frame Profile	2.13 / 6.16
	2402A	0.605	Frame Profile	5.44 / 8.66
	2402B	0.660	Frame Profile	5.44 / 8.66
	15710	0.830	Frame Profile	0.1 / 2.60
	2408A	0.605	Sash Profile	2.64 / 8.77
	2408B	0.660	Sash Profile	2.64 / 8.77
	2409A	0.710	Sash Profile	13.88 / 6
	2409B	0.760	Sash profile	13.88 / 6
	2415	0.645	Mullion Profile	6.82 / 4.49
	2416A	0.710	Mullion profile	8.45 / 10.86
	2416B	0.760	Mullion profile	8.45 / 10.86
	2451	0.260	Glazing Bead	/
	2452	0.210	Glazing Bead	/

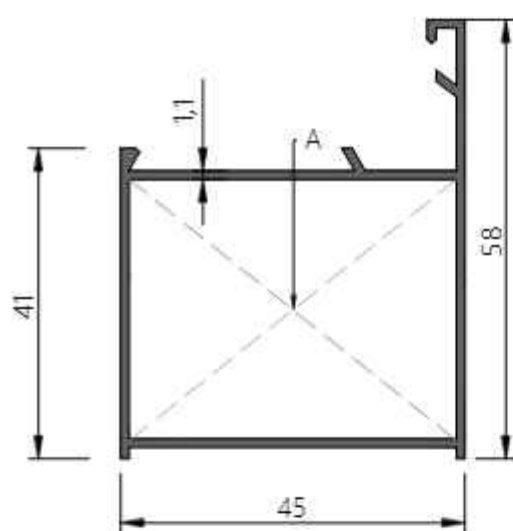
OVERVIEW OF PROFILES

DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE <i>I_x(cm⁴) / I_y(cm⁴)</i>
	522006	0.602	Frame Profile	9.66 / 6.12
	522019	0.710	Corner Profile	16.45 / 4.62
	522022	0.990	Frame Profile	12.72 / 31.34
	522004	0.764	Sash Profile	6.49 / 14.84
	522005	0.766	Mullion profile	9.19 / 11.71
	522021	1.125	Mullion Profile	14.95 / 42.43
	522023	1.130	Sash profile	13.75 / 44.45
	522014	1.147	Frame profile	16.11 / 54.94
	522013	0.177	Glazing Bead	/
	522000	0.212	Glazing Bead	/



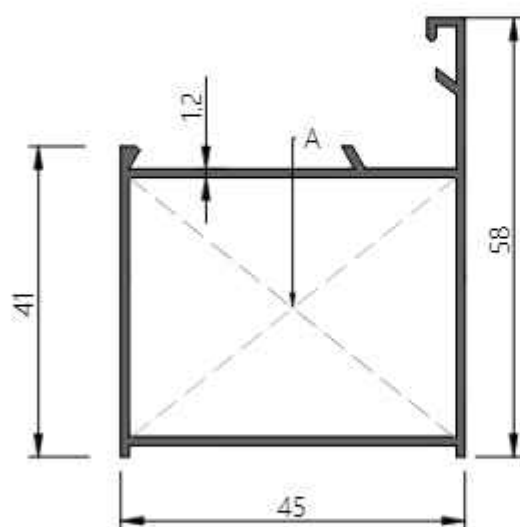
Profile Name	Profile Code	Weight (Kg/m)
Frame Profile	2401	0.545

Corner Cleat	A
	715-1 42.6mm



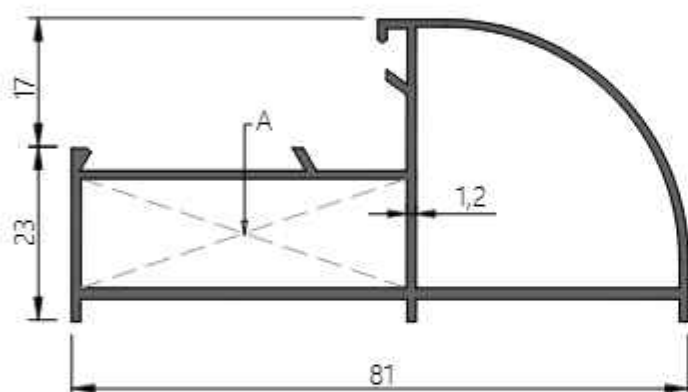
Profile Name	Profile Code	Weight (Kg/m)
Frame Profile	2402A	0.605

Corner Cleat	A
	732-1 42.6mm



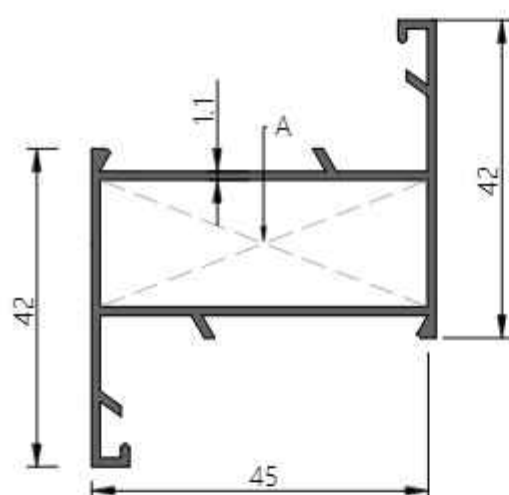
Profile Name	Profile Code	Weight (Kg/m)
Frame Profile	2402B	0.660

Corner Cleat	A
	732-1 42.6mm



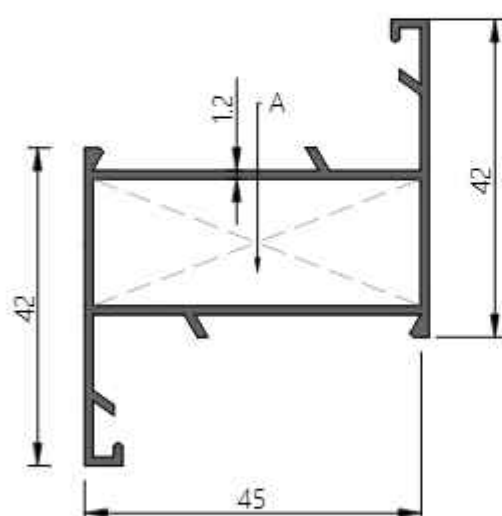
Profile Name	Profile Code	Weight (Kg/m)
Frame Profile	15710	0.830

Corner Cleat	A
	317-6 42.7mm



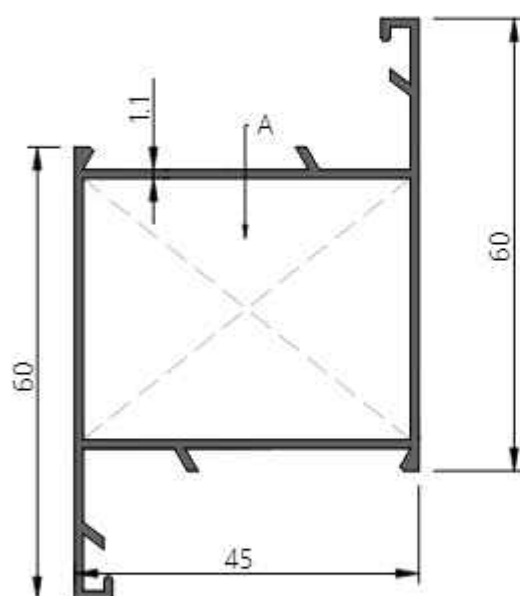
Profile Name	Profile Code	Weight (Kg/m)
Sash Profile	2408A	0.605

Corner Cleat	A
	715-1 42.6mm



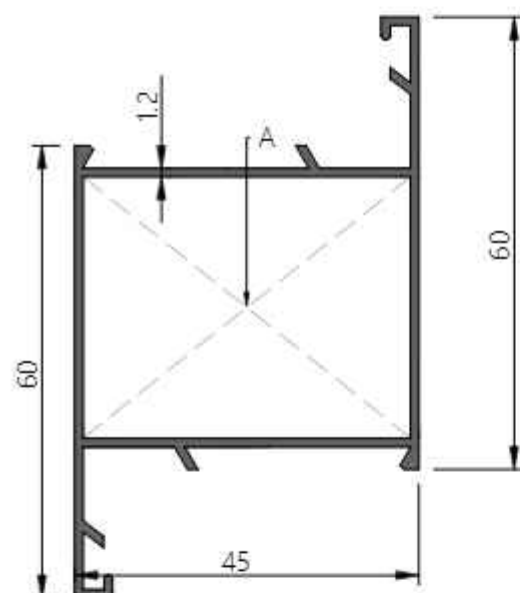
Profile Name	Profile Code	Weight (Kg/m)
Sash Profile	2408B	0.660

Corner Cleat	A
	715-1 42.6mm



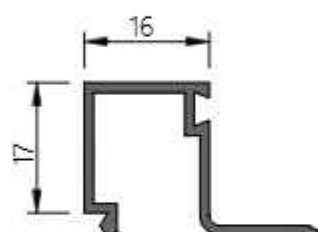
Profile Name	Profile Code	Weight (Kg/m)
Sash Profile	2409A	0.710

Corner Cleat	A
	732-1 42.6mm

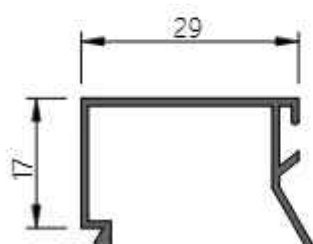


Profile Name	Profile Code	Weight (Kg/m)
Sash Profile	2409B	0.760

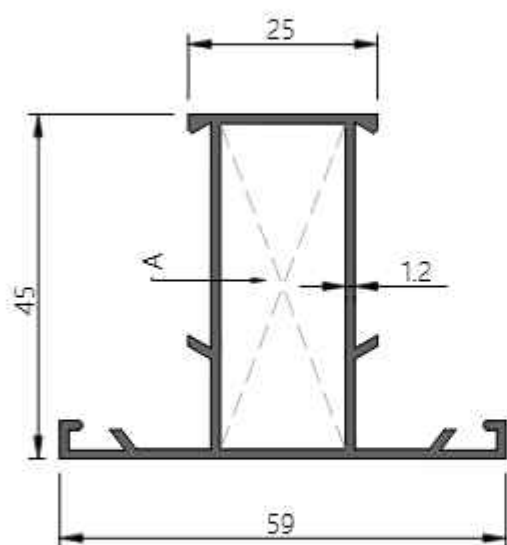
Corner Cleat	A
	732-1 42.6mm



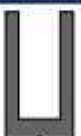
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	2451	0.260

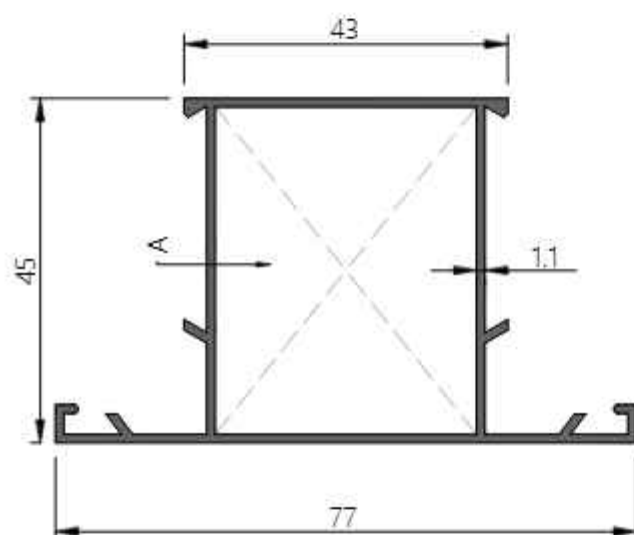


Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	2452	0.210



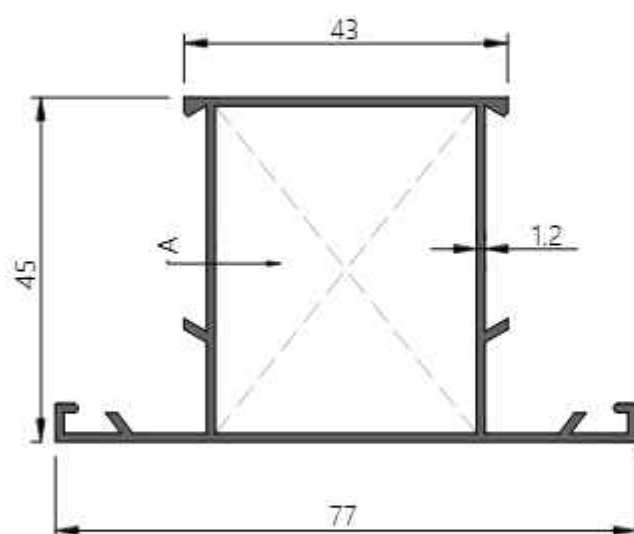
Profile Name	Profile Code	Weight (Kg/m)
Mullion Profile	2415	0.645

Corner Cleat	A
	715-1 42.6mm



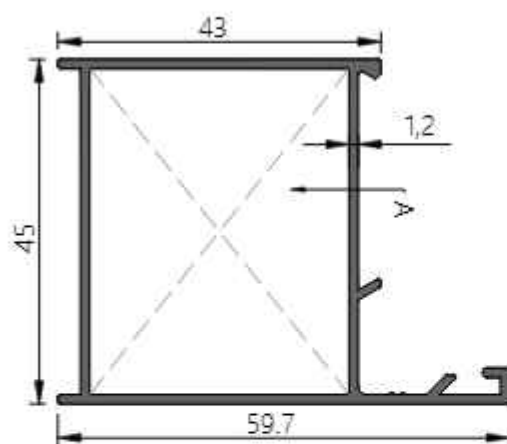
Profile Name	Profile Code	Weight (Kg/m)
Mullion Profile	2416A	0.710

Corner Cleat	A
	732-1 42.6mm



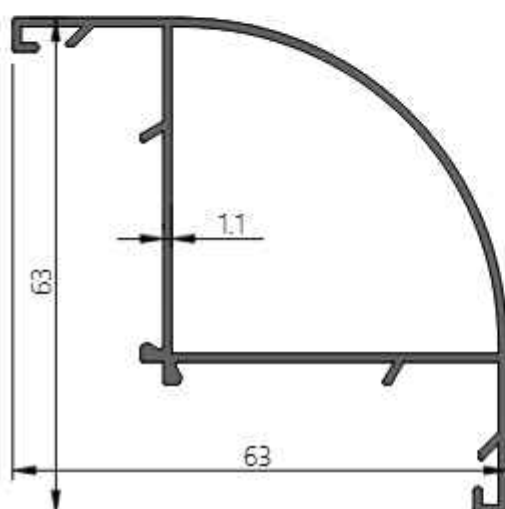
Profile Name	Profile Code	Weight (Kg/m)
Mullion Profile	2416B	0.760

Corner Cleat	A
	732-1 42.6mm

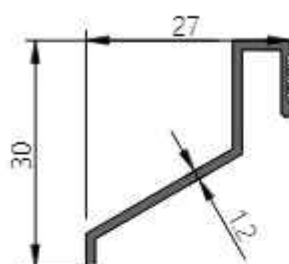


Profile Name	Profile Code	Weight (Kg/m)
Frame Profile	522006	0.662

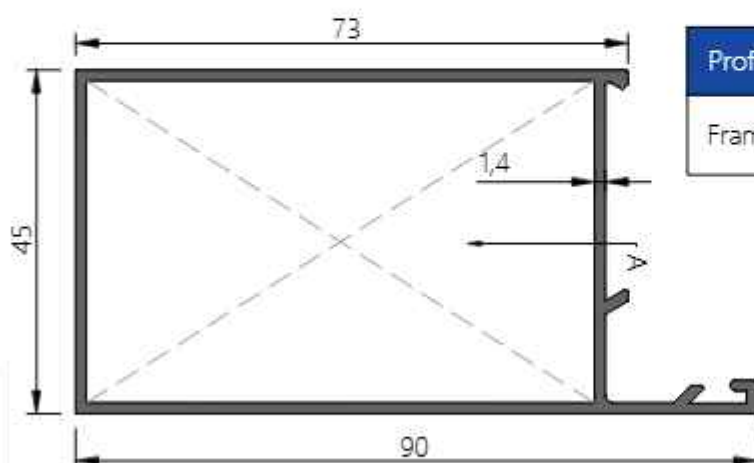
Corner Cleat	A
	732-1 42.6mm



Profile Name	Profile Code	Weight (Kg/m)
Corner Profile	522019	0.710

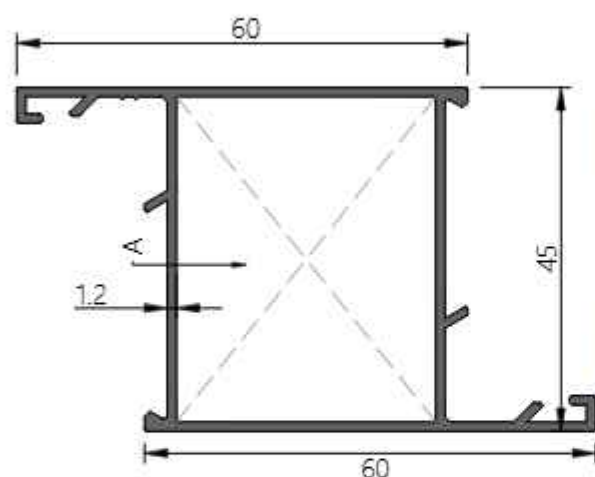


Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	522013	0.177



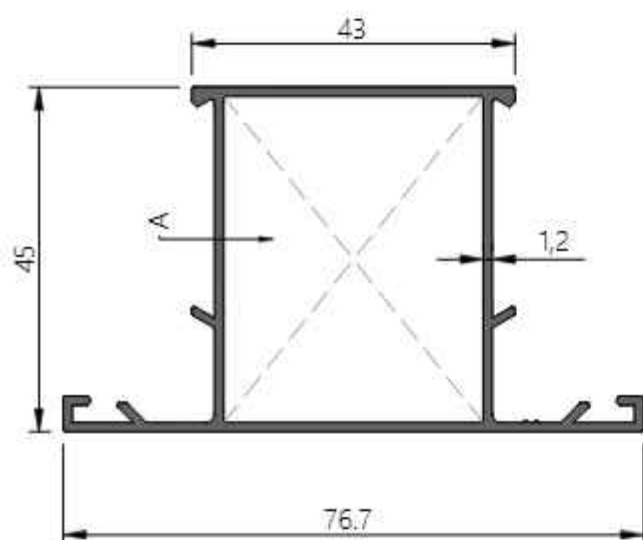
Profile Name	Profile Code	Weight (Kg/m)
Frame Profile	522022	0.990

Corner Cleat	A
	66.8 42.2 mm



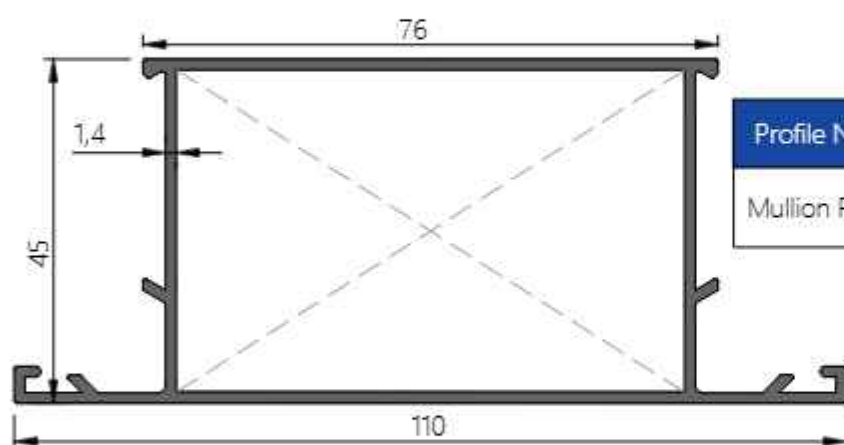
Profile Name	Profile Code	Weight (Kg/m)
Sash Profile	522004	0.764

Corner Cleat	A
	732-1 42.6mm

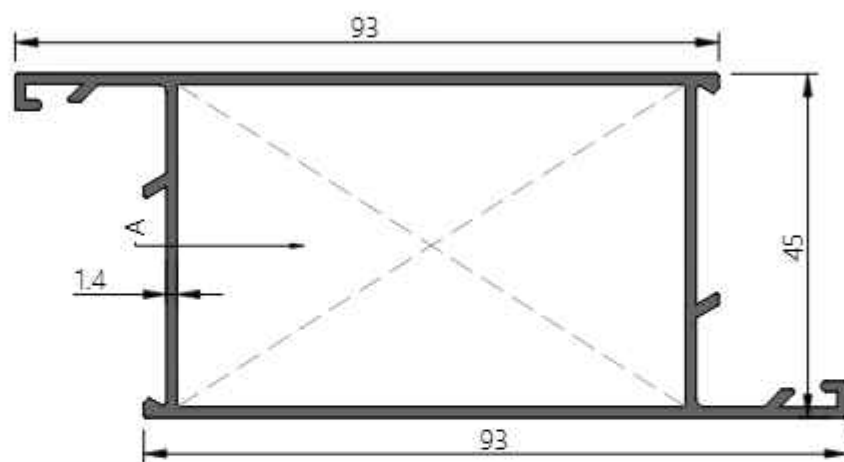


Profile Name	Profile Code	Weight (Kg/m)
Mullion Profile	522005	0.766

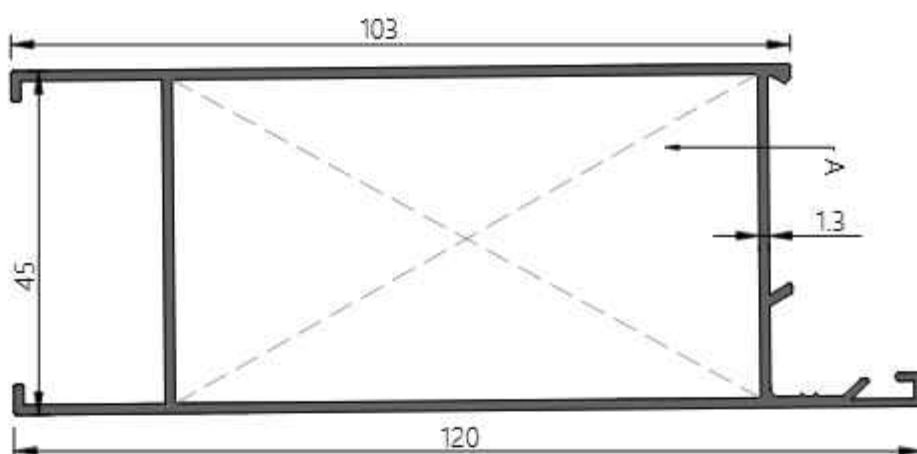
Corner Cleat	A
	732-1 42.6mm



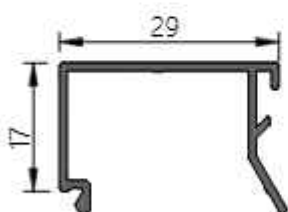
Profile Name	Profile Code	Weight (Kg/m)
Mullion Profile	522021	1.125



Profile Name	Profile Code	Weight (Kg/m)	Corner Cleat	A
Sash Profile	522023	1.130		-

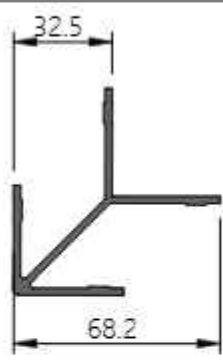
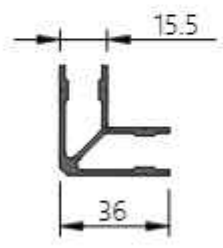


Profile Name	Profile Code	Weight (Kg/m)	Corner Cleat	A
Frame Profile	522014	1.147		-

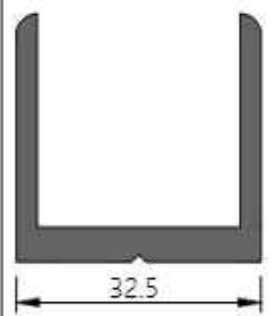
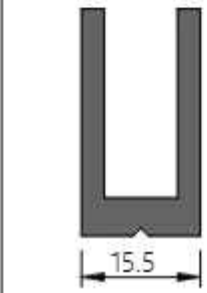
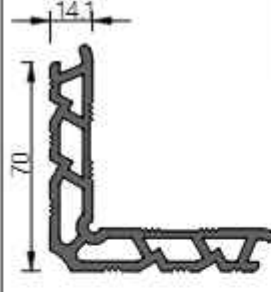


Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	522000	0.212

ACCESSORIES

Drawing	Code	Description	Material
	G 108	Interior Glazing Gasket 2mm	EPDM
	G 202	Interior Glazing Gasket 6mm	
	G 203	Interior Glazing Gasket 8mm	
	G 216	Gasket For Frame Profile	
	B 32	Brush Gasket	
	732-1	2402A 2402B 2409A 2409B 2416A 2416B Press Corner Cleat 42.6mm	Aluminium
	715-1	2415 & 2408 & 2401 Press Corner Cleat 42.6mm	

ACCESSORIES

Drawing	Code	Description	Material
	632-1	2416 Press Corner Cleat 42.6mm	Aluminium
	615-1	2415 Press Corner Cleat 42.6mm	
	317-7	Press Corner Cleat 42.7mm	

NOTE

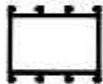
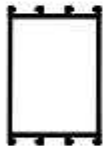
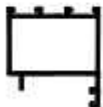
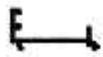
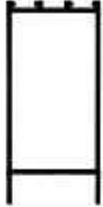
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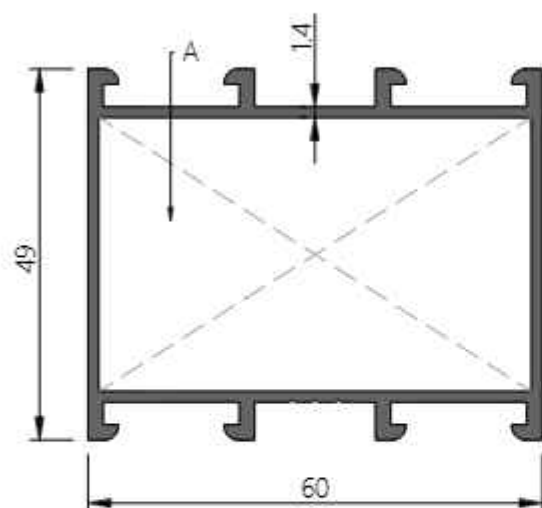
(C 60)



NOTE

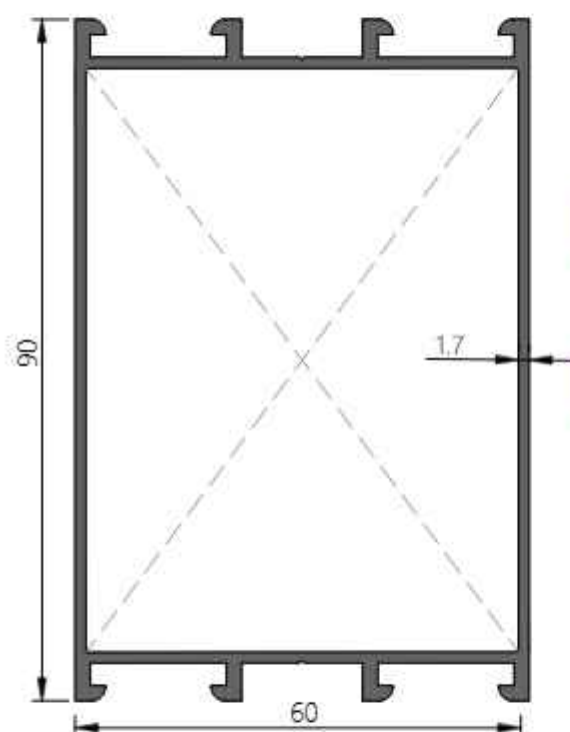
OVERVIEW OF PROFILES

DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE I_x(cm⁴) / I_y(cm⁴)
	521980-14	1.015	Frame And Mullion profile	12.37 / 18.56
	521984-14	1.330	Frame And Mullion profile	56.25 / 28.45
	521981-14	1.055	Sash Profile	14.06 / 22.71
	521983-14	1.090	Corner 90° profile	25.80 / 15.05
	525009	0.421	Sash profile	0.50 / 6.82
	521982-14	1.545	Bottom rail profile	115.10 / 37.55
	521990	0.250	Glazing Bead	/
	521985	0.282	Glazing Bead	/
	521987	0.310	Glazing Bead	/
	521986	0.230	Glazing Bead	/



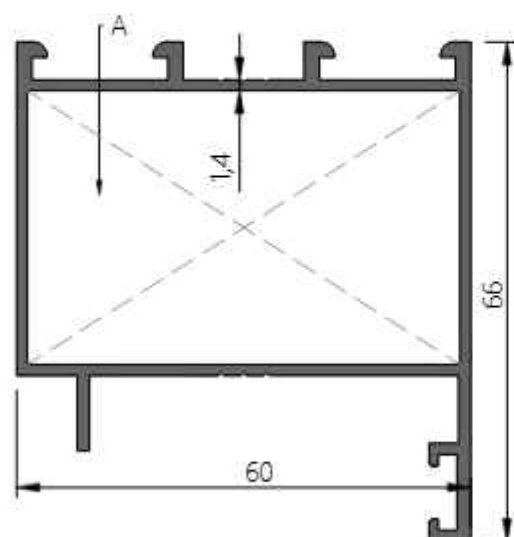
Profile Name	Profile Code	Weight (Kg/m)
Frame and Mullion Profile	521980-14	1.015

Corner Cleat	A
	Cc: 35.8 mm Cut: 56.8



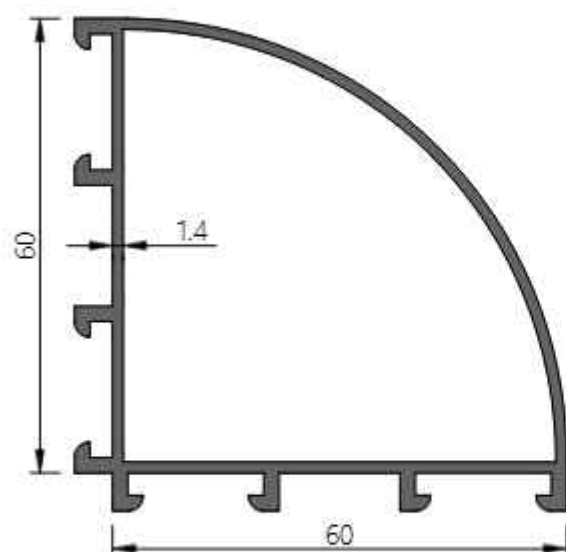
Profile Name	Profile Code	Weight (Kg/m)
Frame and Mullion Profile	521984-14	1.330

Corner Cleat	A
	Cc: 76.8 mm Cut: 56.8

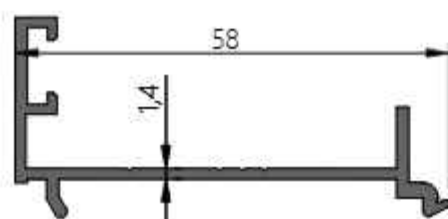


Profile Name	Profile Code	Weight (Kg/m)
Sash Profile	521981-14	1.055

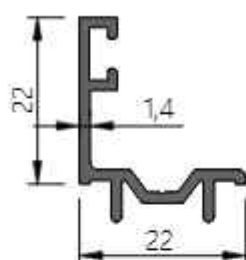
Corner Cleat	A
	Cc: 38.8 mm Cut: 56.8



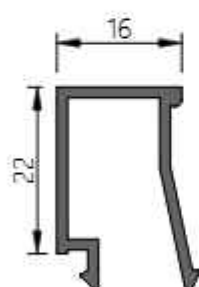
Profile Name	Profile Code	Weight (Kg/m)
Corner 90° Profile	521983-14	1.090



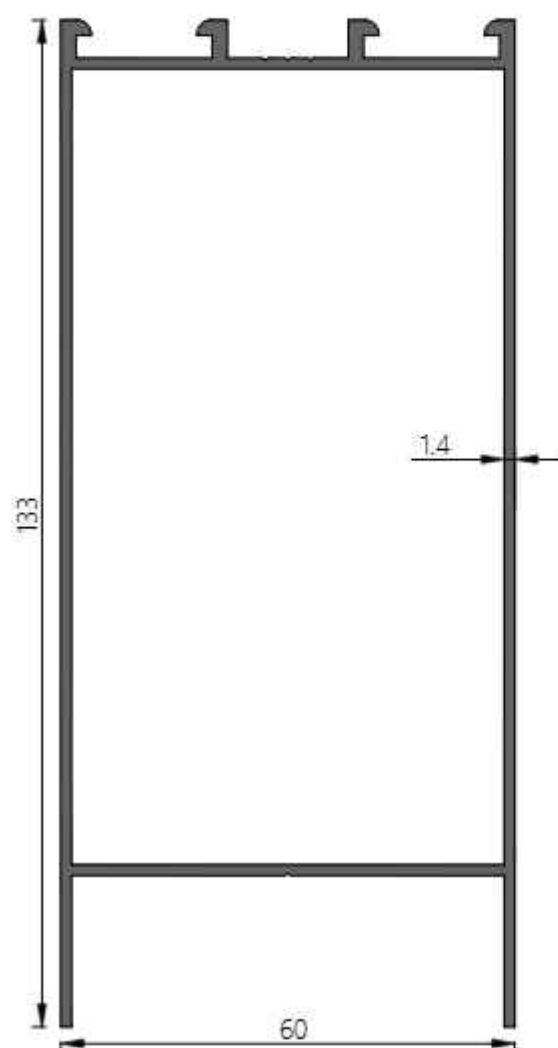
Profile Name	Profile Code	Weight (Kg/m)
Sash Profile	525009	0.421



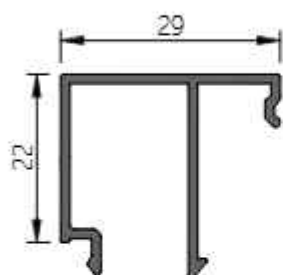
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	521990	0.250



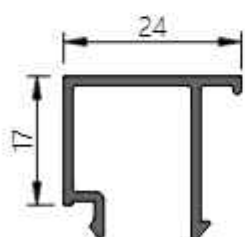
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	521985	0.282



Profile Name	Profile Code	Weight (Kg/m)
Bottom Rail Profile	521982-14	1.545



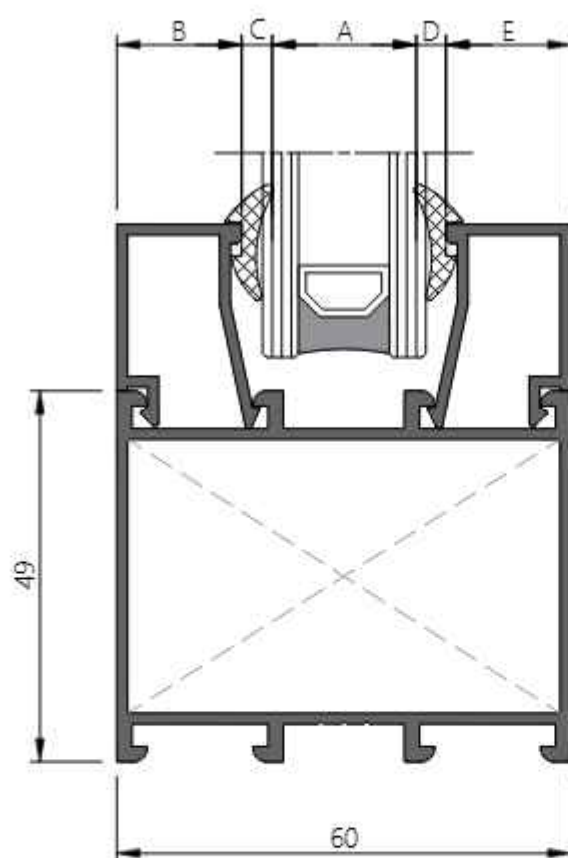
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	521987	0.310



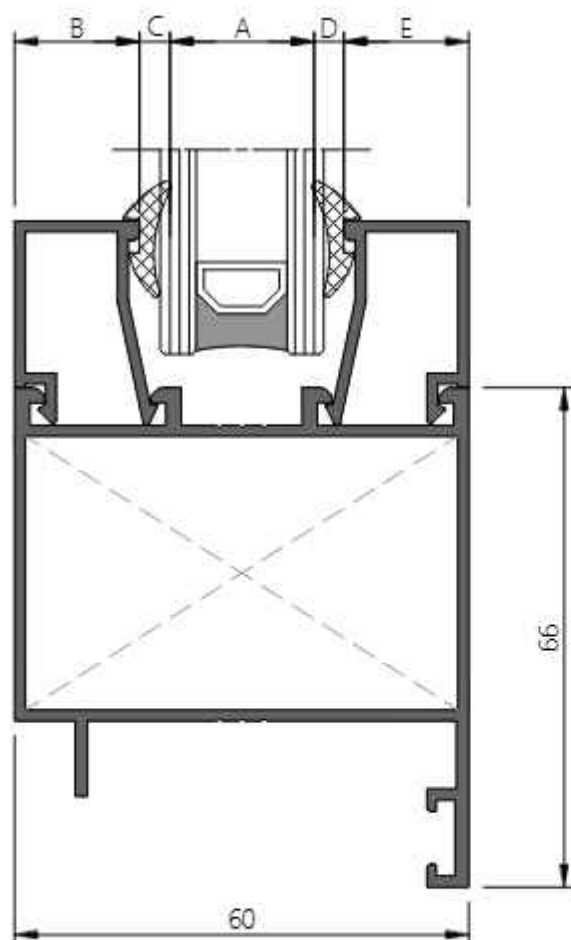
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	521986	0.230

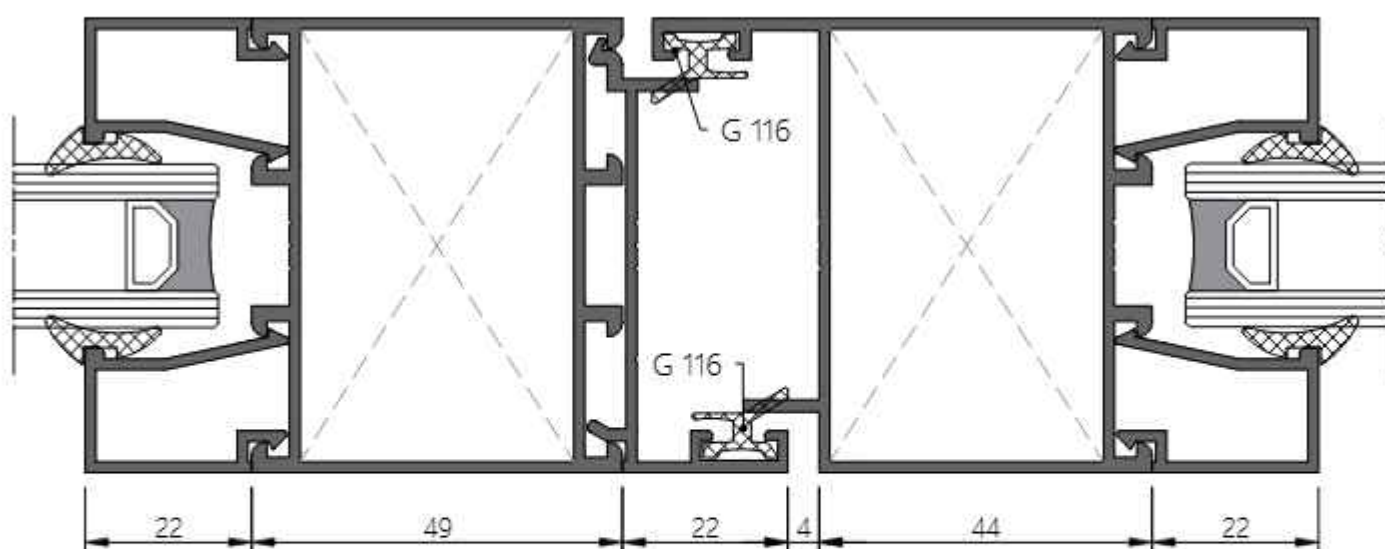
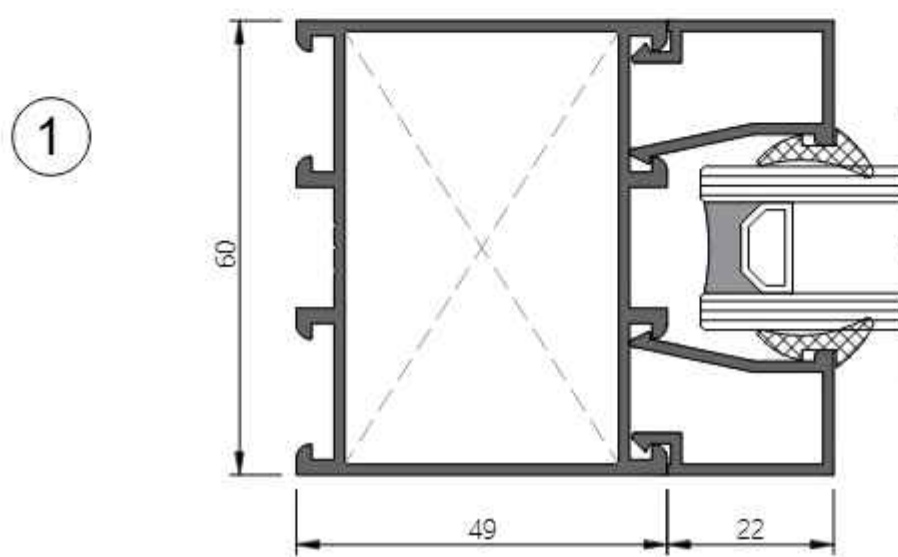
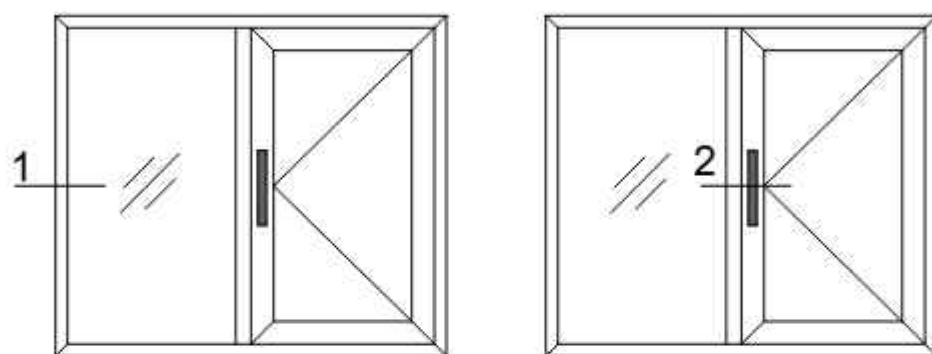
ACCESSORIES			
Drawing	Code	Description	Material
	G 108	Interior Glazing Gasket 2mm	EPDM
	G 201	Interior Glazing Gasket 4mm	
	G 202	Interior Glazing Gasket 6mm	
	G 203	Interior Glazing Gasket 8mm	
	G 116	Gasket For Frame Profile	

Glass Size				
A(mm)	B	C	D	E
6	G 201	521986	G 201	521986
8	G 108	521986	G 108	521986
10	G 108	521987	G 108	521985
12	G 203	521985	G 203	521985
14	G 202	521985	G 202	521985
16	G 202	521985	G 201	521985
18	G 201	521985	G 201	521985
20	G 201	521985	G 108	521985
22	G 108	521985	G 108	521985
24	G 203	521985	G 203	521990
26	G 202	521985	G 202	521990
28	G 203	521985	G 201	521990
30	G 201	521985	G 201	521990



Glass Size				
A(mm)	B	C	D	E
6	G 201	521986	G 201	521986
8	G 108	521986	G 108	521986
10	G 108	521987	G 108	521985
12	G 203	521985	G 203	521985
14	G 202	521985	G 202	521985
16	G 202	521985	G 201	521985
18	G 201	521985	G 201	521985
20	G 201	521985	G 108	521985
22	G 108	521985	G 108	521985
24	G 203	521985	G 203	521990
26	G 202	521985	G 202	521990
28	G 203	521985	G 201	521990
30	G 201	521985	G 201	521990

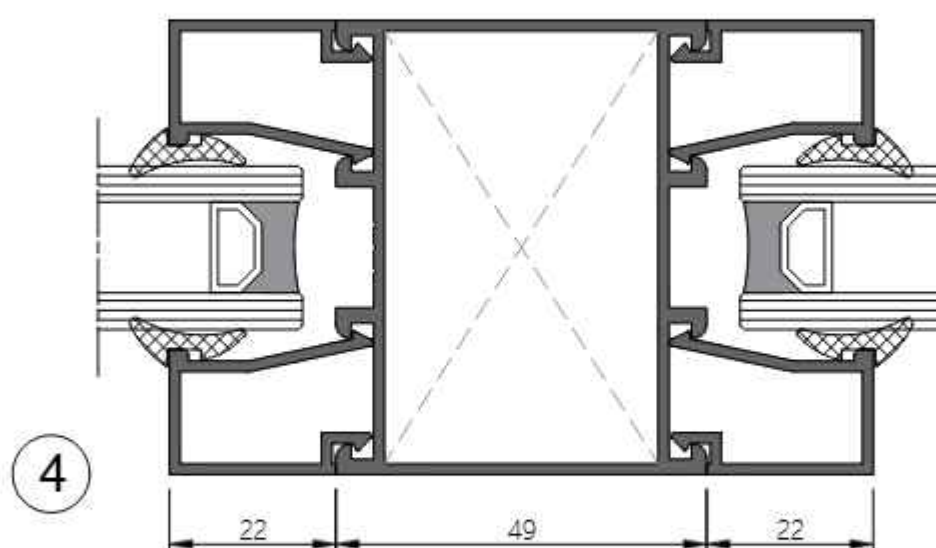
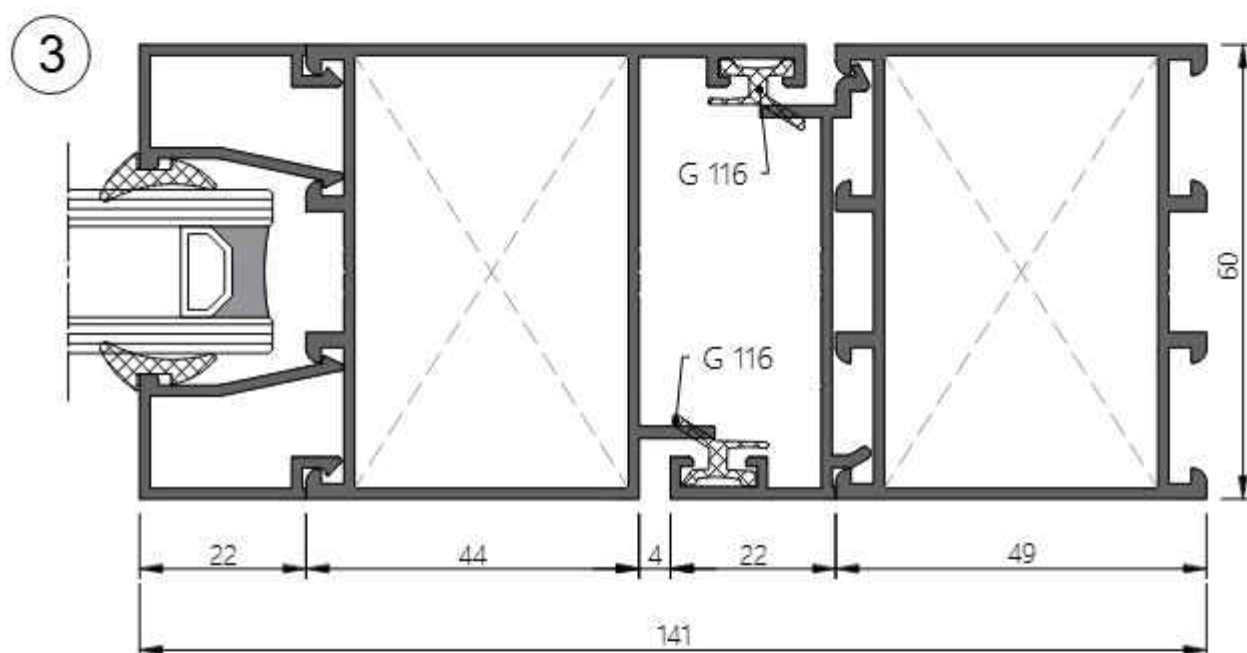
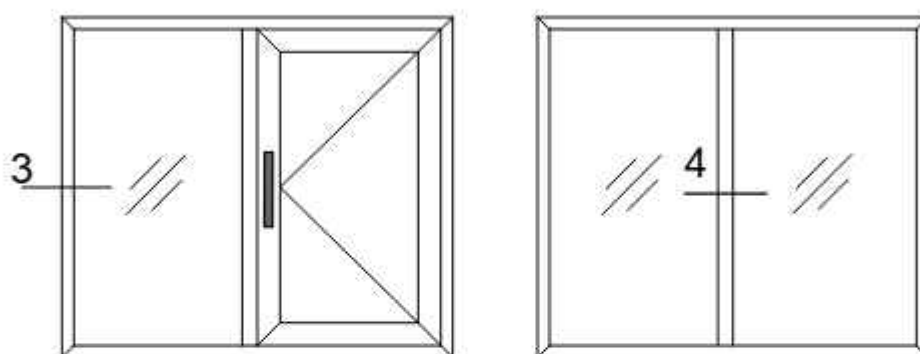




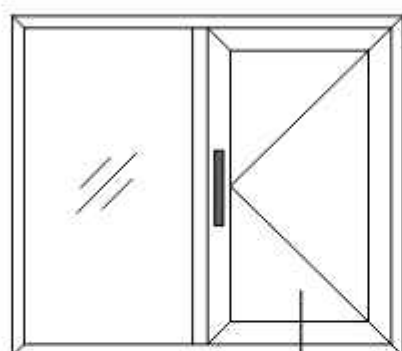
②

HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge

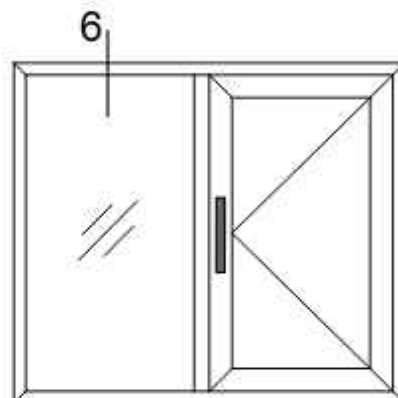
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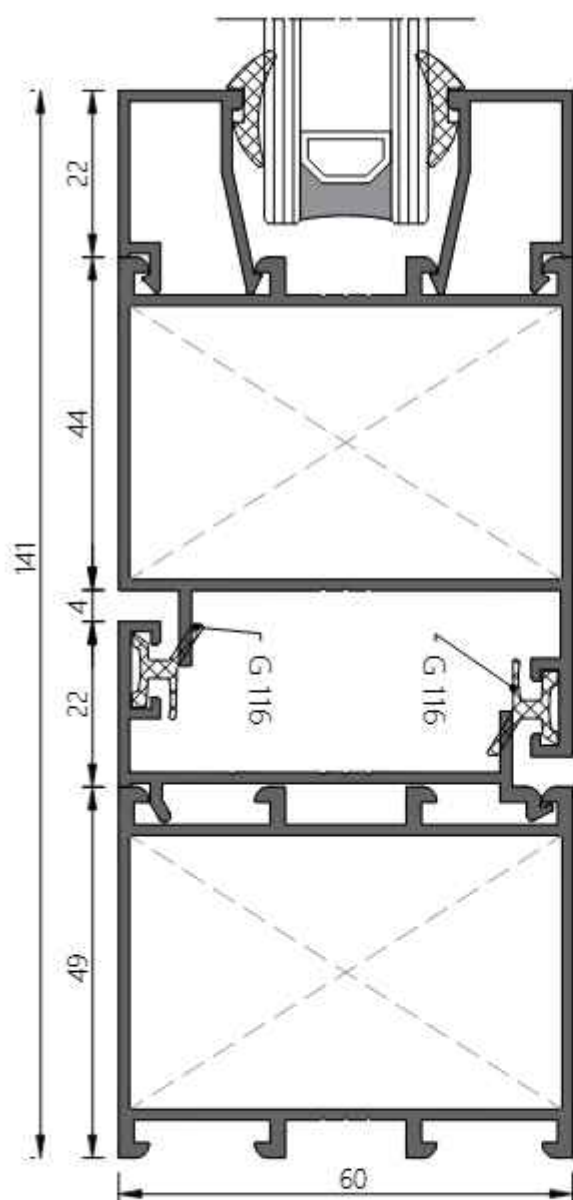
HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge



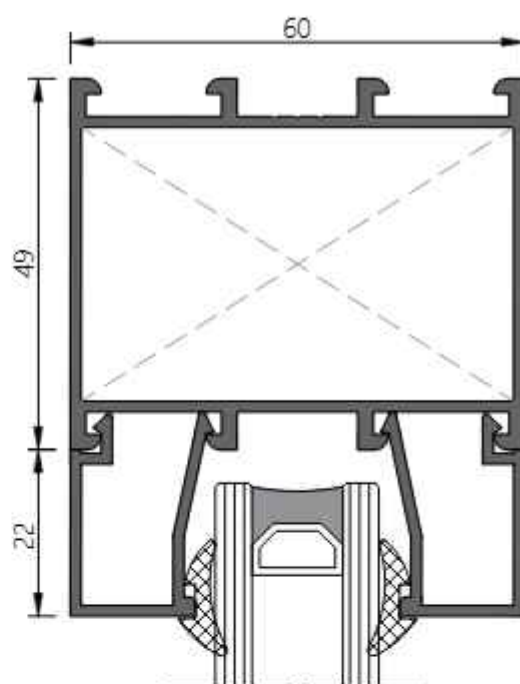
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6

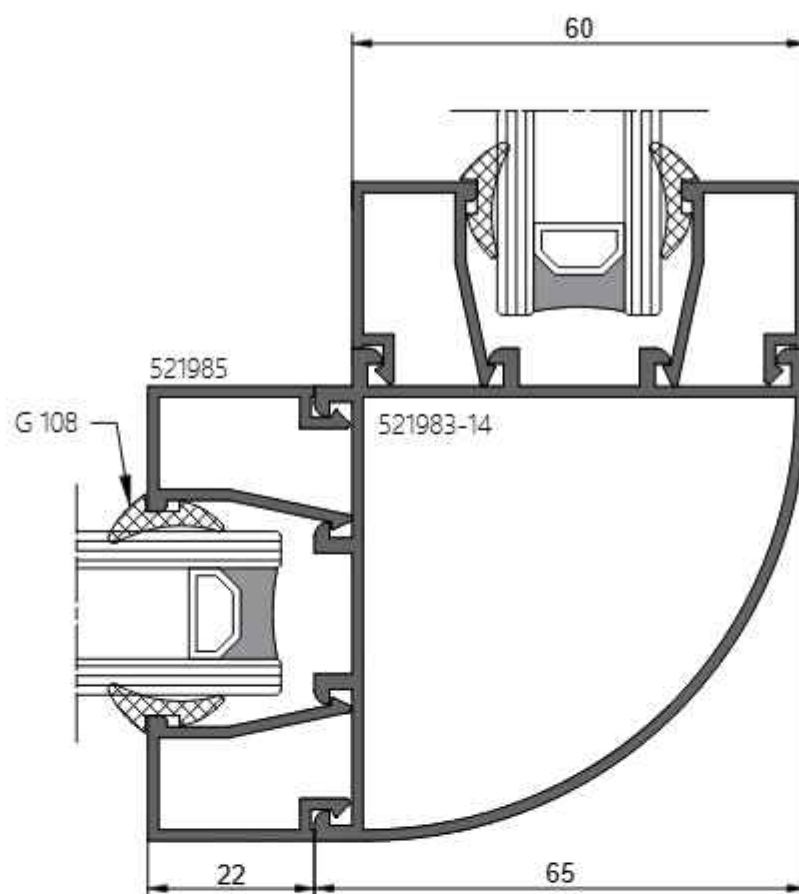
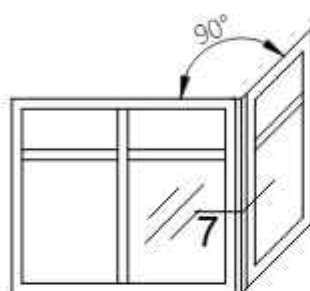


5



6

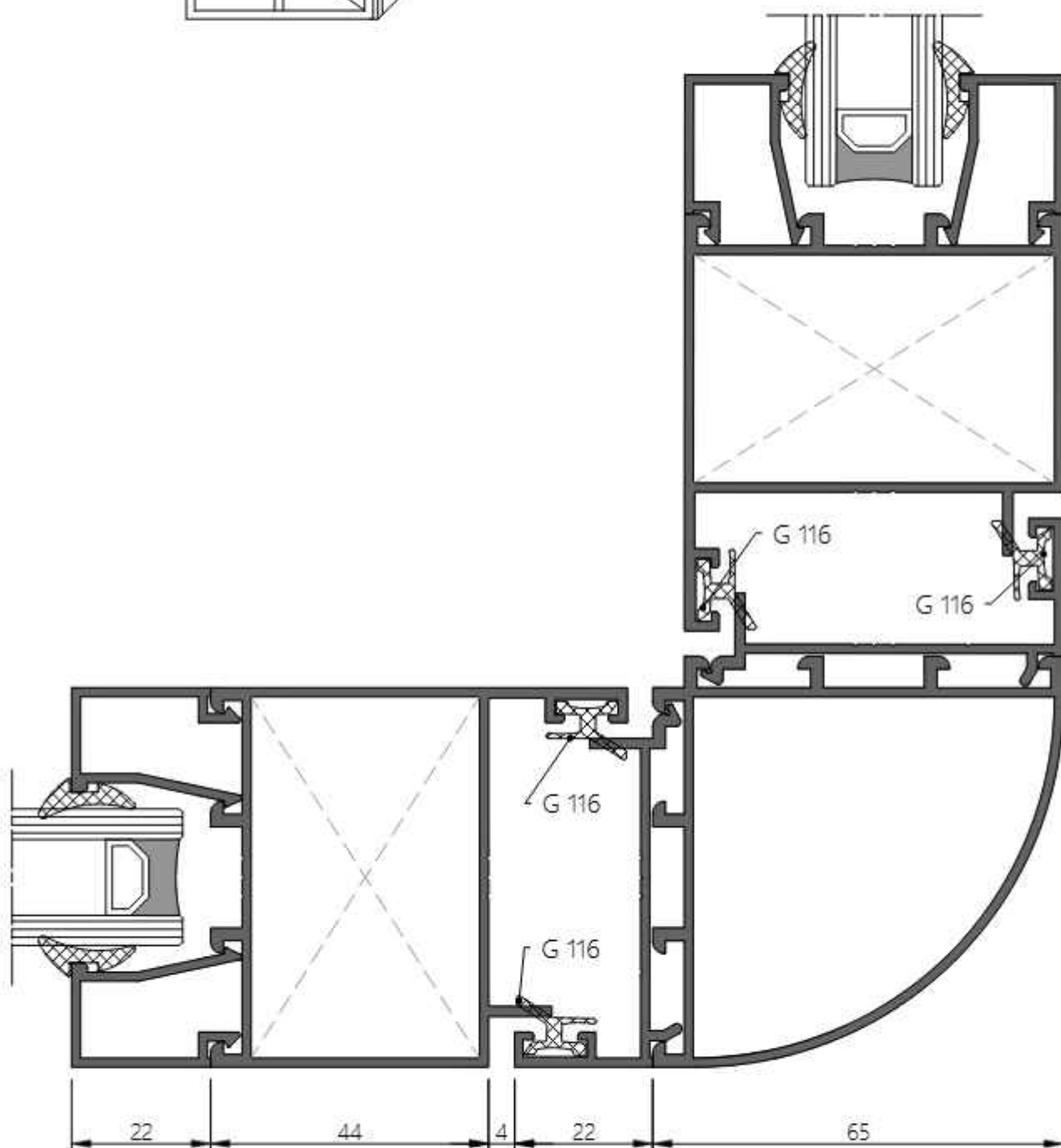
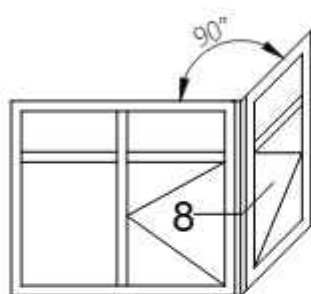
HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge



7

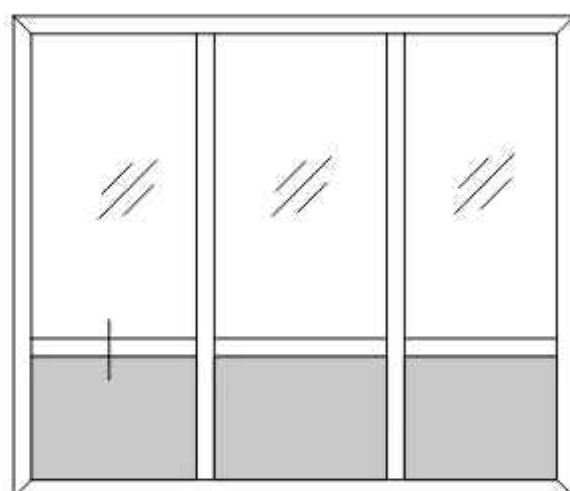
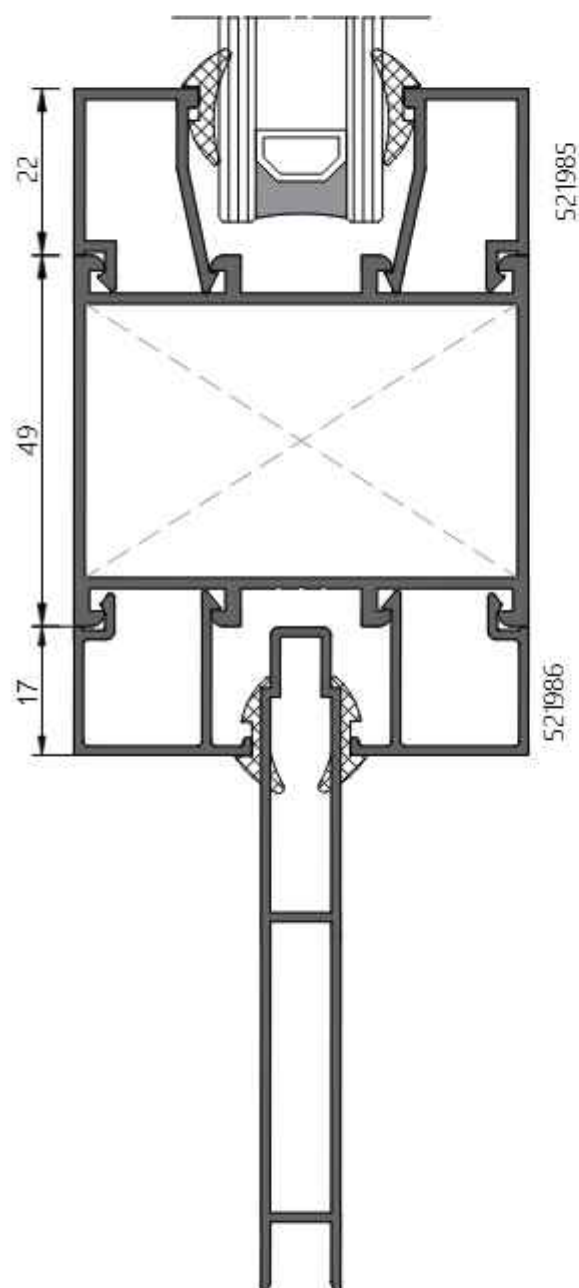
HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge

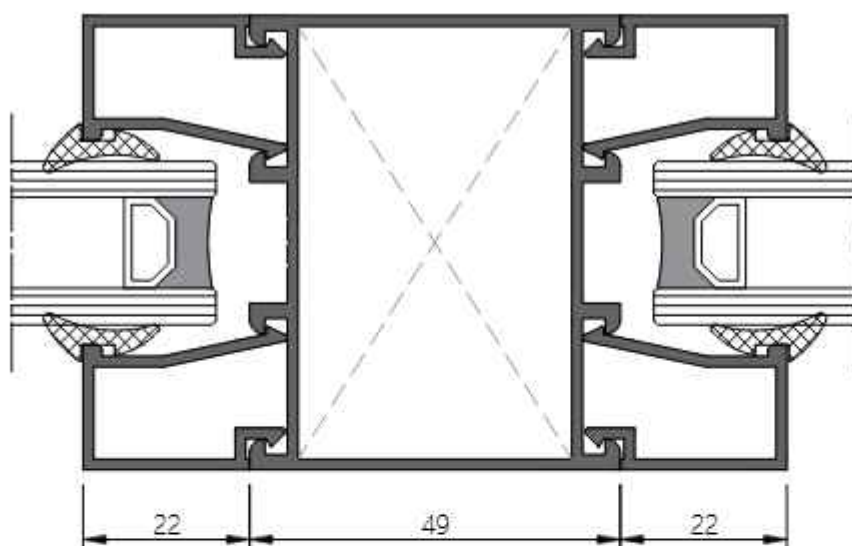
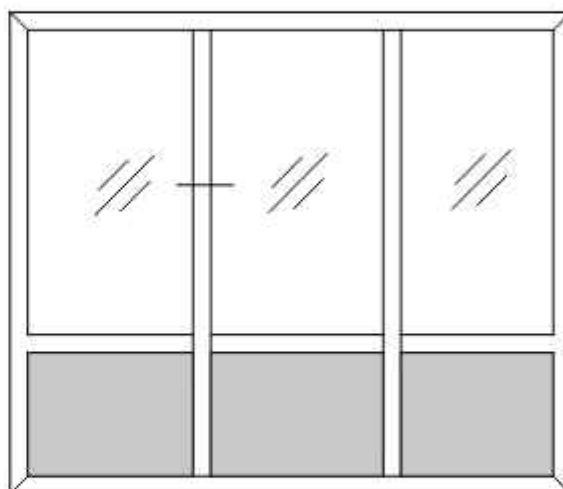
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8

HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge





HATCH GUIDE : ● Aluminium

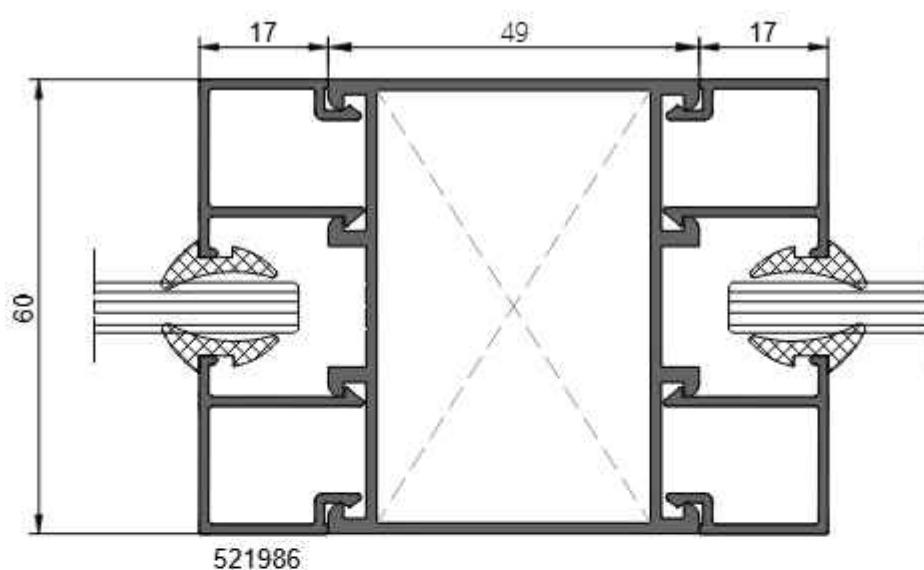
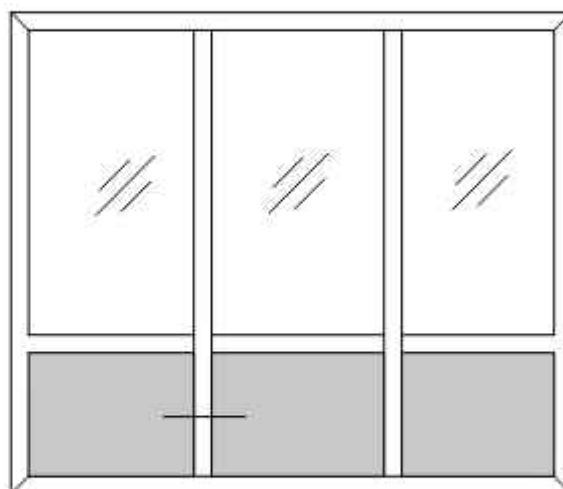
● PolyAmid

● PVC

● EPDM

● Sponge

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HATCH GUIDE : ● Aluminium

● PolyAmid

● PVC

● EPDM

● Sponge

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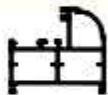
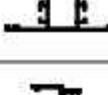
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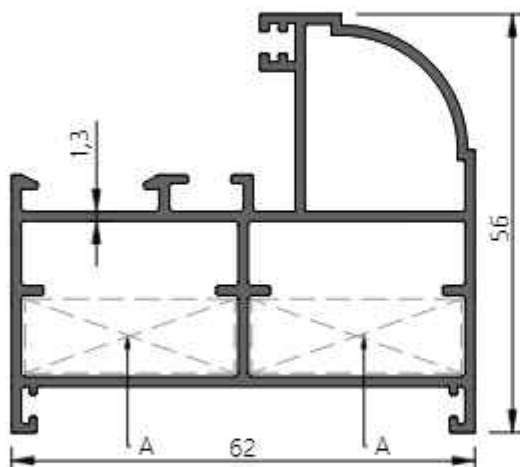
CURVED FACE HN 59



NOTE

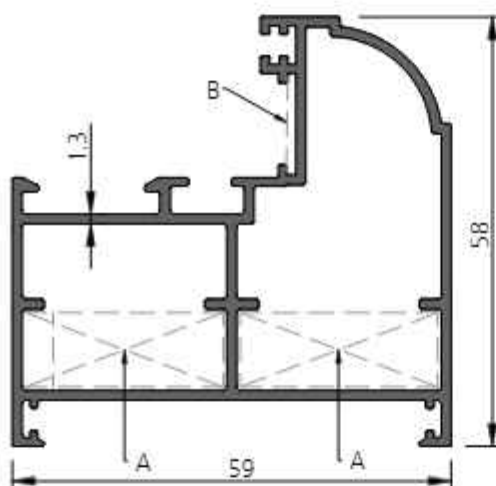
OVERVIEW OF PROFILES

DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE $I_x(\text{cm}^4)$ / $I_y(\text{cm}^4)$
	2301A	1.145	Frame Profile	9.50 / 18.34
	2301B	1.055	Frame Profile	9.70 / 16.5
	2311	0.705	Sash Profile	3 / 14.24
	2312	0.970	Sash Profile	5.74 / 19.59
	2313	1.110	Sash Profile	33.03 / 10.84
	2321	0.805	Mullion profile	5.44 / 7.90
	2331	0.170	Double Casement Adaptor Profile	5.25 / 6.72
	2059	0.215	Glazing Bead	/
	2056	0.246	Glazing Bead	/



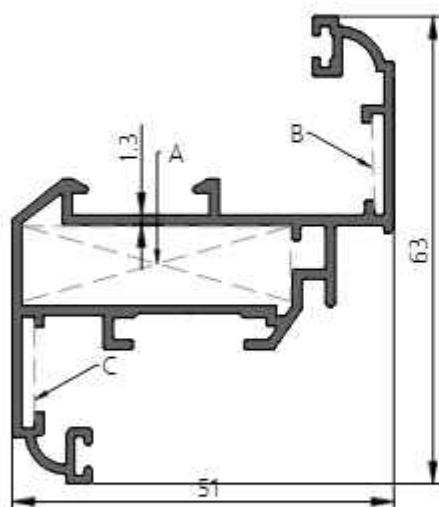
Profile Name	Profile Code	Weight (Kg/m)
Frame Profile	2301A	1.145

Corner Cleat	A
	305-5 28.9mm



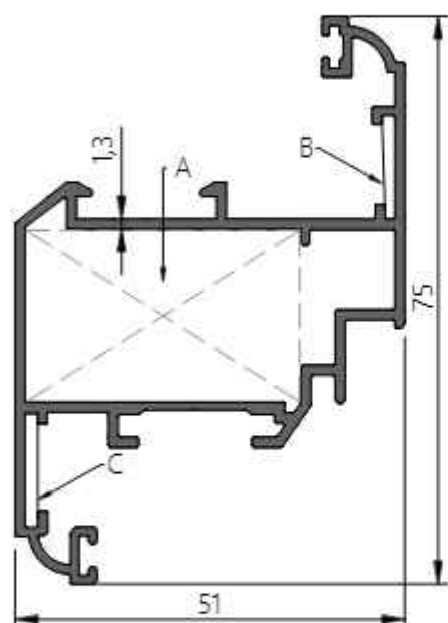
Profile Name	Profile Code	Weight (Kg/m)
Frame Profile	2301B	1.055

Corner Cleat	A	B
	305-4 27.3mm	21327



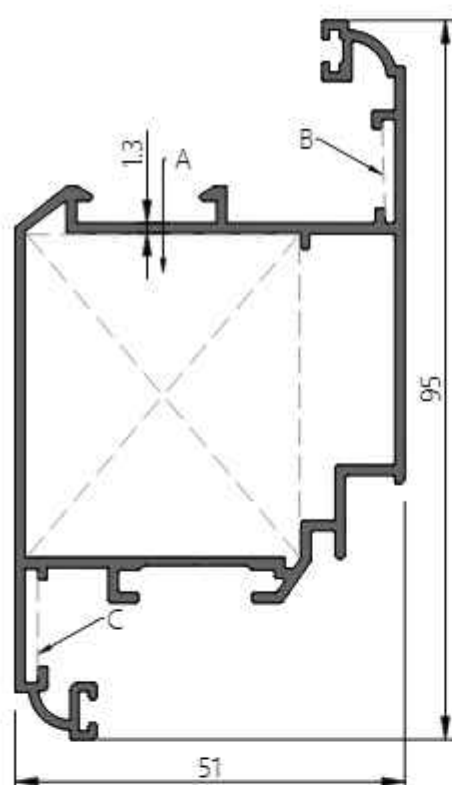
Profile Name	Profile Code	Weight (Kg/m)
Sash Profile	2311	0.705

Corner Cleat	A	B	C
	305-6 36.1mm	21327	21325



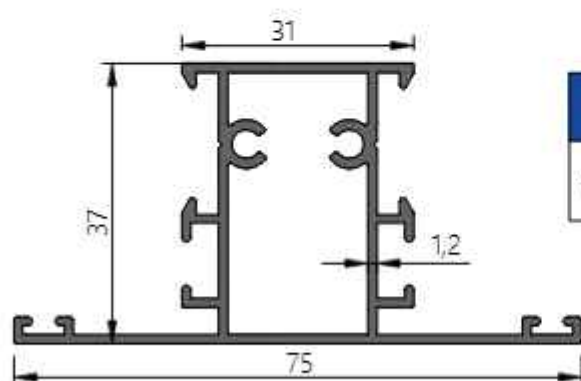
Profile Name	Profile Code	Weight (Kg/m)
Sash Profile	2312	0.970

Corner Cleat	A	B	C
	319-6 36.1mm	21327	21325

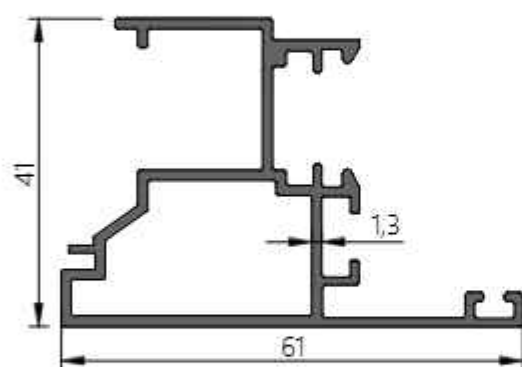


Profile Name	Profile Code	Weight (Kg/m)
Sash Profile	2313	1.110

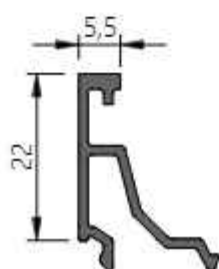
Corner Cleat	A	B	C
	742-2 36.1mm	21327	21325



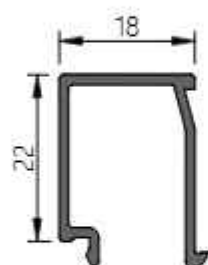
Profile Name	Profile Code	Weight (Kg/m)
Mullion Profile	2321	0.805



Profile Name	Profile Code	Weight (Kg/m)
Double Casement Adaptor Profile	2331	0.765



Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	2059	0.215

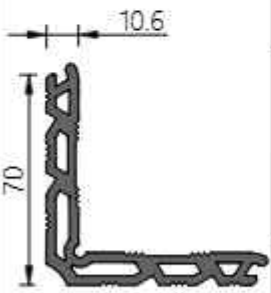
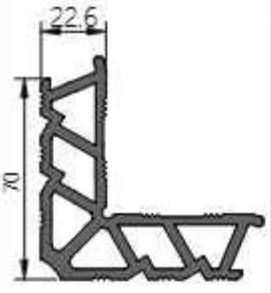
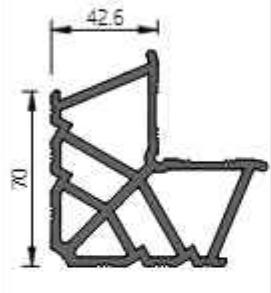


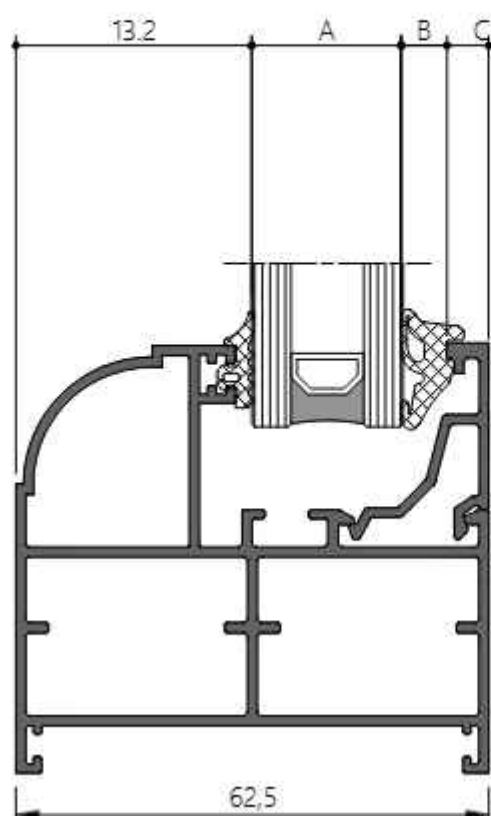
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	2056	0.246

ACCESSORIES

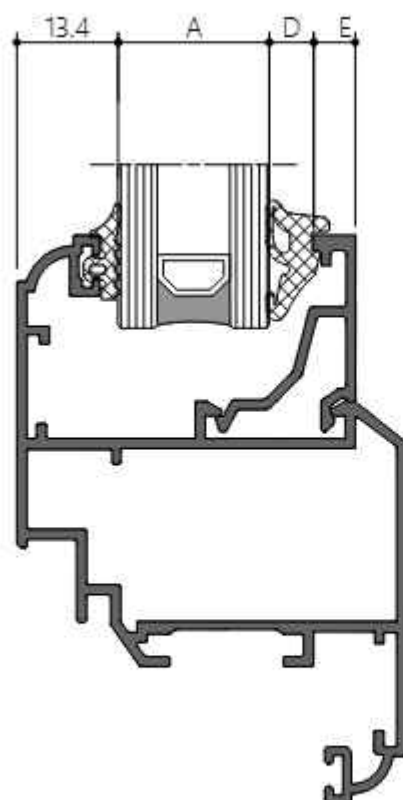
Drawing	Code	Description	Material
	G 309	Glassing Gasket	EPDM
	G 115	Gasket For Frame Profile	
	G 108	Interior Glassing Gasket 2mm	
	G 201	Interior Glassing Gasket 4mm	
	G 202	Interior Glassing Gasket 6mm	
	G 203	Interior Glassing Gasket 8mm	
	G 231	Central Gasket	

ACCESSORIES

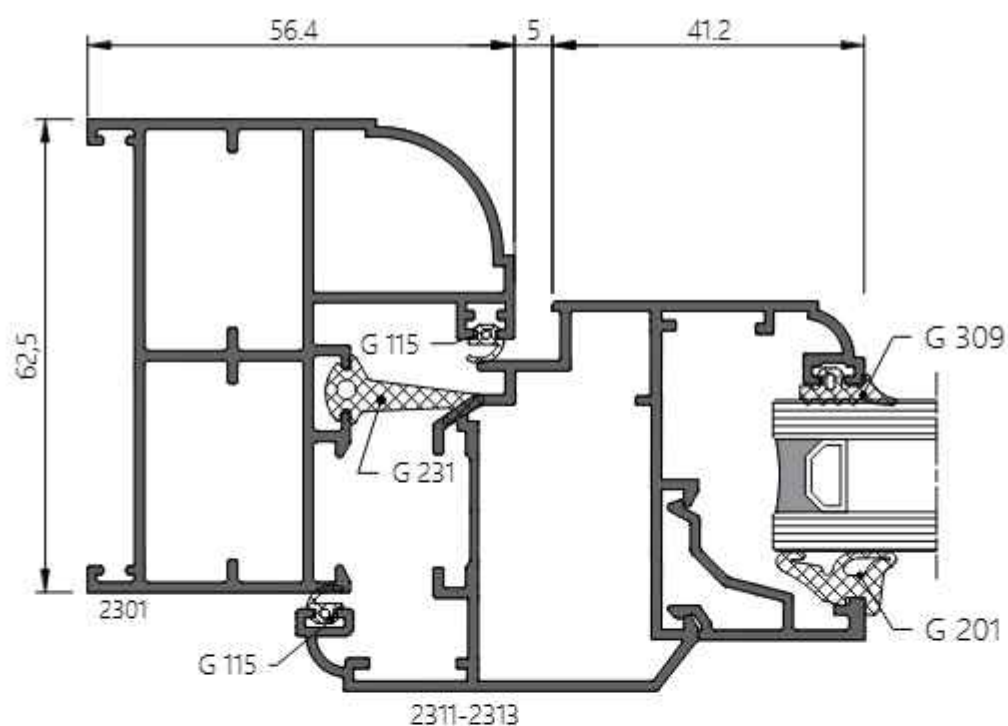
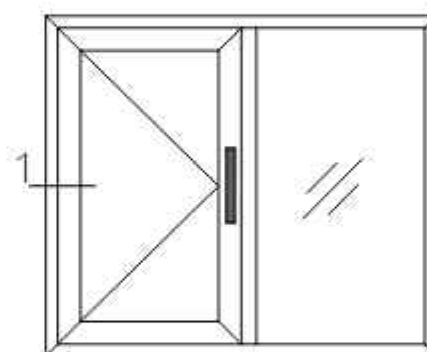
Drawing	Code	Description	Material
	305-1	Press Corner Cleat 28.9(mm)	Aluminium
	305-2	Press Corner Cleat 27.3(mm)	
	305-3	Press Corner Cleat 36.1(mm)	
	319-6	Press Corner Cleat 36.1(mm)	
	742-2	Press Corner Cleat 36.1mm	



Glass Size		
A(mm)	B	C
6	G 203	2056
8	G 202	2056
10	G 201	2056
18	G 203	2059
20	G 202	2059
22	G 201	2059



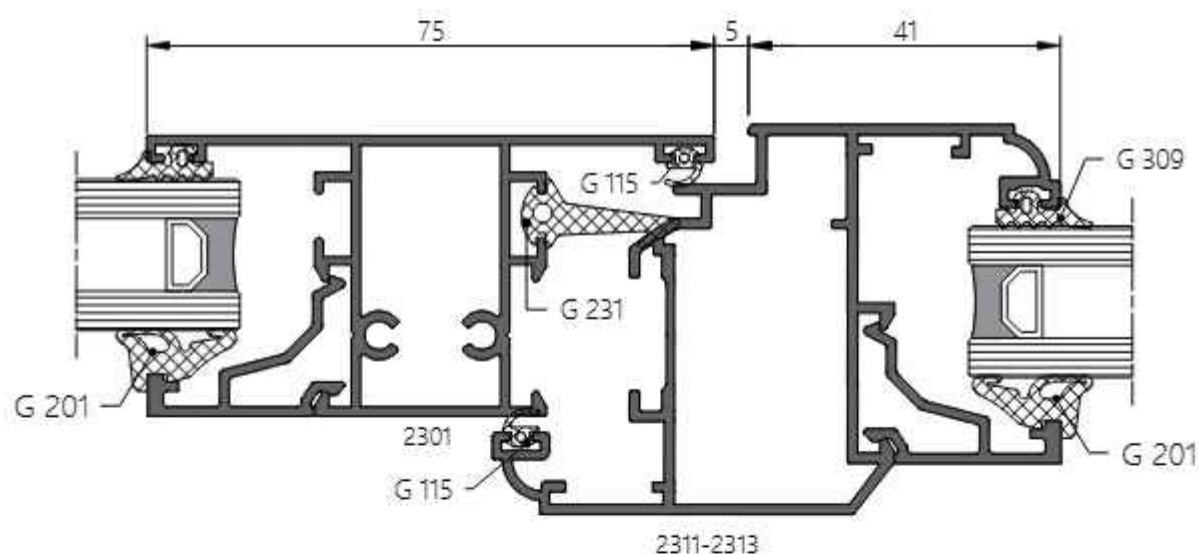
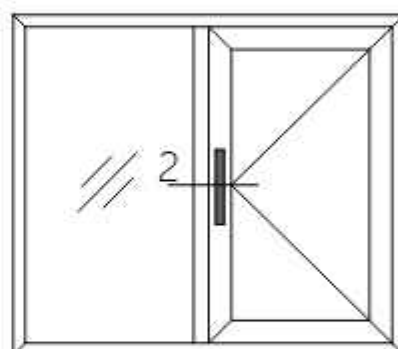
Glass Size		
A(mm)	D	E
6	G 203	2056
8	G 202	2056
10	G 201	2056
18	G 203	2059
20	G 202	2059
22	G 201	2059



1

HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge

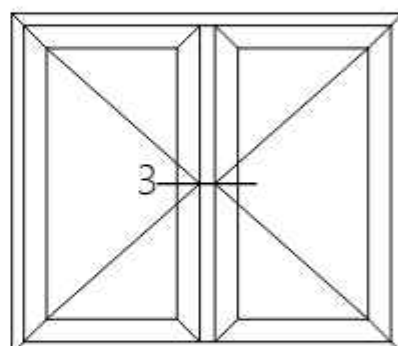
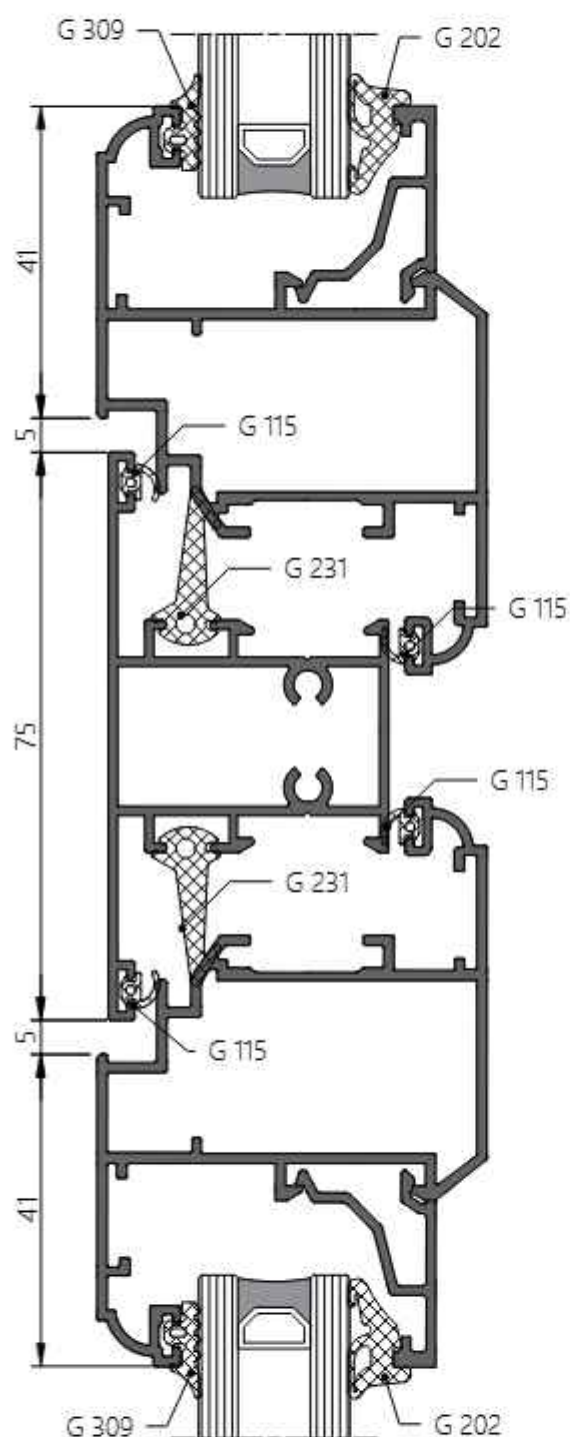
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2

HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge

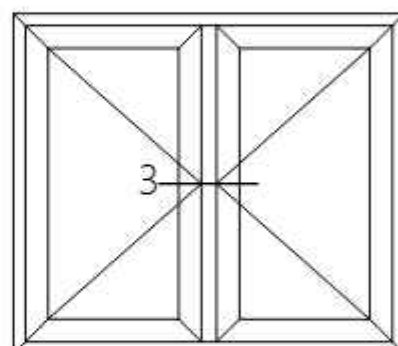
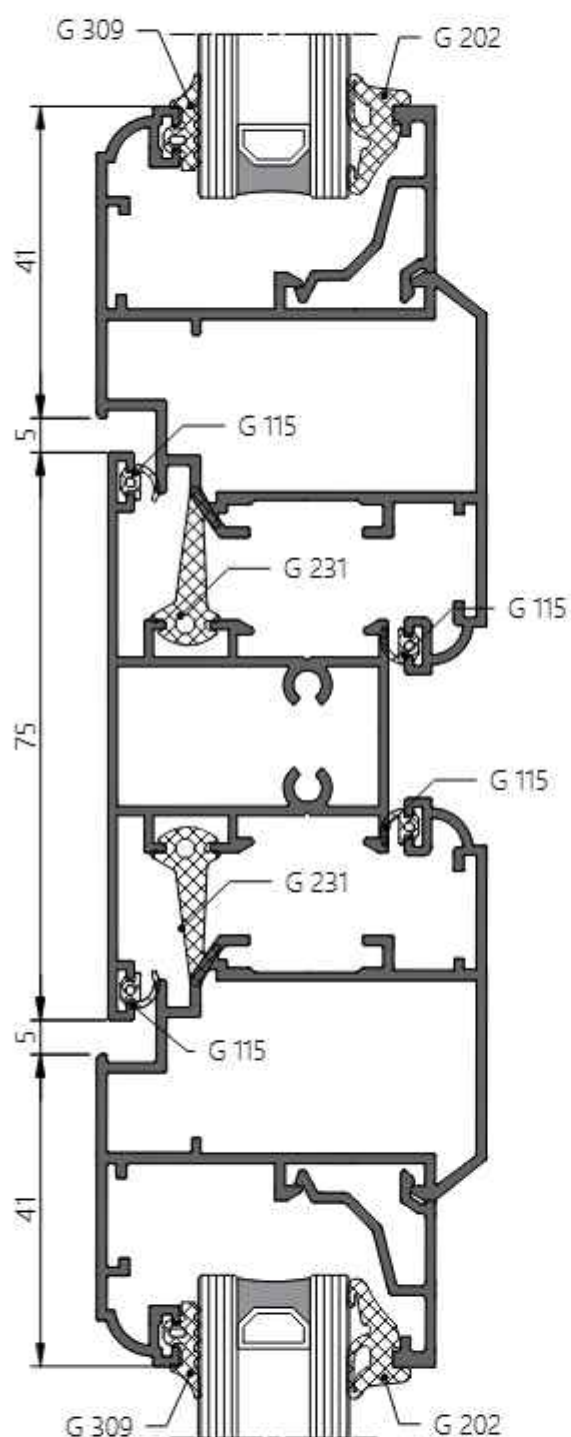
www.Bendini.co



3

HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge

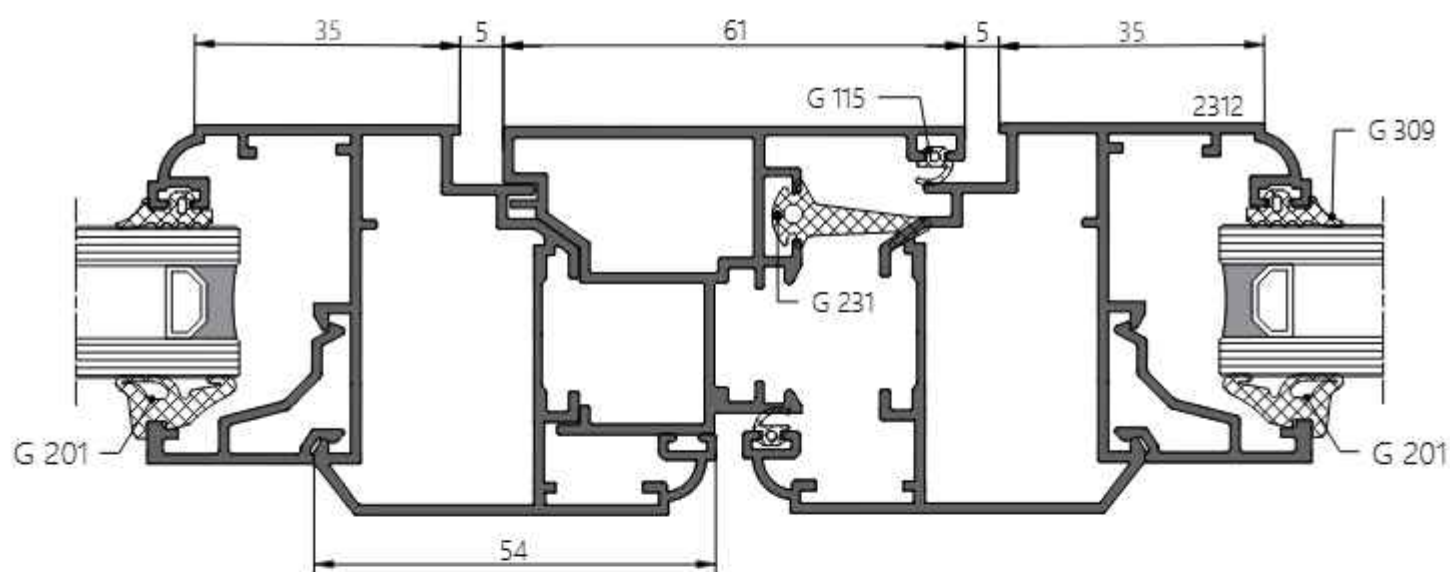
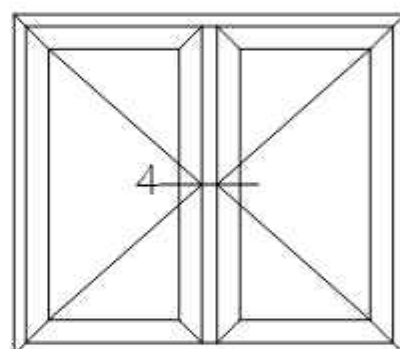
www.Bendini.co



3

HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge

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4

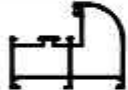
HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge

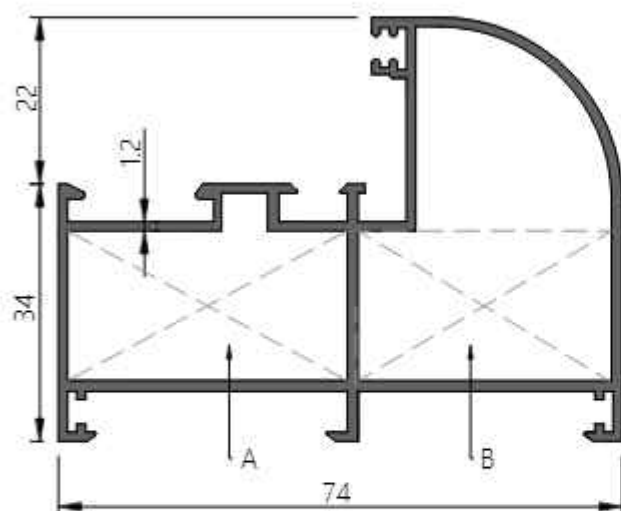
HN 75



NOTE

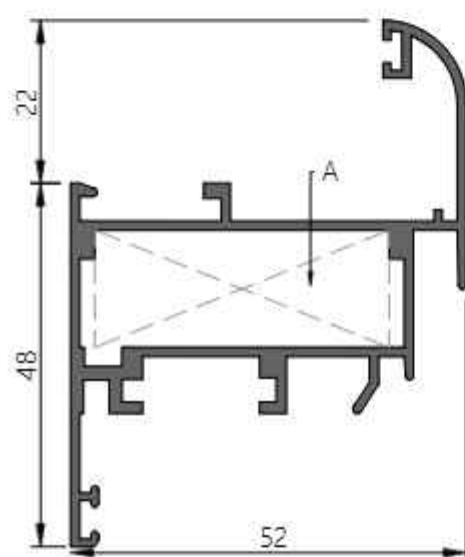
OVERVIEW OF PROFILES

DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE <i>Jx (cm⁴) / Jy (cm⁴)</i>
	860	1.148	Frame profile	10.76 / 24.94
	885	0.980	Sash profile	4.48 / 15.96
	884	1.135	Sash profile	87.37 / 49.77
	908	1.120	Mullion Profile	11.74 / 17.92
	4186	0.890	Corner Profile	17.82 / 30.67
	872	0.239	Glazing Bead	/
	873	0.328	Glazing Bead	/



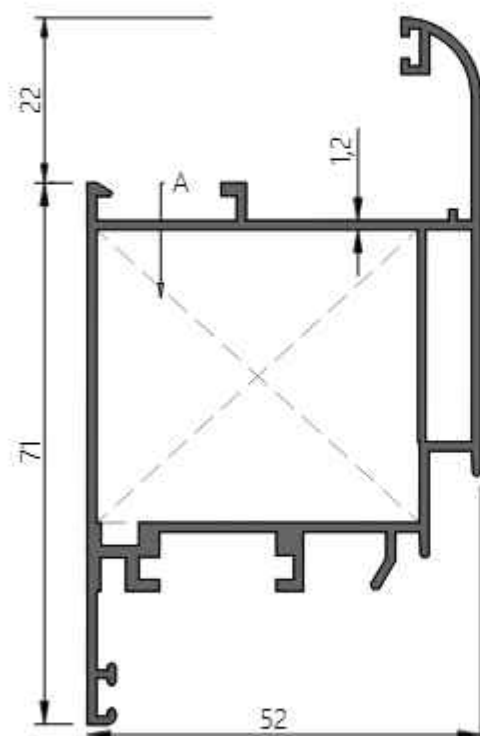
Profile Name	Profile Code	Weight (Kg/m)
Frame Profile	860	1.148

Corner Cleat	A	B
	19.4mm x 36.4mm	19.4mm x 33.4mm



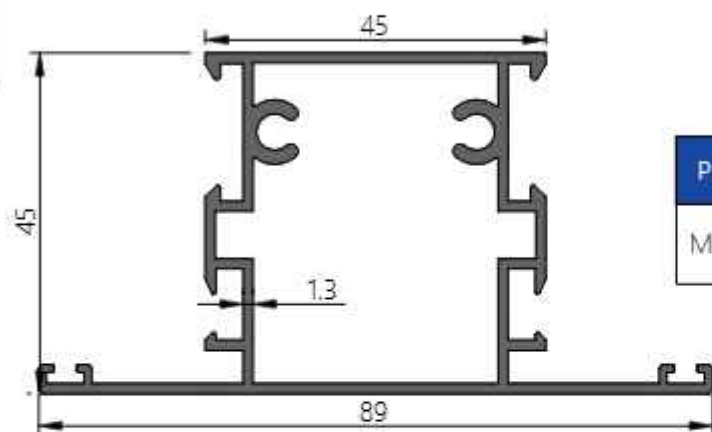
Profile Name	Profile Code	Weight (Kg/m)
Sash Profile	885	0.980

Corner Cleat	A
	15.1mm x 38.5mm

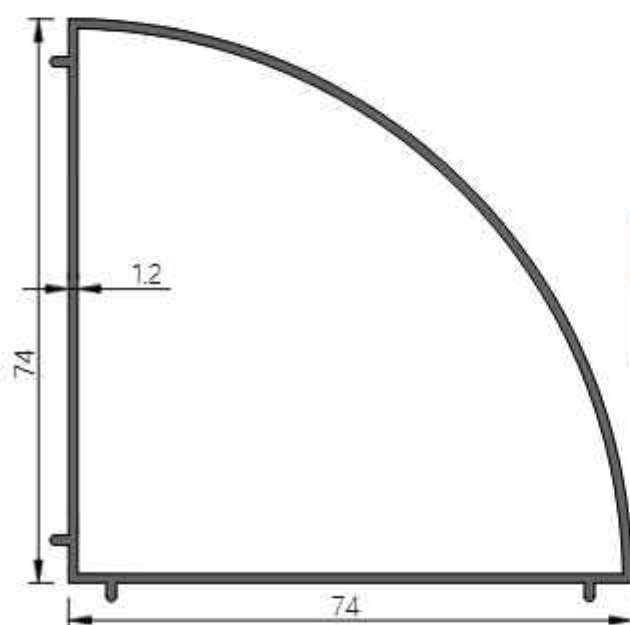


Profile Name	Profile Code	Weight (Kg/m)
Sash Profile	884	1.135

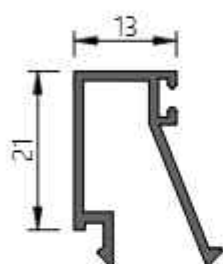
Corner Cleat	A
	38.4mm x 42.1mm



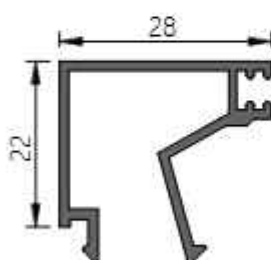
Profile Name	Profile Code	Weight (Kg/m)
Mullion Profile	908	1.120



Profile Name	Profile Code	Weight (Kg/m)
Corner Profile	4186	0.890



Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	872	0.239



Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	873	0.328

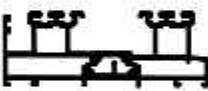
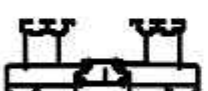
NOTE

LST 135

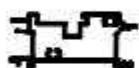
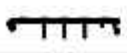
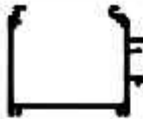
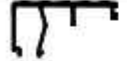
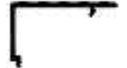


NOTE

OVERVIEW OF PROFILES

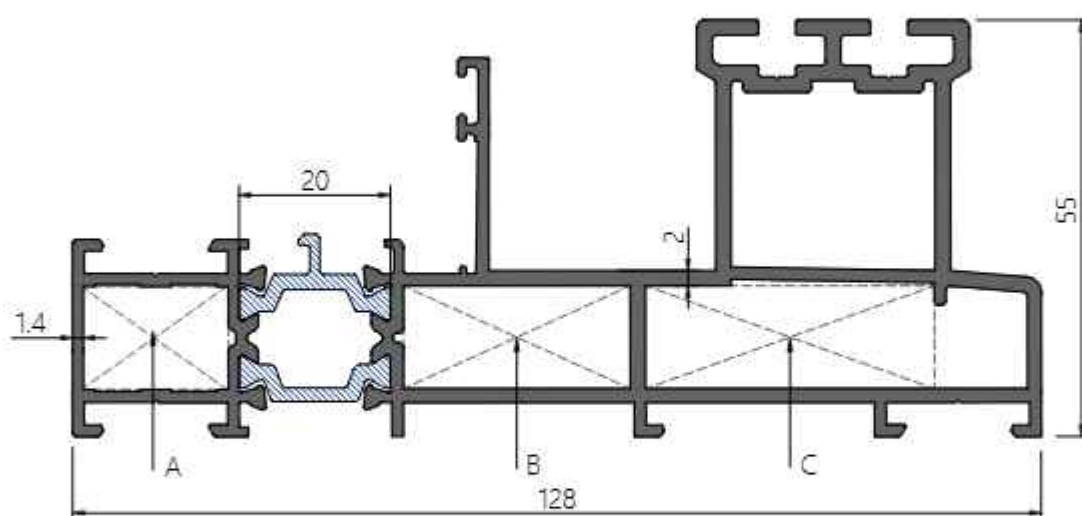
DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE <i>I_x(cm⁴) / I_y(cm⁴)</i>
	42004	2.485	Frame Profile	22.79 / 151.47
	42001	2.973	Frame Profile	27.33 / 192.23
	42002	2.801	Frame Profile	26.31 / 157
	42007	3.180	Zero Threshold Frame Profile	30 / 183.29
	42003	4.431	Frame Profile	680.5 / 39
	42005	5.882	Frame Profile	673.7 / 21
	42012	1.869	Frame Profile	31.74 / 107.75
	42008	2.061	Sash Profile	31.74 / 45.73
	42009	1.580	Sash Profile	29.95 / 42.85
	42017	2.089	Mullion Profile	21.98 / 32.95

OVERVIEW OF PROFILES

DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE $I_x(\text{cm}^4) / I_y(\text{cm}^4)$
	42006	1.387	Zero Threshold Frame profile	2.45 / 6.73
	43308	0.485	Rail's Adaptor	1.3 / 0.7
	42049	0.794	Locking Profile	2.45 / 6.73
	42048	1.298	Adaptor For Sash	1.40 / 16.74
	42045	0.336	Cover Sash	0.17 / 6.34
	42062	1.030	Corner 90° Profile	1.40 / 16.74
	42061	1.810	Corner 90° Profile	48.56 / 111.83
	42502	0.551	Cover Gutter Profile	0.14 / 9.49
	42501	1.090	Gutter Profile	13.47 / 38.73
	42503	1.506	Gutter Profile	29.42 / 65.62
	42046	0.748	Cover Profile	2.27 / 13.83
	42047	0.493	Cover Mullion	1.67 / 10.62
	12955	0.560	Grid Vent	8.11 / 0.79
	42308	0.410	Insect screen Rail Profile	/
	522504	0.069	Glazing Bead	/
	21554	0.368	Border Profile	/
	21553	0.340	Border profile	/

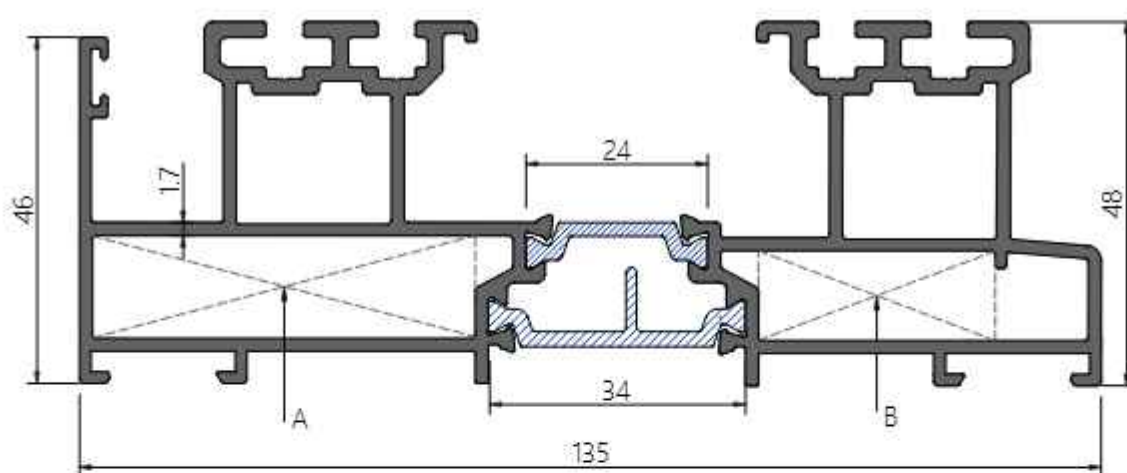
OVERVIEW OF PROFILES

DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE <i>Jx(cm4) / Jy (cm4)</i>
	10423	0.860	Rainforce Profile	9.92 / 5.29
	10424	0.091	Rainforce Cap	/
	42051	0.647	Box	1.6 / 1.4
	42306	0.170	Rail Profile	/
	21501	0.250	Glazing Bead	/
	21502	0.263	Glazing Bead	/
	21503	0.280	Glazing Bead	/
	21504	0.300	Glazing Bead	/
	21505	0.340	Glazing Bead	/
	21506	0.345	Glazing Bead	/
	21507	0.370	Glazing Bead	/
	21509	0.390	Glazing Bead	/
	21522	0.315	Glazing Bead	/
	21523	0.320	Glazing Bead	/



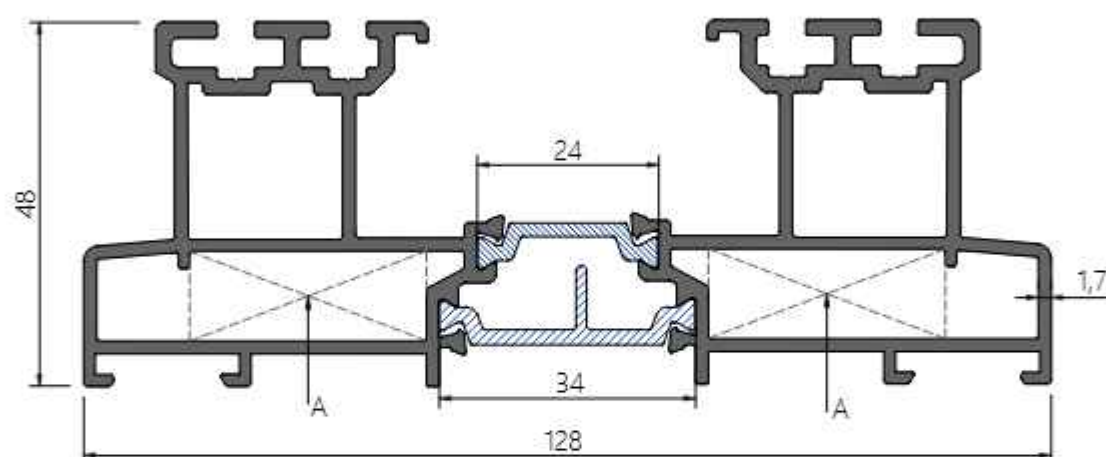
Corner Cleat	A	B	C
	308-2 18.8mm	308-6 29.6mm	308-5 37.8mm

Profile Name	Profile Code	Weight (Kg/m)
Frame Profile	42004	2.485



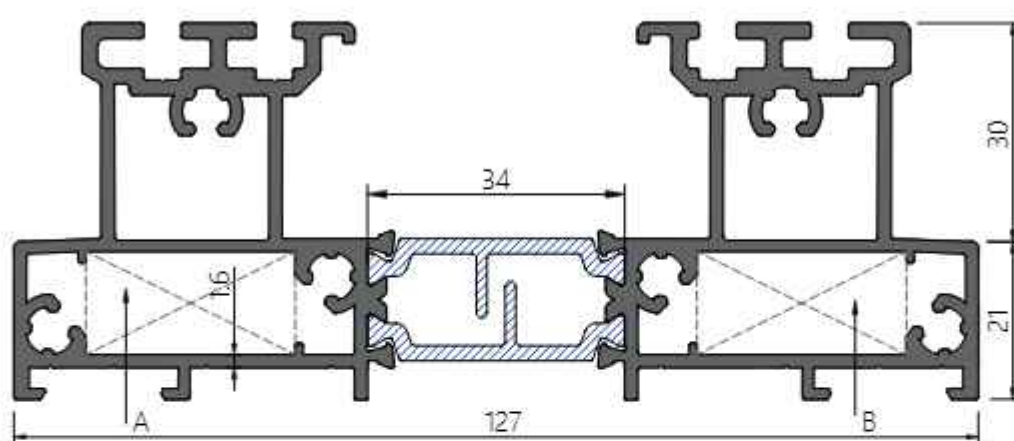
Corner Cleat	A	B
	308-10 50.2mm	306-1 30.9mm

Profile Name	Profile Code	Weight (Kg/m)
Frame Profile	42001	2.973

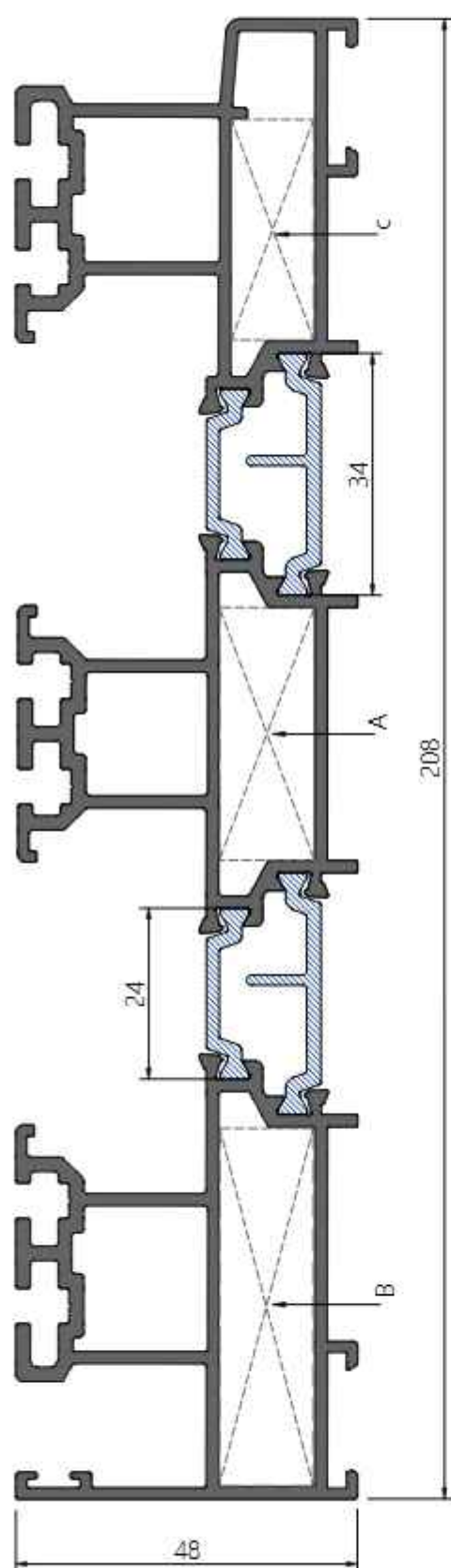


Corner Cleat	A
	306-1 30.9mm

Profile Name	Profile Code	Weight (Kg/m)
Frame Profile	42002	2.801

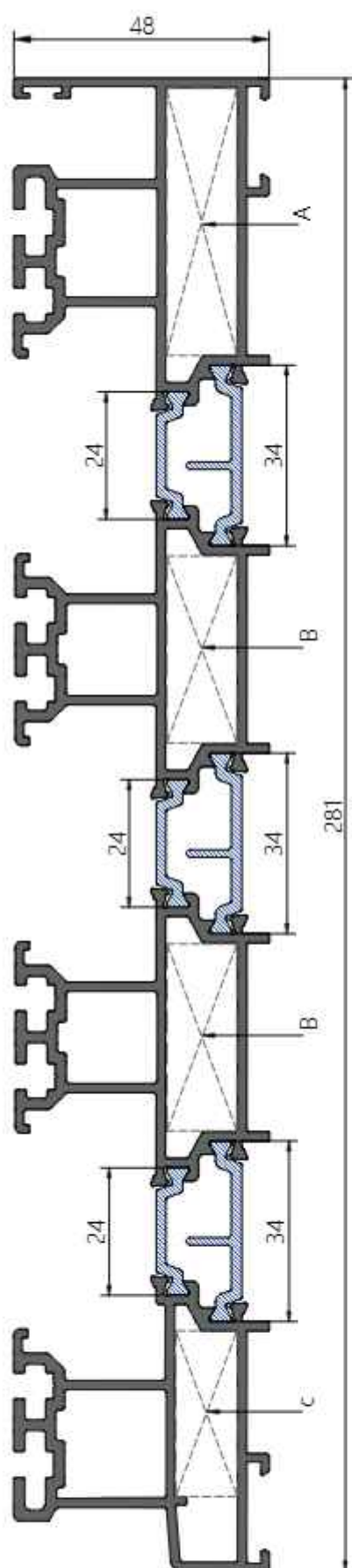


Profile Name	Profile Code	Weight (Kg/m)	Corner Cleat	A
Zero Threshold Frame Profile	42007	3.180		308-7 26.8mm



Profile Name	Profile Code	Weight (Kg/m)
Frame Profile	42003	4.431

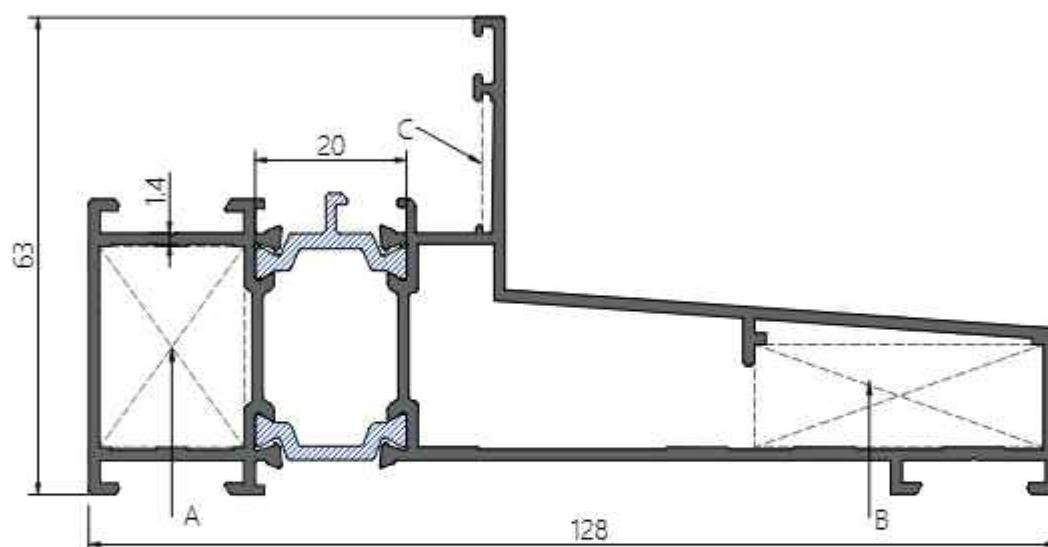
Corner Cleat	A	B	C
	308-15 35.2mm	308-10 50.2mm	306-1 30.9mm
			

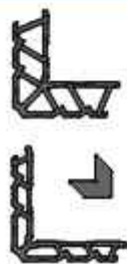


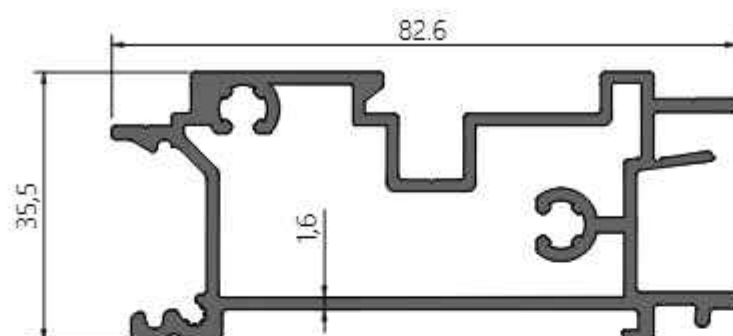
Profile Name	Profile Code	Weight (Kg/m)
Frame Profile	42005	5.882

Corner Cleat	A	B	C
	308-10 50.2mm	308-15 35.2mm	306-1 30.9mm
			

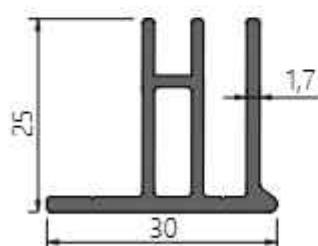
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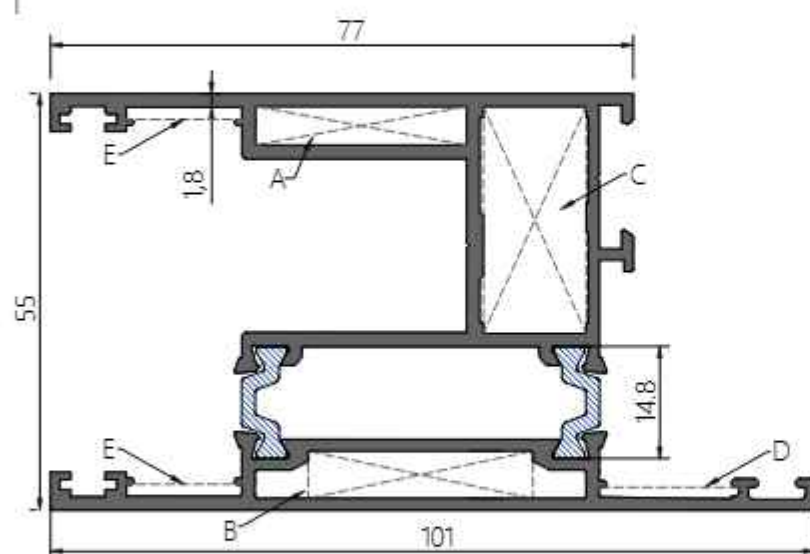
Corner Cleat	A	B	C	Profile Name	Profile Code	Weight (Kg/m)
	311-3 18.8mm	308-5 37.8mm	21326	Frame Profile	42012	1.896



Profile Name	Profile Code	Weight (Kg/m)
Zero Threshold frame Profile	42006	1.387



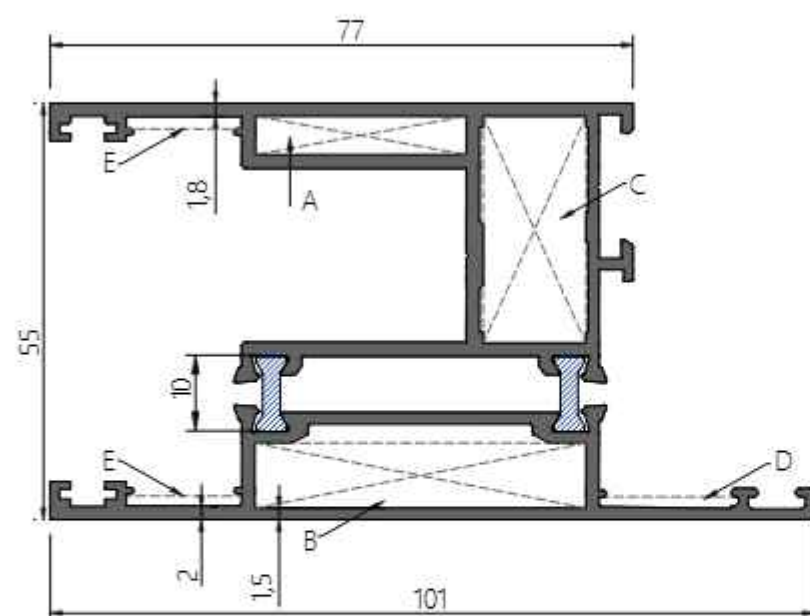
Profile Name	Profile Code	Weight (Kg/m)
Rail's Adaptor	43308	0.485



Profile Name	Profile Code	Weight (Kg/m)
Sash Profile	42008	2.061

Corner Cleat	D	E
	21326	21325

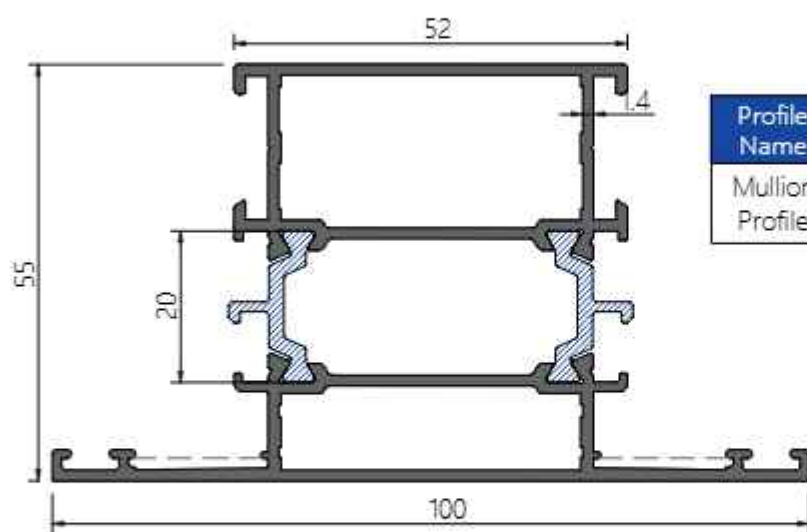
Corner Cleat	A	B	C
			
	318-1 4.7mm	316-2 5.9mm	308-6 29.6mm
			



Profile Name	Profile Code	Weight (Kg/m)
Sash Profile	42009	2.0890

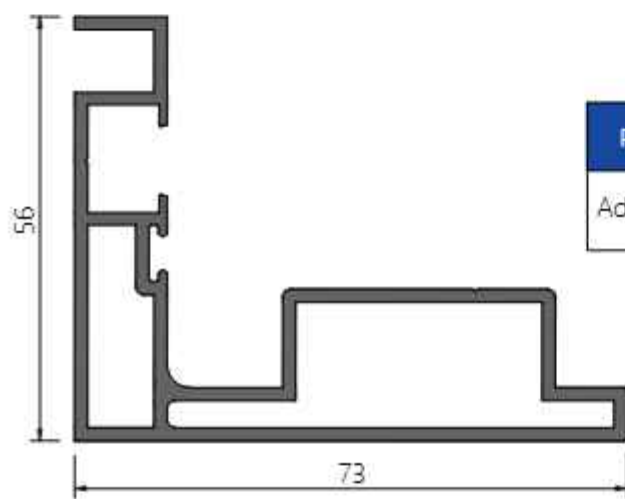
Corner Cleat	D	E
	21326	21325

Corner Cleat	A	B	C
			
	318-1 4.7mm	303-1 8.2mm	308-6 29.6mm
			

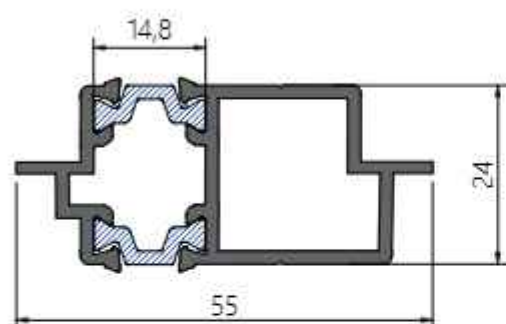


Profile Name	Profile Code	Weight (Kg/m)
Mullion Profile	42017	1.580

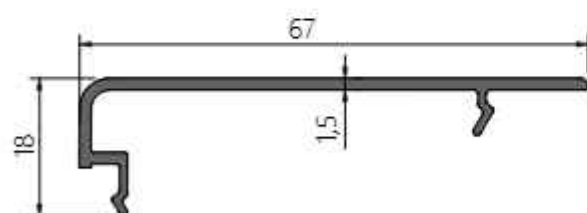
Corner Cleat	A
	320-1 39.2(mm)



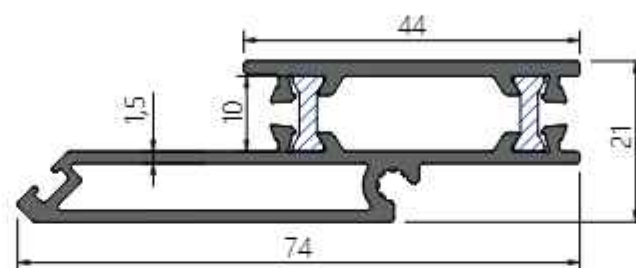
Profile Name	Profile Code	Weight (Kg/m)
Adaptor For Sash	42048	1.298



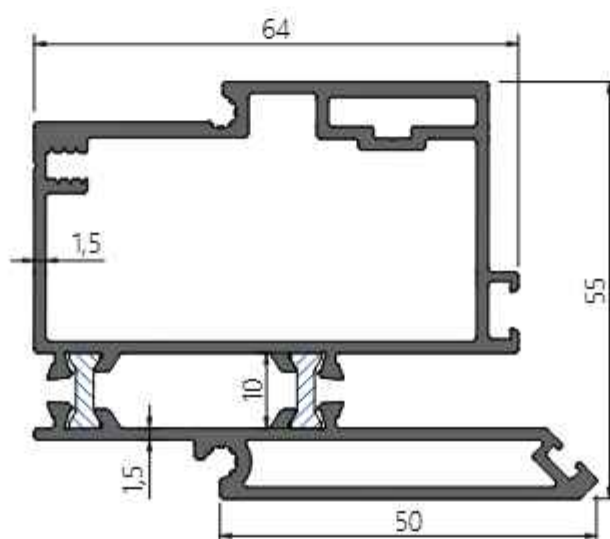
Profile Name	Profile Code	Weight (Kg/m)
Locking Profile	42049	0.794



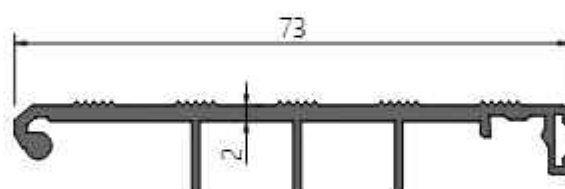
Profile Name	Profile Code	Weight (Kg/m)
Cover Sash	42045	0.336



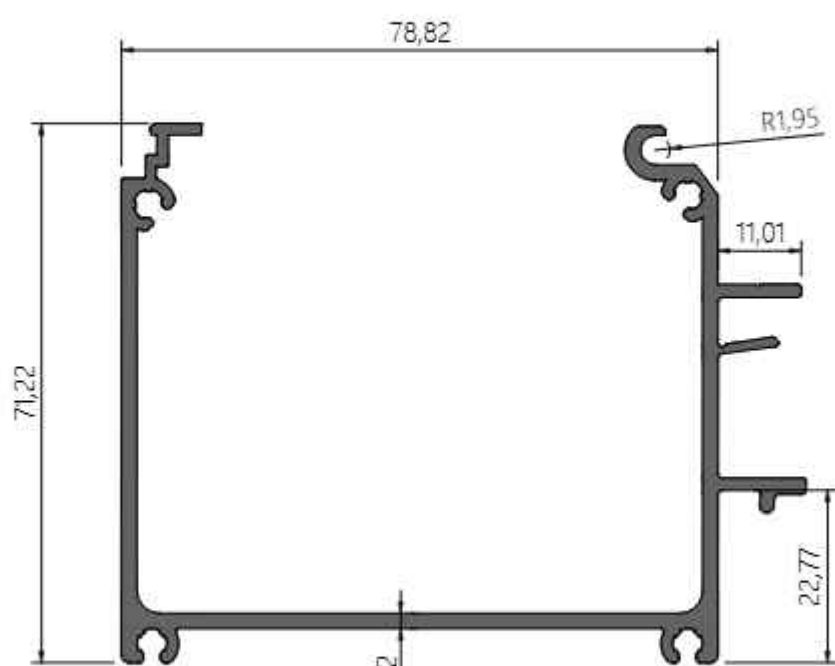
Profile Name	Profile Code	Weight (Kg/m)
Corner 90° Profile	42062	1.030



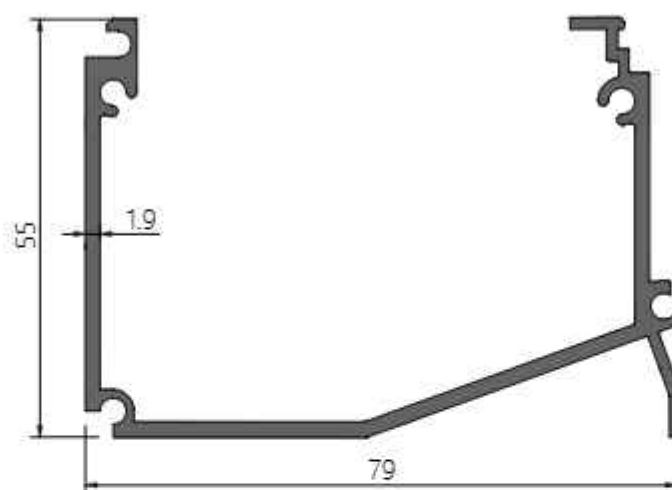
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Corner 90° Profile	42061	1.8100



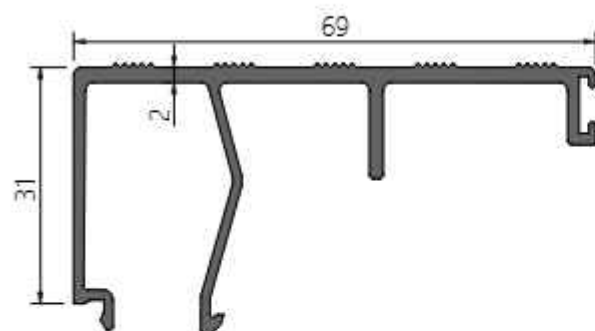
Profile Name	Profile Code	Weight (Kg/m)
Cover Guter Profile	42502	0.551



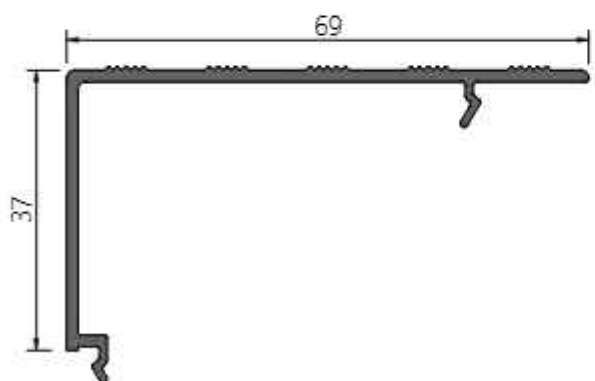
Profile Name	Profile Code	Weight (Kg/m)
Gutter	42503	1.506



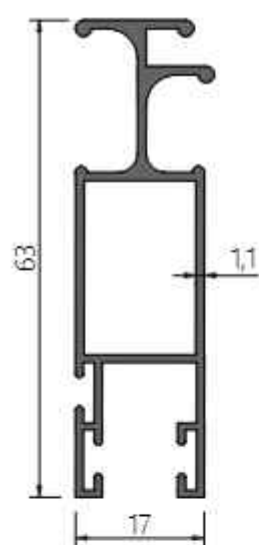
Profile Name	Profile Code	Weight (Kg/m)
Guter Profile	42501	1.090



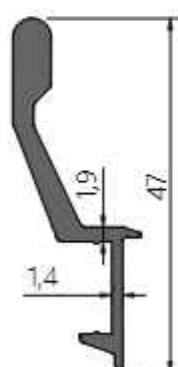
Profile Name	Profile Code	Weight (Kg/m)
Cover Frame	42046	0.748



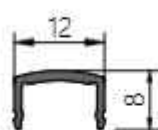
Profile Name	Profile Code	Weight (Kg/m)
Cover Mullion	42047	0.493



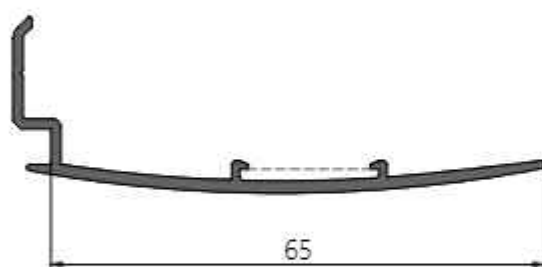
Profile Name	Profile Code	Weight (Kg/m)
Grid Vent	12955	0.560



Profile Name	Profile Code	Weight (Kg/m)
Insect Screen Rail Profile	42308	0.410

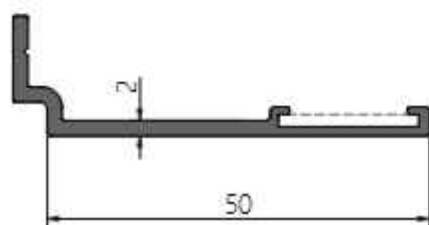


Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	522504	0.069



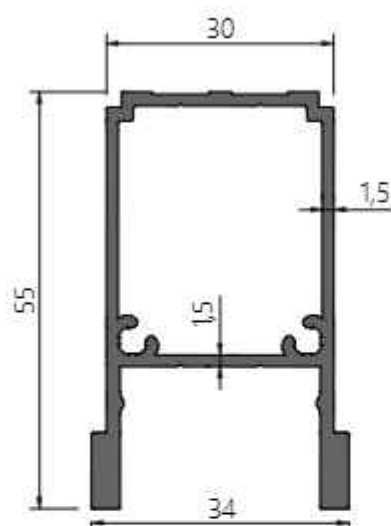
Profile Name	Profile Code	Weight (Kg/m)
Border Profile	21554	0.368

Corner Cleat	A
	21326

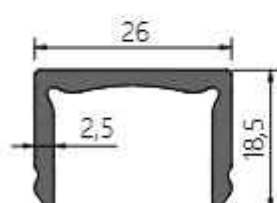


Profile Name	Profile Code	Weight (Kg/m)
Border Profile	21553	0.340

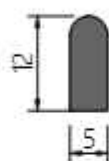
Corner Cleat	A
	21326



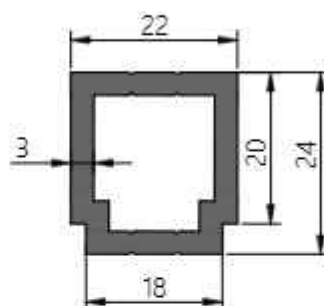
Profile Name	Profile Code	Weight (Kg/m)
Rainforce Profile	10423	0.8600



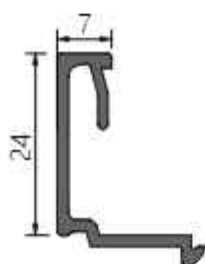
Profile Name	Profile Code	Weight (Kg/m)
Reinforce Cap	10424	0.091



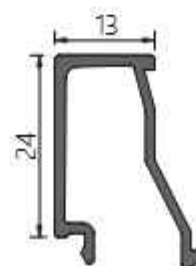
Profile Name	Profile Code	Weight (Kg/m)
Rail Profile	42306	0.170



Profile Name	Profile Code	Weight (Kg/m)
Box	42051	0.647



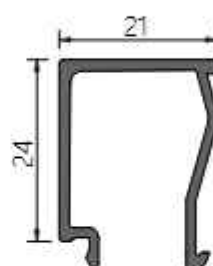
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21501	0.250



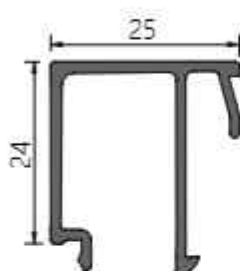
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21502	0.263



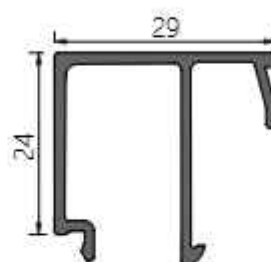
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21503	0.280



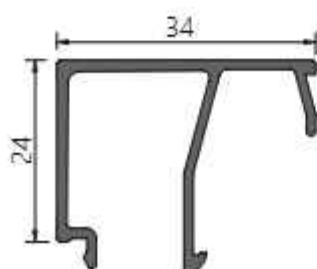
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21504	0.300



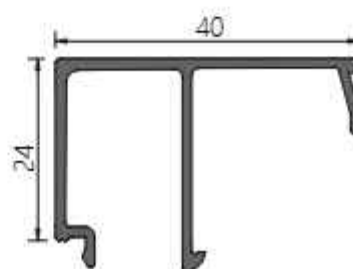
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21505	0.340



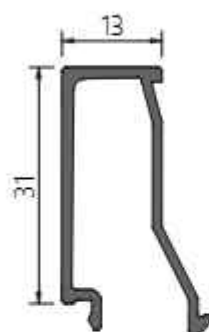
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21506	0.345



Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21507	0.370



Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21509	0.390

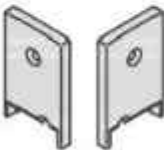
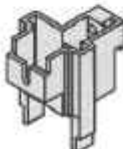
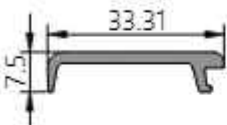
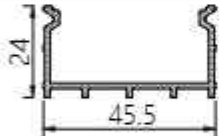


Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21522	0.315

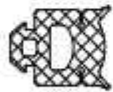


Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21523	0.320

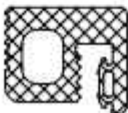
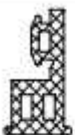
ACCESSORIES

Drawing	Code	Description	Material
	AP 020	Sash Cover Profile Springy Top Cap	PVC
	AP 021	Sash Cover Profile Fixed Bottom Cap	
	AP 022	Sash Top Left & Bottom Left Support	
	AP 023	Sash Top Right & Bottom Right Support	
	AP 040	Sash Adapter Profile Top	
	AP 048	Glazing Bearing Support	
	AP 060	Sash Stopper Support	
	P 421	Central Channel Profile	
	P 422	Central Cramp Profile	

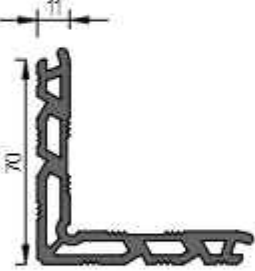
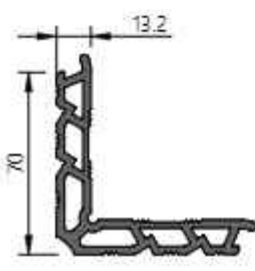
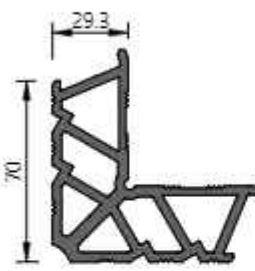
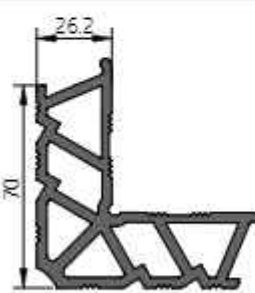
ACCESSORIES

Drawing	Code	Description	Material
	G 109	Glazing Gasket	EPDM
	G 110	Gasket For Frame Profile	
	G 108	Interior Glazing Gasket 2mm	
	G 201	Interior Glazing Gasket 4mm	
	G 202	Interior Glazing Gasket 6mm	
	G 203	Interior Glazing Gasket 8mm	
	G 301	Sash Overlap Gasket	
	G 302	Sash Overlap Gasket	
	G 101	Glazing Gasket 9mm	

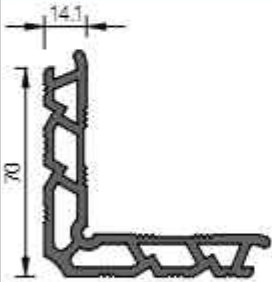
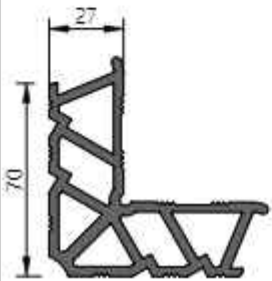
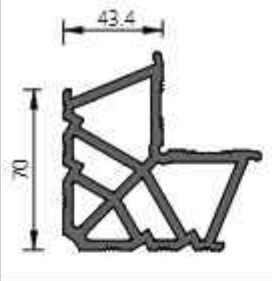
ACCESSORIES

Drawing	Code	Description	Material
	G 303	Inner Overlap	EPDM
	G 304	Channel Cover Gasket	
	G 305	Interior Gasket	
	G 307	Frame Cover Profile Support Gasket	
	G 314	Sash Central Gasket	
	G 377	Zero Threshold Gasket	
	B 42	Brush Gasket	
	-	Wire Gasket Ø3 mm	
	226-1	Cramp Connection Lock Element	Aluminium

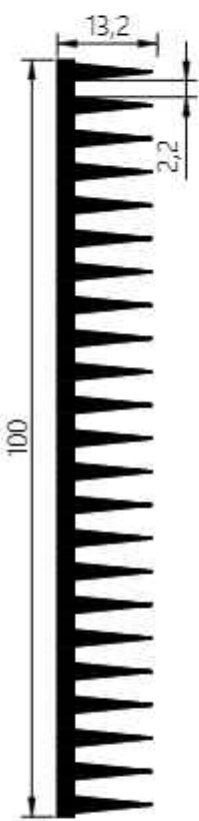
ACCESSORIES

Drawing	Code	Description	Material
	306-1	Press Corner Cleat 30.9(mm)	Aluminium
	306-8	Press Corner Cleat 37.9(mm)	
	308-2	Press Corner Cleat 18.8(mm)	
	308-5	Press Corner Cleat 37.6(mm)	
	308-6	Press Corner Cleat 29.6(mm)	
	308-7	Press Corner Cleat 26.8(mm)	
	308-10	Press Corner Cleat 50.2(mm)	
	308-15	Press Corner Cleat 35.2(mm)	
	316-2	Press Corner Cleat 5.9(mm)	
	316-4	Press Corner Cleat 8.2(mm)	
	311-3	Press Corner Cleat 18.8(mm)	

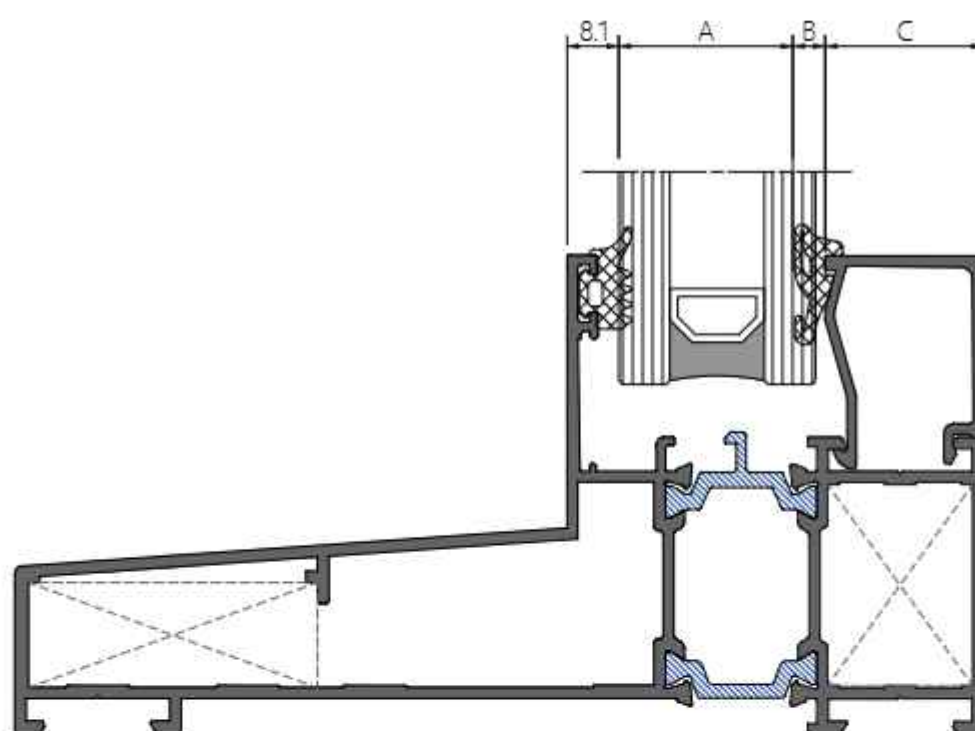
ACCESSORIES

Drawing	Code	Description	Material
	317-1	Press Corner Cleat 57.2(mm)	Aluminium
	318-1	Press Corner Cleat 4.7mm	
	303-1	Press Corner Cleat 8.2mm	
	21326	Press Corner Cleat For Mullion Profile 18mm	
	21327	Press Corner Cleat For Sash Profile 13.5mm	

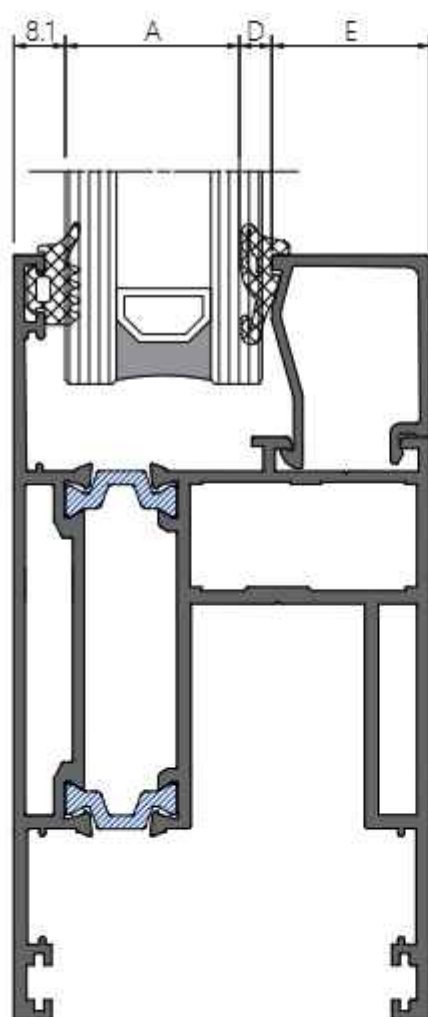
ACCESSORIES

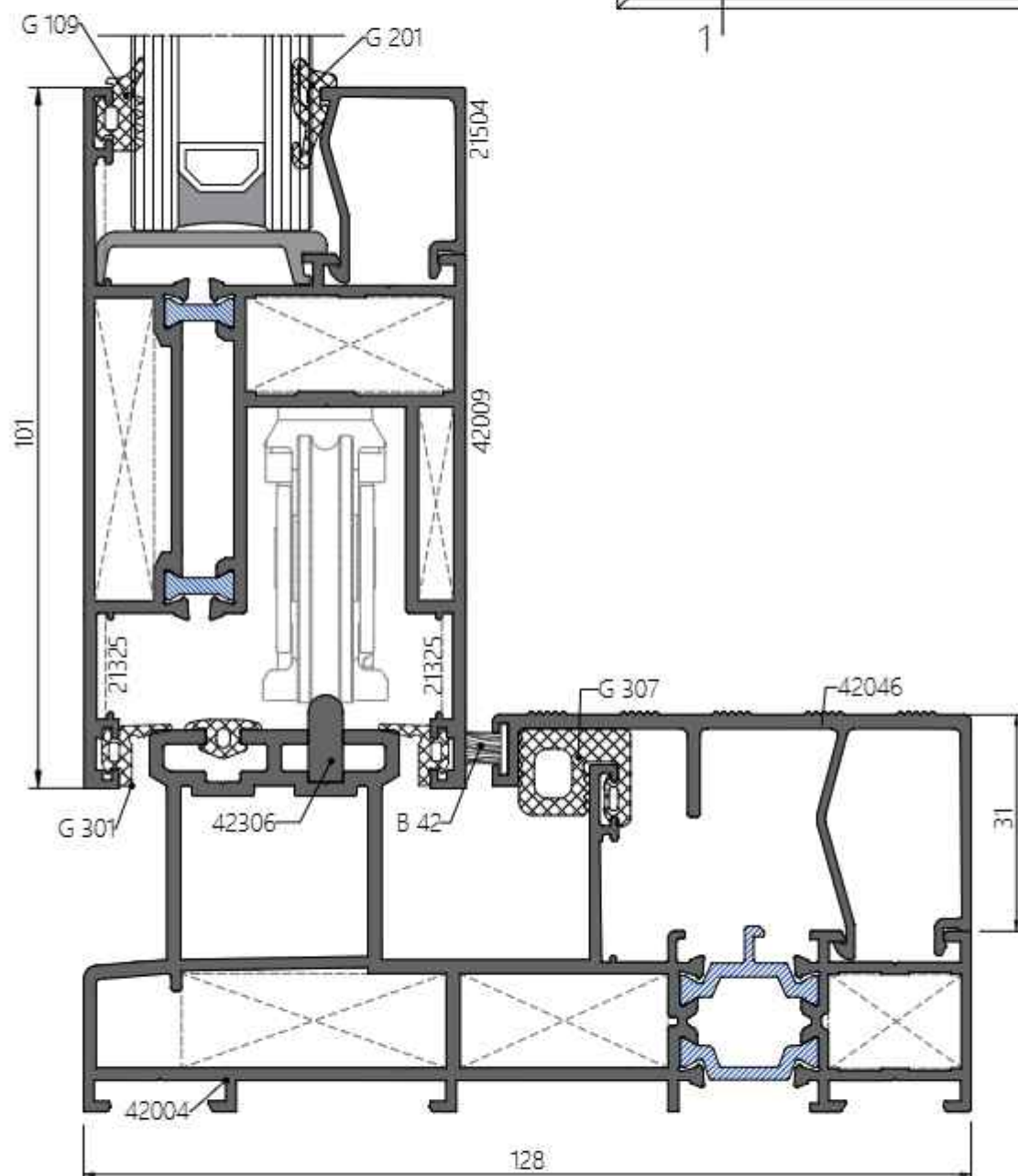
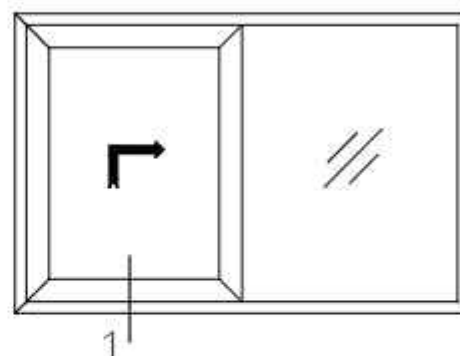
Drawing	Code	Description	Material
	AP 025	Dust Collector	EPDM

Glass Size		
A(mm)	B	C
20	G 203	21504
22	G 202	21504
24	G 202	21503
26	G 203	21502
28	G 203	21502
30	G 202	21502
32	G 203	21501
34	G 203	21501



Glass Size		
A(mm)	B	C
20	G 203	21504
22	G 202	21504
24	G 202	21503
26	G 203	21502
28	G 203	21502
30	G 202	21502
32	G 203	21501
34	G 203	21501

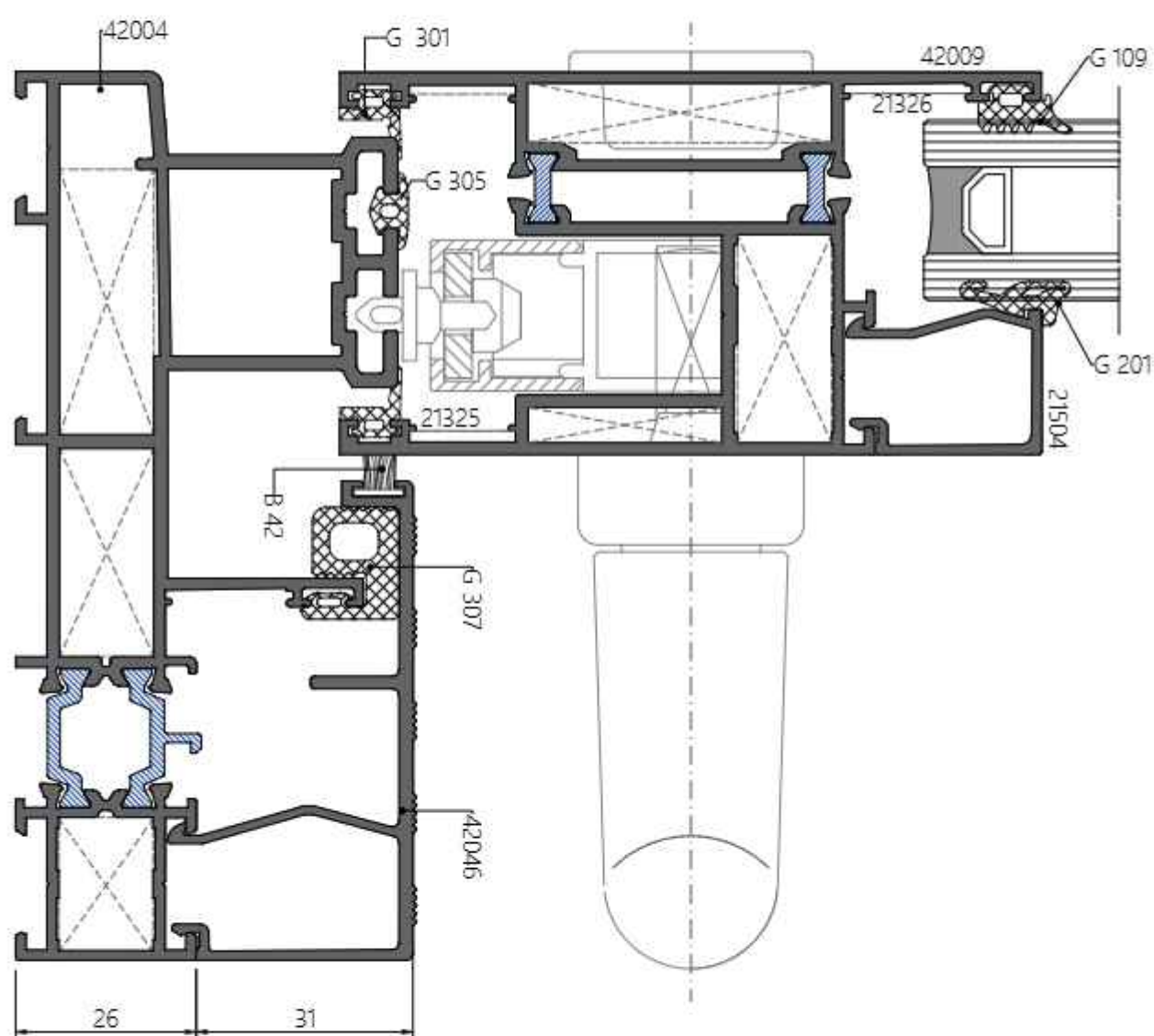
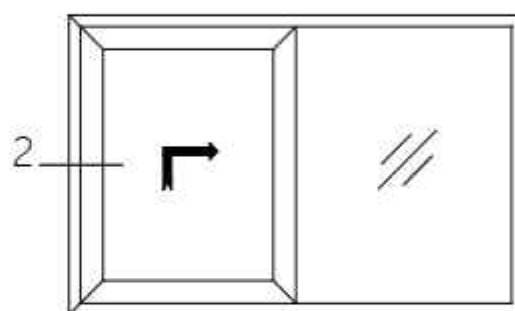




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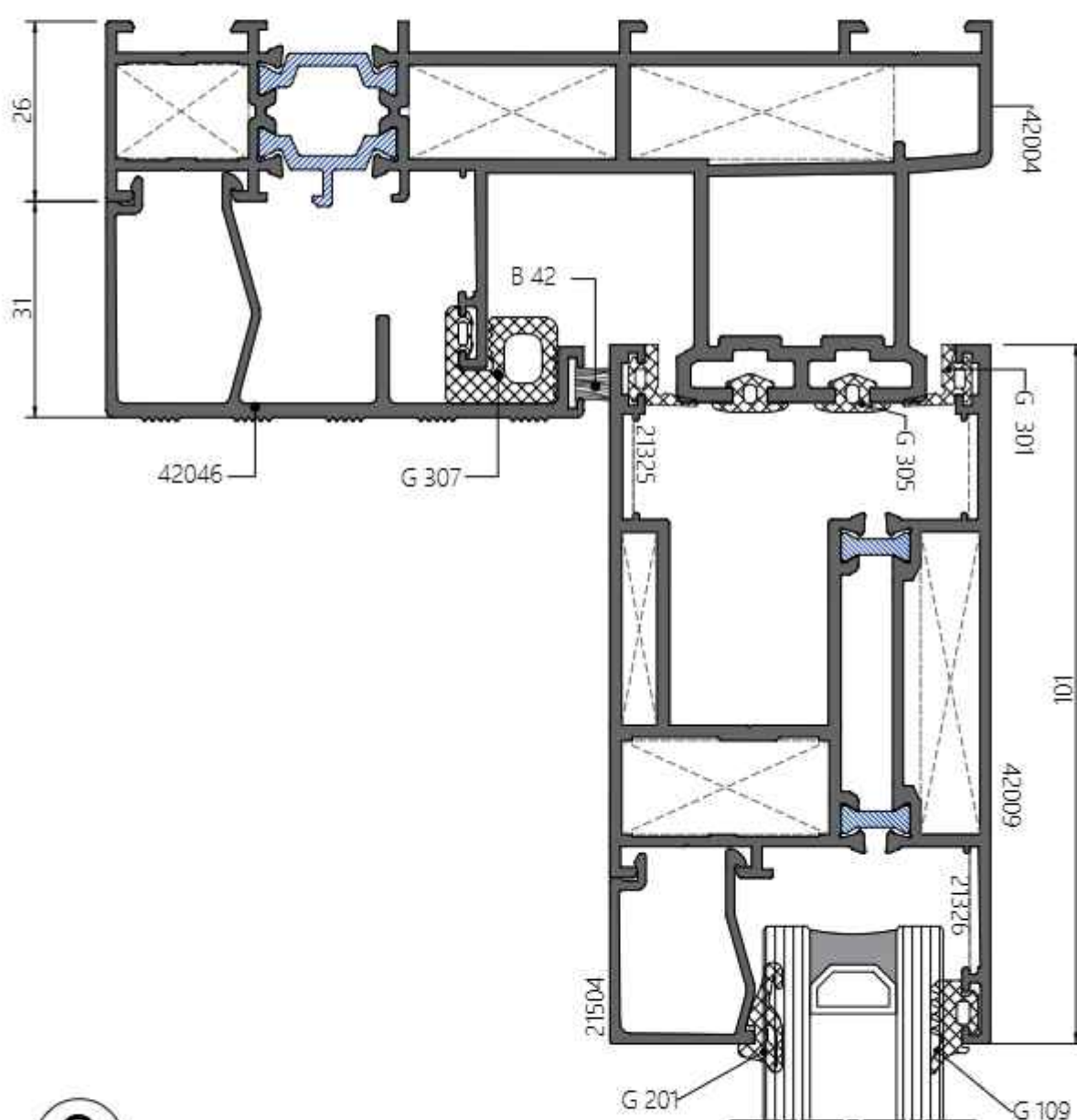
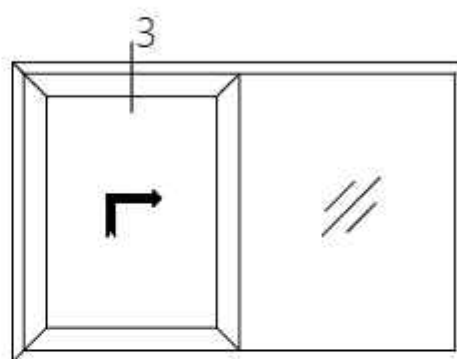
HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge

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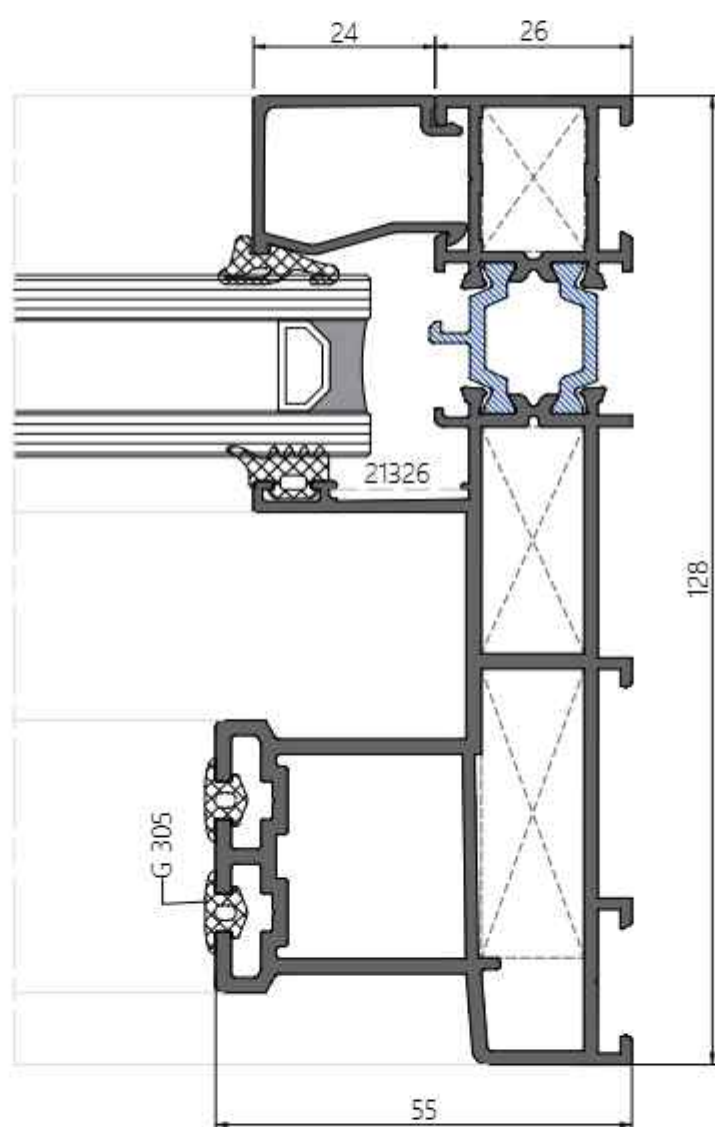
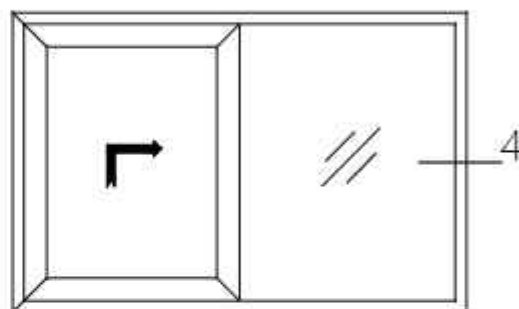
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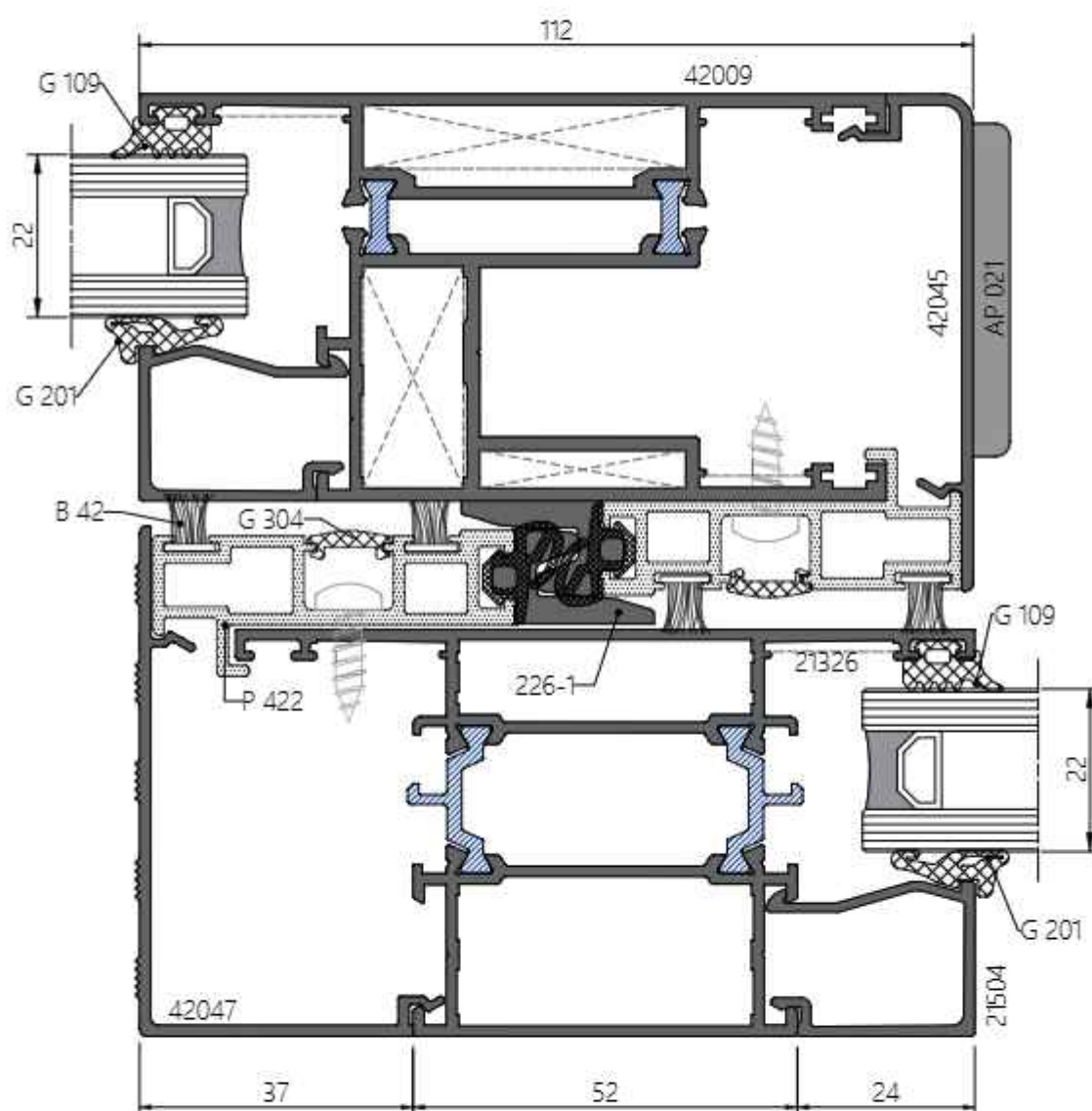
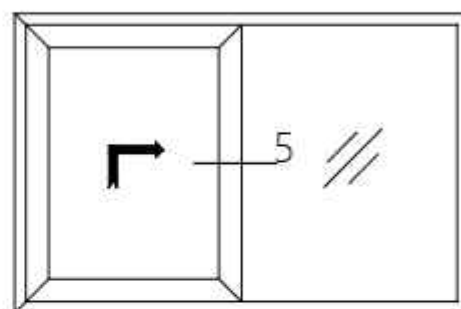
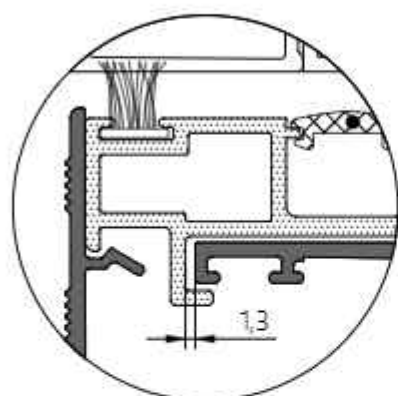
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HATCH GUIDE : Aluminium PolyAmid PVC EPDM Sponge



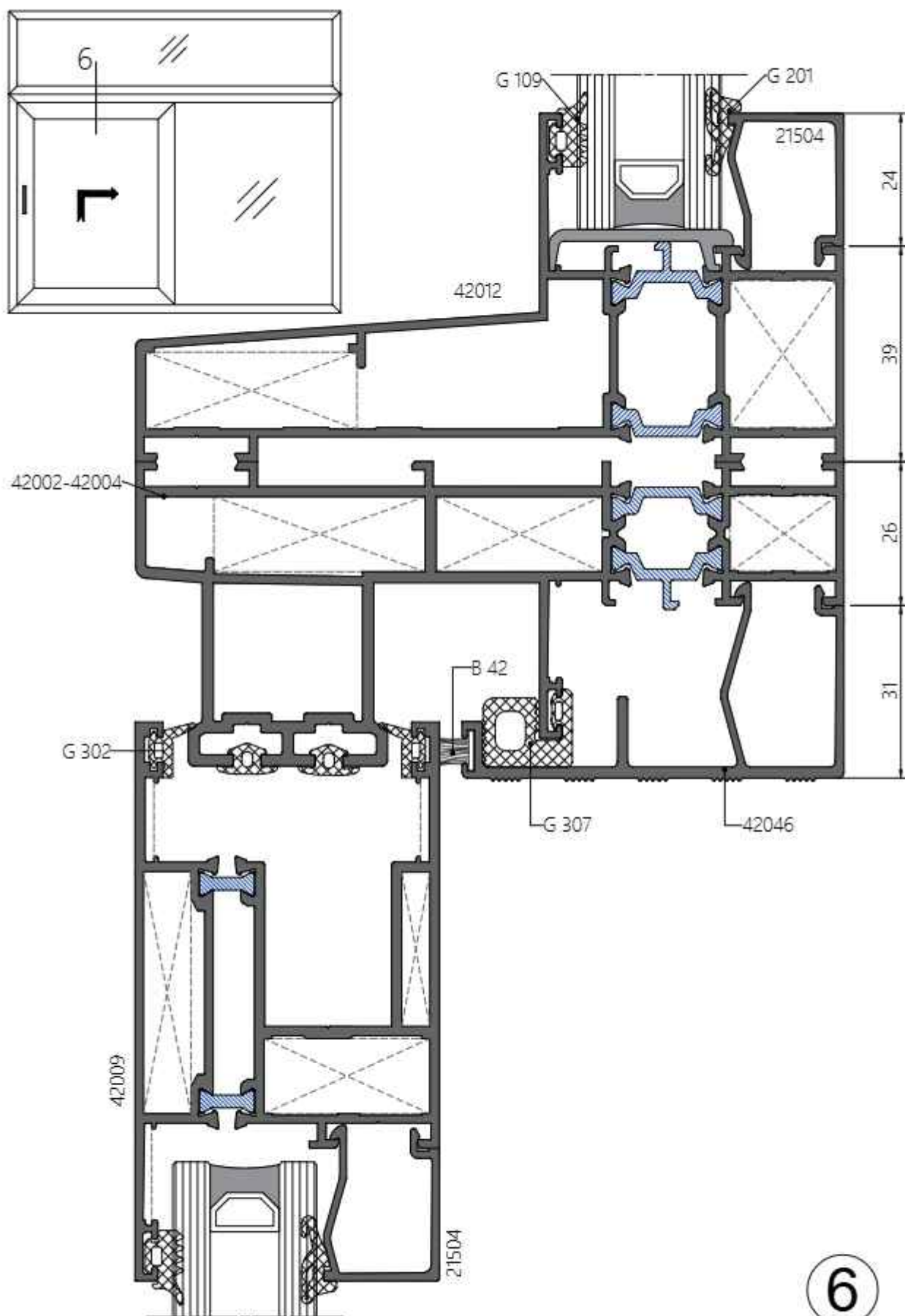
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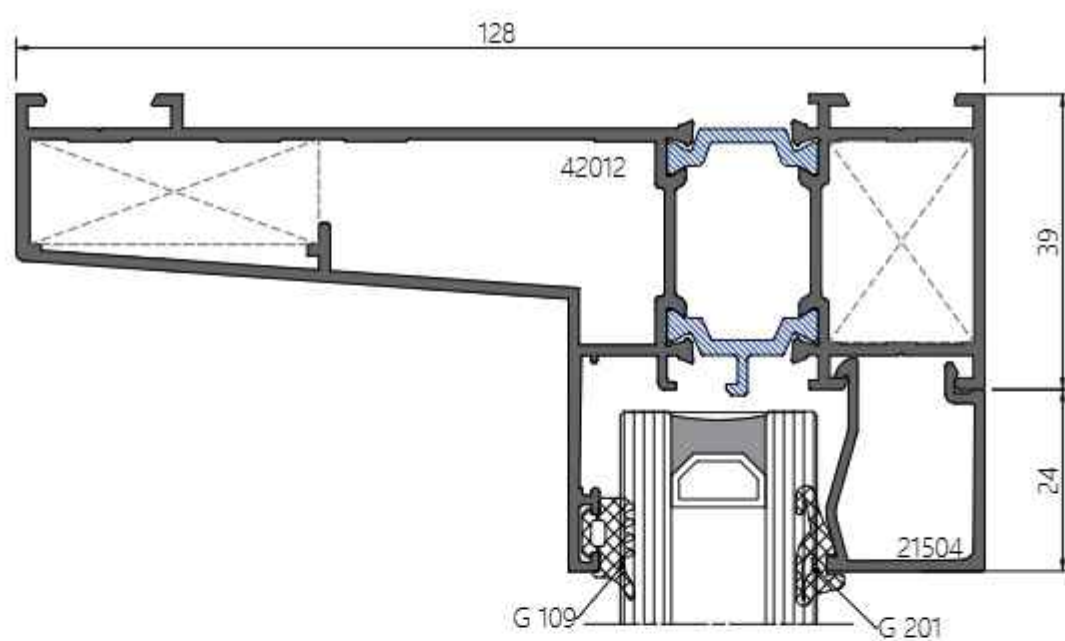
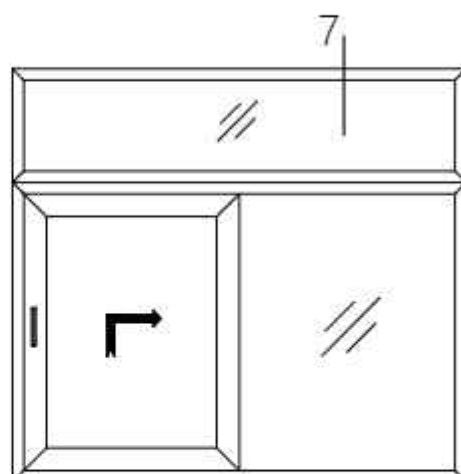
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HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge



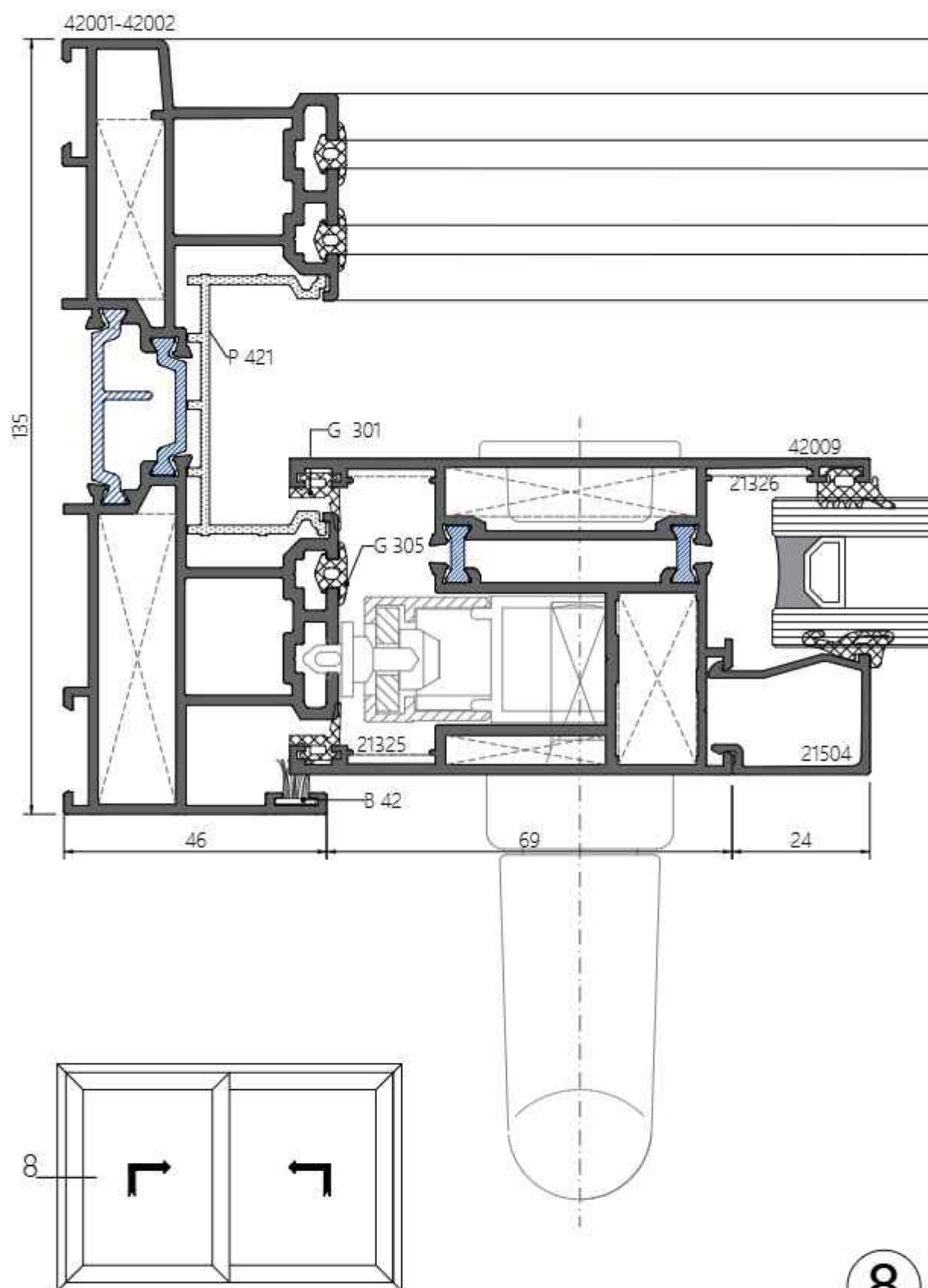
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HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge



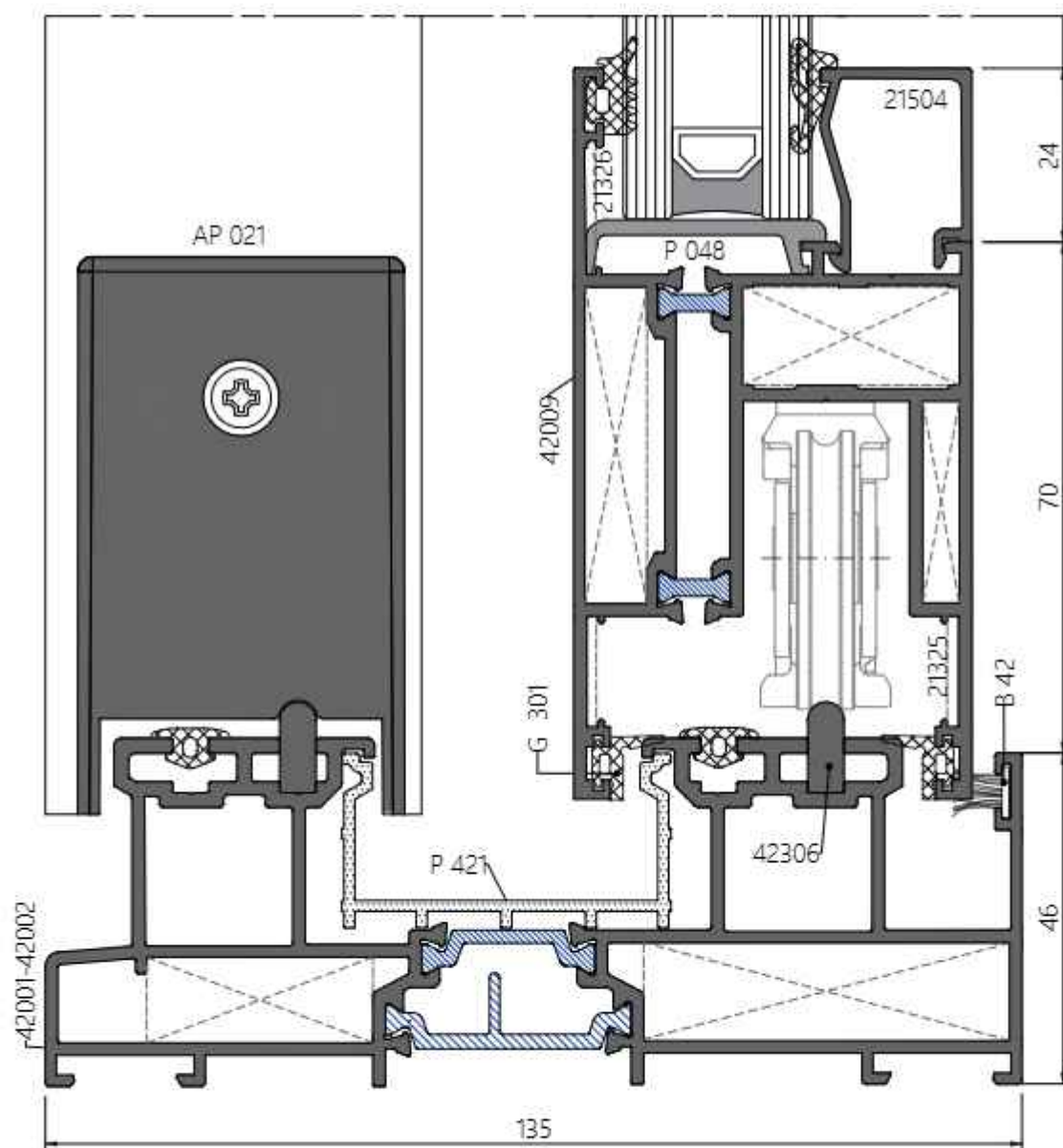
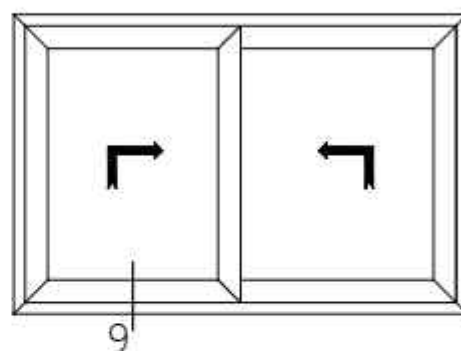
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HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge



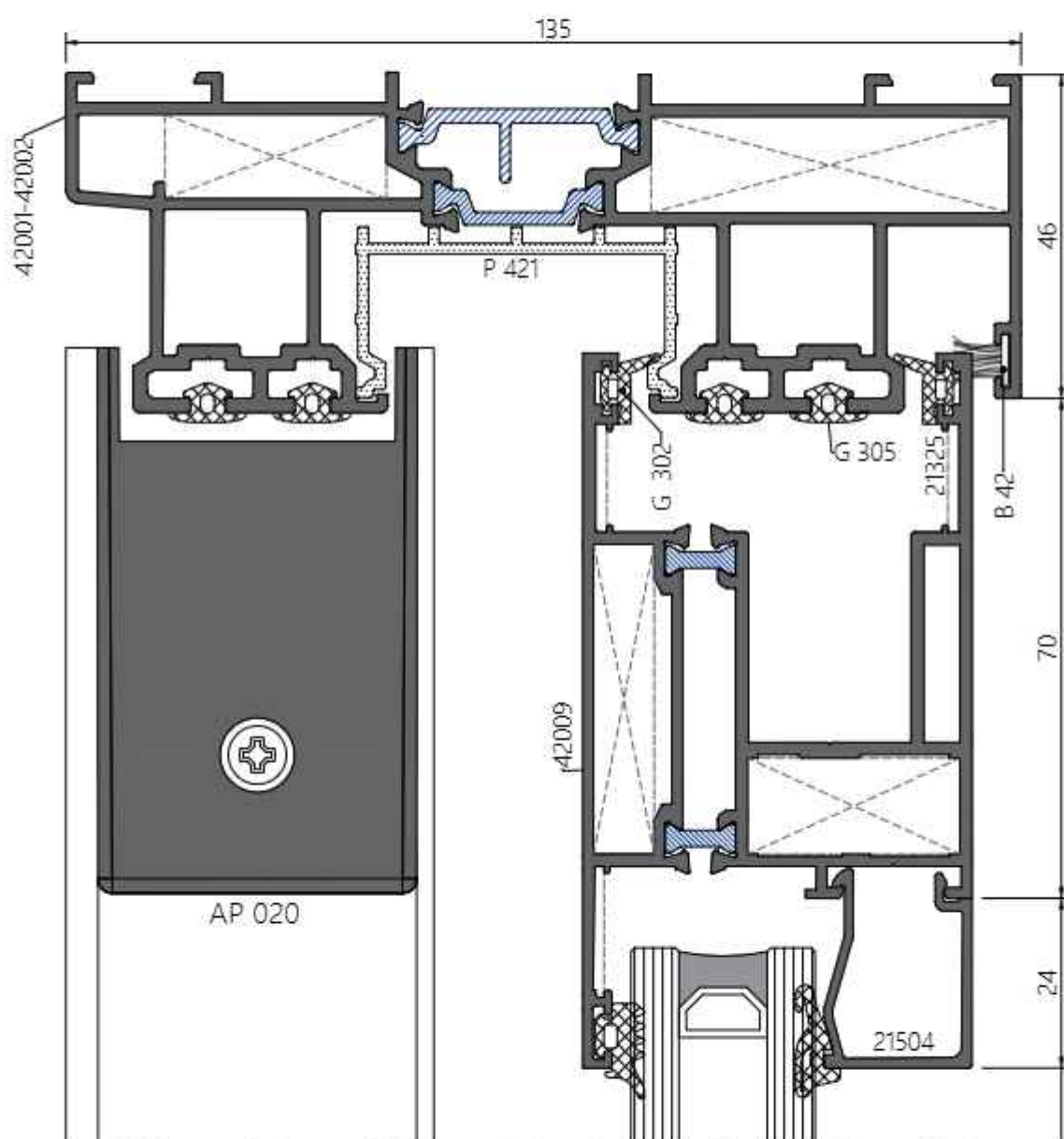
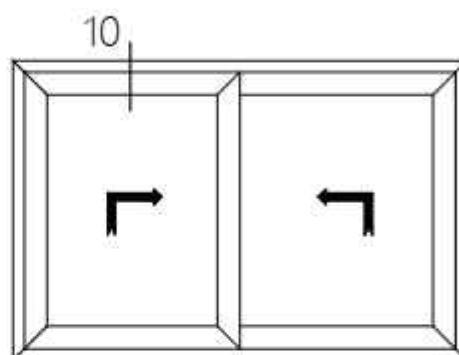
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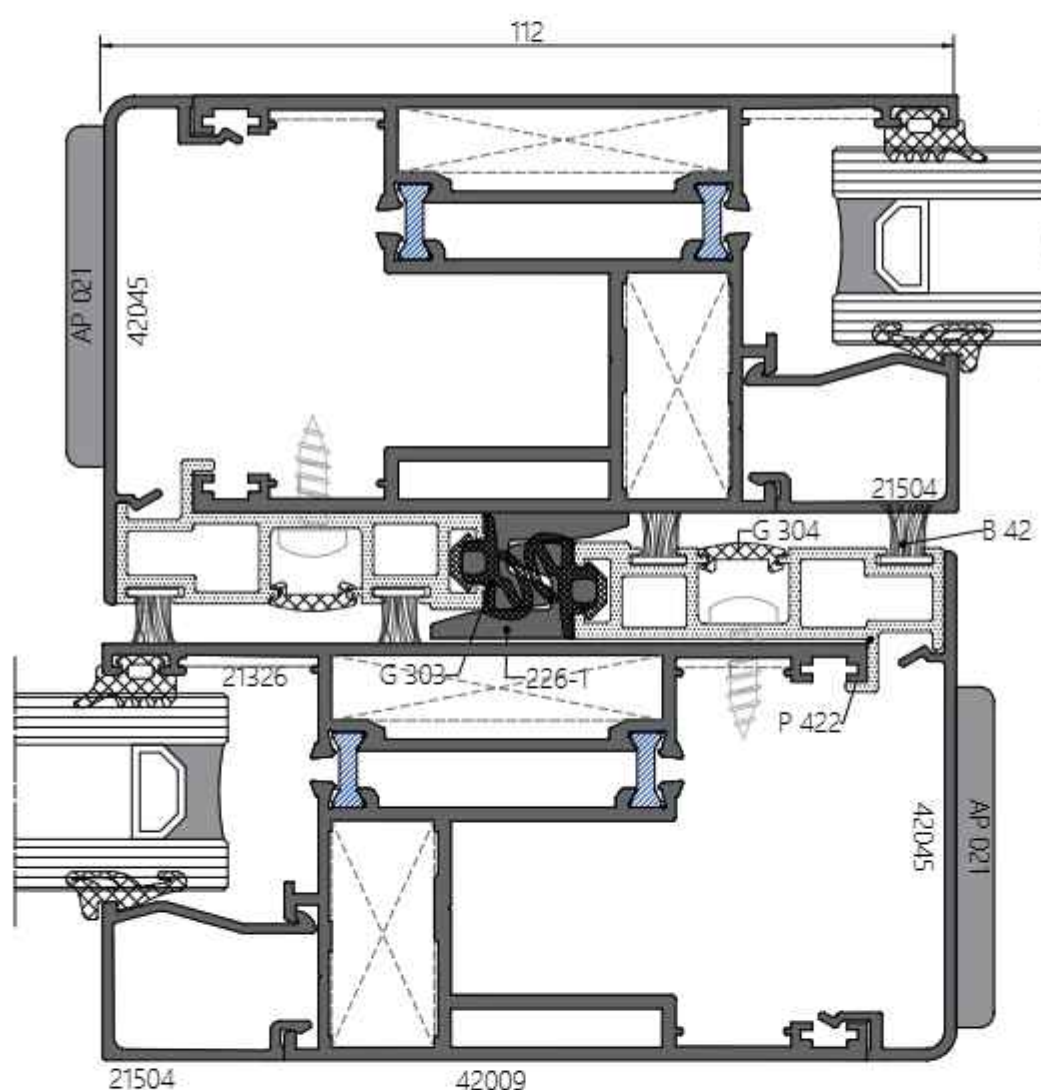
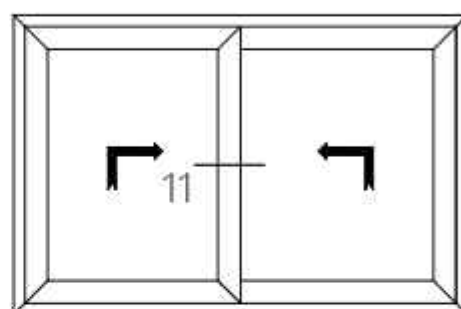
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HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge



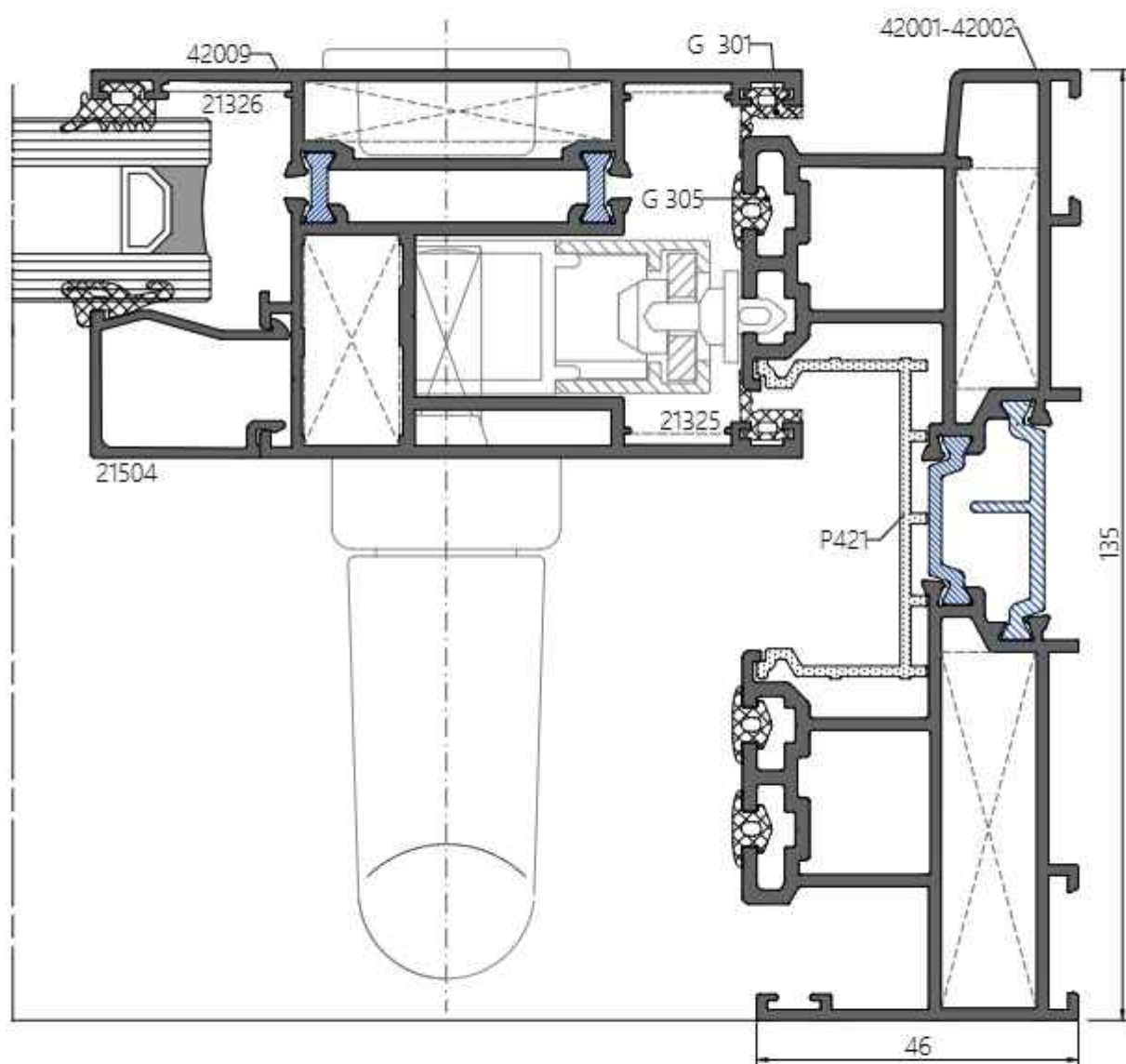
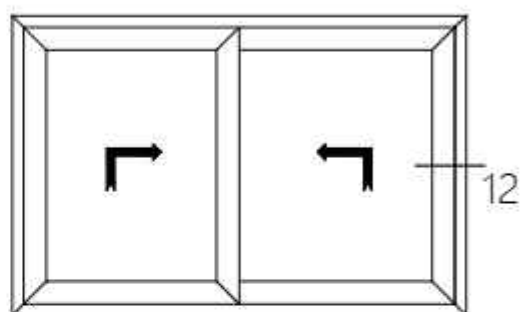
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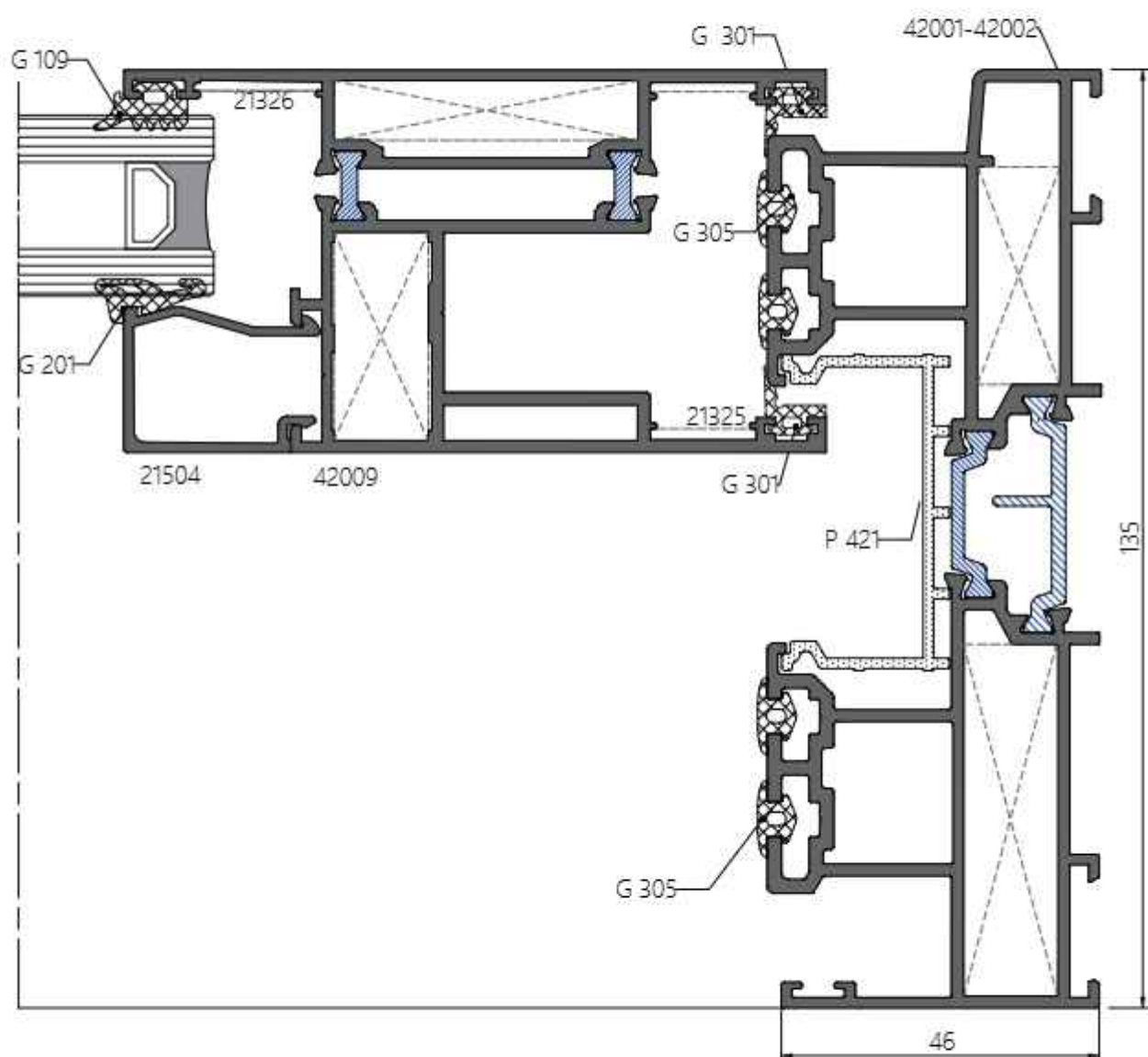
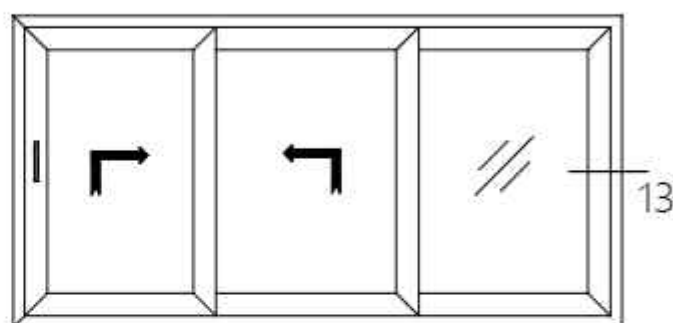
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HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge



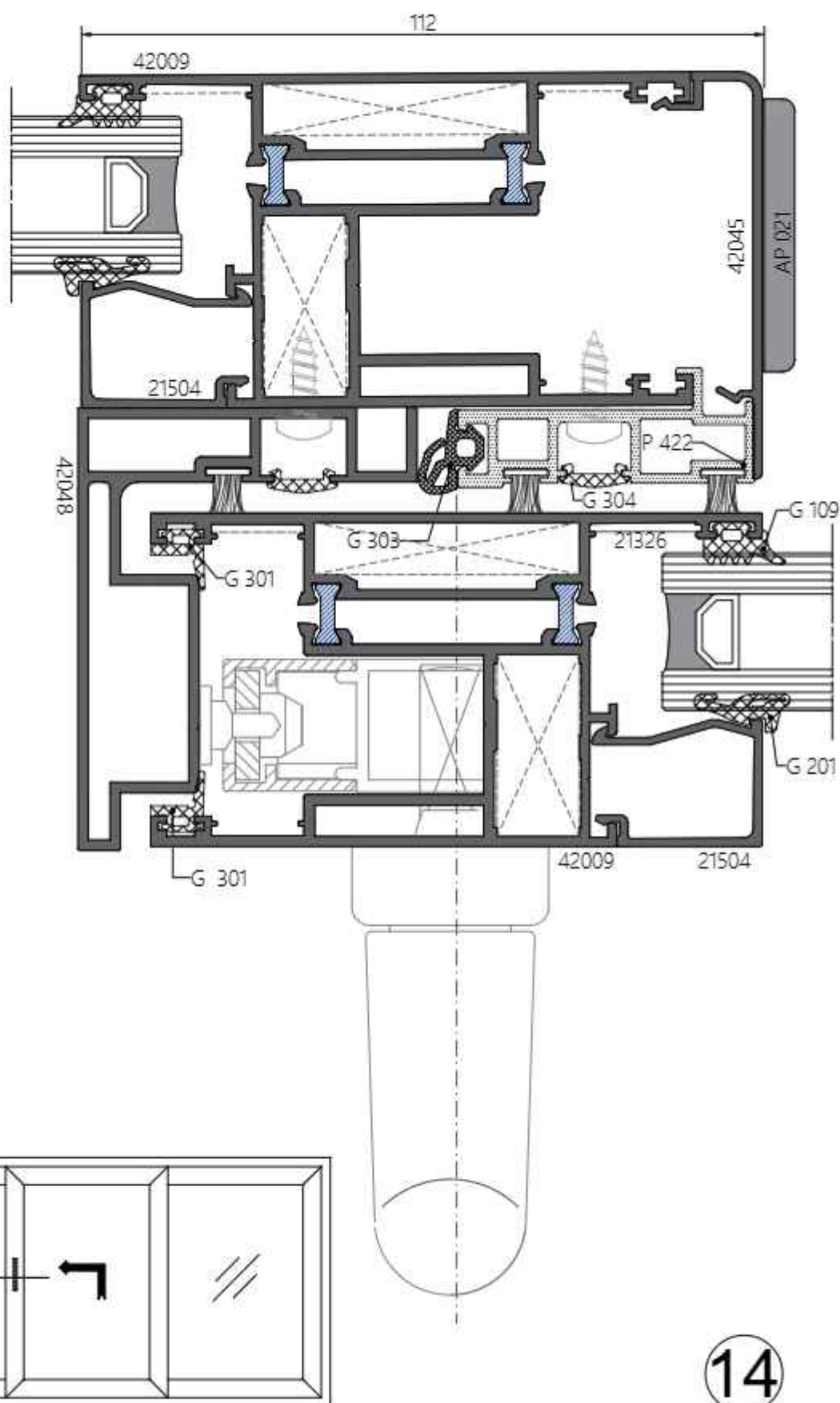
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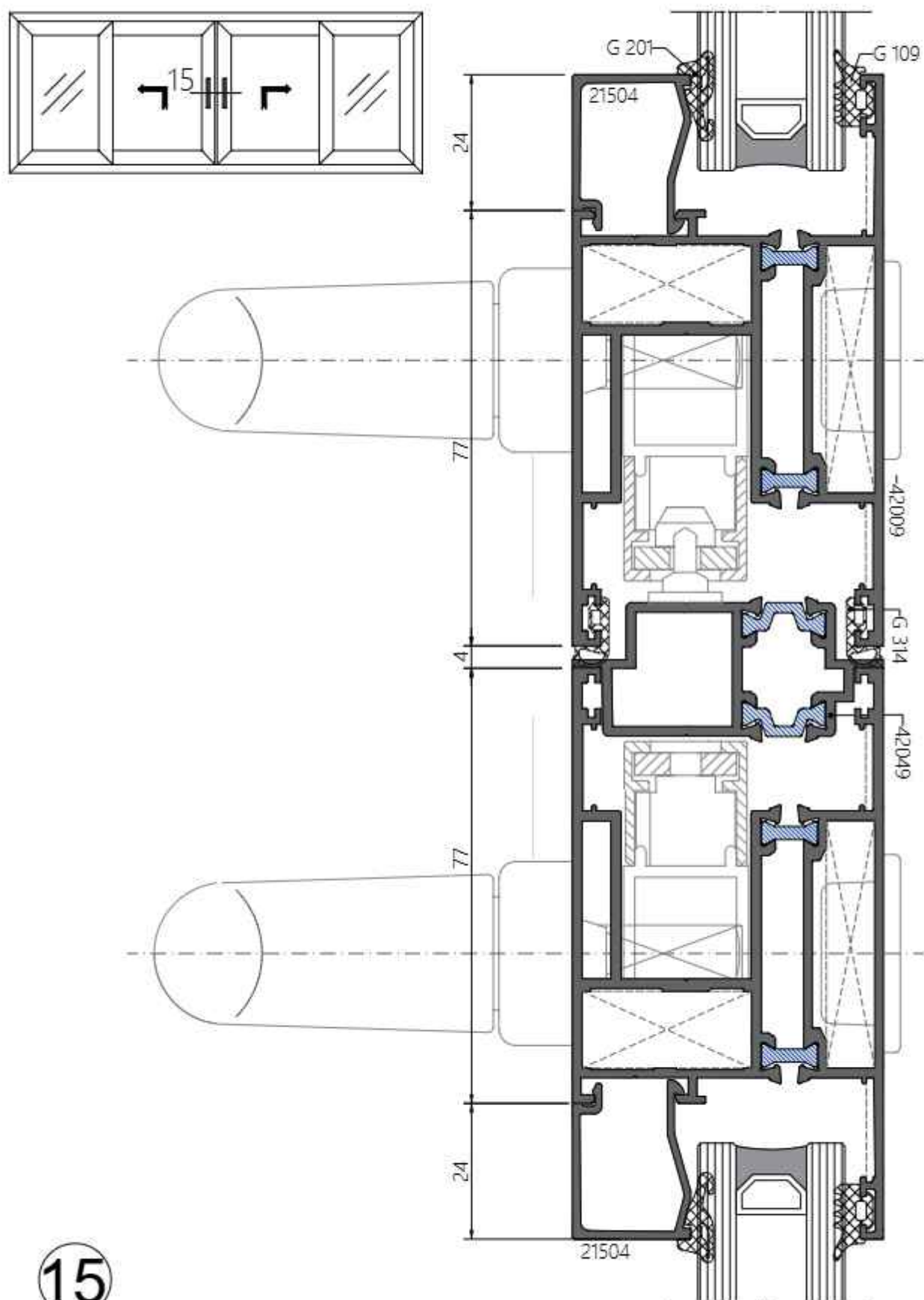
HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge



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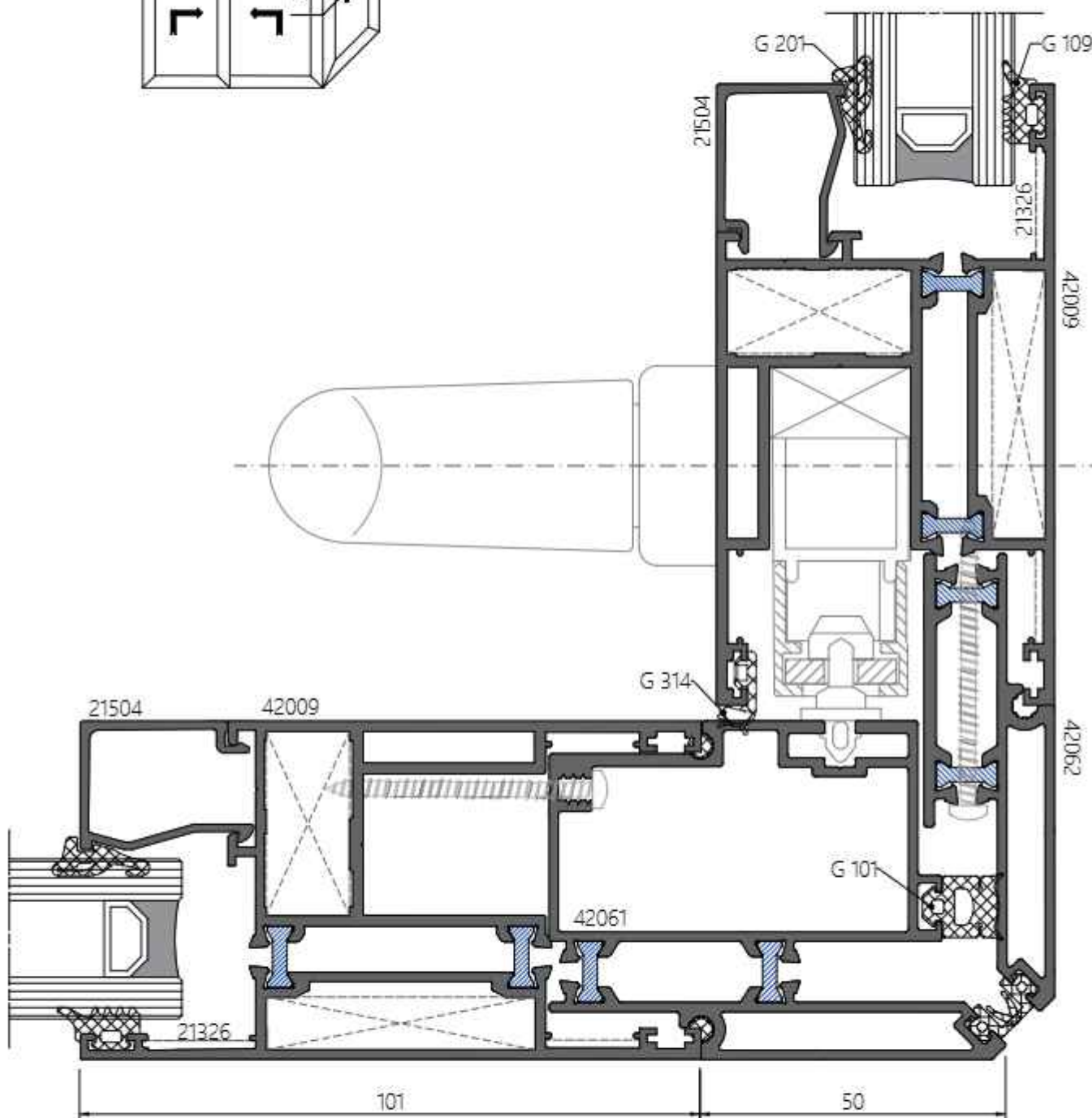
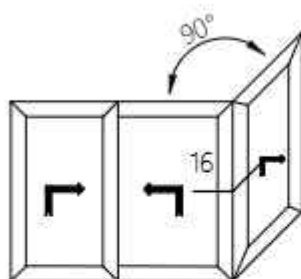
HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge





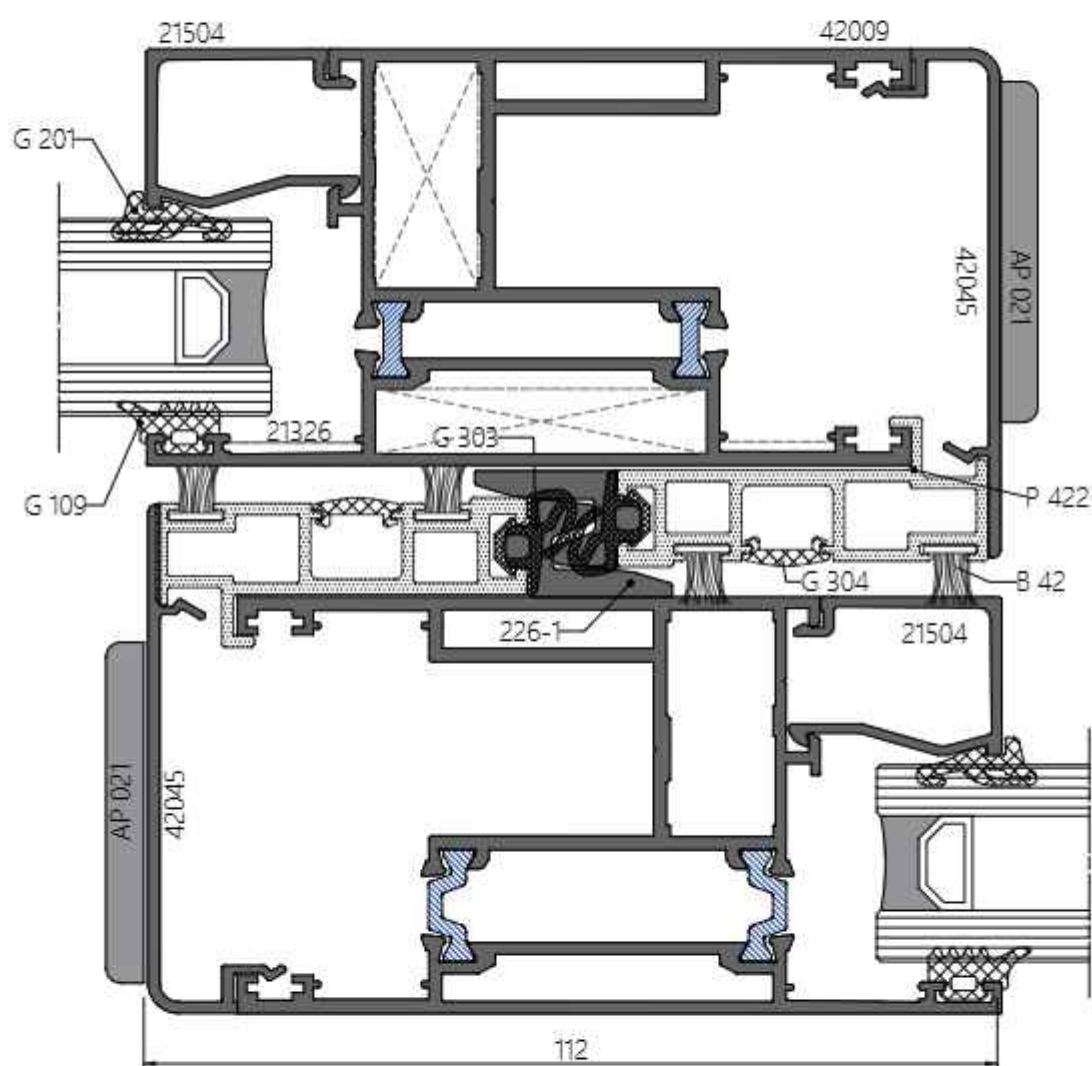
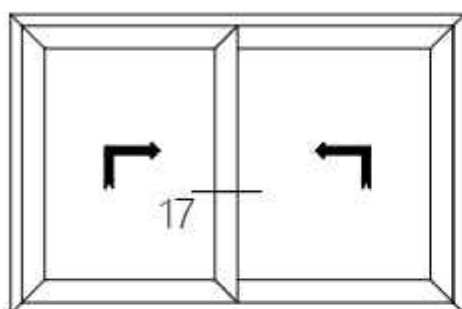
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HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge



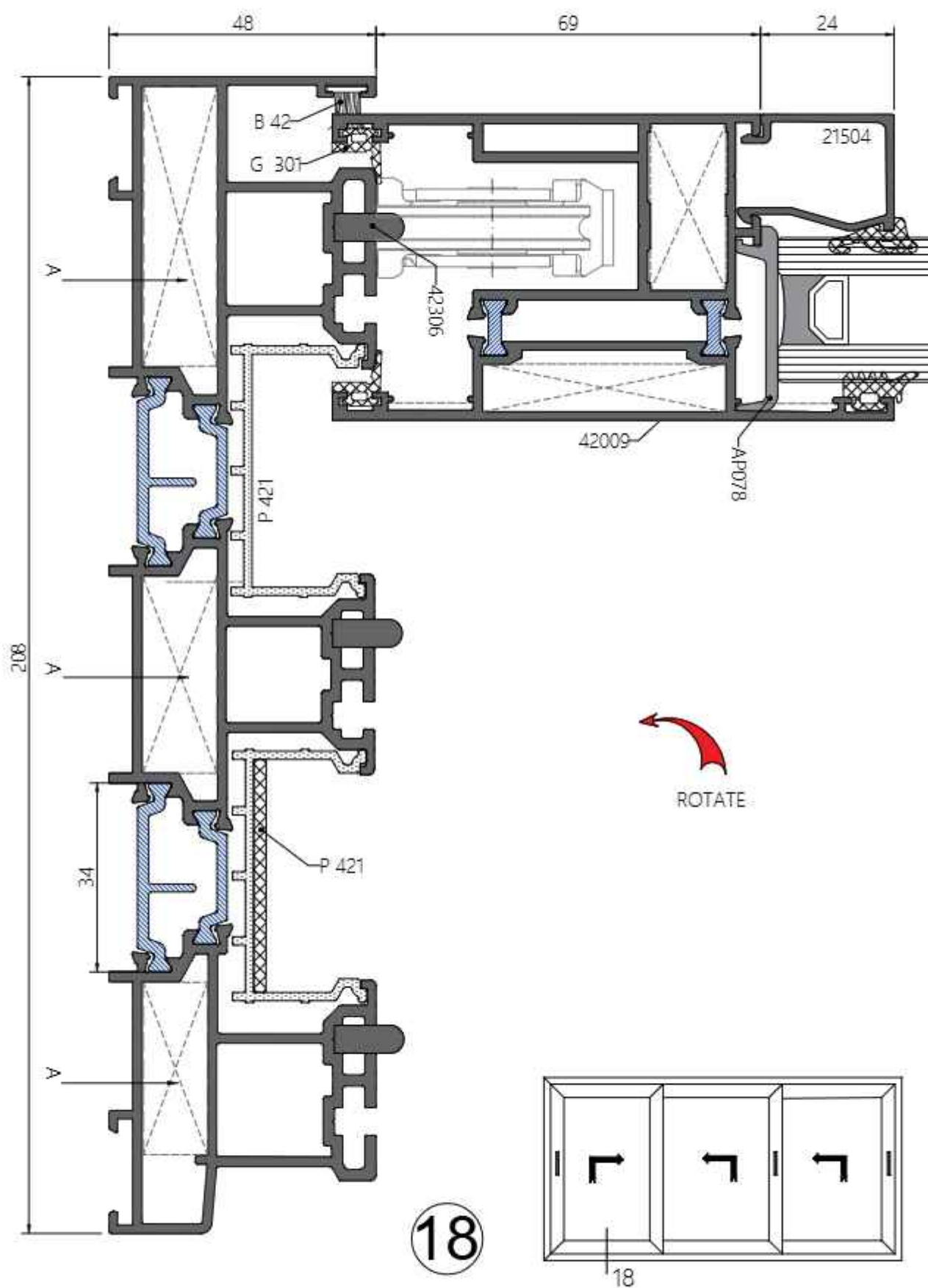
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HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge

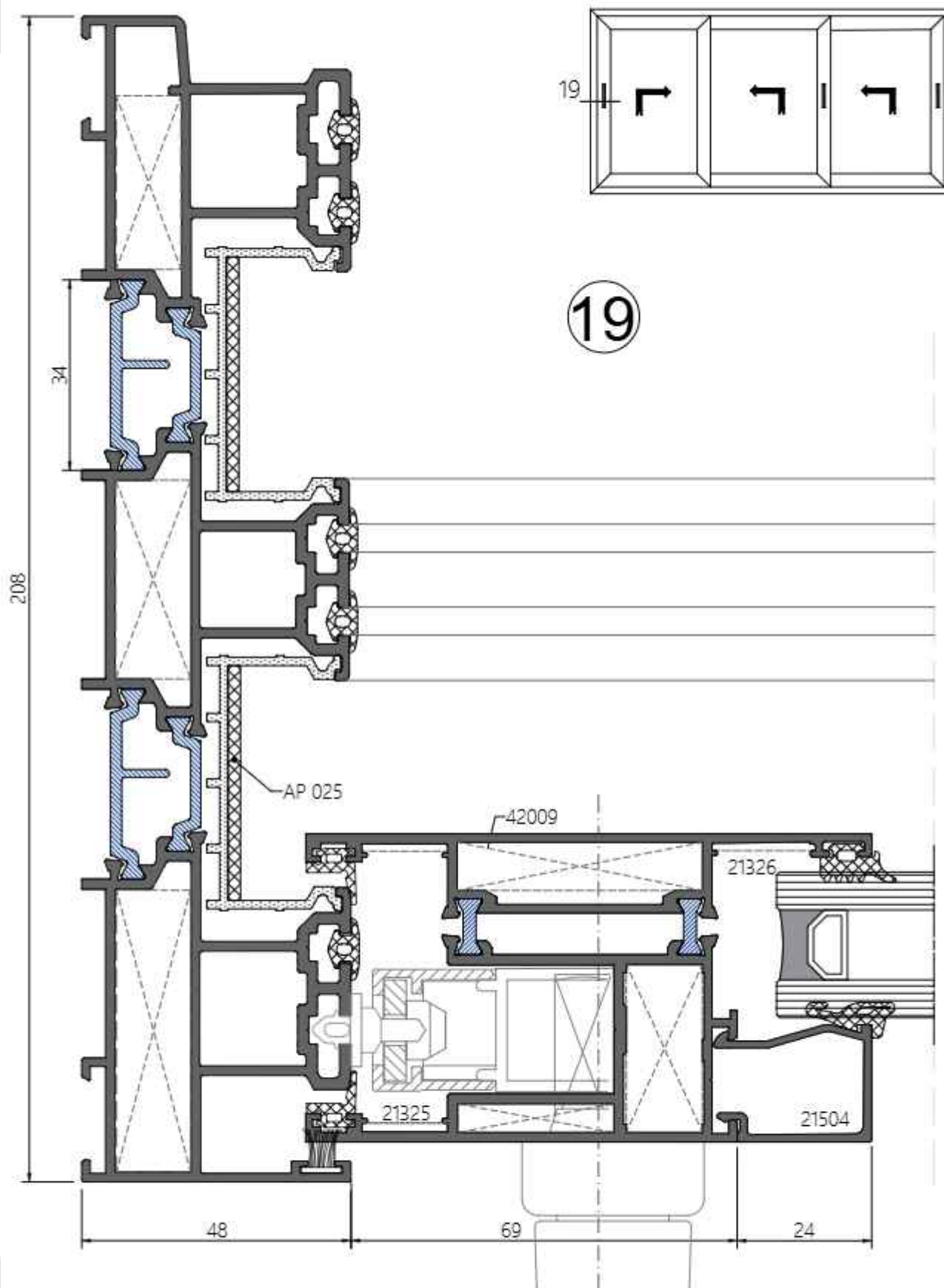


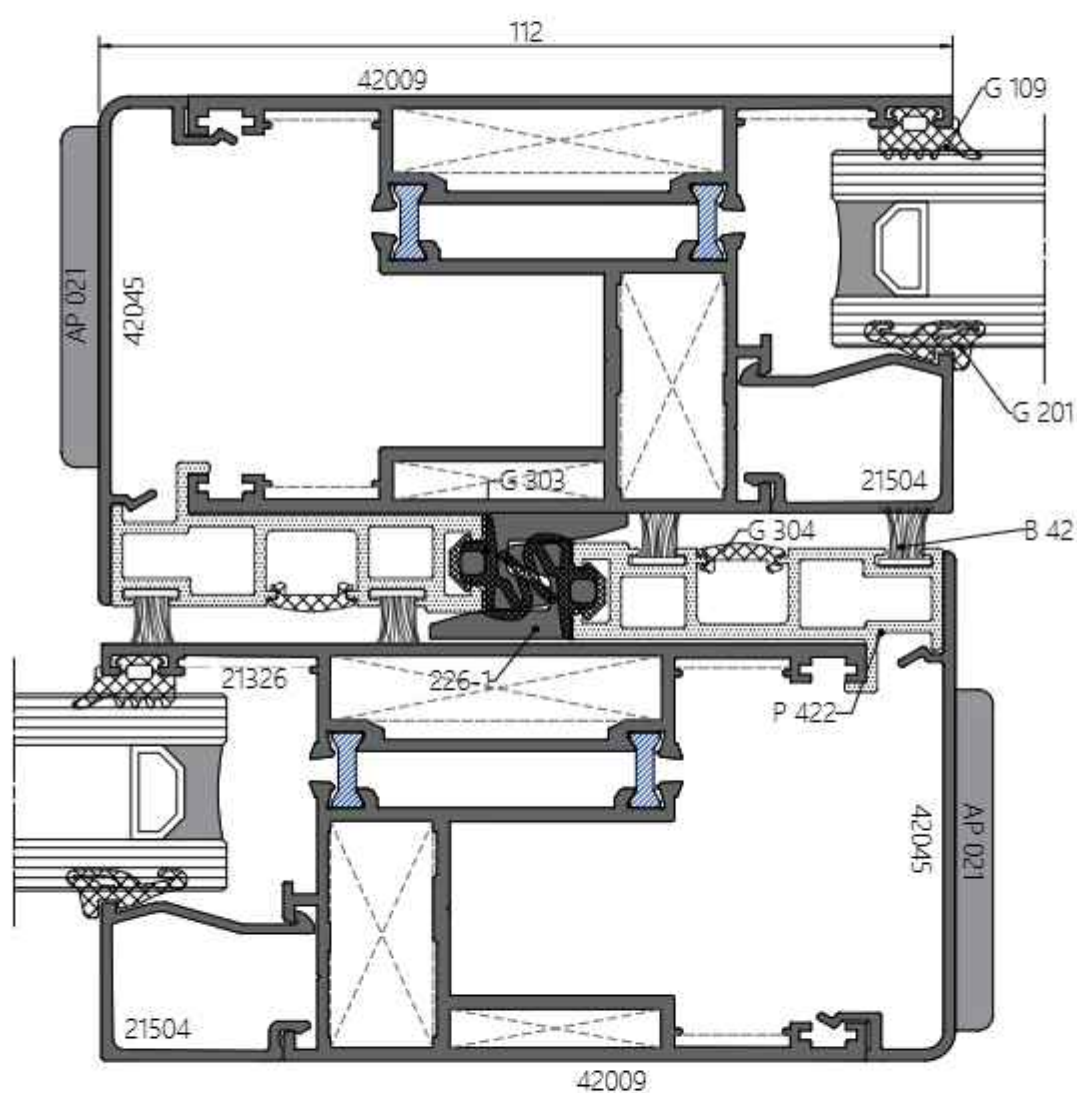
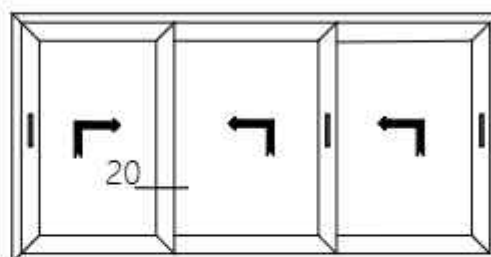
17

HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge



HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge

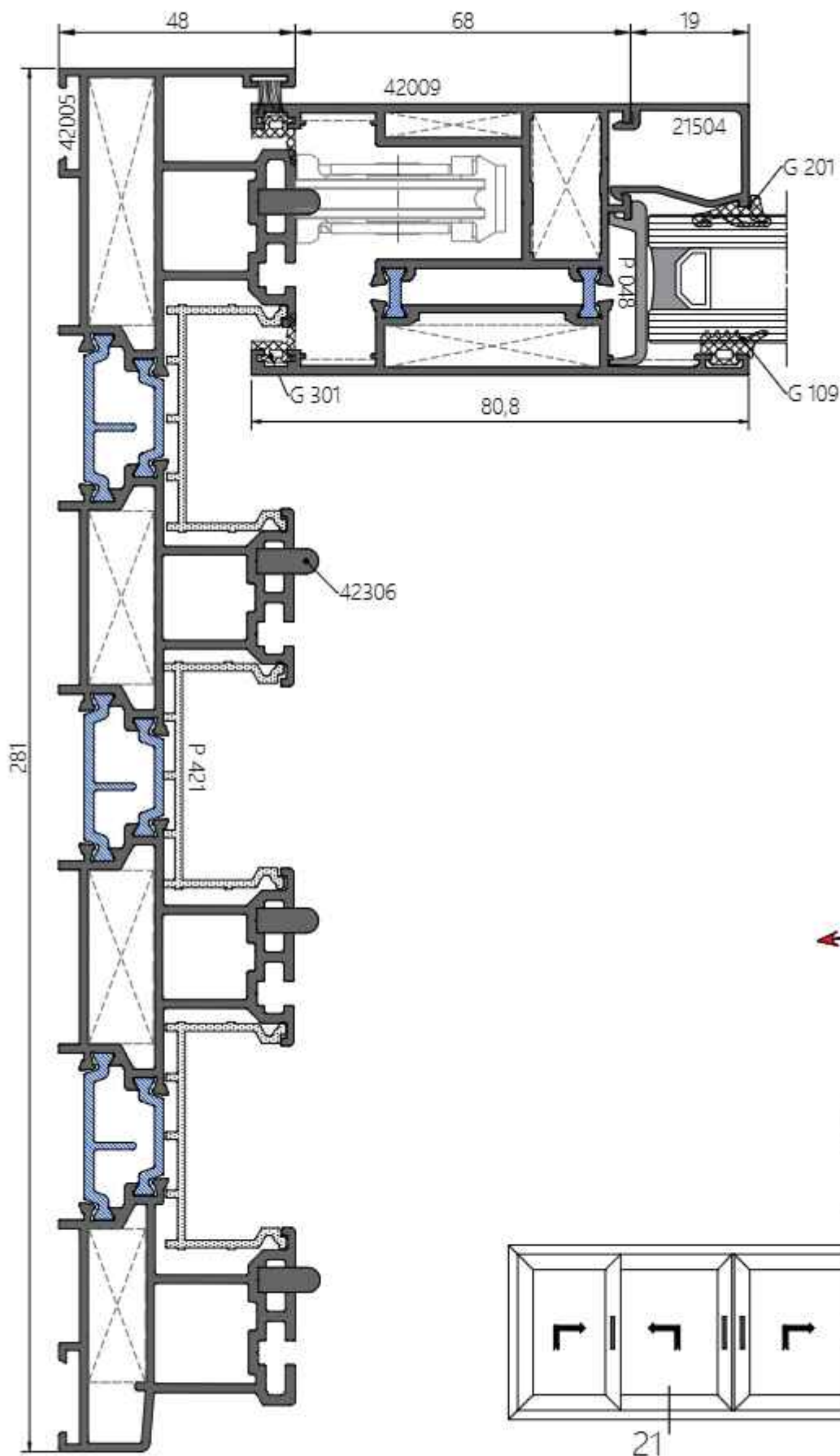




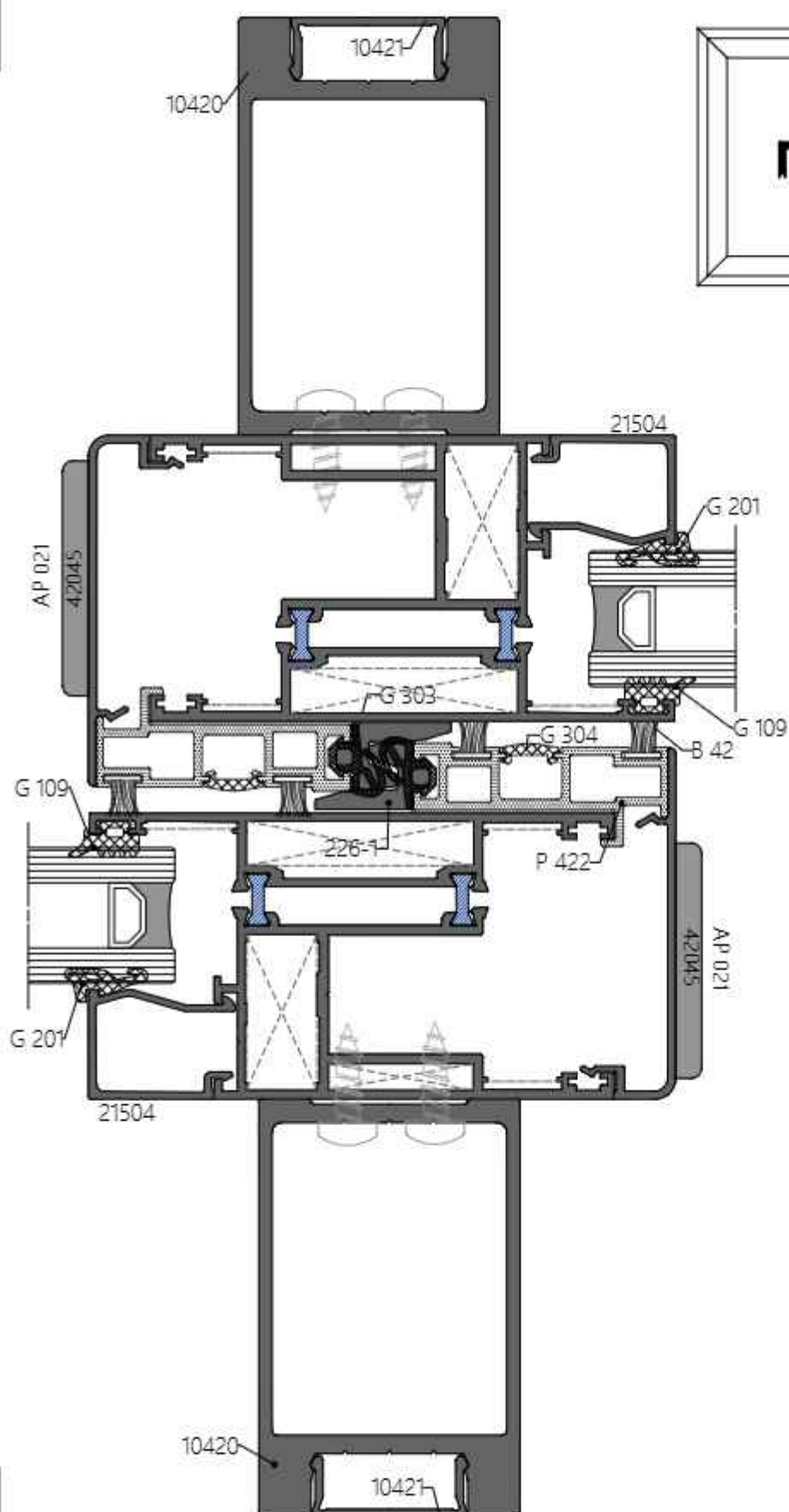
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HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge

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HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge



22

SCALE:0.8

HATCH GUIDE : ● Aluminium

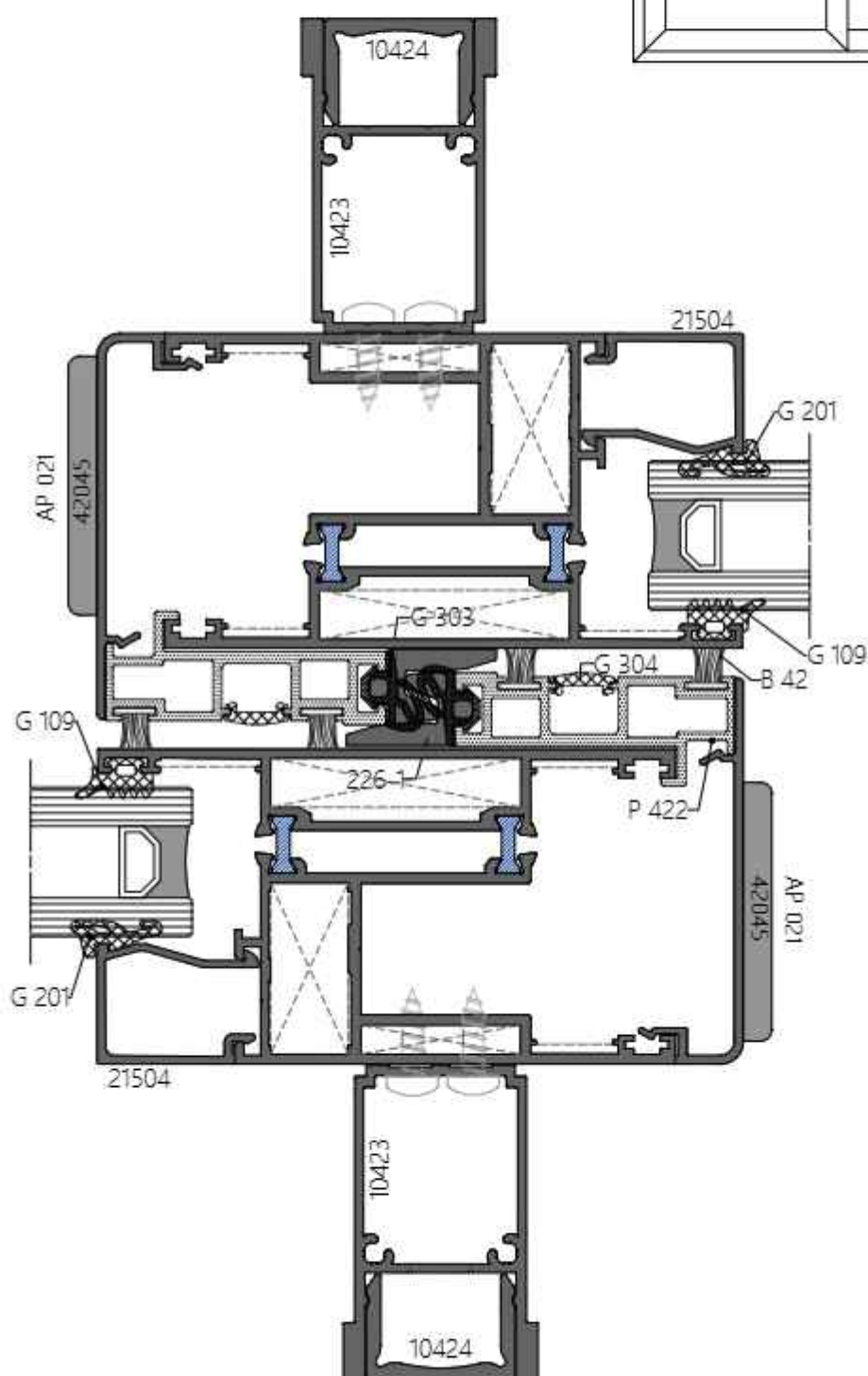
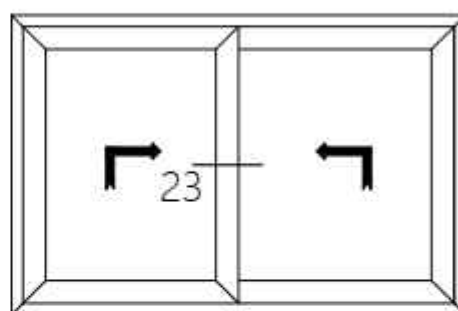
● PolyAmid

● PVC

● EPDM

● Sponge

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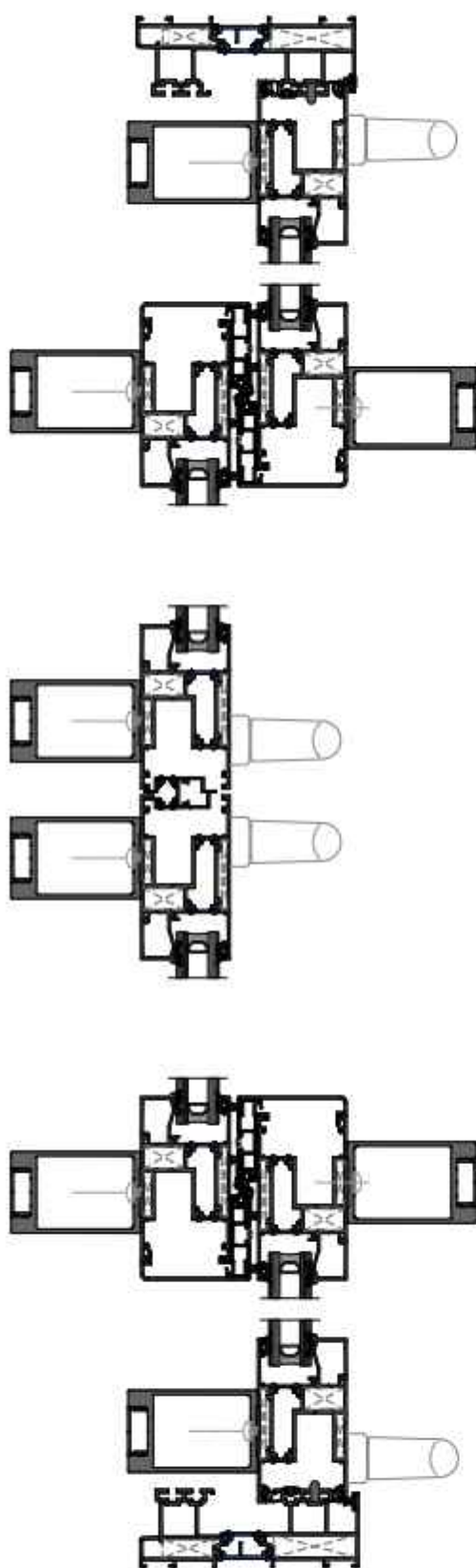


23

SCALE:0.8

HATCH GUIDE : Aluminium PolyAmid PVC EPDM Sponge

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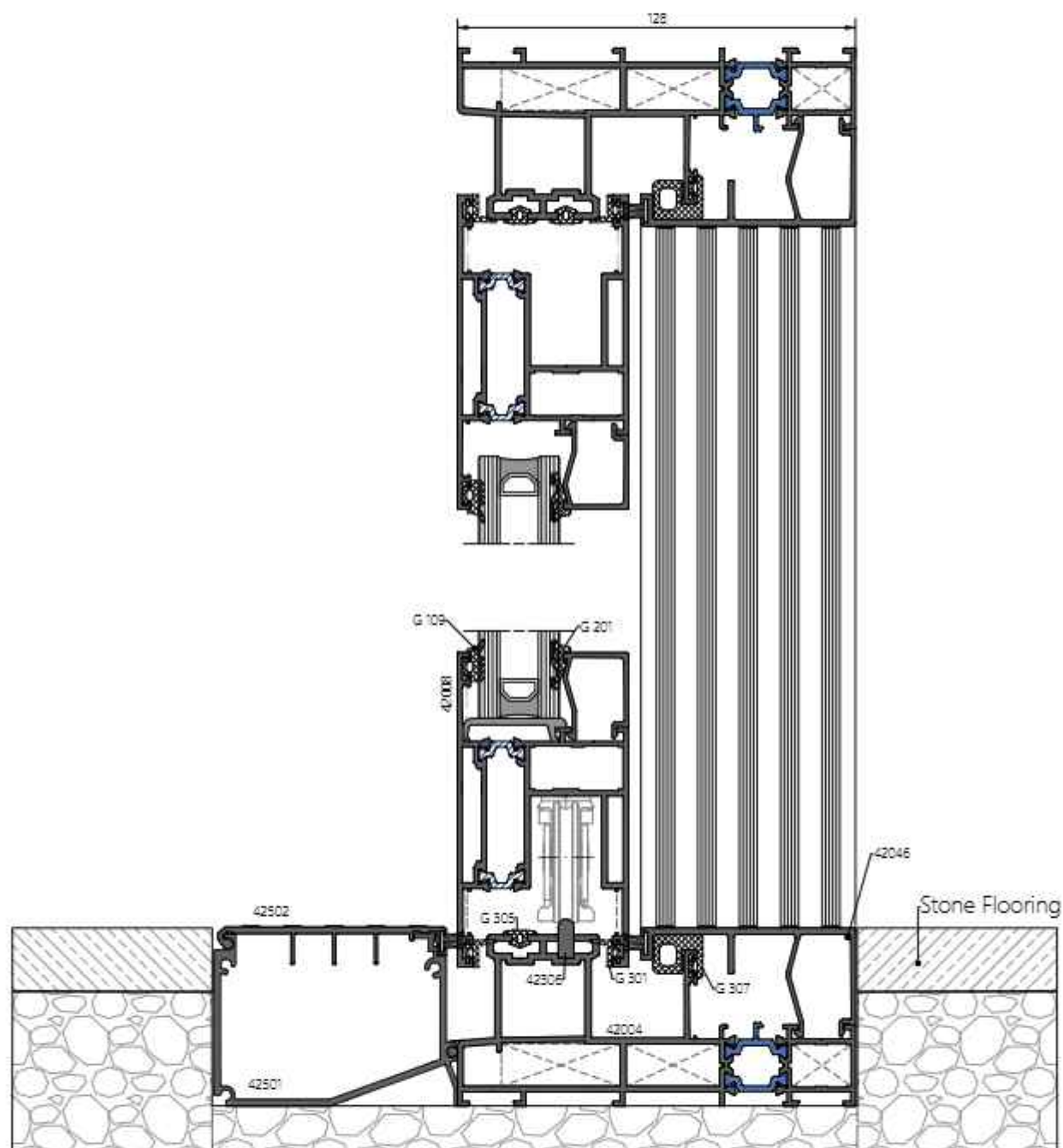
HATCH GUIDE : ● Aluminium

● PolyAmid

● PVC

● EPDM

● Sponge



HATCH GUIDE : ● Aluminium

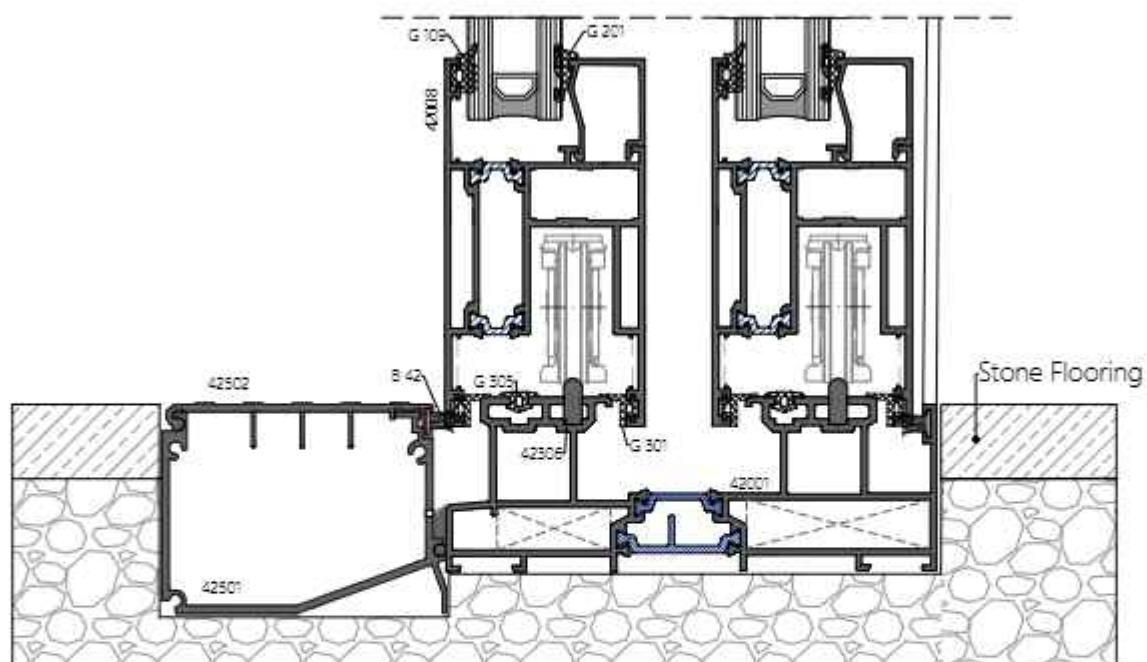
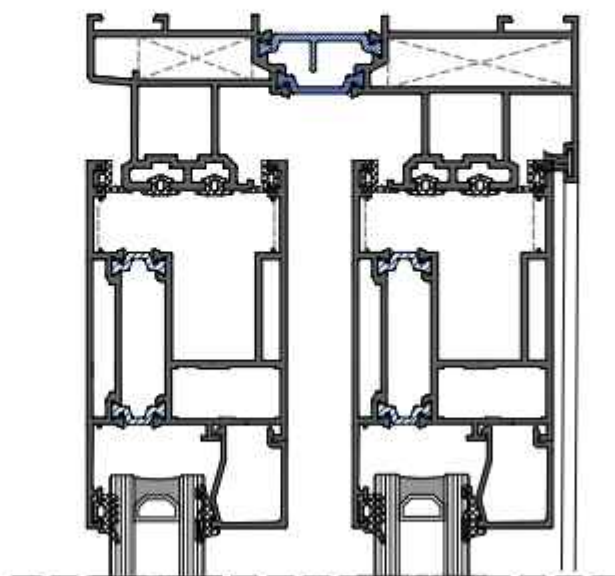
● PolyAmid

● PVC

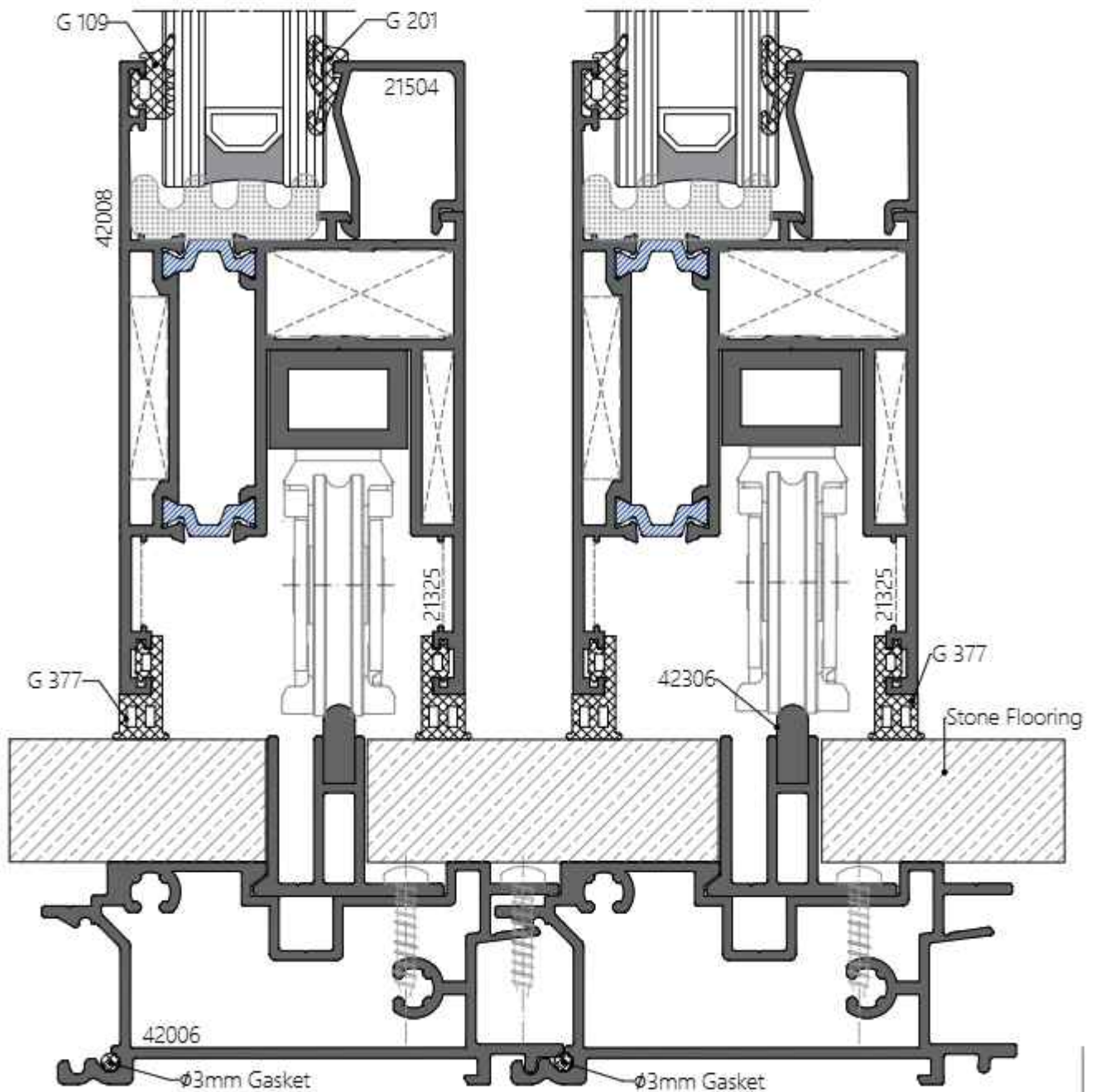
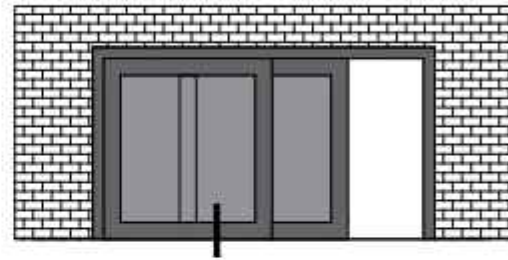
● EPDM

● Sponge

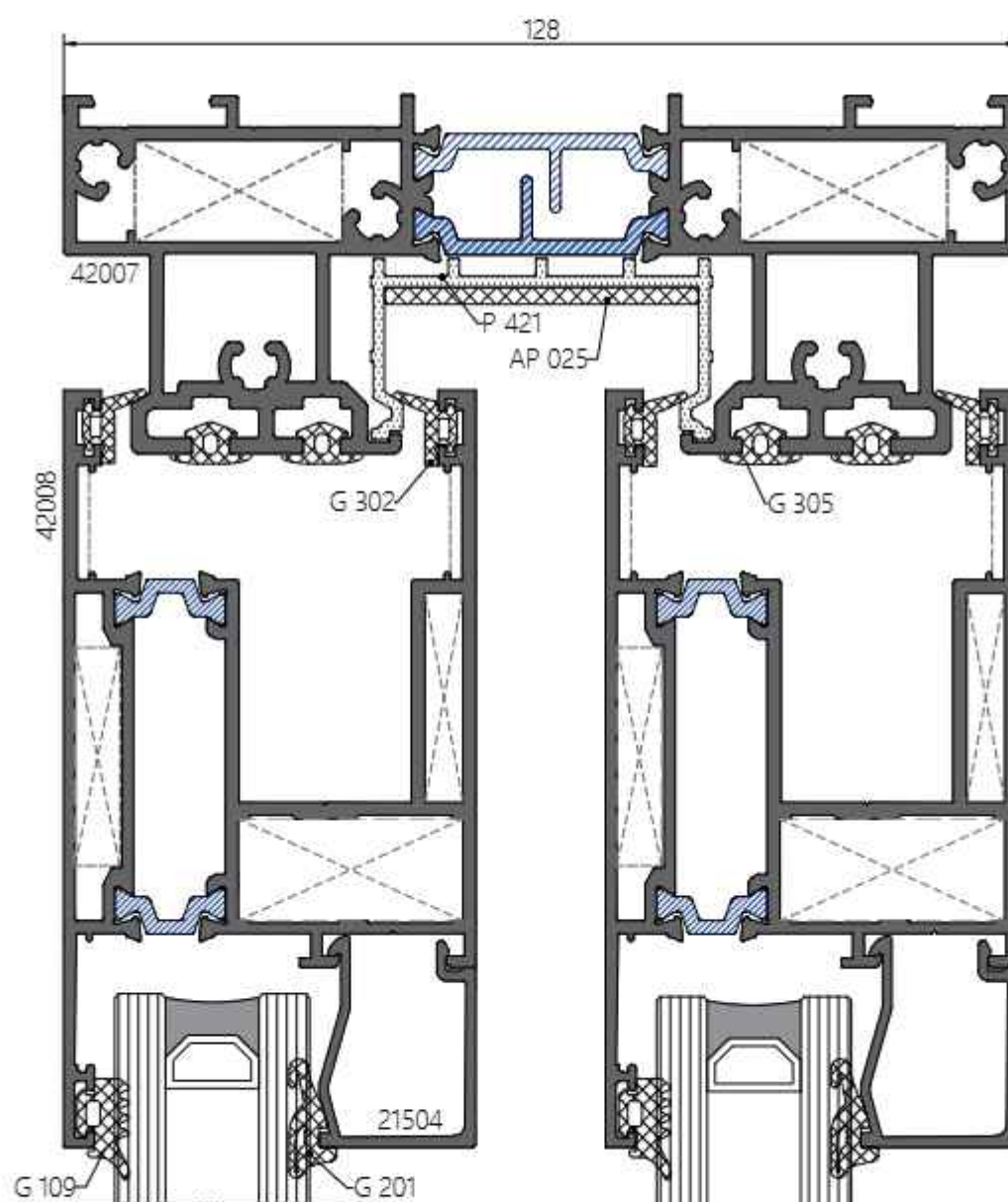
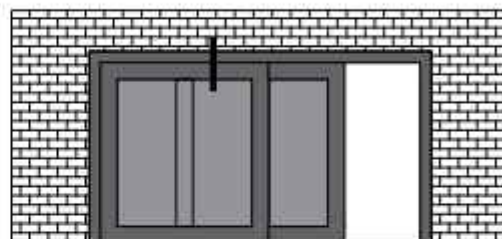
www.Bendini.co



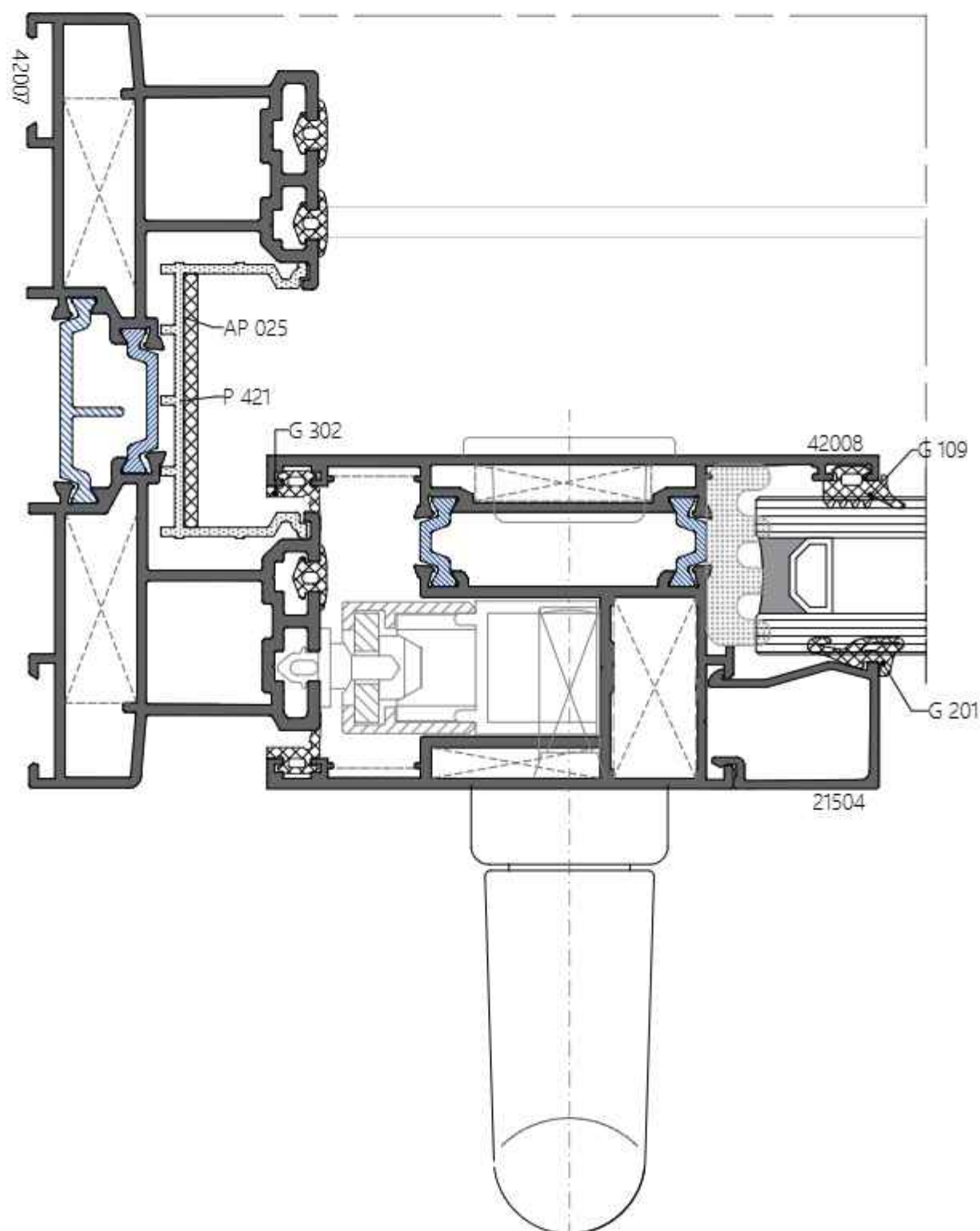
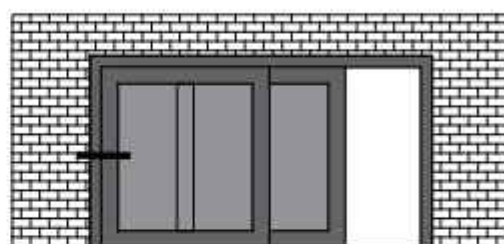
ZERO THRESHOLD DETAILS



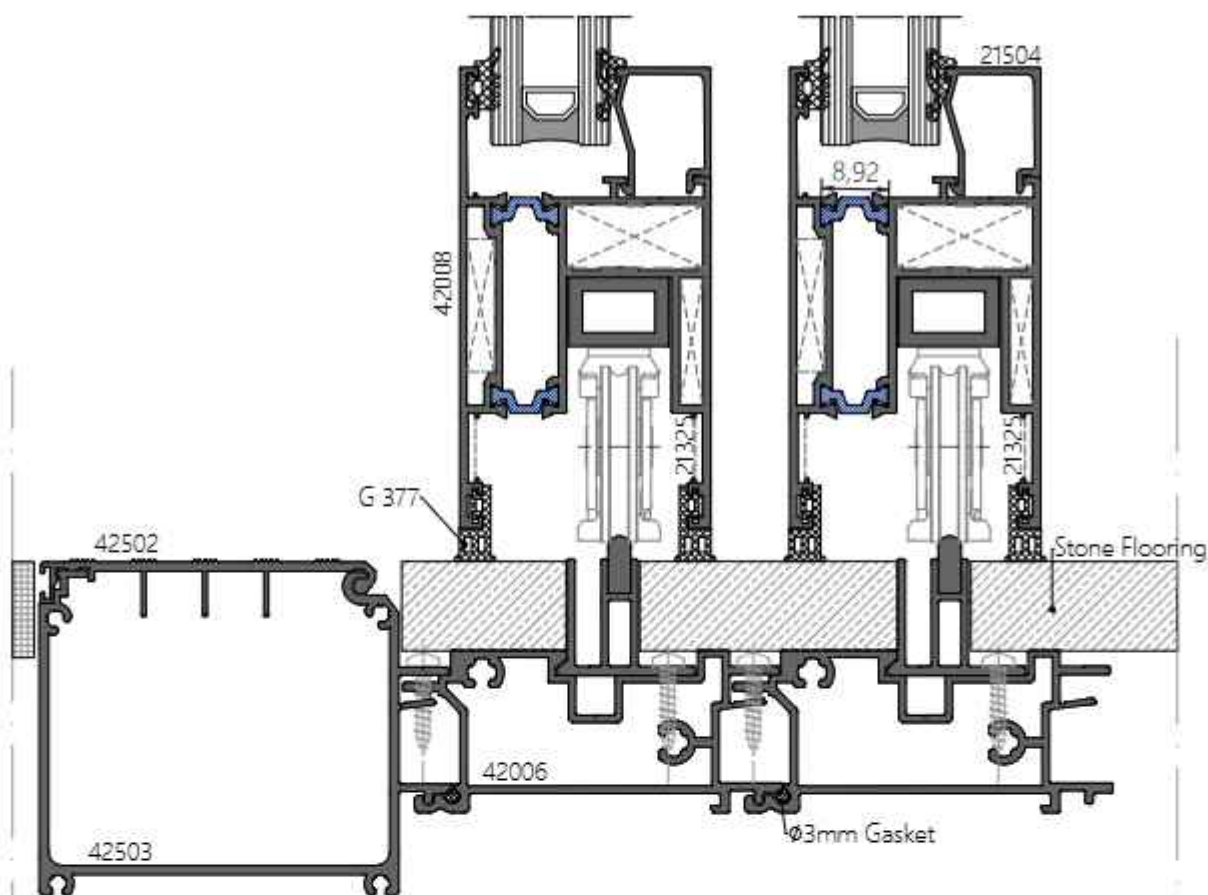
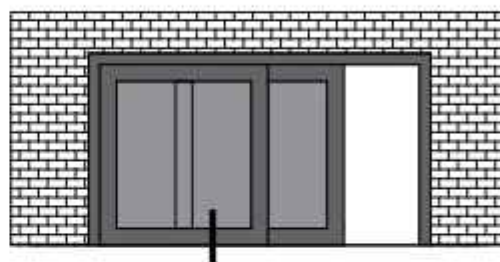
ZERO THRESHOLD DETAILS



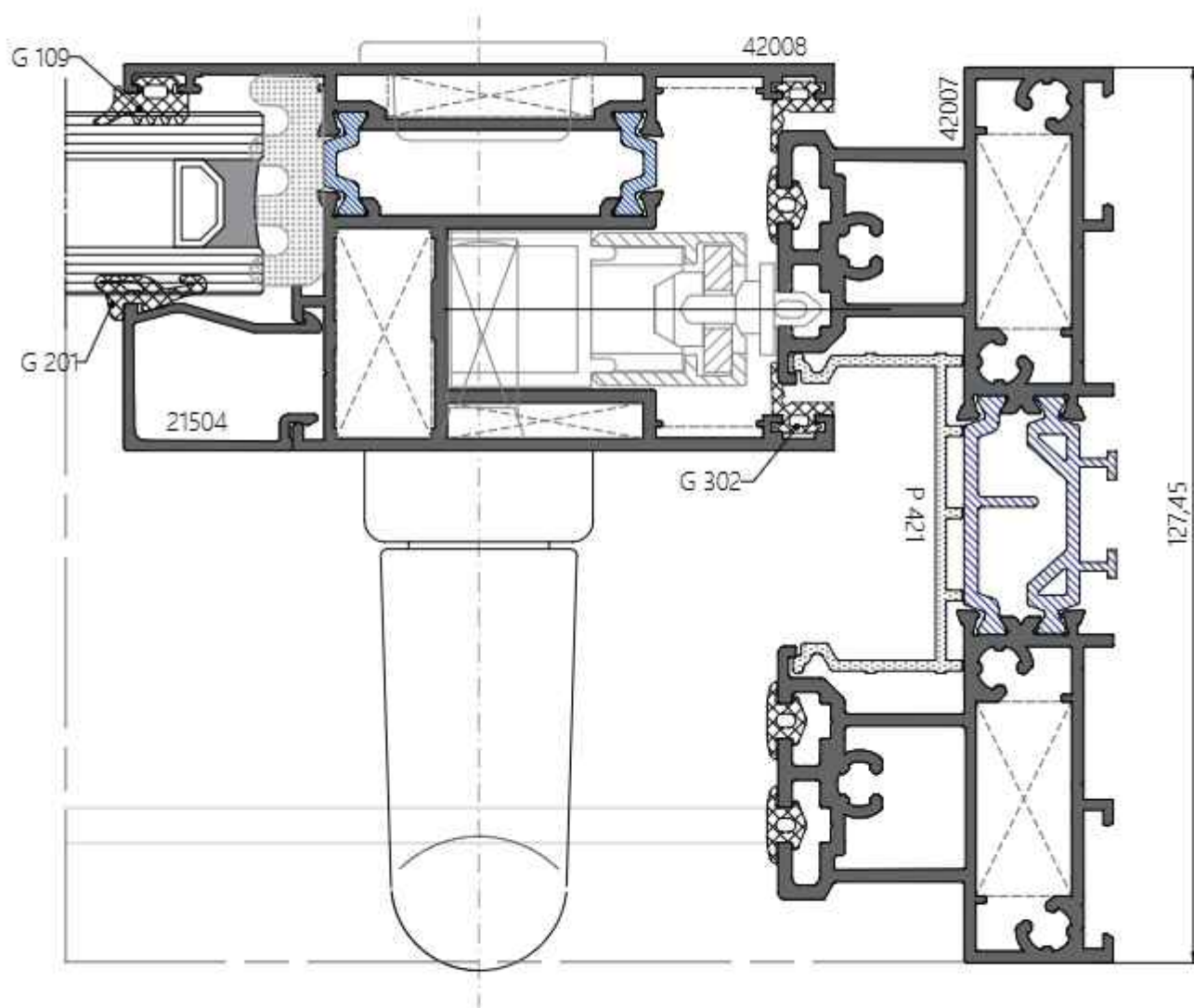
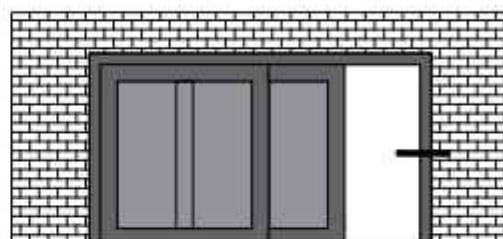
ZERO THRESHOLD DETAILS



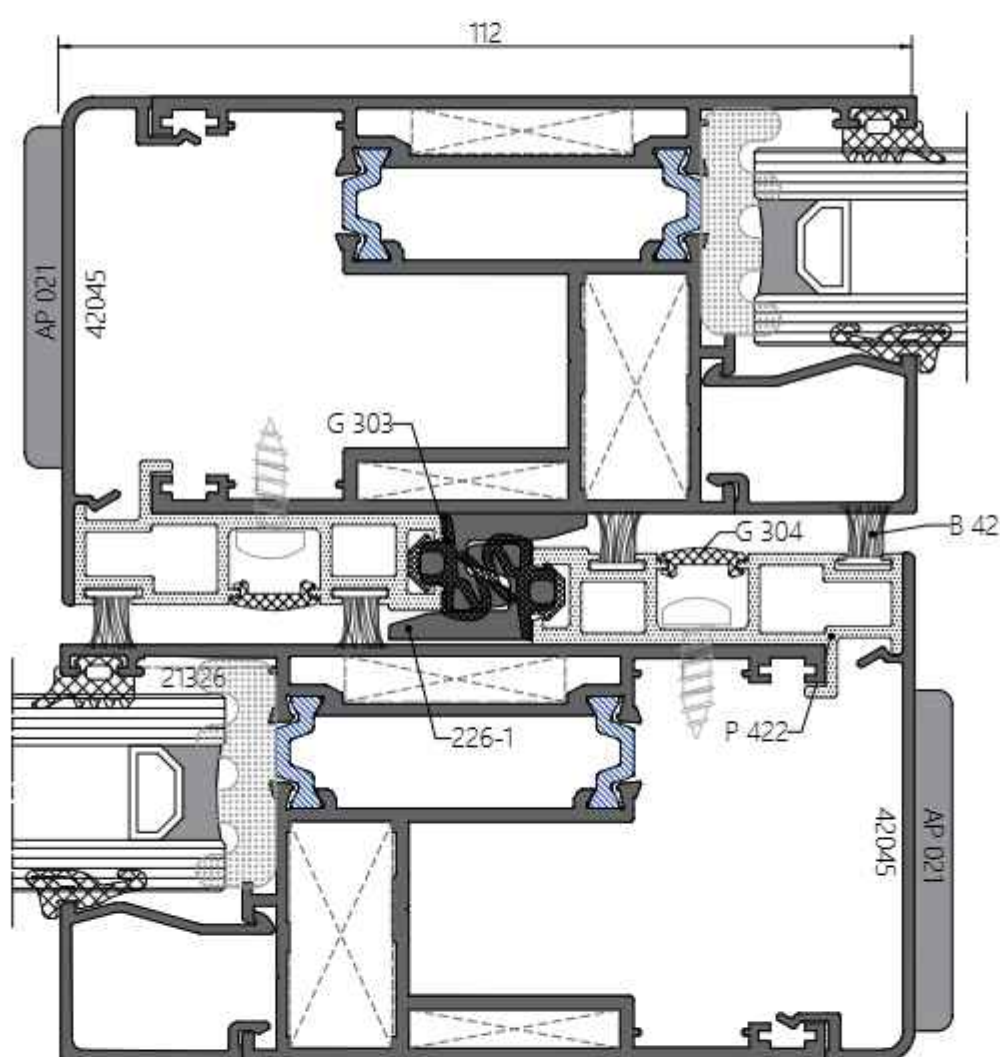
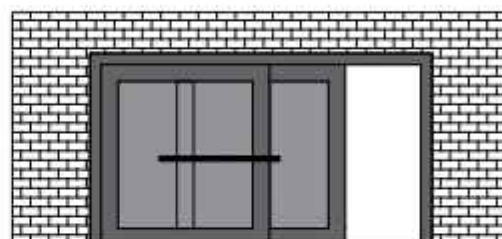
ZERO THRESHOLD DETAILS



ZERO THRESHOLD DETAILS

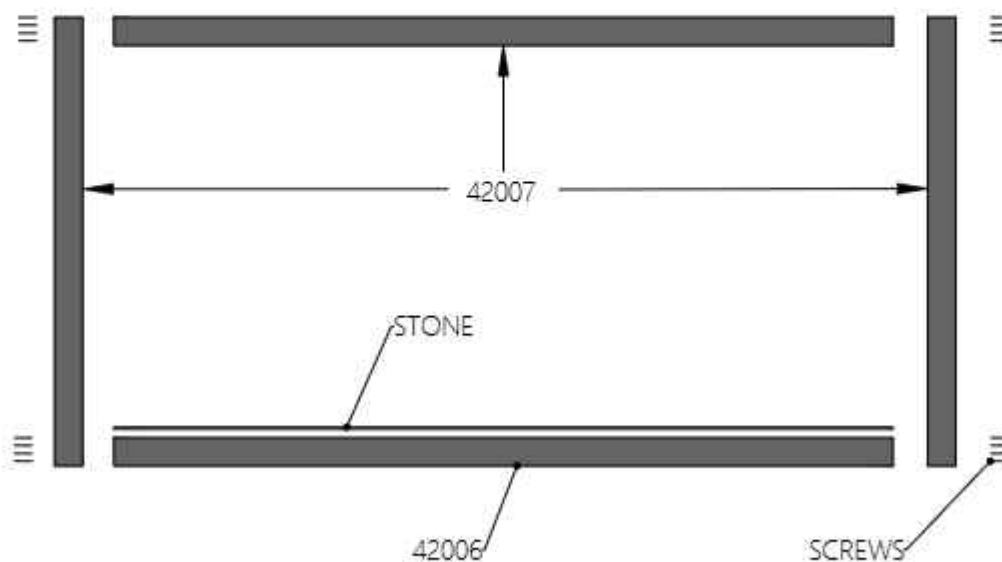


ZERO THRESHOLD DETAILS

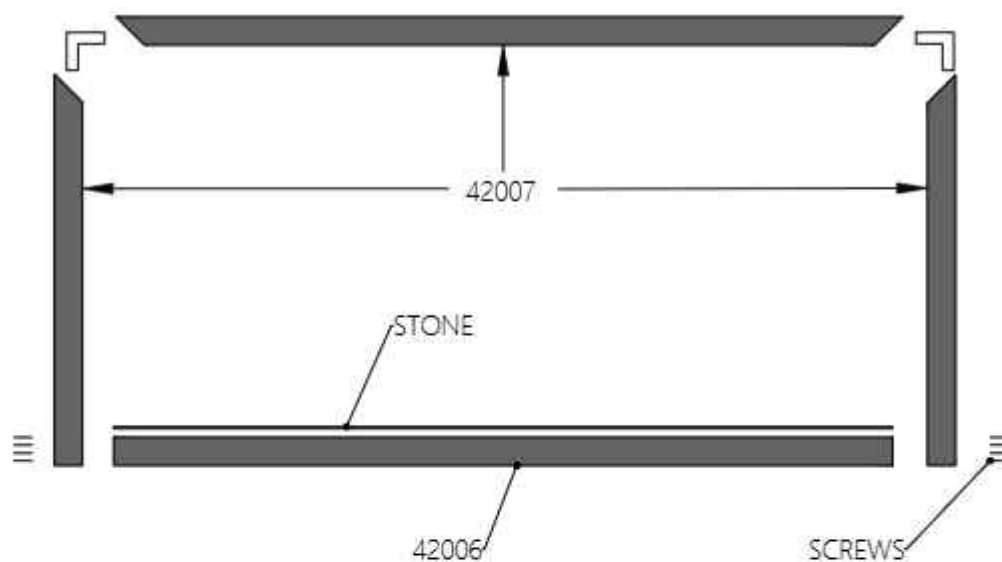


FRAME LST 135 ZERO THRESHOLD ASSEMBLING HAS TWO WAYS:

Assembling With Screws:



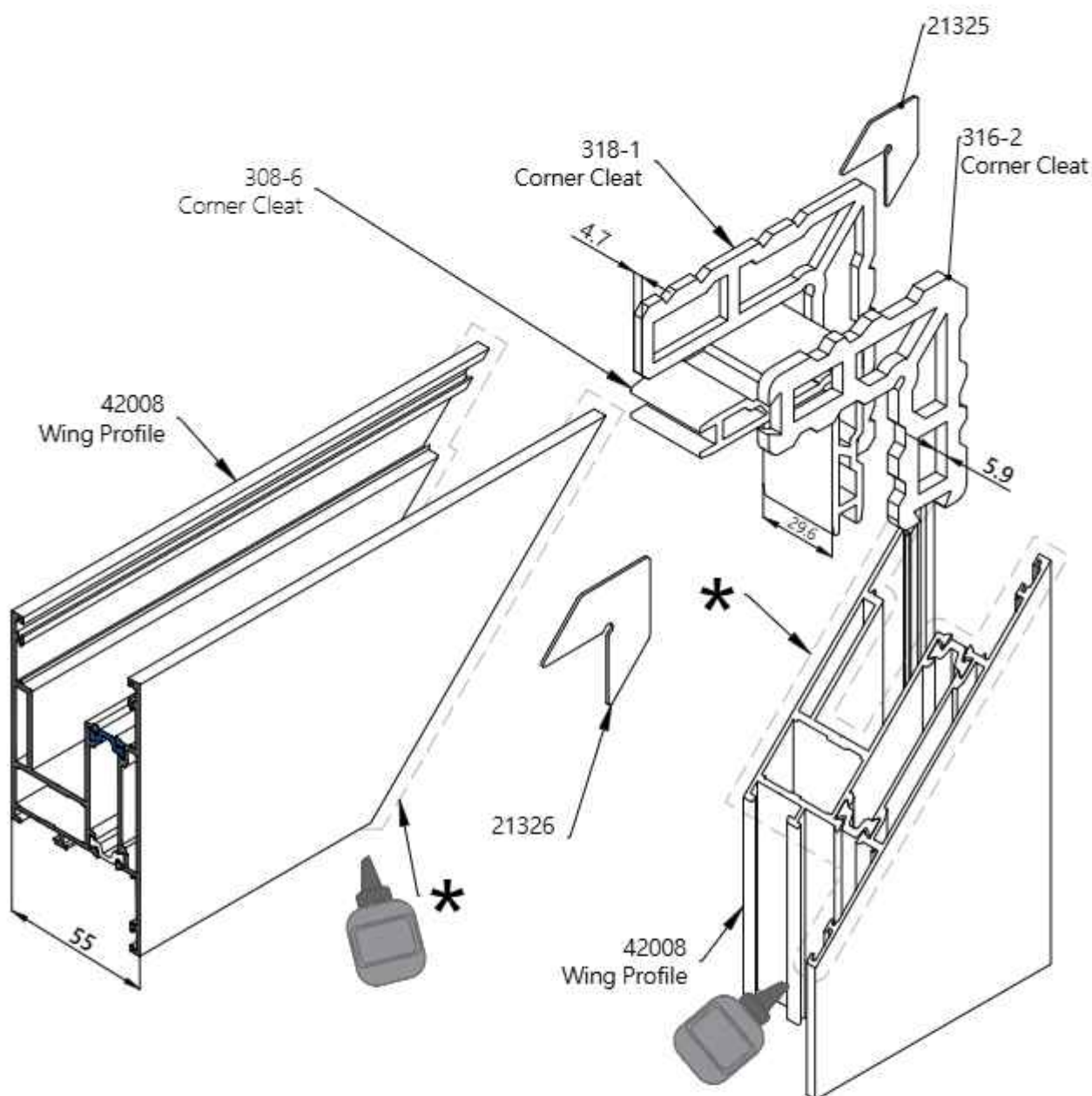
Assembling With Corner Cleats:



In The Construction Of Lift & Slide Doors And Windows, The Type Of Assembly Changes According To The Height.

At The Low Height Of The Door and Window, We Can Use The Corner Cleat Punch Option And Cut The Frame At 45 Degrees.

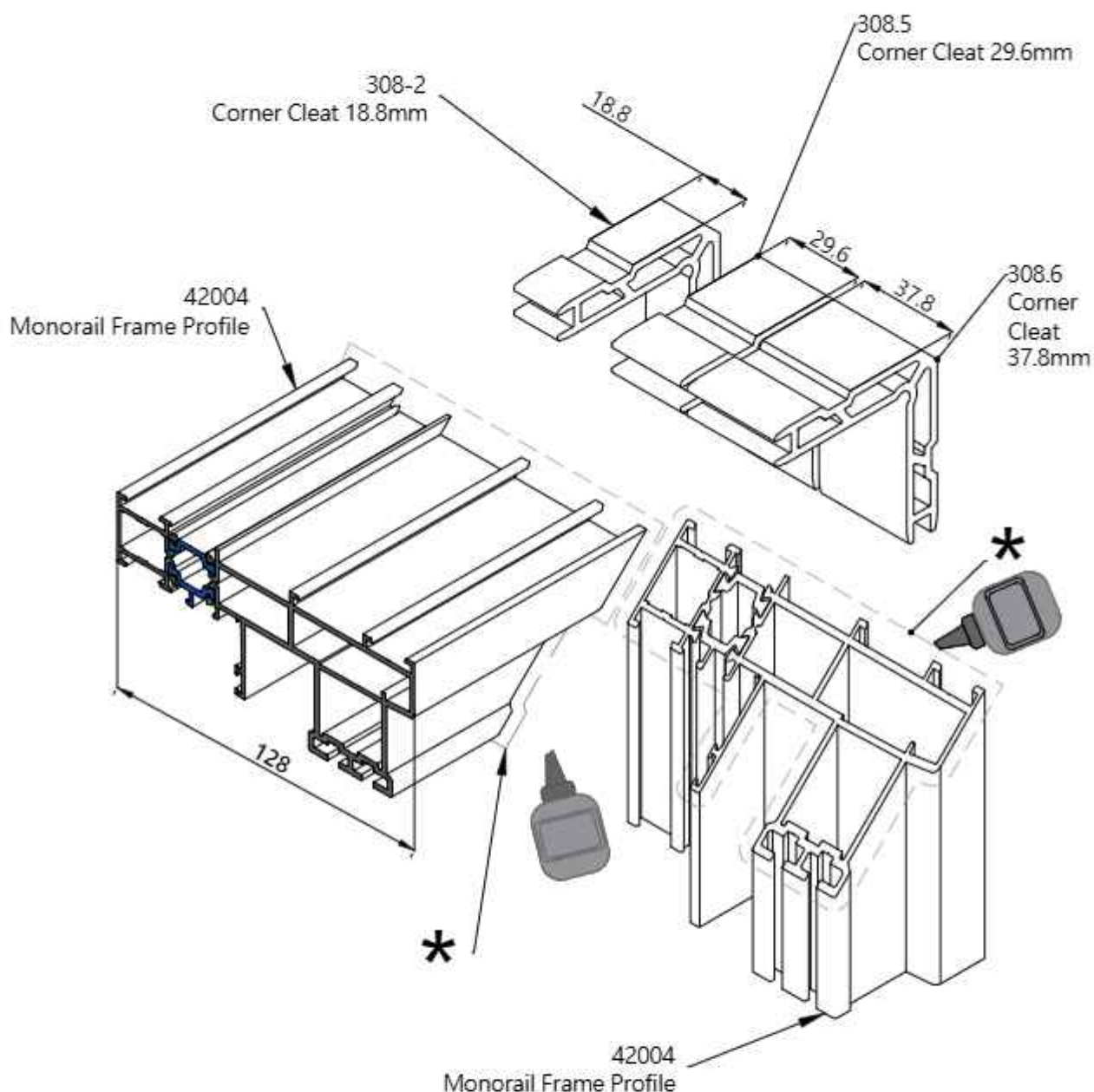
In The Heights, We Have To Use Screws And Cut The Frame Zero Degree.



* After the corner is collected, the corner is cleaned with the appropriate cleaner.

CORNER WEDGE APPLICATION

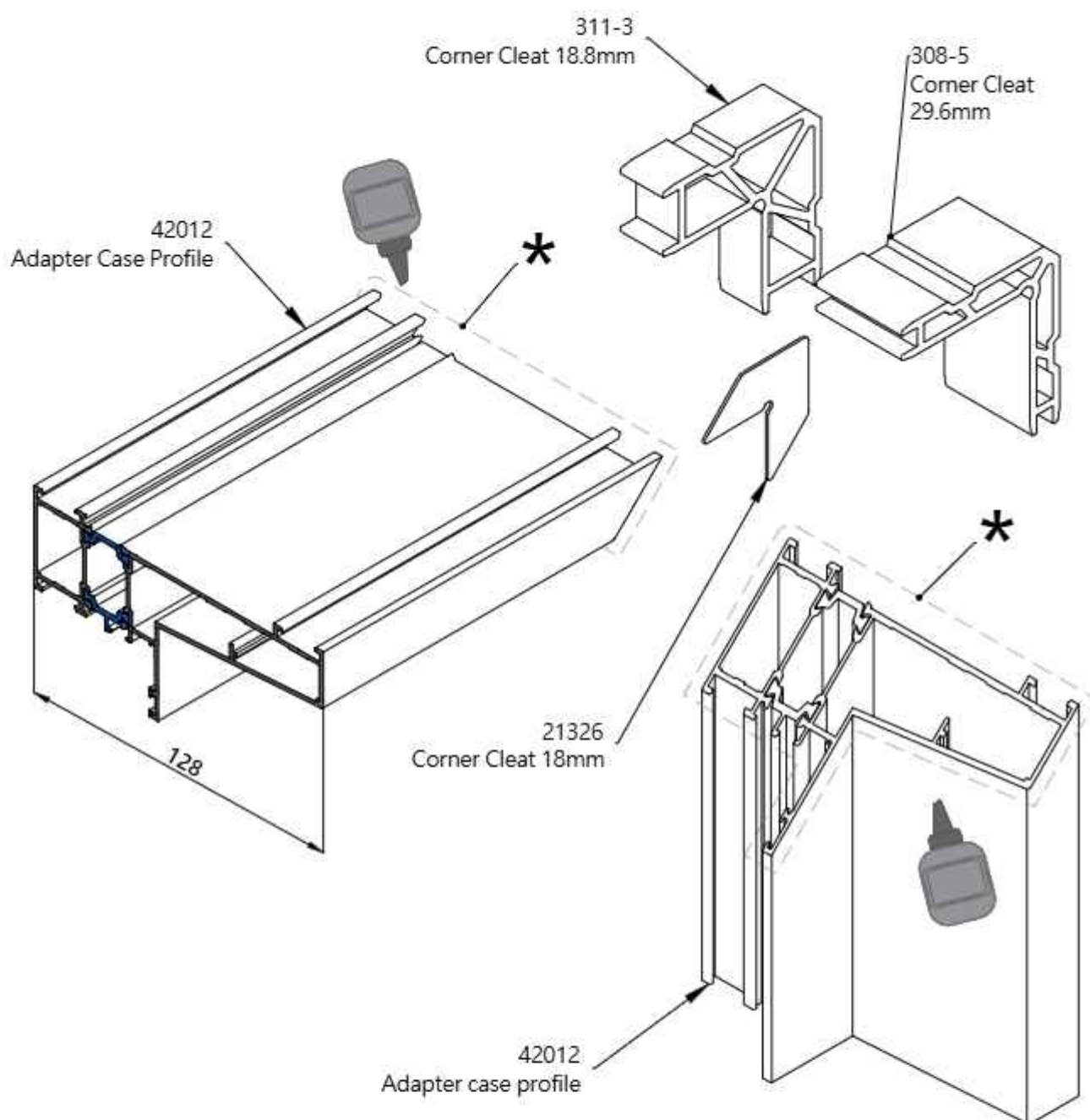
- 1.The cutting surface is cleaned with the appropriate cleaner.
- 2.Both cutting surface with glue or paste.
- 3.It is injected into the front and back chambers.



* After the corner is collected, the corner is cleaned with the appropriate cleaner.

CORNER WEDGE APPLICATION

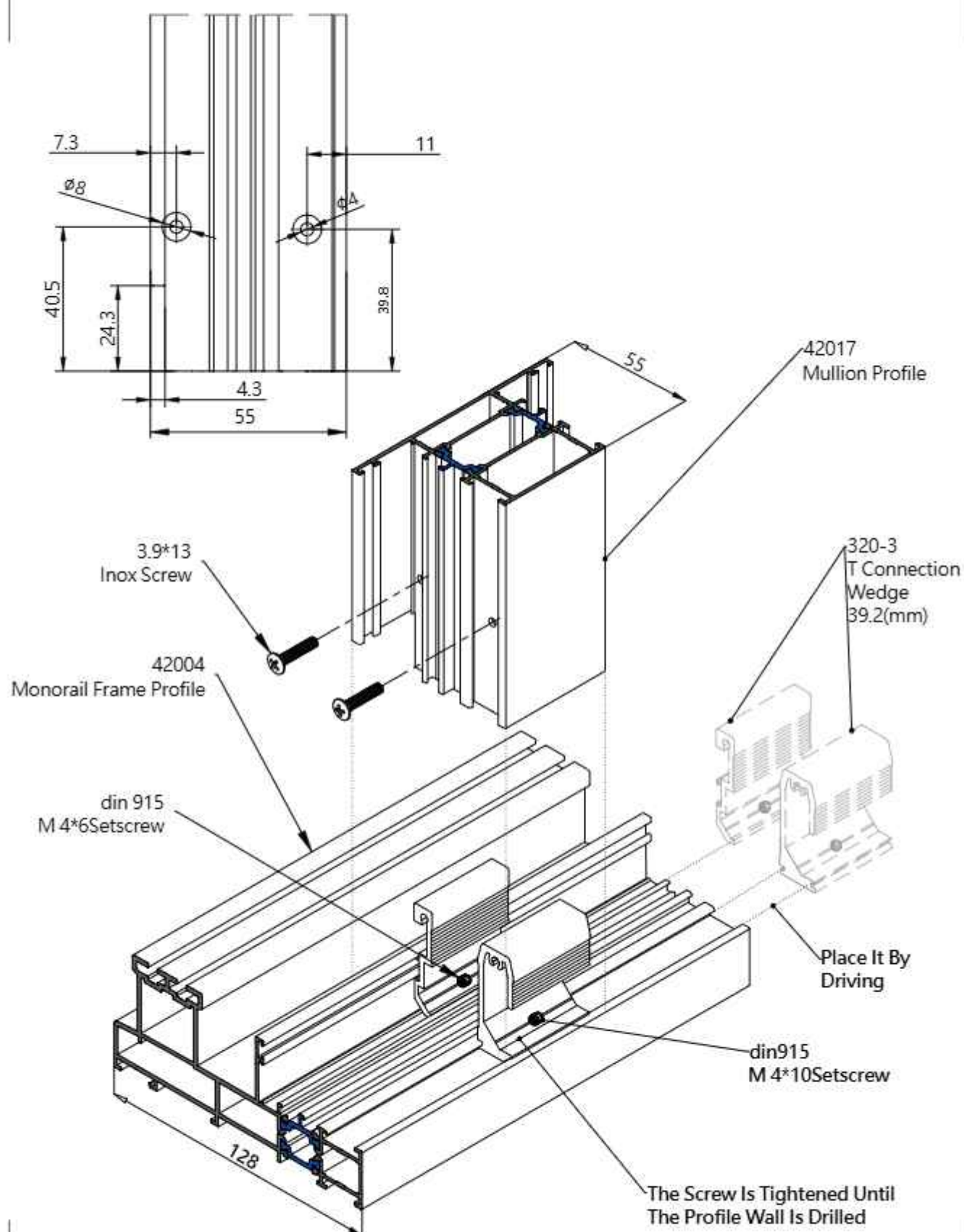
1. The cutting surface is cleaned with the appropriate cleaner.
2. Both cutting surface with glue or paste.
3. It is injected into the front and back chambers.

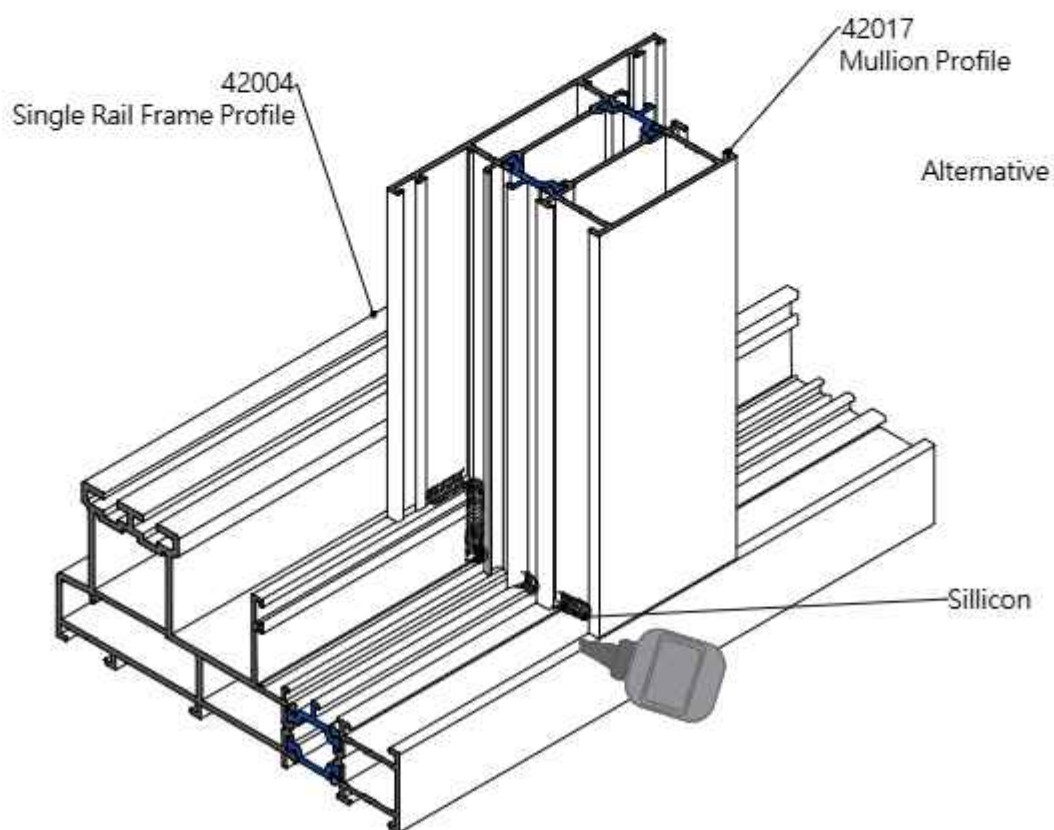


* After the corner is collected, the corner is cleaned with the appropriate cleaner.

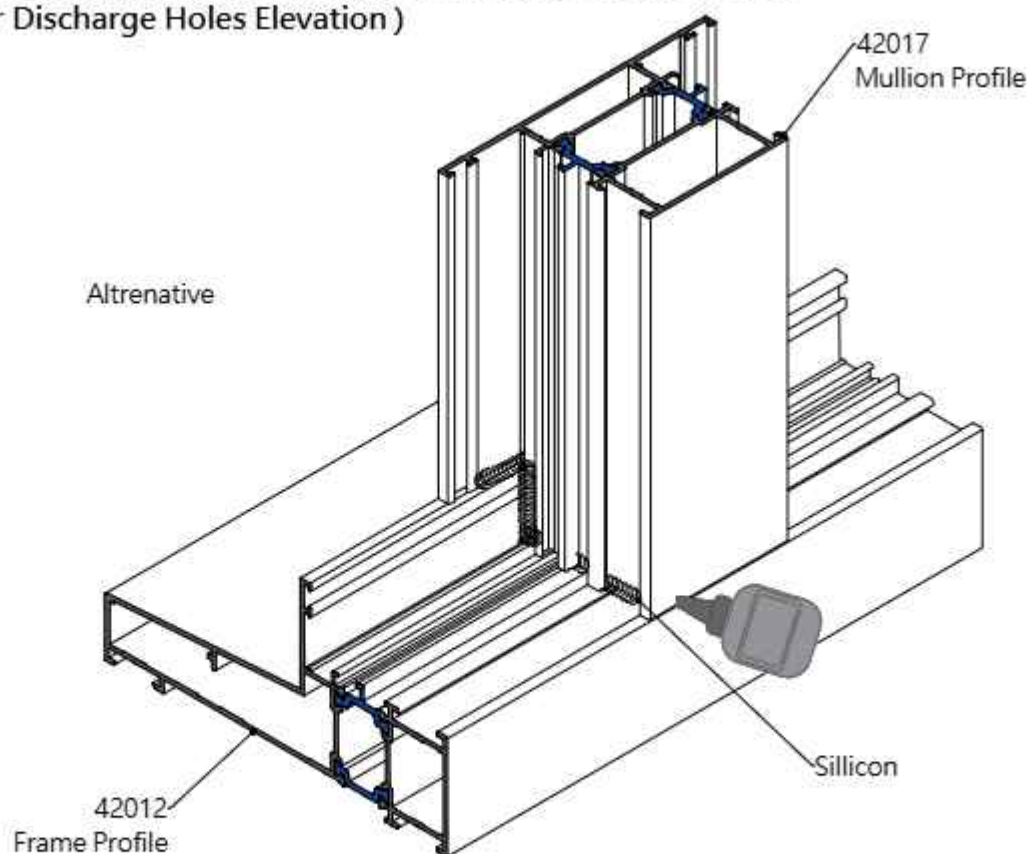
CORNER WEDGE APPLICATION

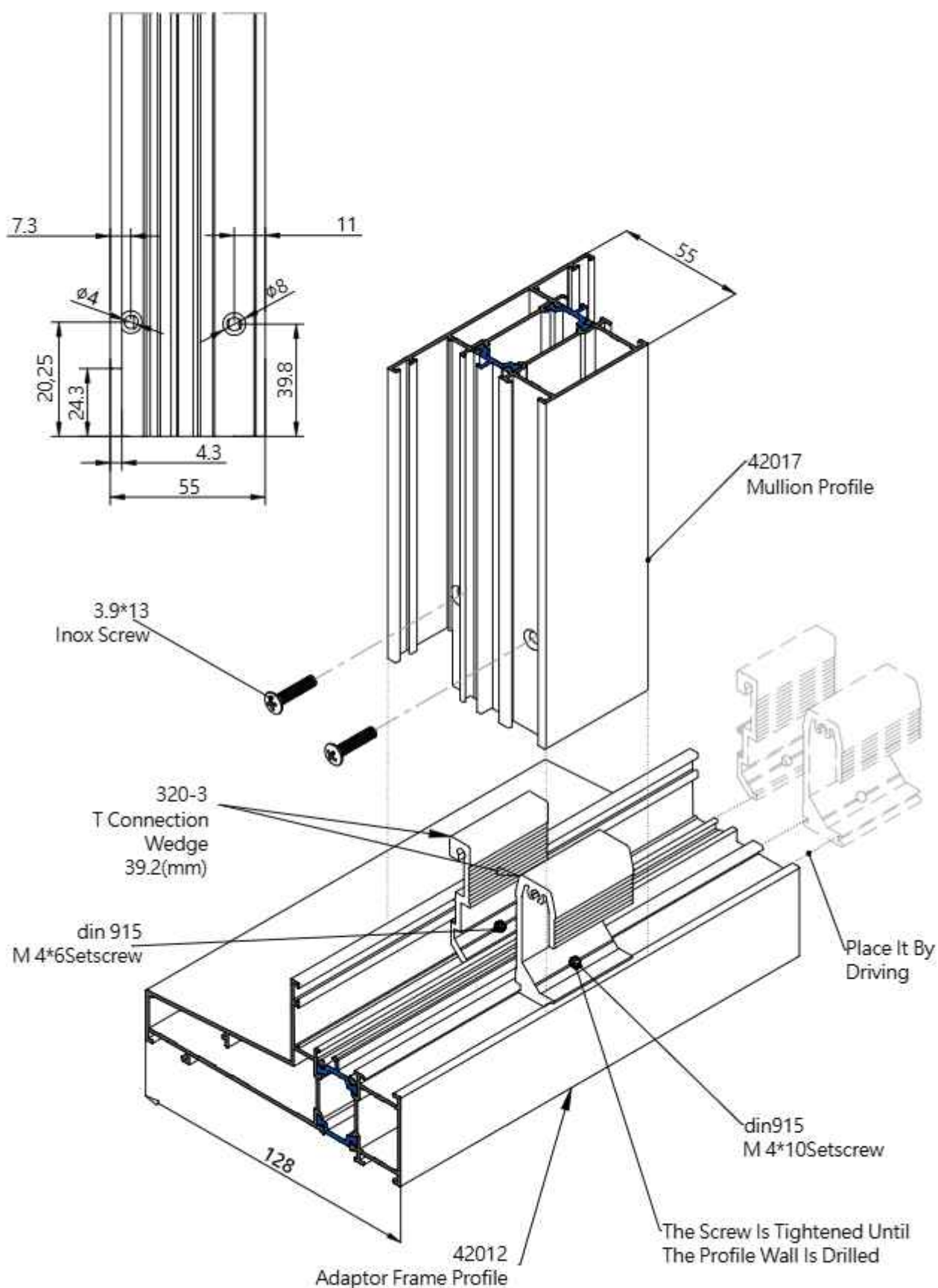
1. The cutting surface is cleaned with the appropriate cleaner.
2. Both cutting surface with glue or paste.
3. It is injected into the front and back chambers.

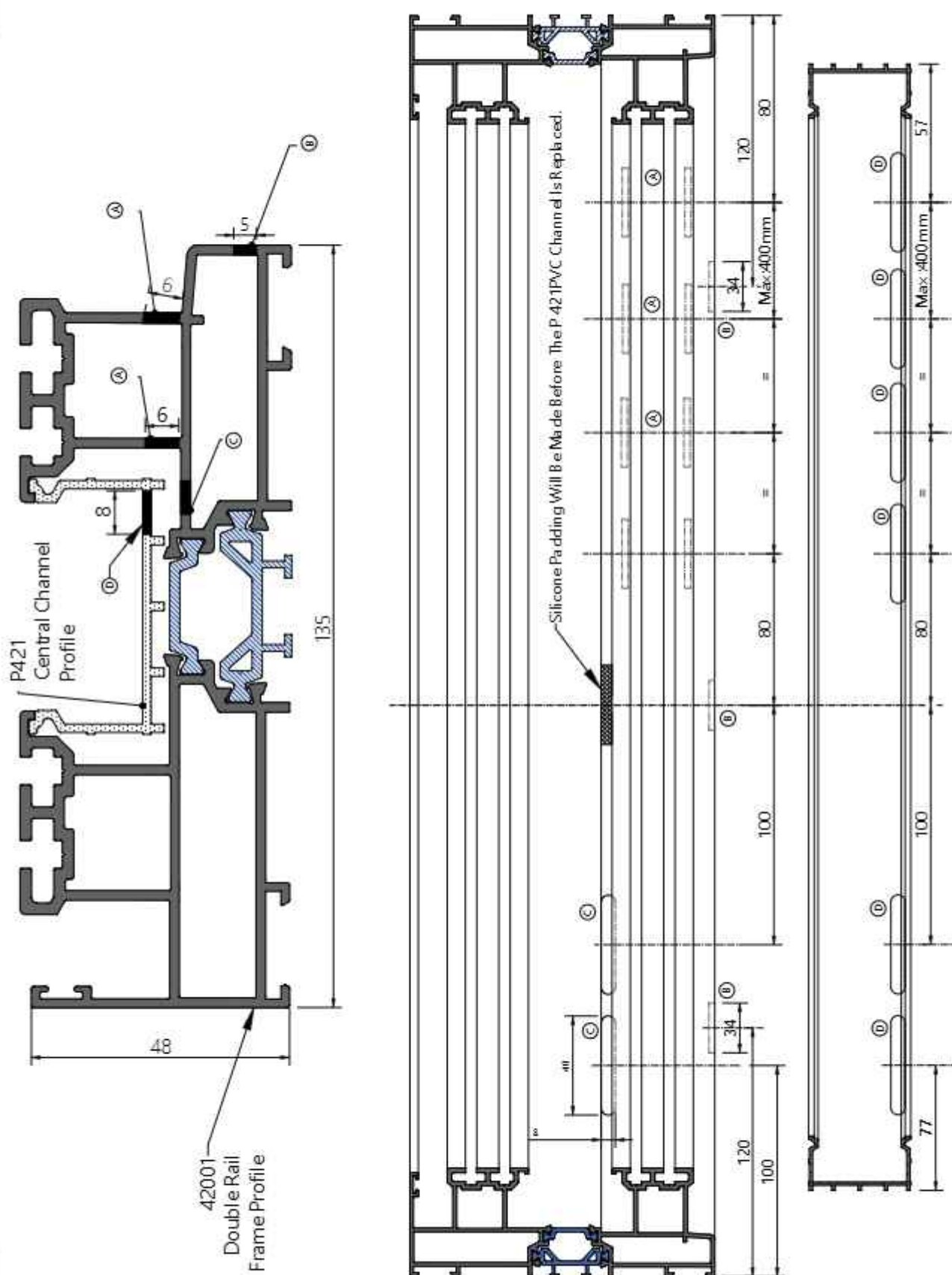


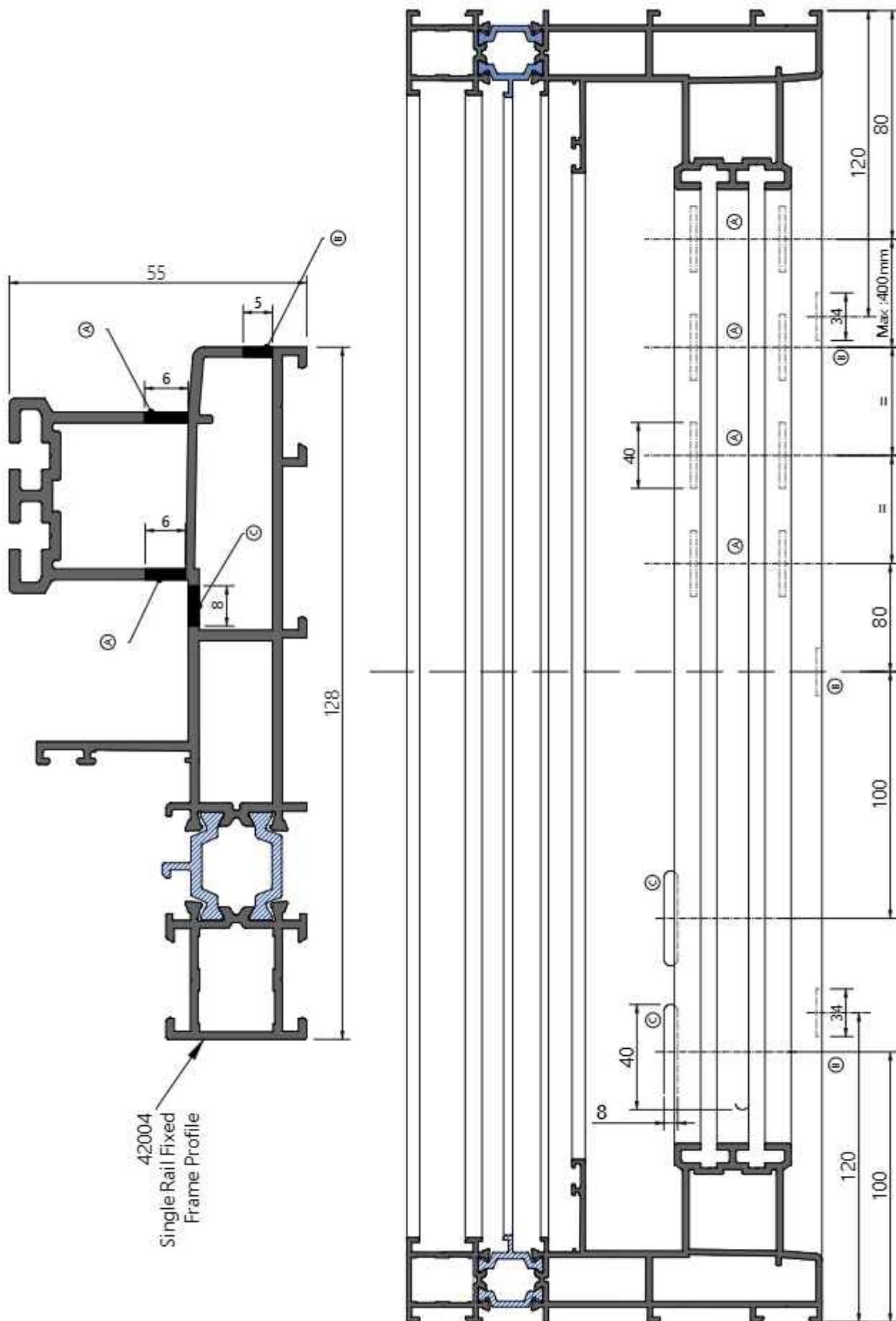


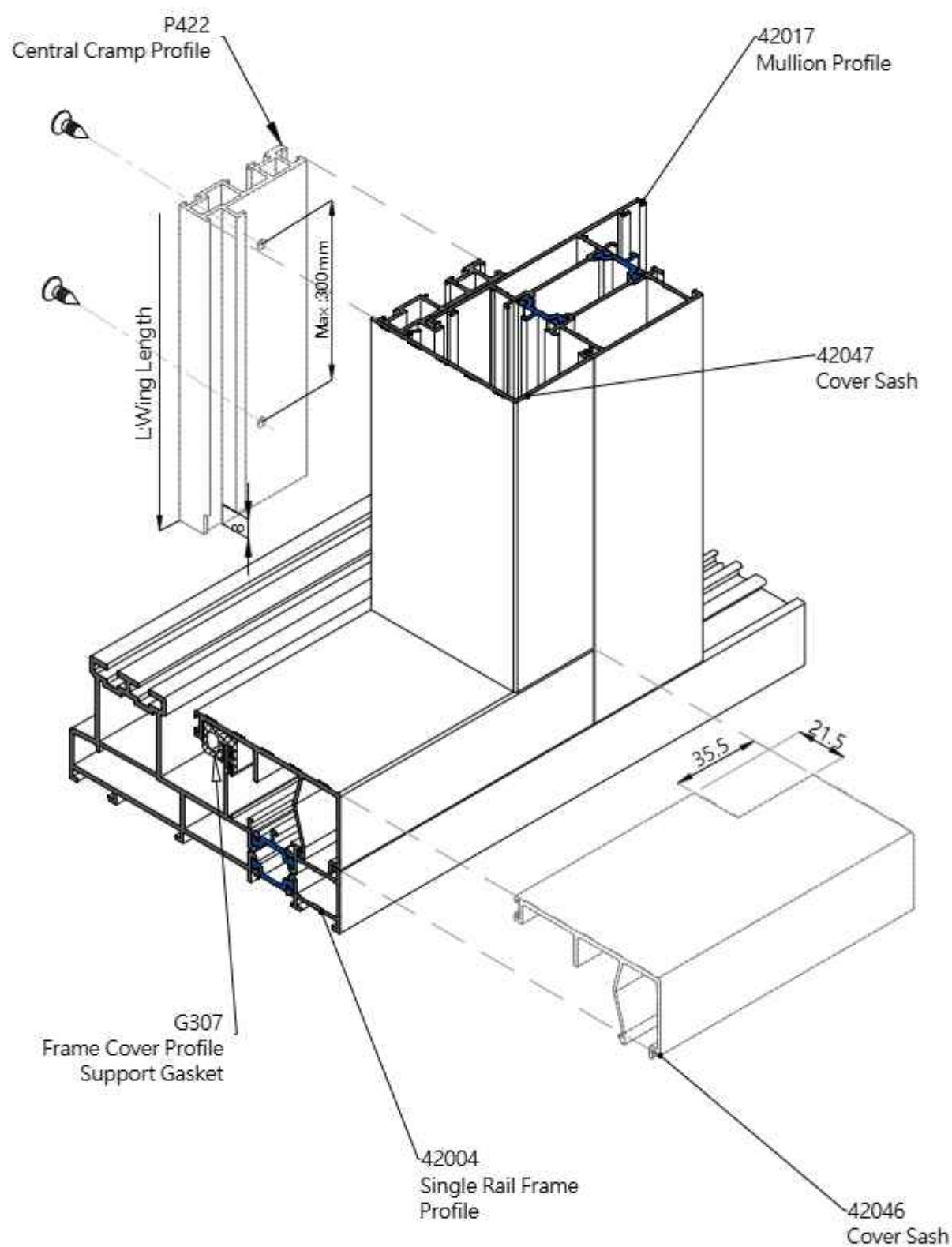
The Pvc Sealing Part Is used Only At The Water Transport Level
(Water Discharge Holes Elevation)

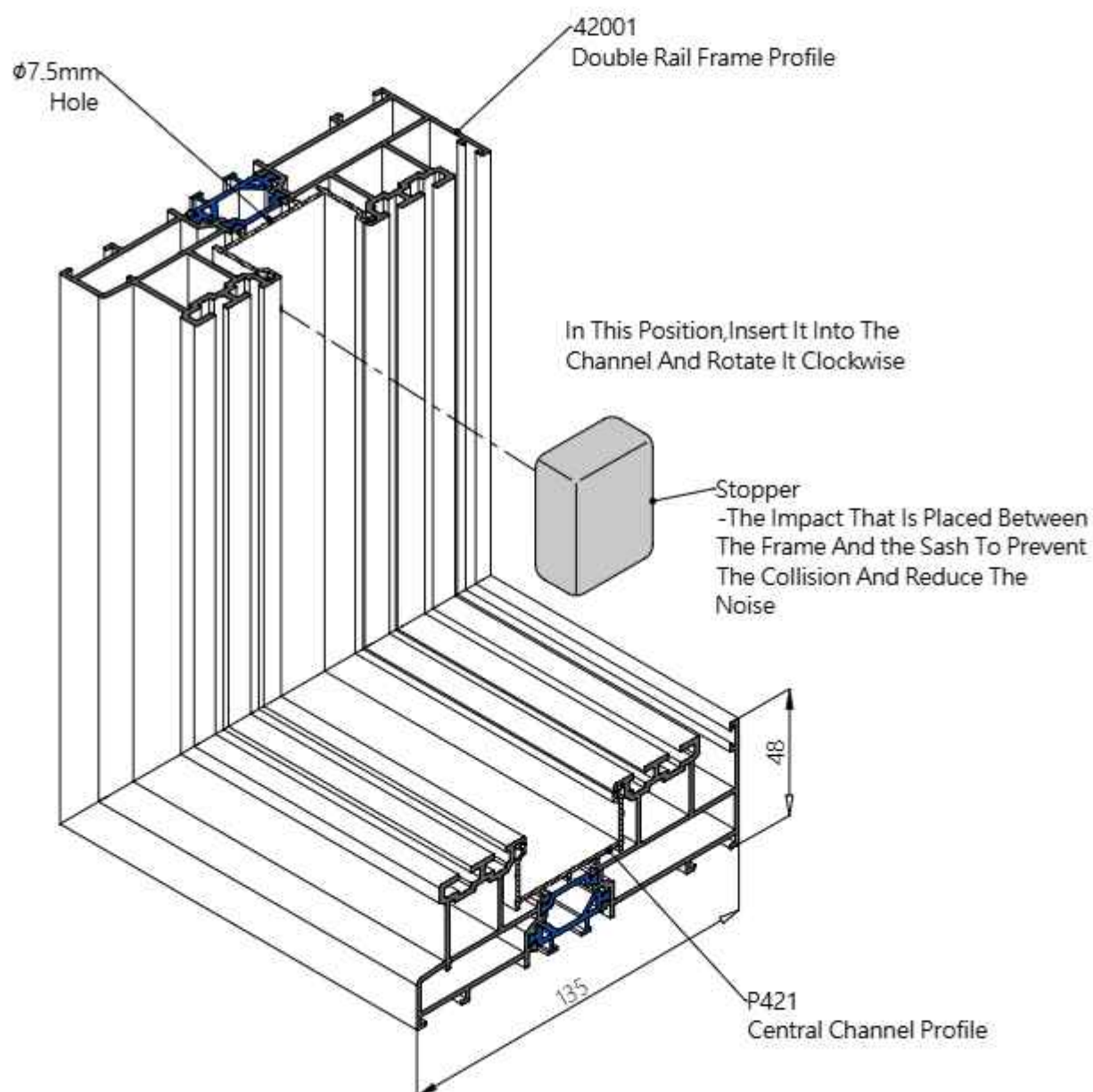
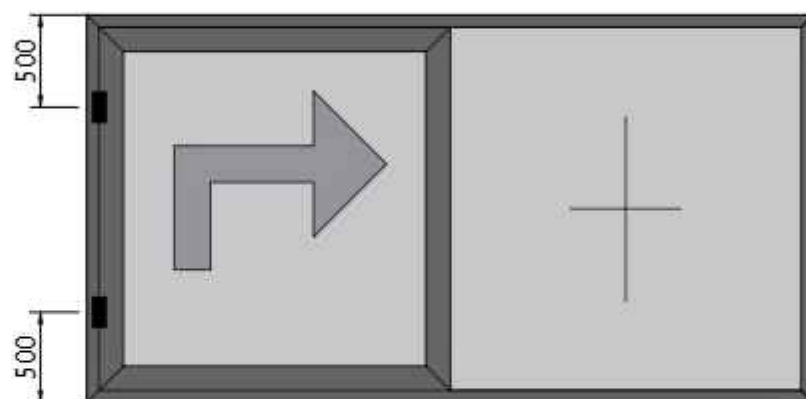


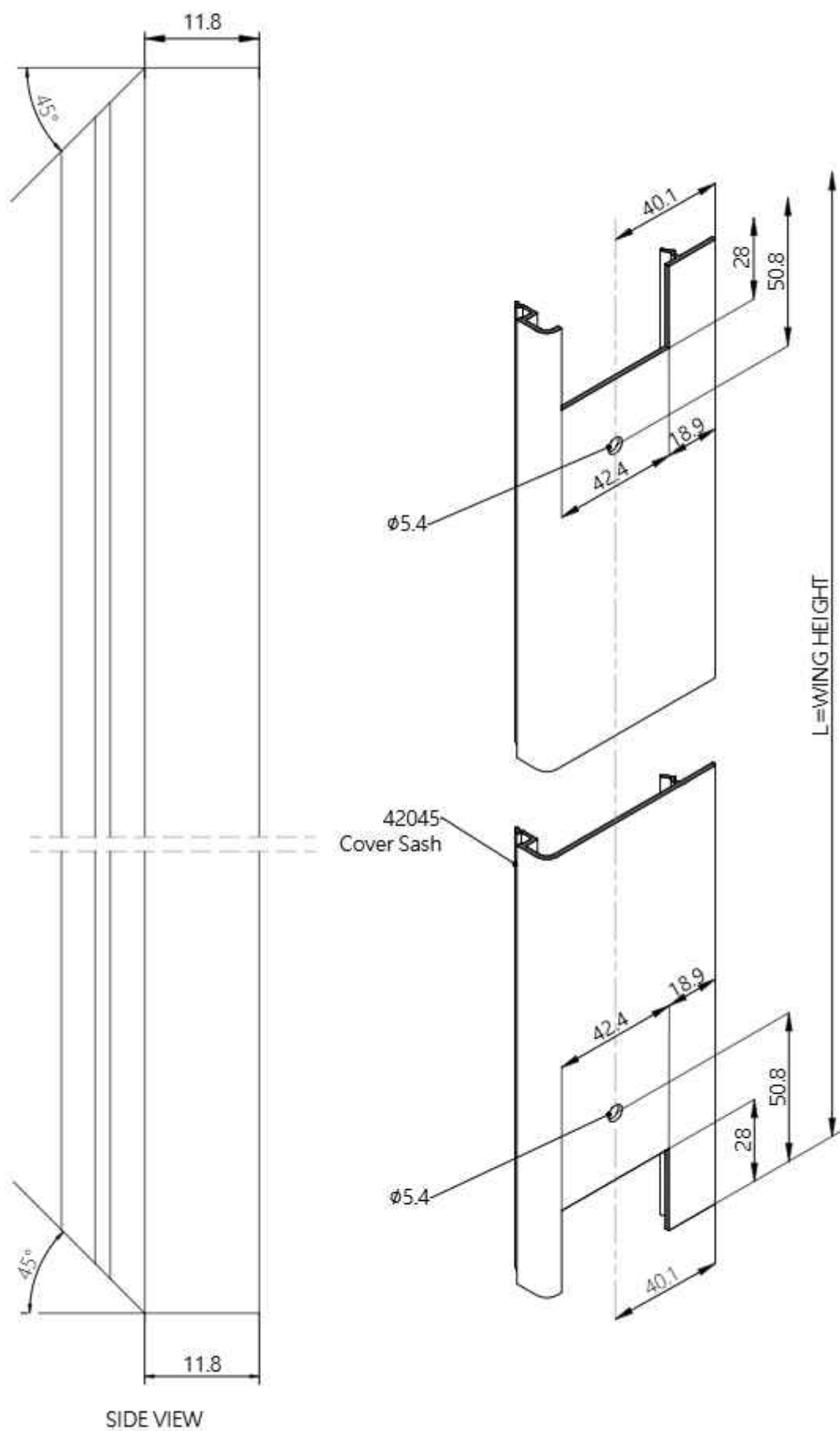


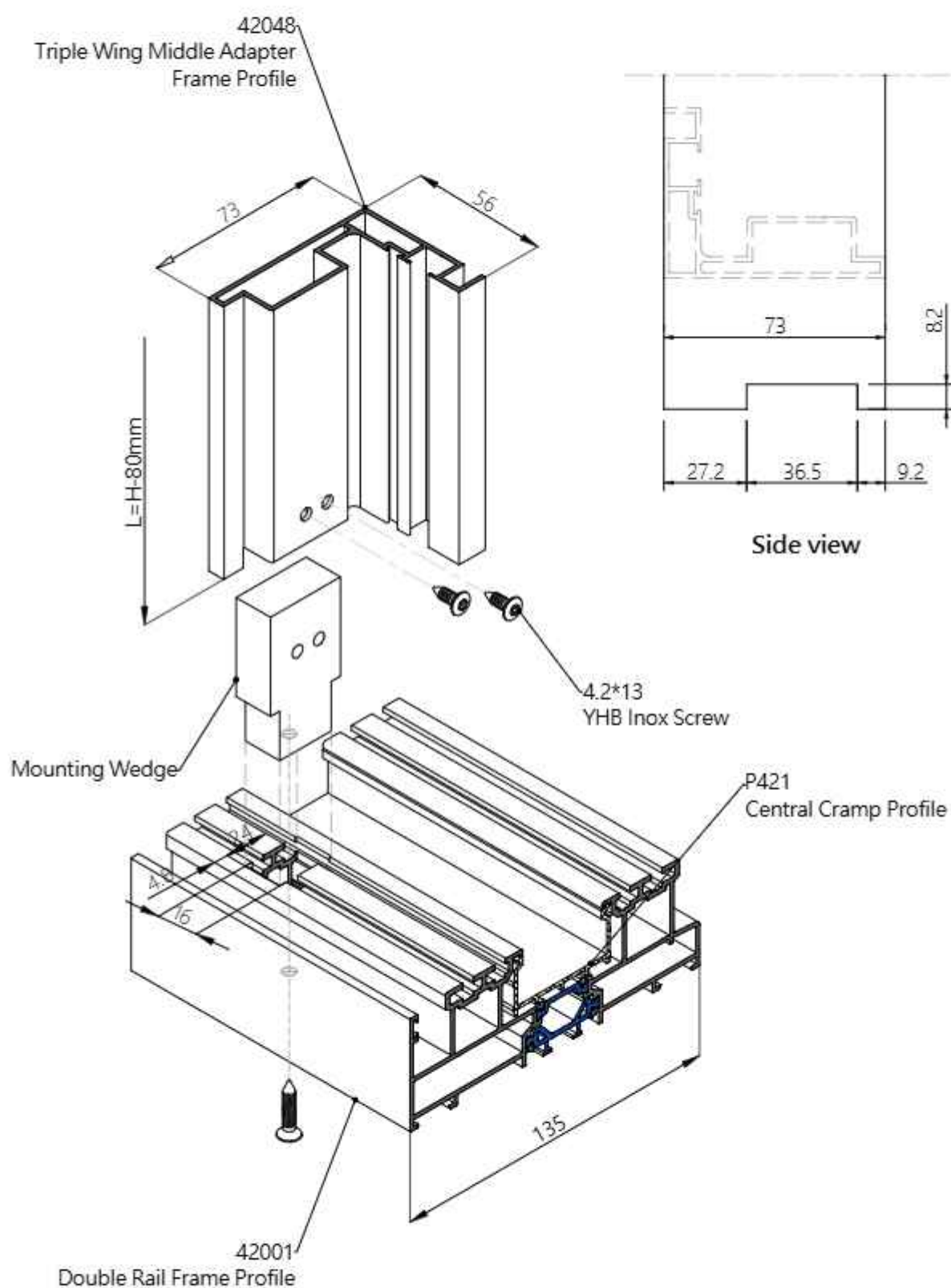


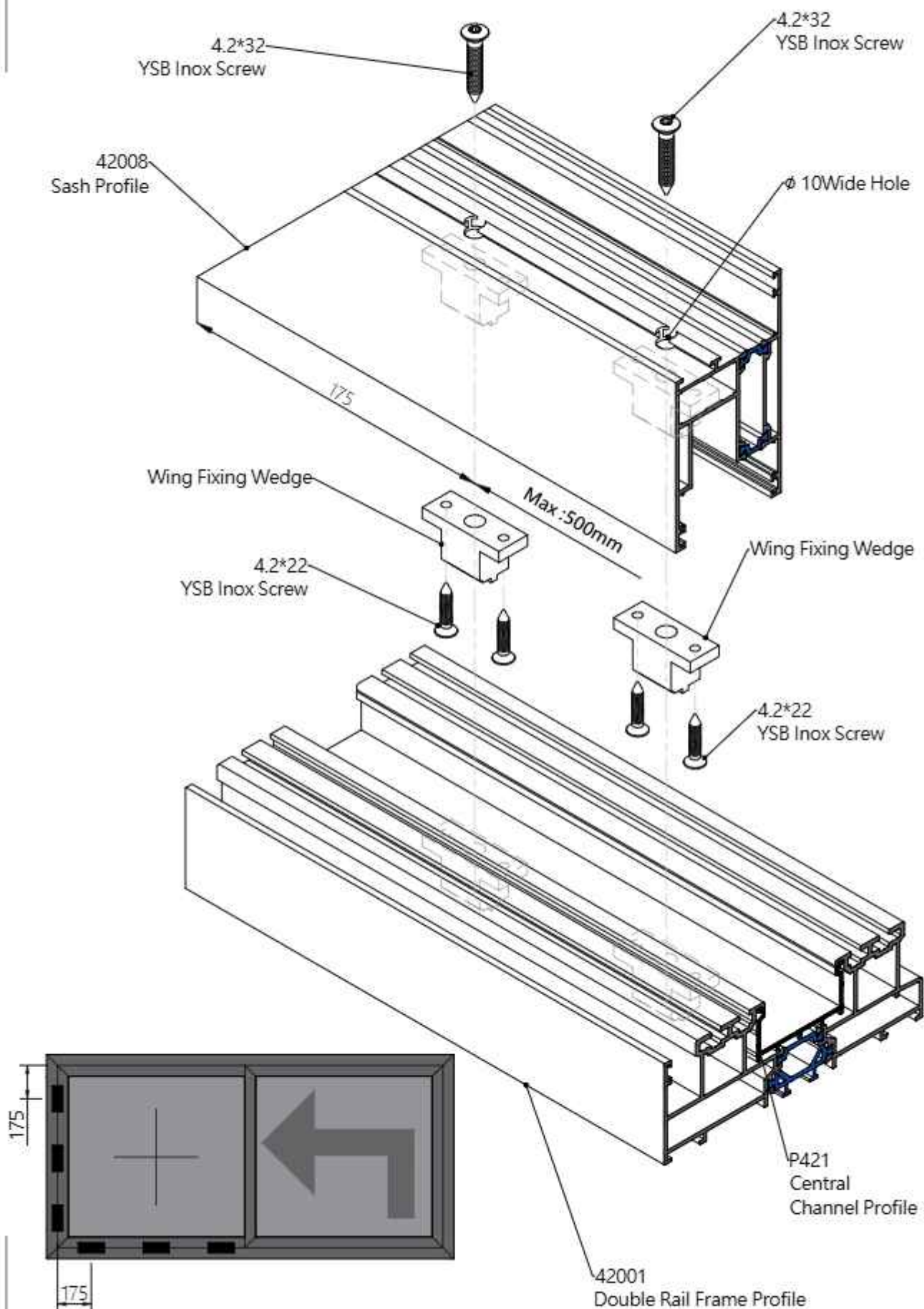


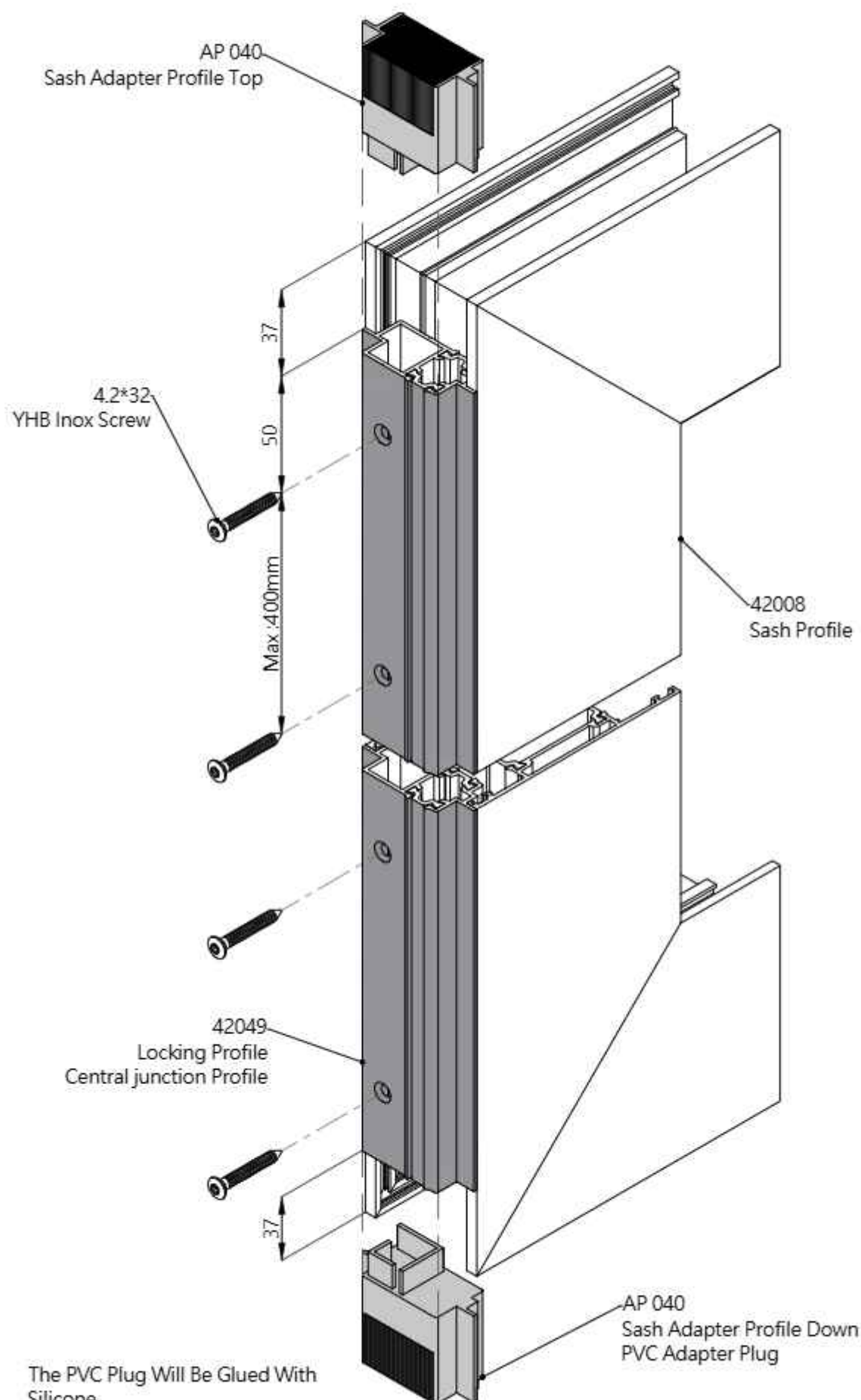


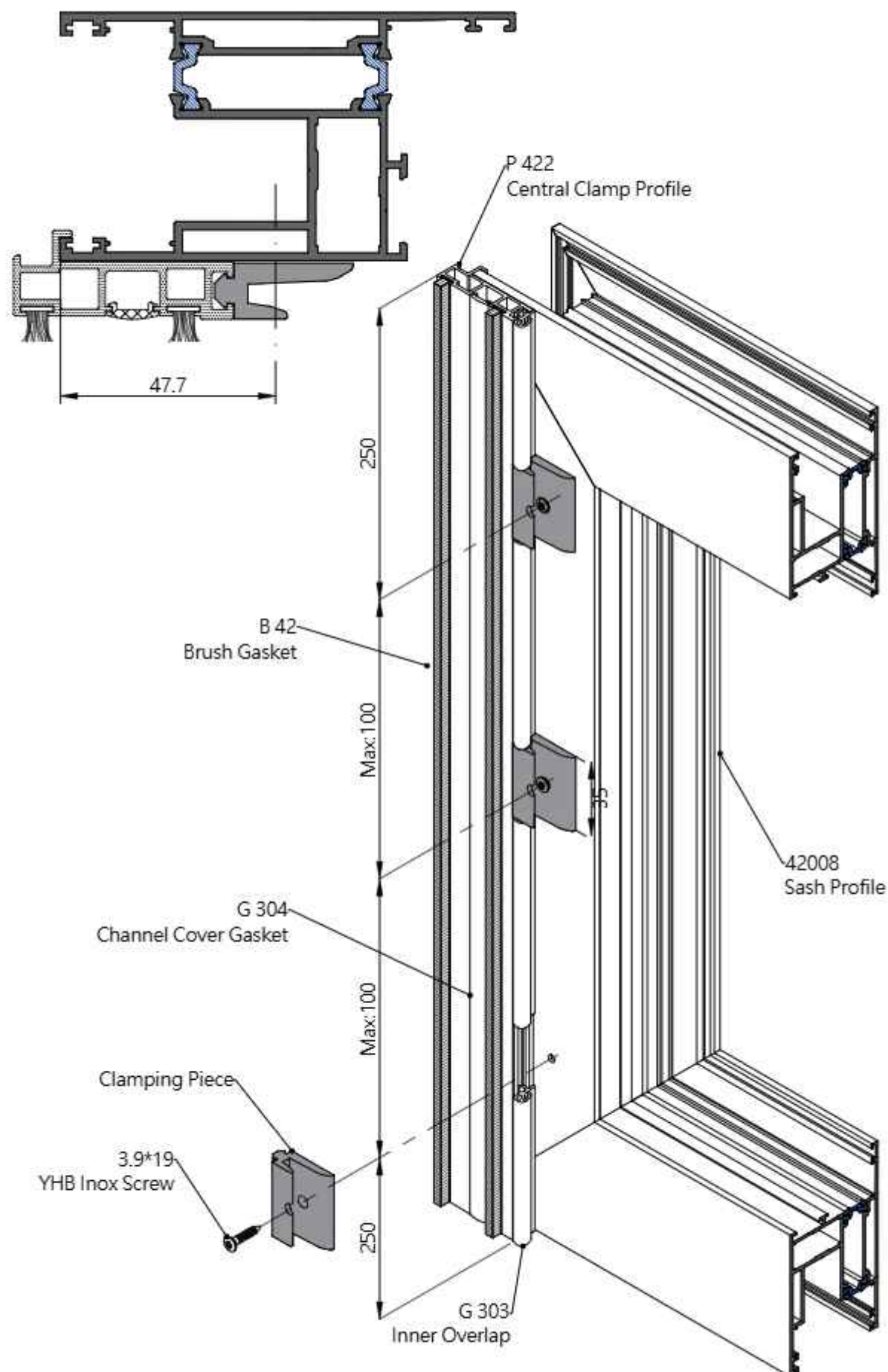


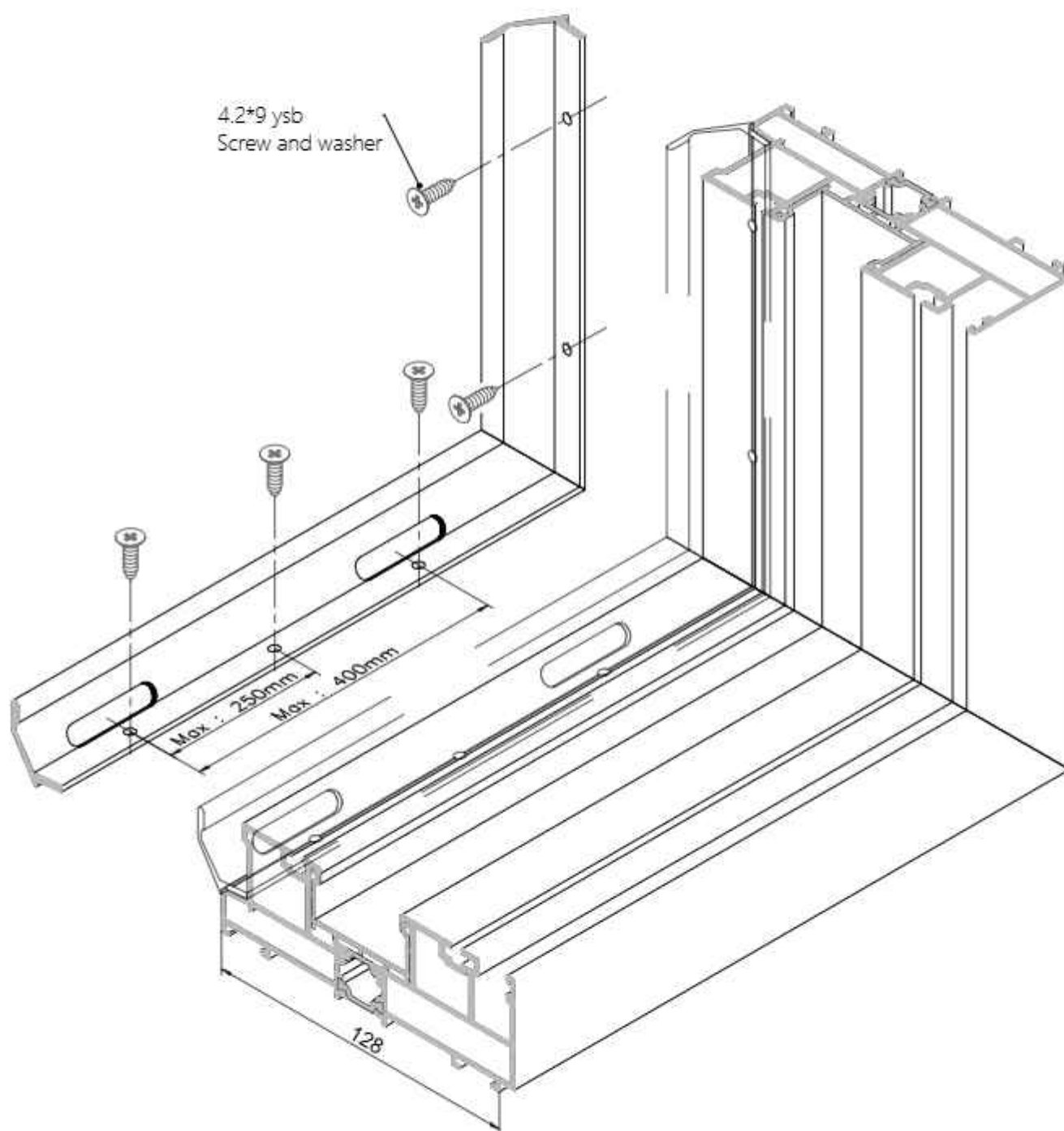




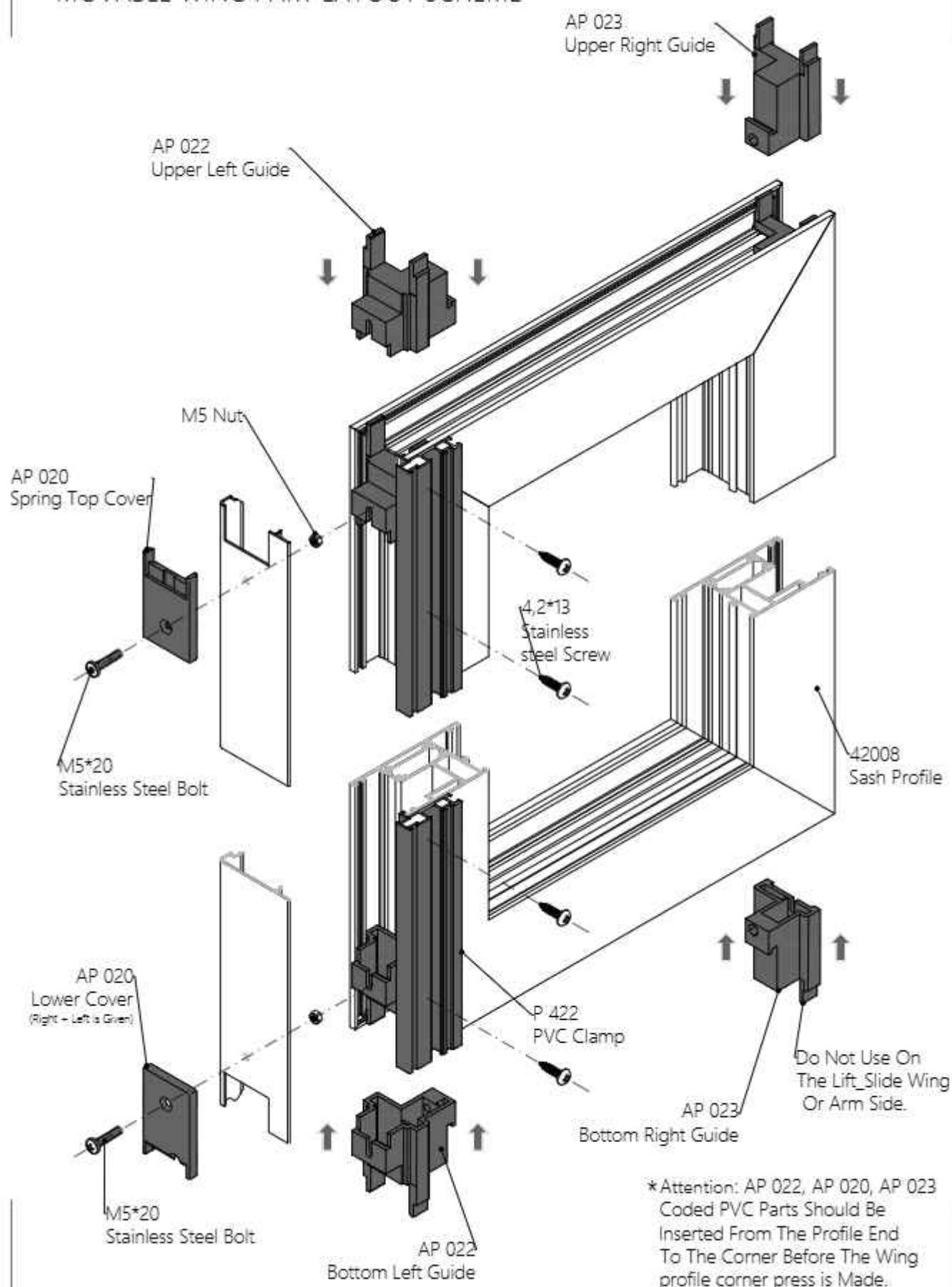


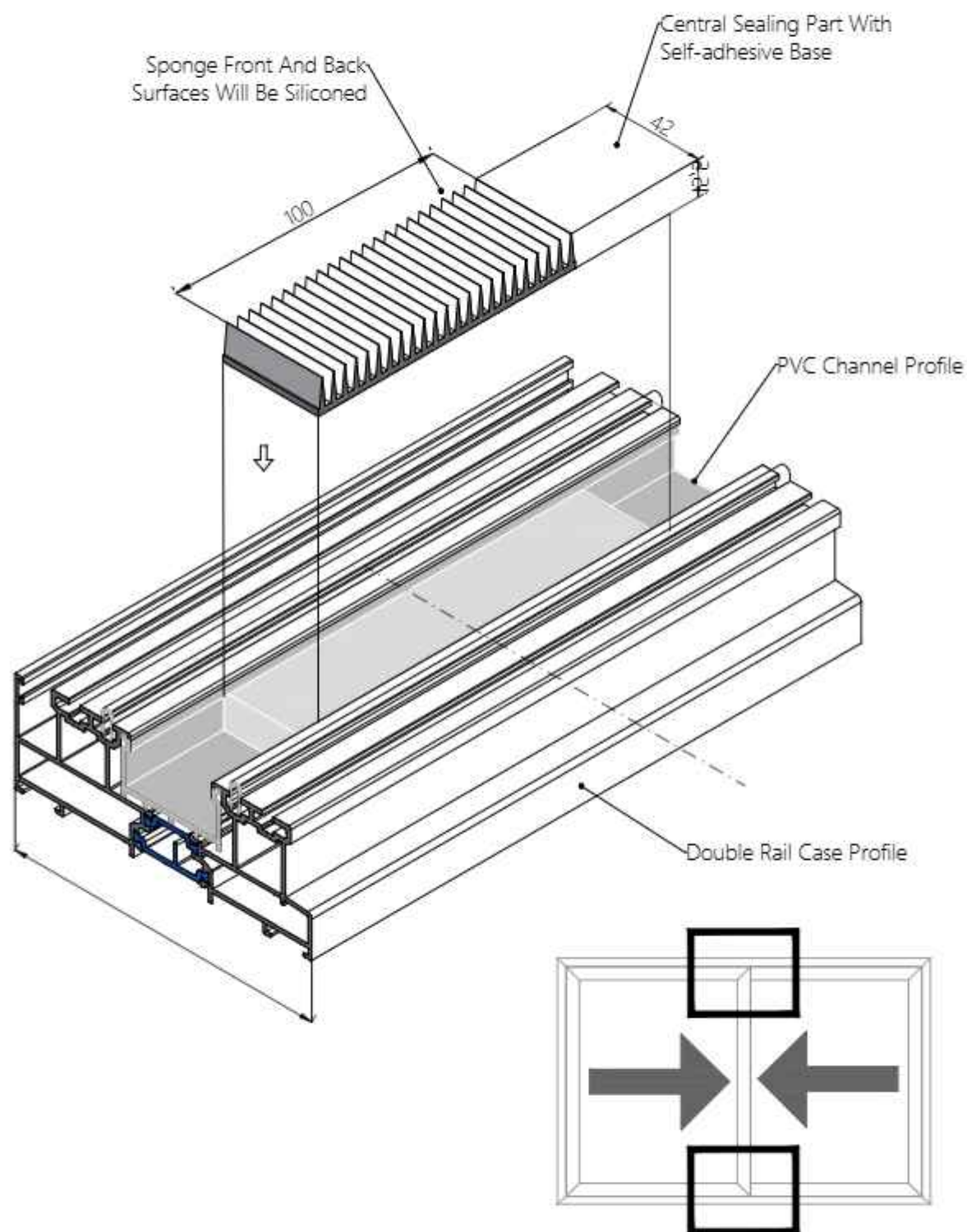


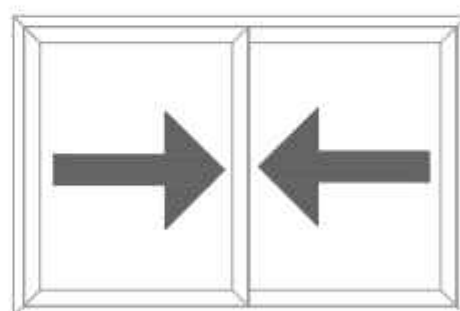
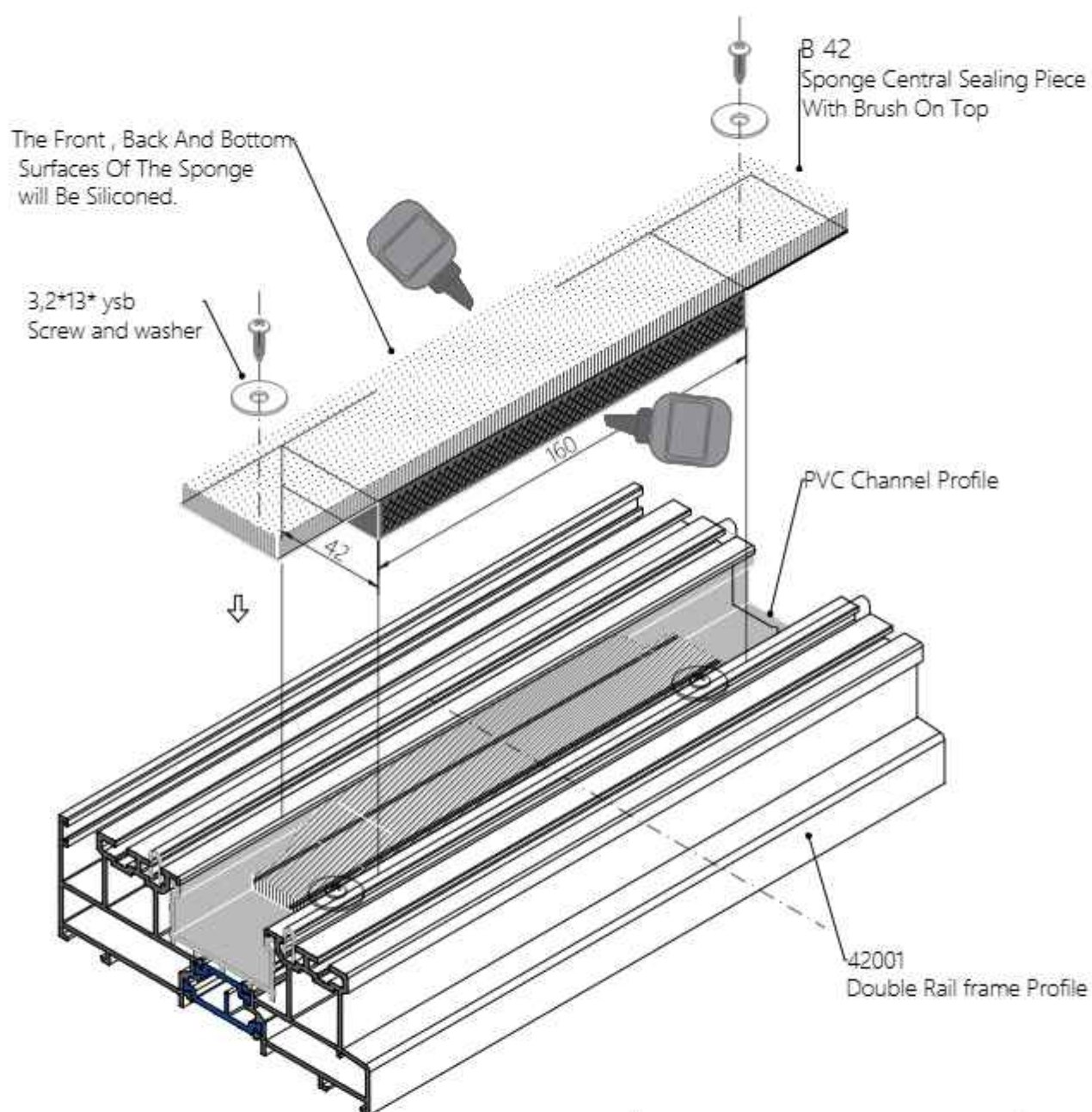


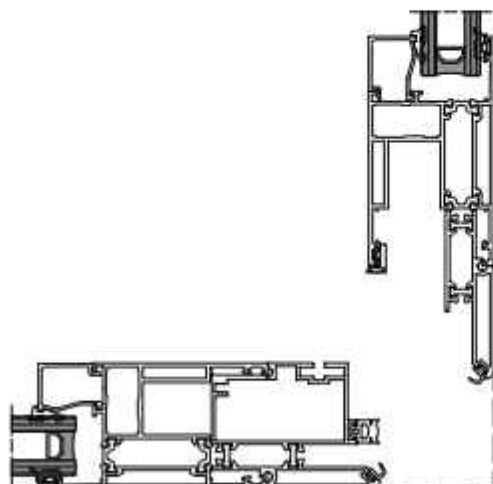
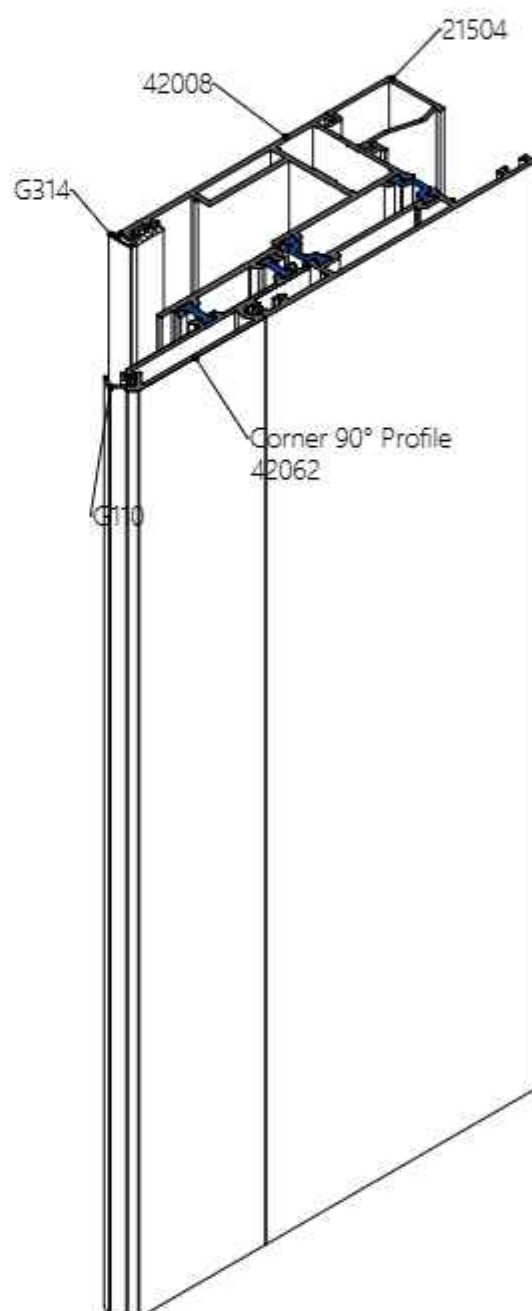
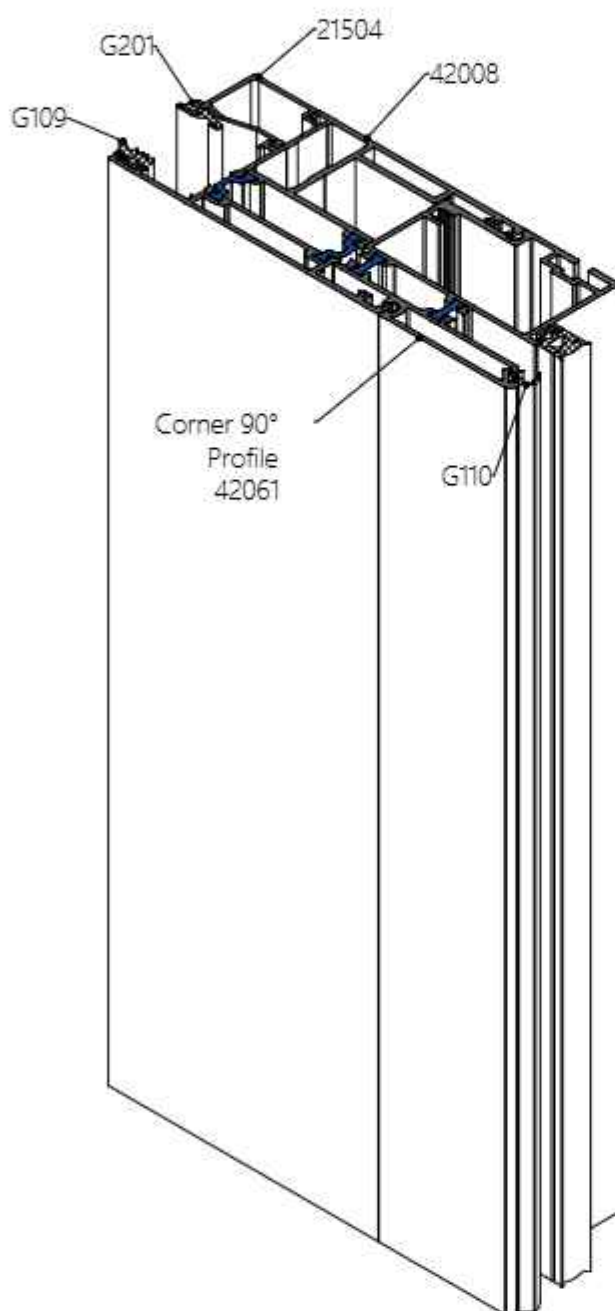


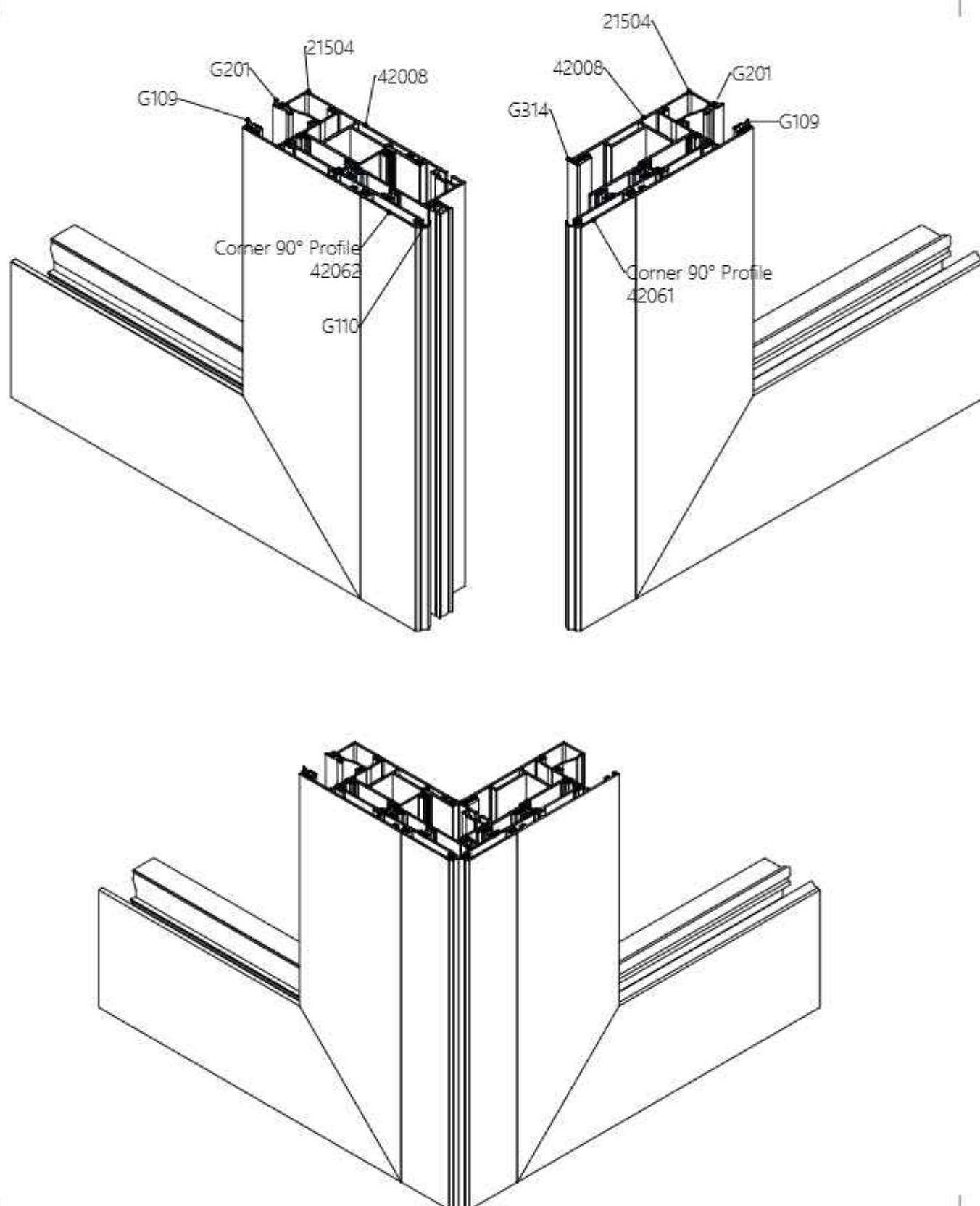
MOVABLE WING PART LAYOUT SCHEME

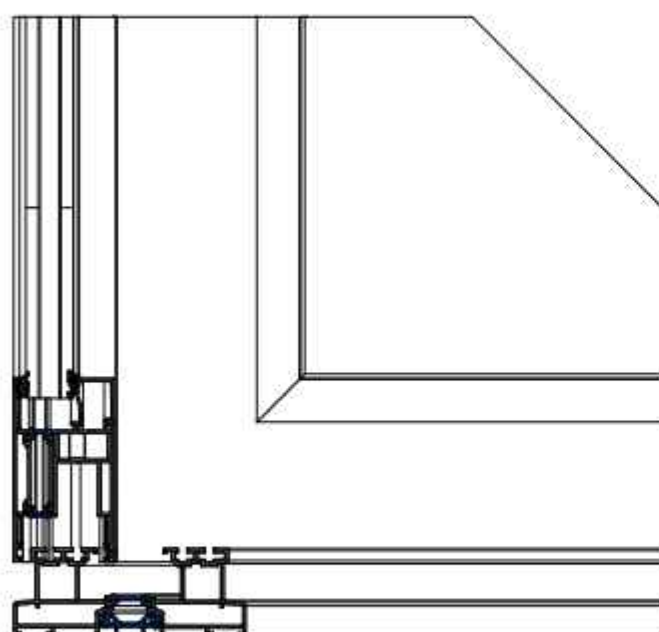
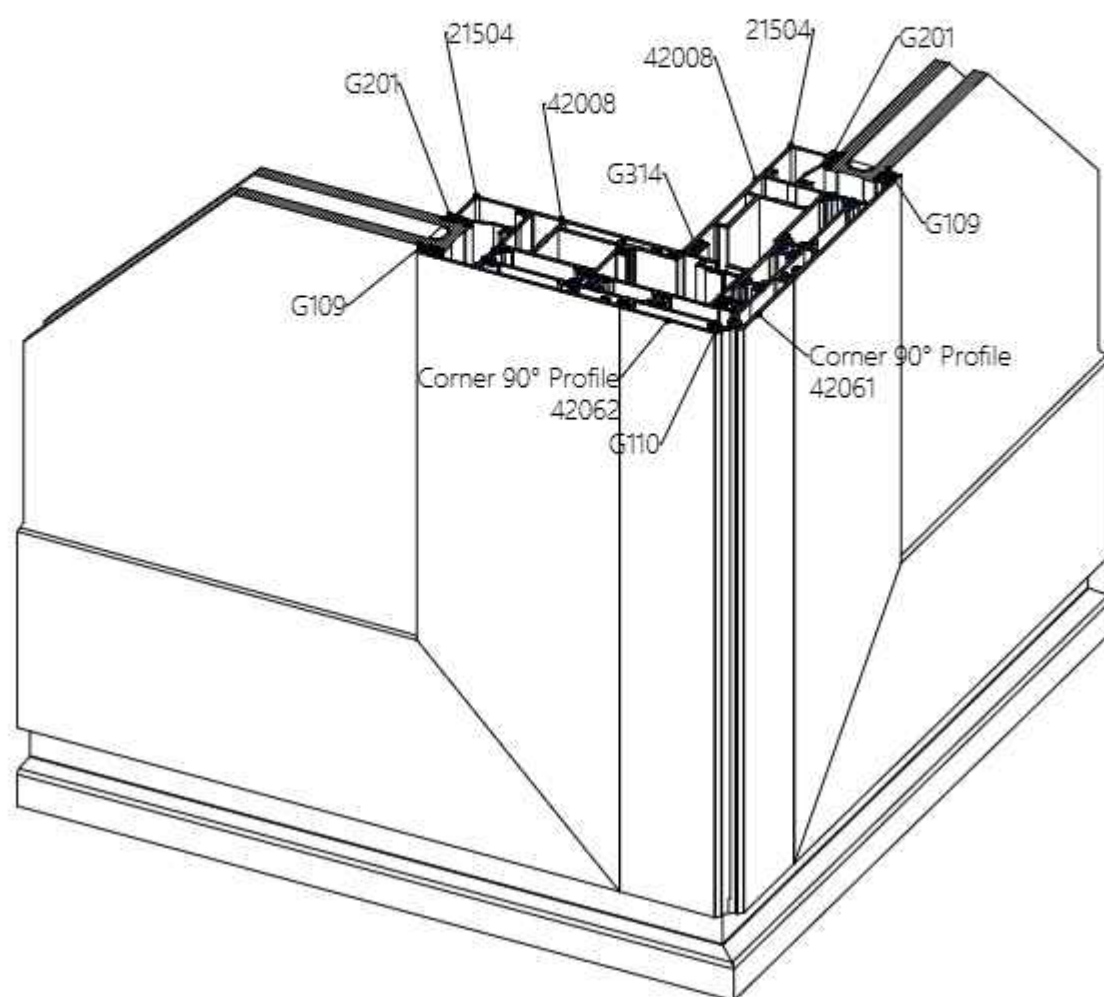




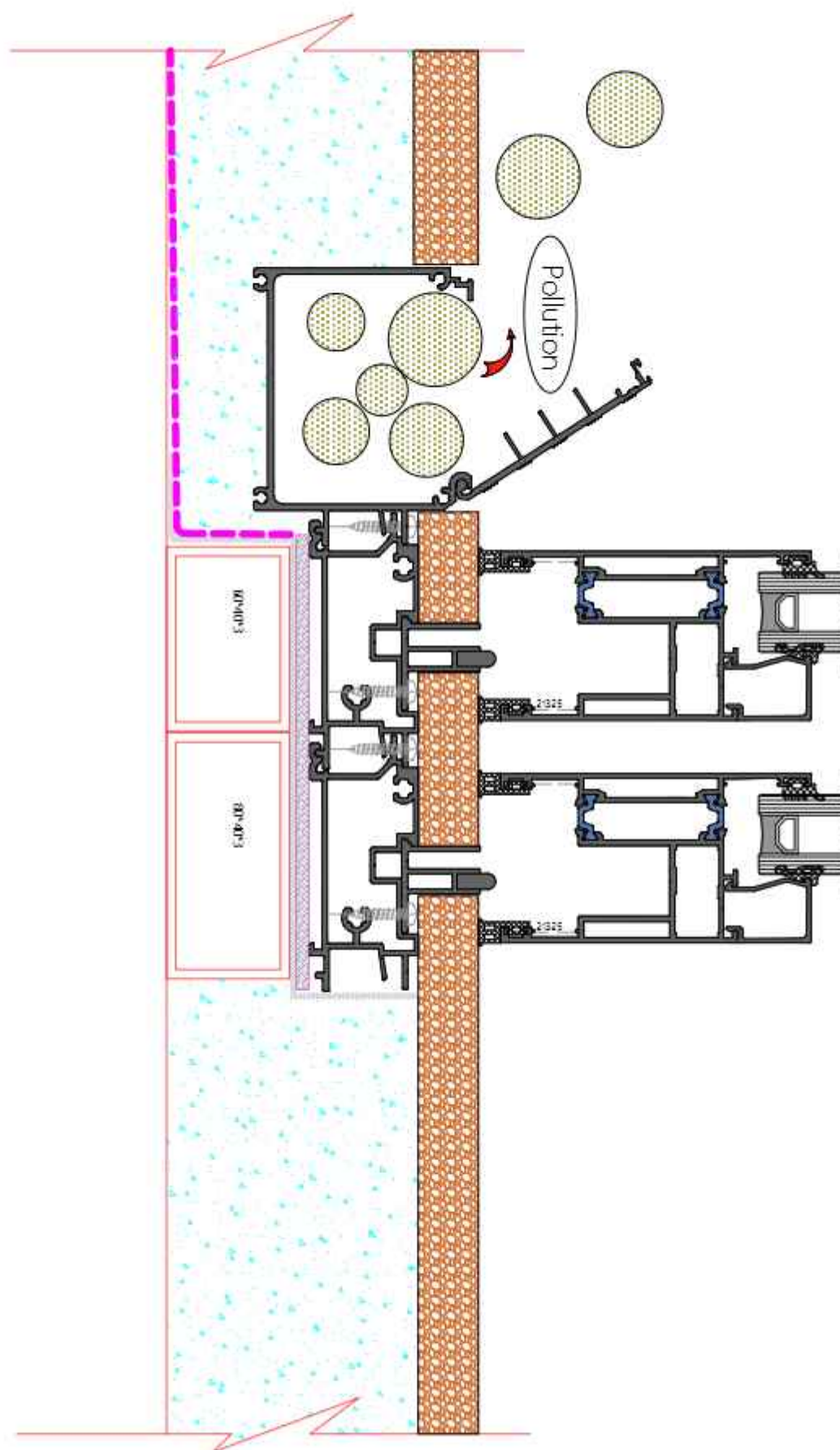


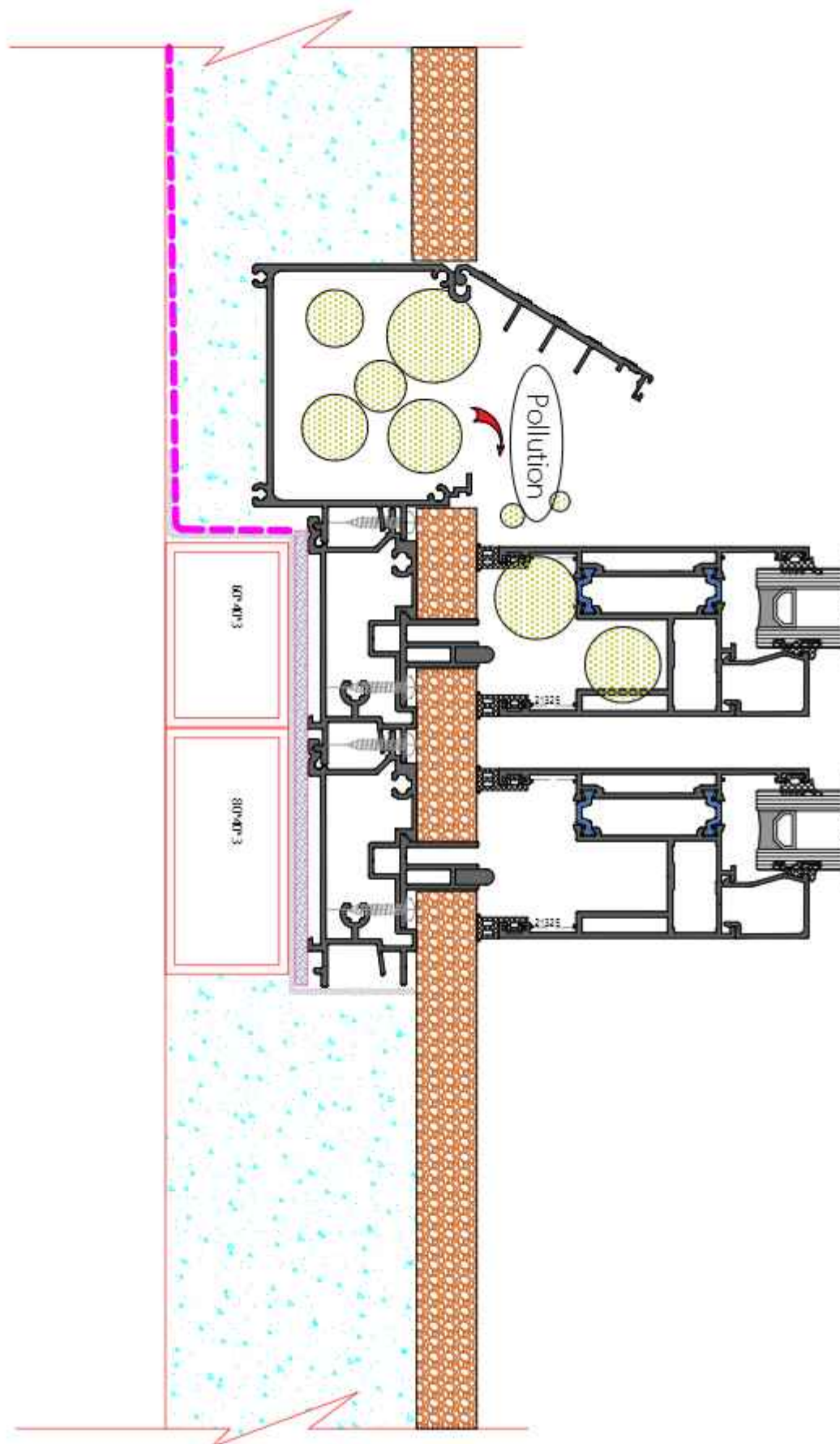






90° Corner





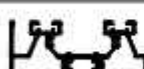
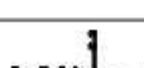
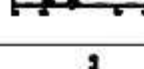
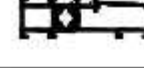
NOTE _____

WISDOM

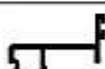


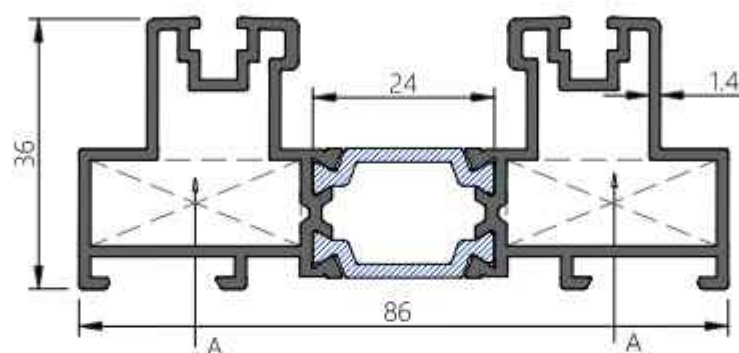
NOTE

OVERVIEW OF PROFILES

DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE $I_x(\text{cm}^4)$ / $I_y(\text{cm}^4)$
	33001	1.515	Frama Profile	7.62 / 36.86
	33002	1.608	Frame Profile	8.04 / 44.58
	33003	1.640	Two Rail Frame Profile	8.93 / 37.76
	33004	1.768	Two Rail Frame Profile	9.61 / 48.71
	33006	2.391	Three Rail Frame Profile	13.27 / 144.29
	33005	1.431	Monorail Frame Profile	4.60 / 32.17
	32008	1.445	Frame Profile	5.84 / 36.03
	33007	1.368	Frame Profile	6.05 / 30.93
	32005	1.256	Sash Frame	8.29 / 20.44
	32007	0.8200	Fix Glass Sash	2.51 / 5.04
	32006	1.2140	Sliding Sash	2.51 / 5.04
	32009	1.513	Lift & Slide Sash (200kg)	25.23 / 10.64
	32012	0.925	Reinforce Mullion	22.6 / 3.5
	32010	0.463	Sash Mullion	3.63 / 0.84

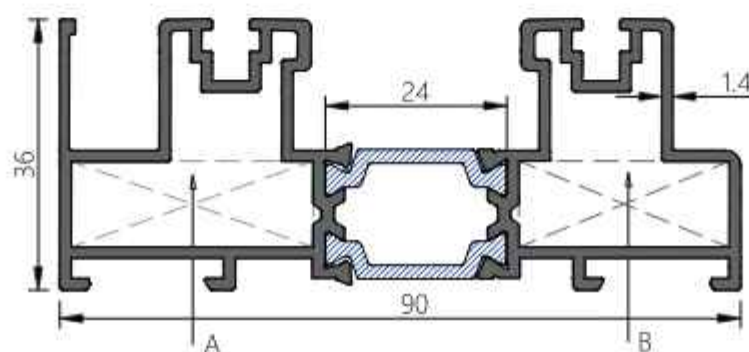
OVERVIEW OF PROFILES

DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE Jx(cm4) / Jy (cm4)
	32011	0.715	Fixed Sash Mullion	6.83 / 1.18
	32045	0.645	Cover Profile	/
	32049	0.318	Locking Profile	/
	32046	0.339	Cover Cap	/
	12955	0.560	Grid Vent	8.11 / 0.79
	42308	0.410	Insect Screen Rail Profile	/
	522504	0.069	Glazing Bead	/
	10423	0.860	Reinforce Profile	/
	10424	0.091	Reinforce Cap	/
	32501	0.190	Glazing Bead	/
	32502	0.154	Glazing Bead	/
	42309	0.049	Cover Cap	/
	32048	0.123	-	/
	42307	0.093	Rail Profile	/
	42306	0.170	Rail Profile	/



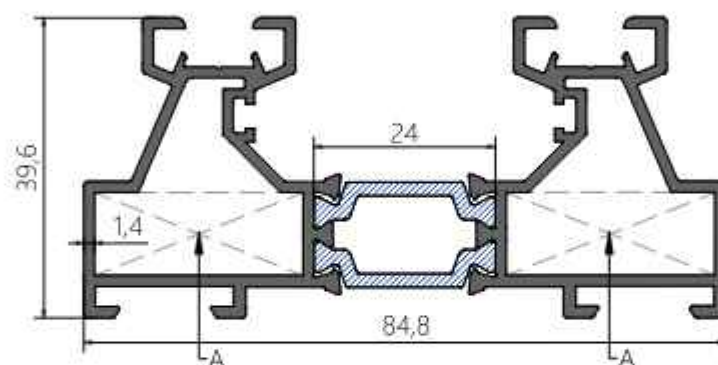
Profile Name	Profile Code	Weight (Kg/m)
Frame Profile	33001	1.515

Corner Cleat	A
	306-3 27.5mm



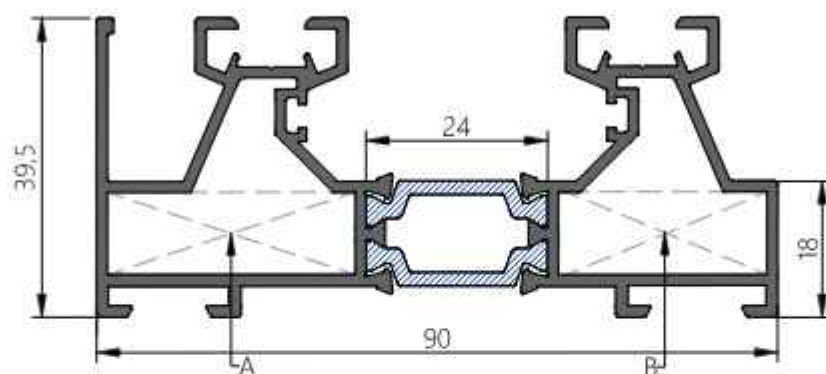
Profile Name	Profile Code	Weight (Kg/m)
Frame Profile	33002	1.608

Corner Cleat	A	B
	306-1 31.6mm	306-3 27.5mm

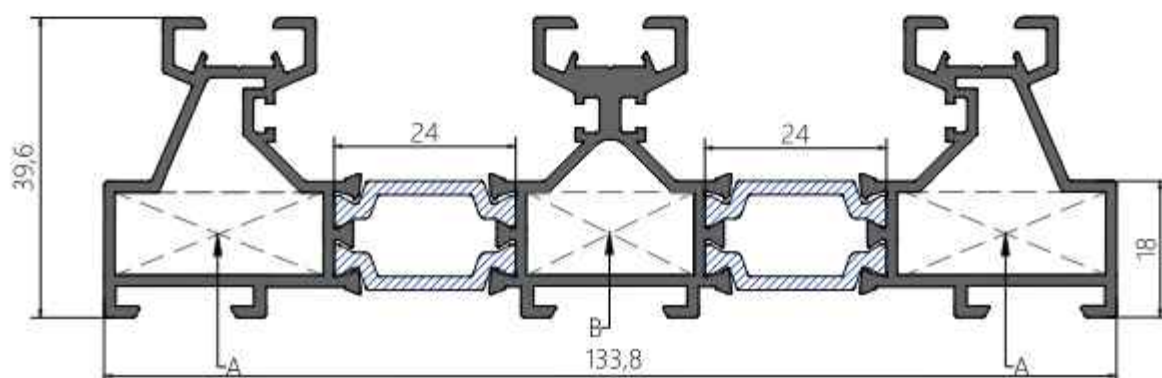


Profile Name	Profile Code	Weight (Kg/m)
Double Rail Frame Profile	33003	1.640

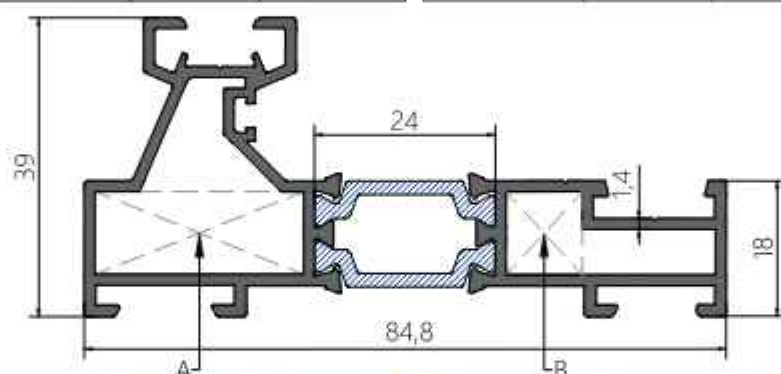
Corner Cleat	A
	305-4 27.2mm



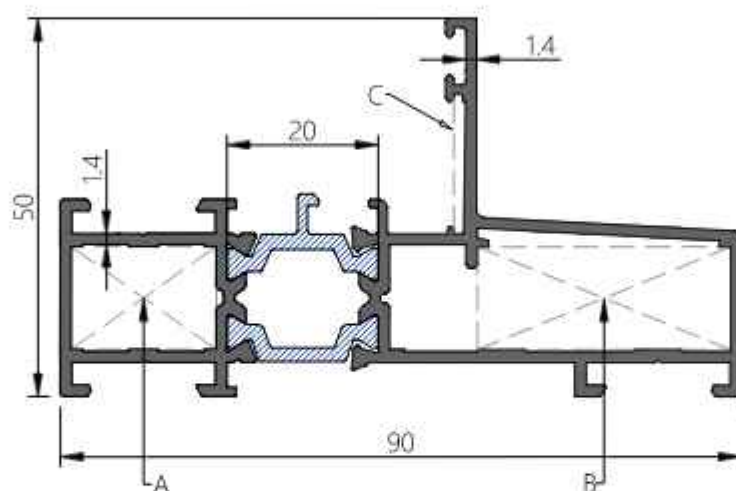
Profile Name	Profile Code	Weight (Kg/m)	Corner Cleat	A	B
Double Rail Frame Profile	33004	1.768		305-6 32.4mm	305-4 27.2mm



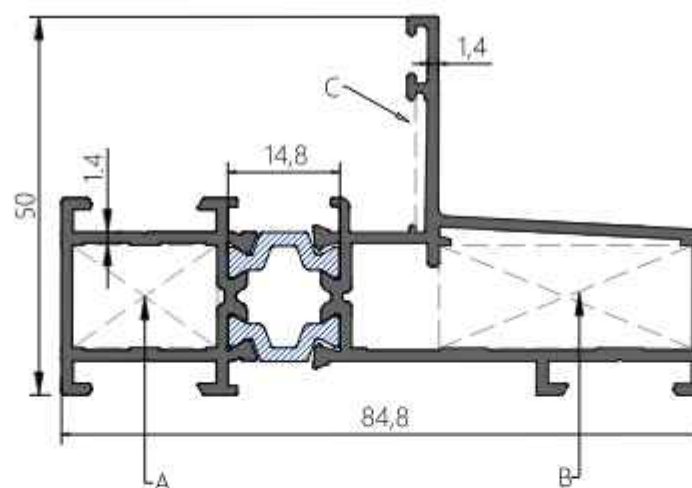
Profile Name	Profile Code	Weight (Kg/m)	Corner Cleat	A	B
Triple Rail Frame Profile	33006	2.391		305-4 27.2mm	305-5 21.8mm



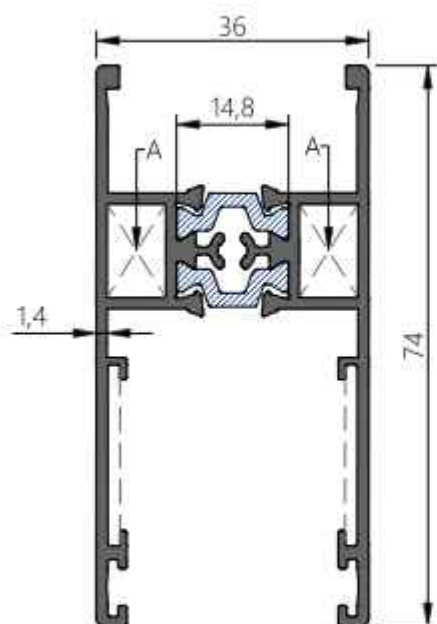
Profile Name	Profile Code	Weight (Kg/m)	Corner Cleat	A	B
Monorail Frame Profile	33005	1.431		305-4 27.2mm	305-7 9.7mm



Profile Name	Profile Code	Weight (Kg/m)	Corner Cleat	A	B	C
Frame Profile	32008	1.445		308-2 18.8mm	308-16 33.1mm	21326

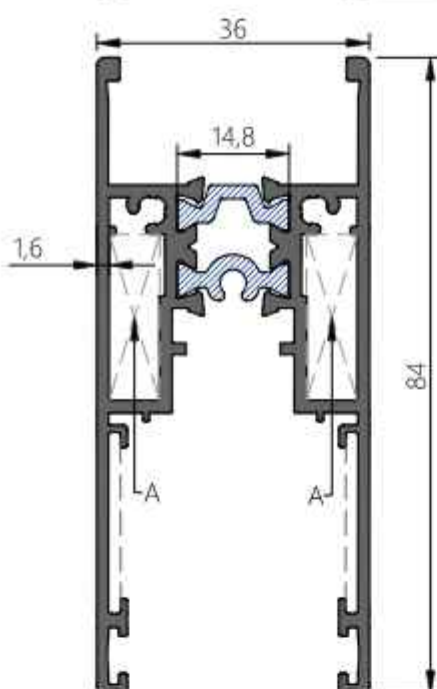


Profile Name	Profile Code	Weight (Kg/m)	Corner Cleat	A	B	C
Frame Profile	33007	1.368		308-2 18.8mm	308-16 33.1mm	21326



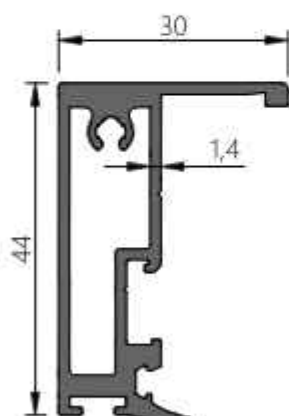
Profile Name	Profile Code	Weight (Kg/m)
Sliding Sash	32006	1.2140

Corner Cleat	A
	332-4 7.4mm

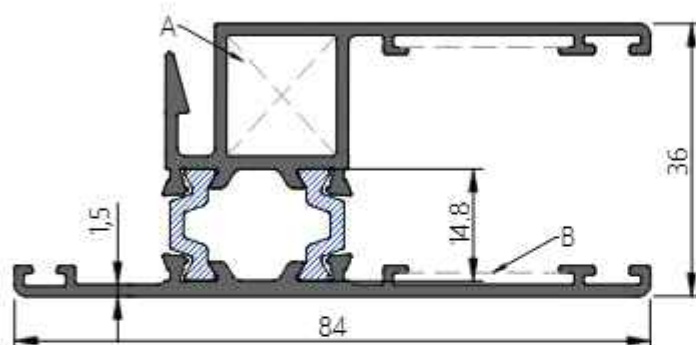


Profile Name	Profile Code	Weight (Kg/m)
Lift & slide Sash (200Kg)	32009	1.5130

Corner Cleat	A
	331-1 6.3mm

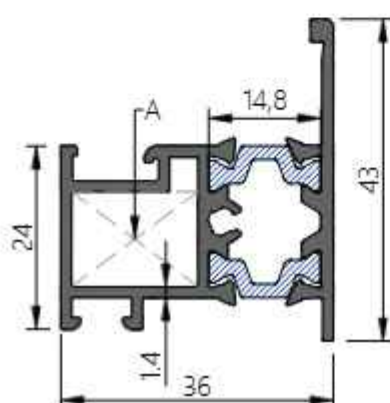


Profile Name	Profile Code	Weight (Kg/m)
Fixed Sash Mullion	32011	0.715



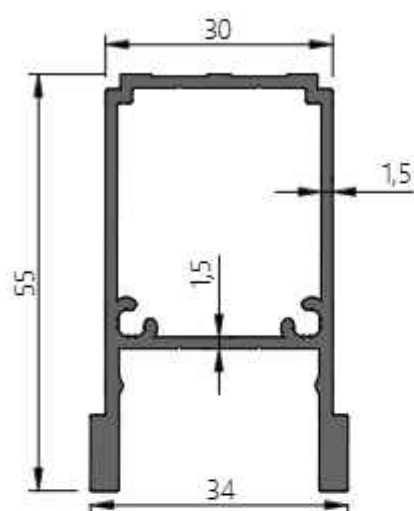
Profile Name	Profile Code	Weight (Kg/m)
Sash Profile	32005	1.256

Corner Cleat	A	B
	317-3 15.6mm	AP032

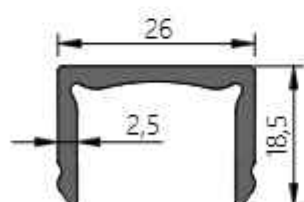


Profile Name	Profile Code	Weight (Kg/m)
Fix Glass Sash	32007	0.8200

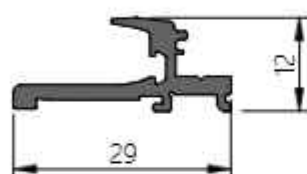
Corner Cleat	A
	332-3 16.2mm



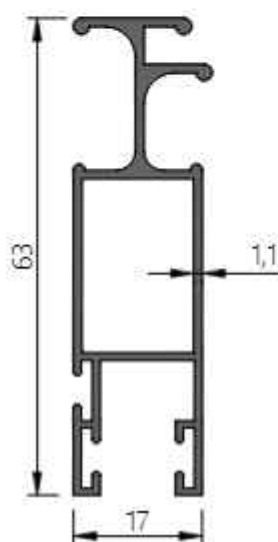
Profile Name	Profile Code	Weight (Kg/m)
Reinforce Profile	10423	0.860



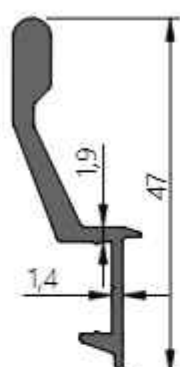
Profile Name	Profile Code	Weight (Kg/m)
Reinforce Cap	10424	0.091



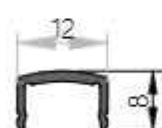
Profile Name	Profile Code	Weight (Kg/m)
Adaptor	32503	0.258



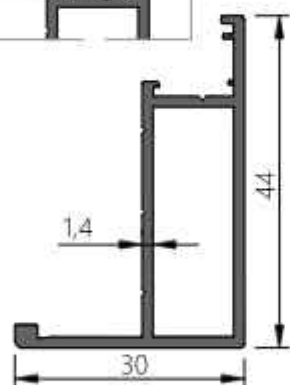
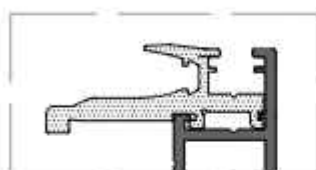
Profile Name	Profile Code	Weight (Kg/m)
Grid Vent	12955	0.560



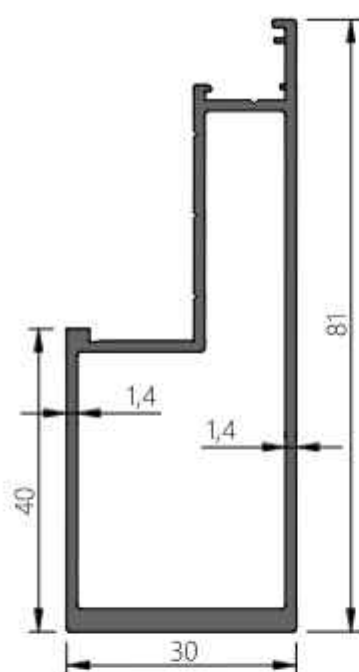
Profile Name	Profile Code	Weight (Kg/m)
Insect Screen Rail Profile	42308	0.410



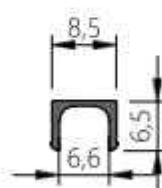
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	522504	0.069



Profile Name	Profile Code	Weight (Kg/m)
Sash Mullion	32010	0.4630



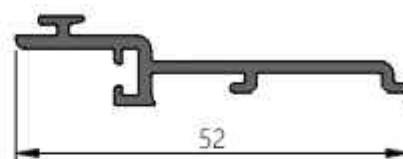
Profile Name	Profile Code	Weight (Kg/m)
Reinforce mullion	32012	0.925



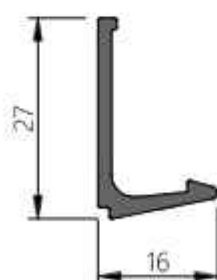
Profile Name	Profile Code	Weight (Kg/m)
Cover Cap	42309	0.049



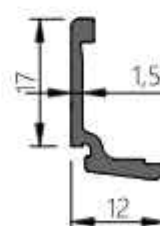
Profile Name	Profile Code	Weight (Kg/m)
Cover Profile	32045	0.645



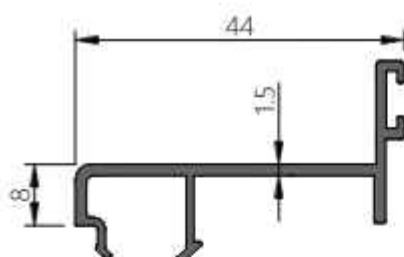
Profile Name	Profile Code	Weight (Kg/m)
Locking Profile	32049	0.318



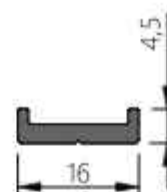
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	32501	0.190



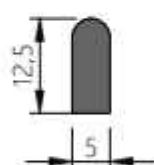
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	32502	0.1540



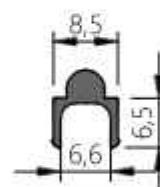
Profile Name	Profile Code	Weight (Kg/m)
Cover Cap	32046	0.339



Profile Code	Weight (Kg/m)
32048	0.1230

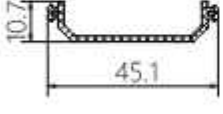


Profile Name	Profile Code	Weight (Kg/m)
Rail Profile	42306	0.170

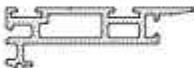
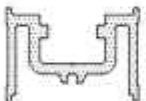
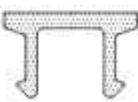
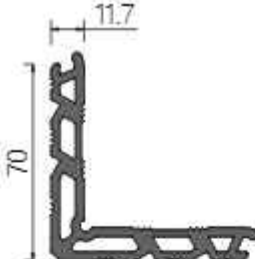
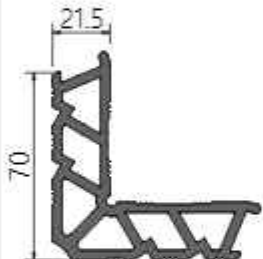


Profile Name	Profile Code	Weight (Kg/m)
Rail	42307	0.92

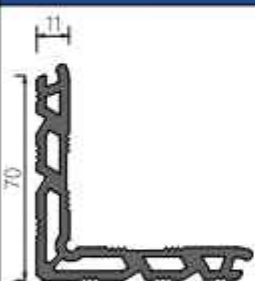
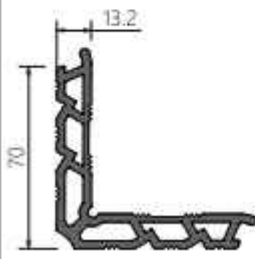
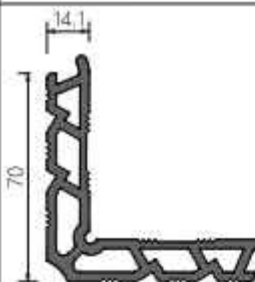
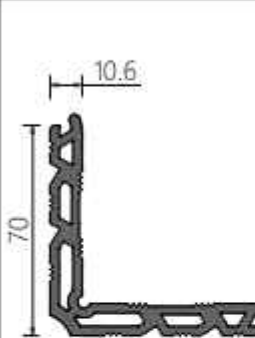
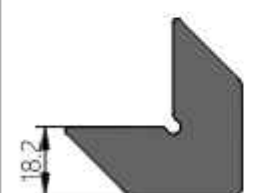
ACCESSORIES

Drawing	Code	Description	Material
	G 109	Glazing Gasket	EPDM
	G 110	Gasket For Frame Profile	
	G 108	Interior Glazing Gasket 2mm	
	G 201	Interior Glazing Gasket 4mm	
	G 202	Interior Glazing Gasket 6mm	
	G 203	Interior Glazing Gasket 8mm	
	G 308	Inner Overlap	
	G 309	Glazing Gasket	
	G 170	Inner Overlap	
	G 305	Interior Gasket	
	G 301	Sash Overlap Gasket	
	G 310	Gasket For Frame Profile	

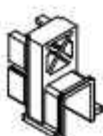
ACCESSORIES

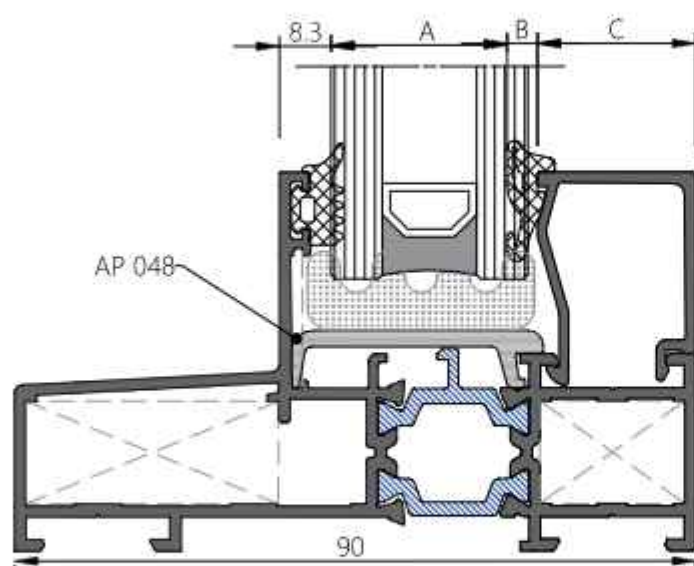
Drawing	Code	Description	Material
	P 322	PVC Labyrinth Profile	PVC
	P 323	PVC Cremone Channel	
	P 321	Channel Closing Profile	
	B 32	Brush Gasket	
	B 42	Brush Gasket	
	332-3	Press Corner Cleat 16.2(mm)	Aluminium
	332-4	Press Corner Cleat 7.4(mm)	
	331-1	Press Corner Cleat 6.3(mm)	

ACCESSORIES

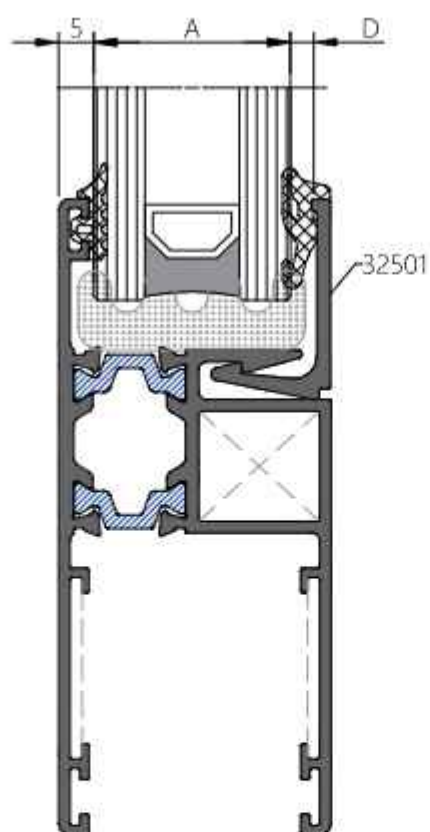
Drawing	Code	Description	Material
	306-1	Press Corner Cleat 31.6(mm)	Aluminium
	306-3	Press Corner Cleat 27.5(mm)	
	308-2	Press Corner Cleat 18.8(mm)	
	308-16	Press Corner Cleat 33.1(mm)	
	317-3	Press Corner Cleat 15.6(mm)	
	305-4	Press Corner Cleat 27.2(mm)	
	305-7	Press Corner Cleat 8.7mm	
	305-5	Press Corner Cleat 21.8(mm)	
	305-6	Press Corner Cleat 32.4(mm)	
	21326	32008 Press Corner Cleat 18.2(mm)	

ACCESSORIES

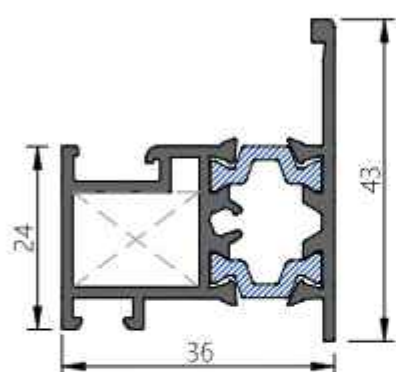
Drawing	Code	Description	Material
	AP 034	Sliding Up Fixer	PVC
	AP 035	Sliding down Fixer	
	AP 036	Lift & Slide Up Fixer	
	AP 037	Lift & Slide Down Fixer	
	AP 038	Fixers Cap	
	AP 030	Sash Closing Plug	
	AP 032	Corner Cleat For Sash	
	AP 050	Sash Stopper Support	



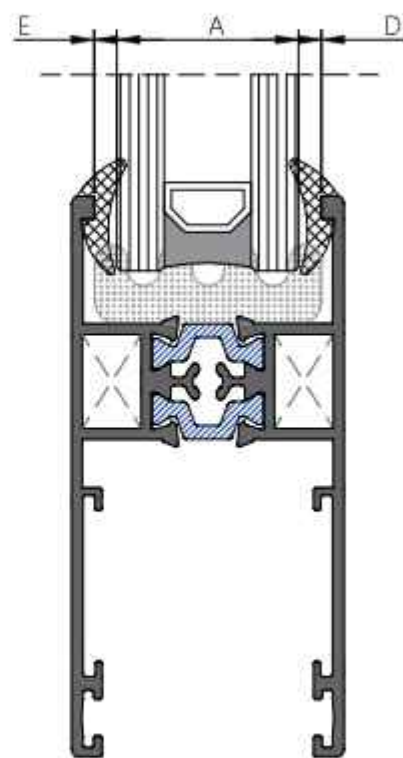
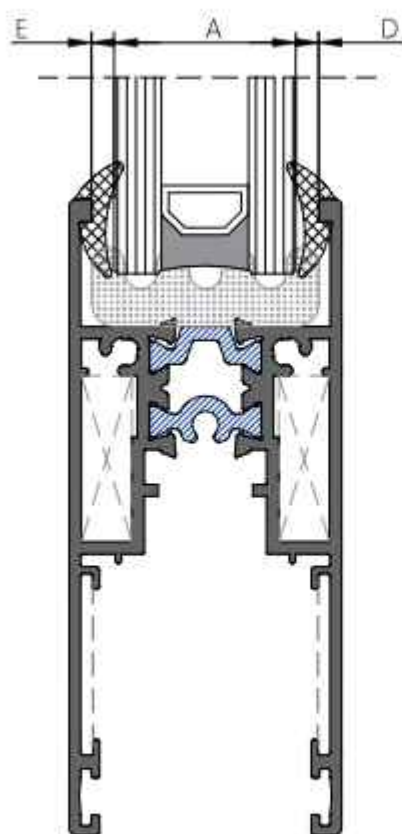
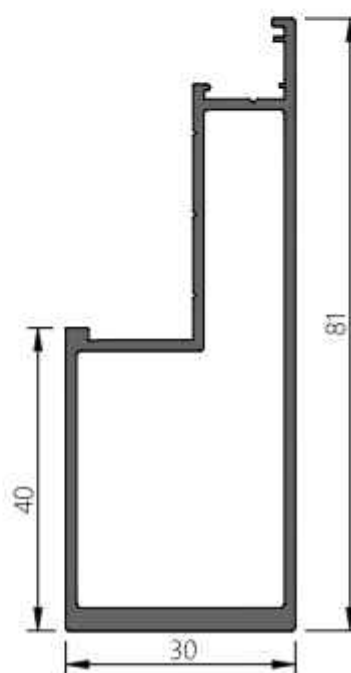
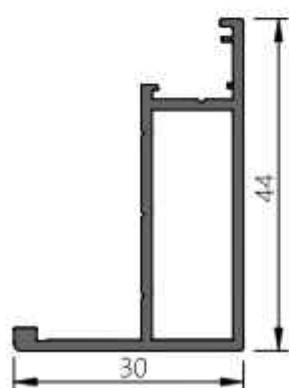
Glass Size		
A(mm)	B	C
20	G 201	21504
22	G 203	21503
24	G 202	21503
26	G 202	21502
28	G 201	21502
30	G 108	21502
32	G 202	21501
34	G 201	21501

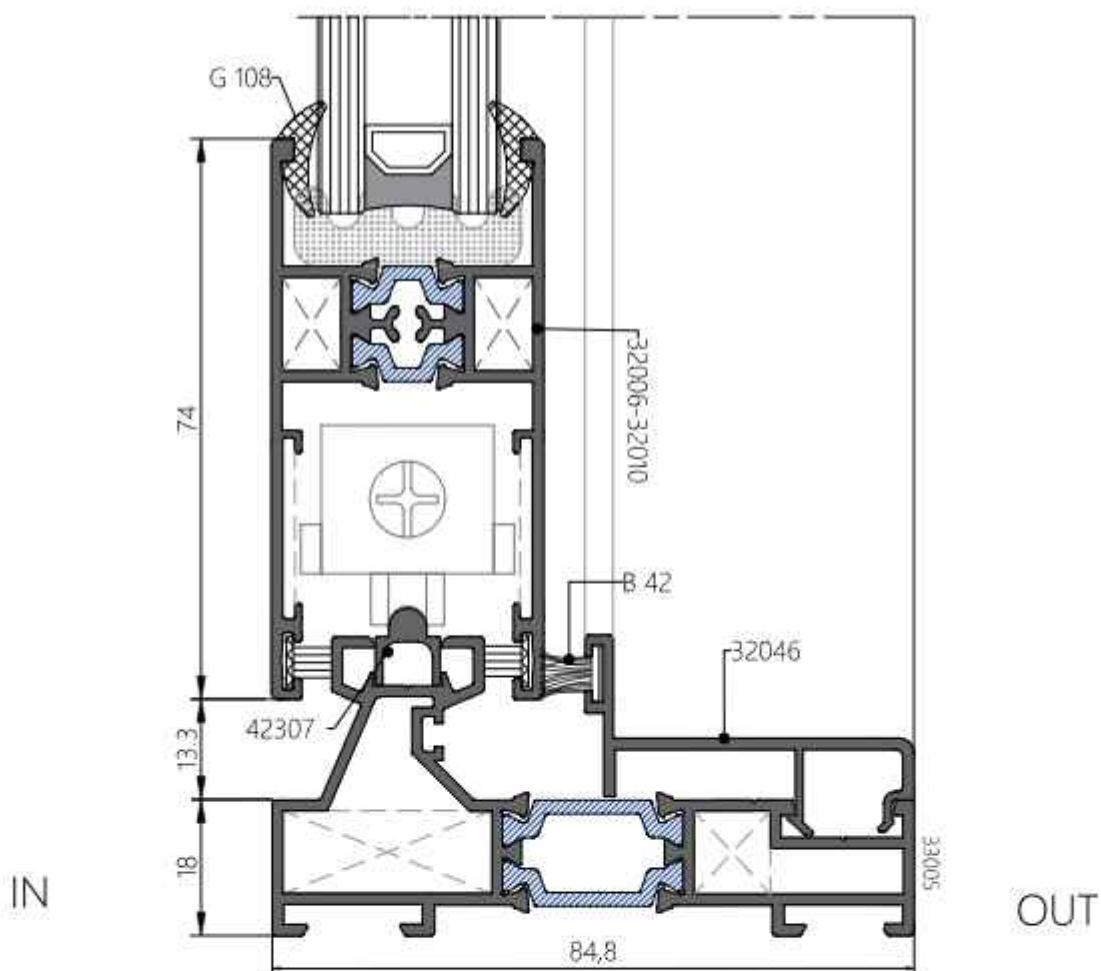
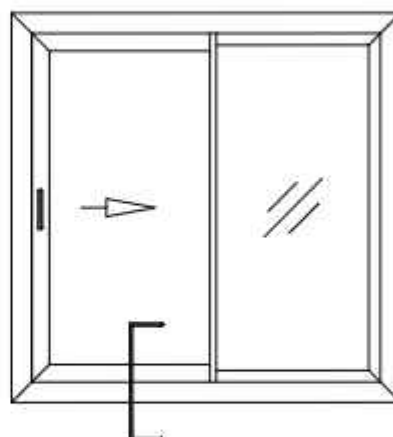


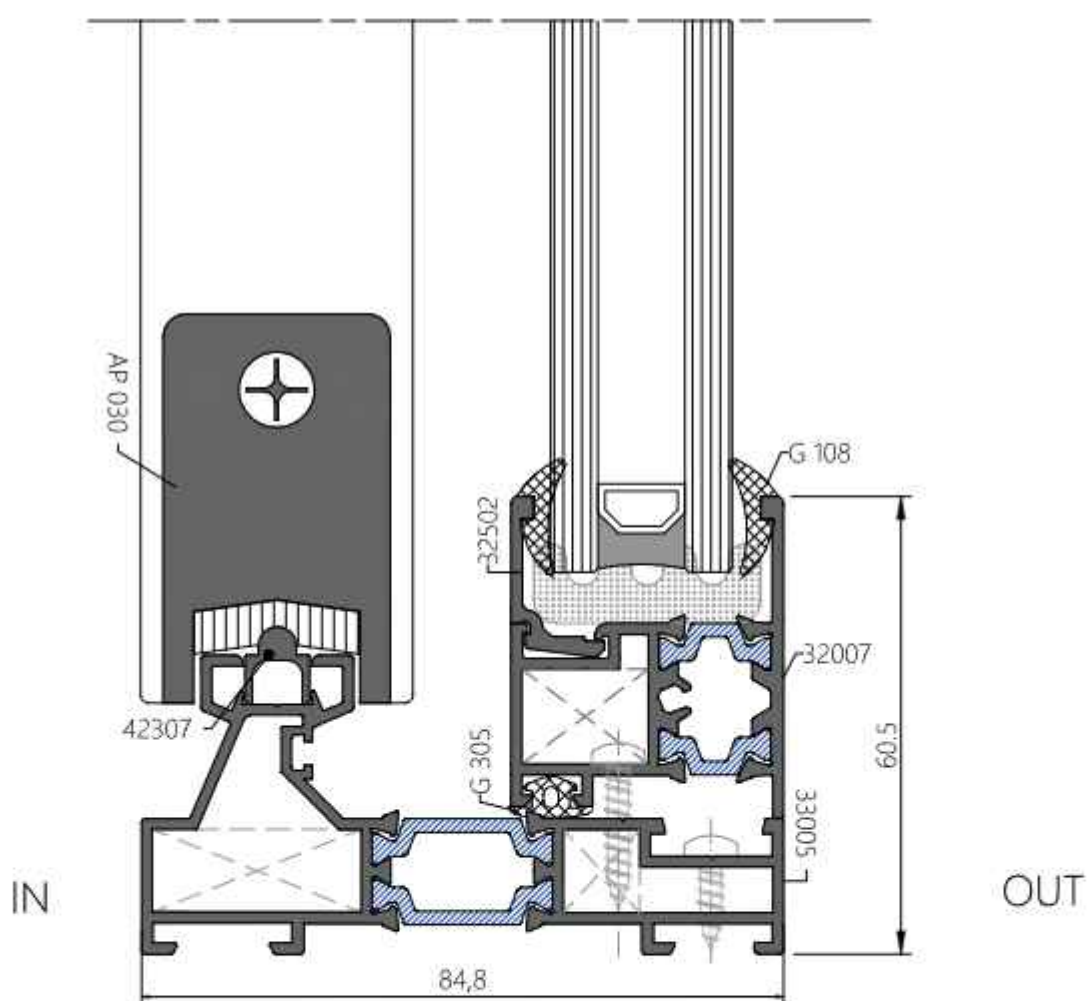
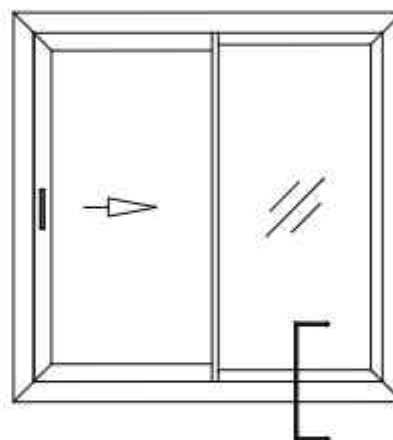
Glass Size	
A(mm)	D
20	G 203
22	G 202



Glass Size		
A(mm)	D	E
20	G 202	G 203
22	G 201	G 202
24	G 108	G 201
26	G 108	G 108



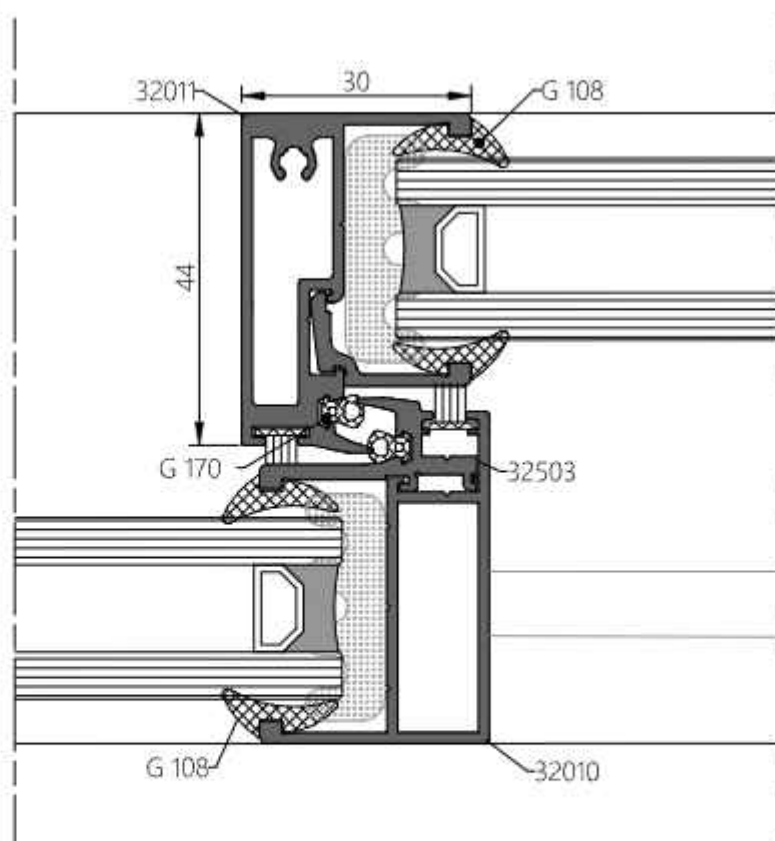
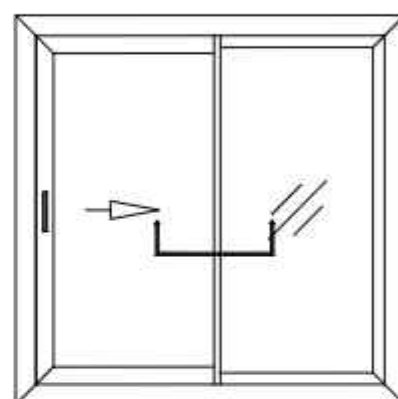
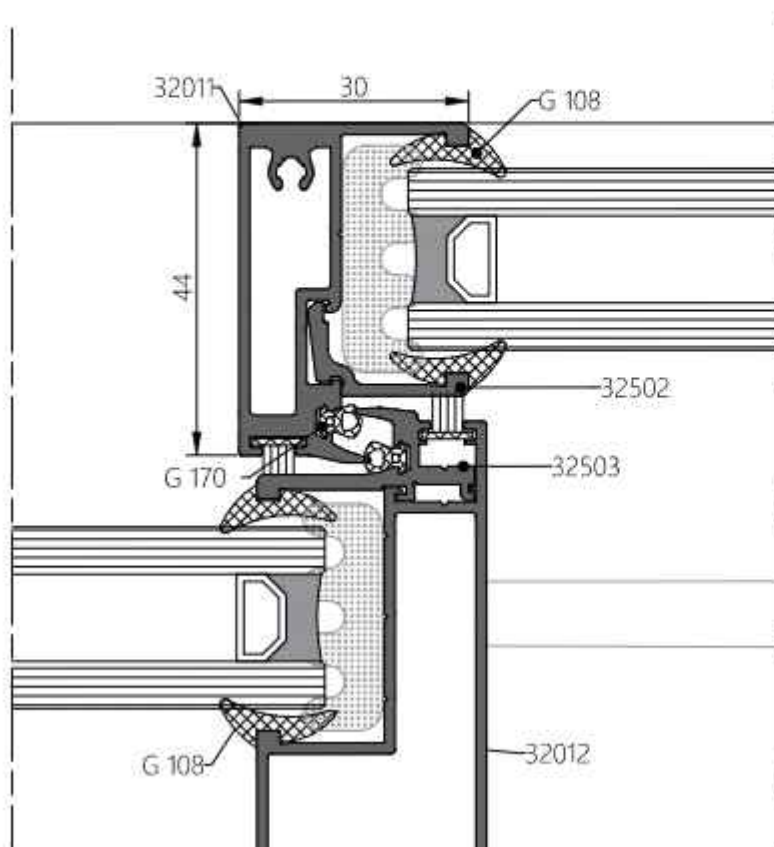




HATCH GUIDE :  Aluminium

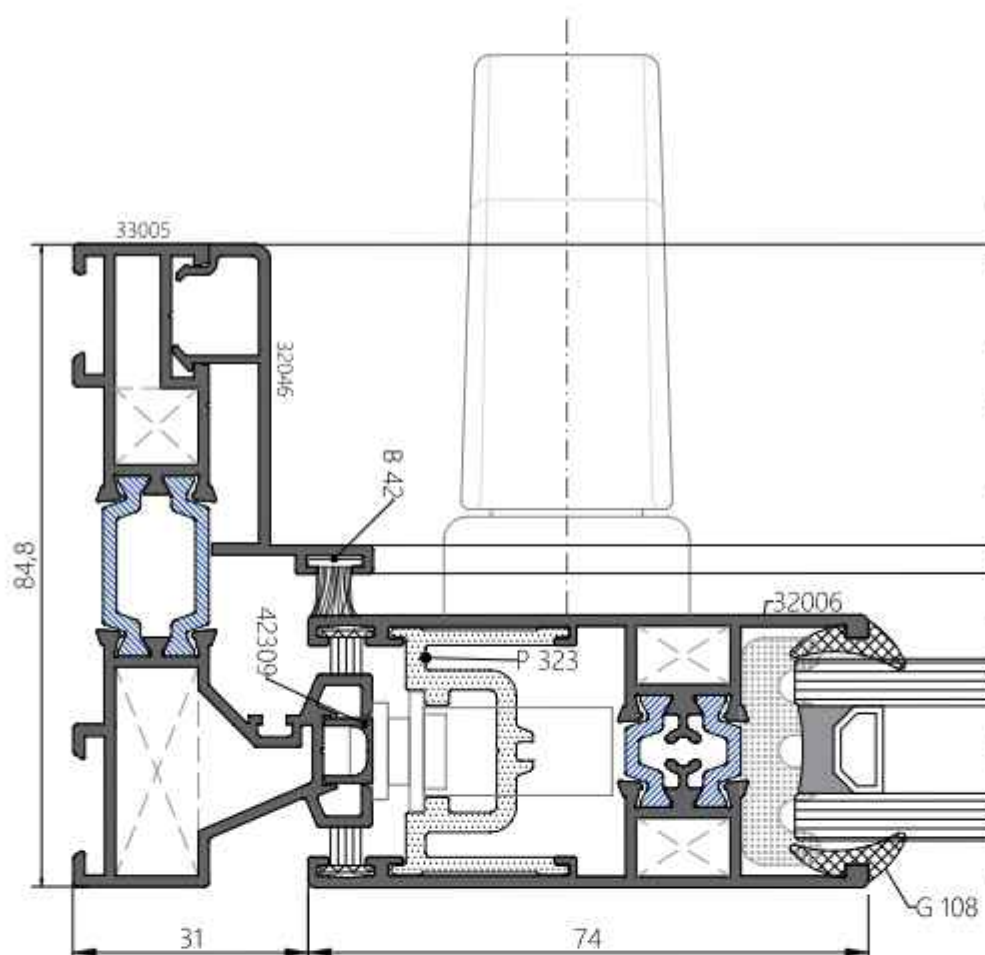
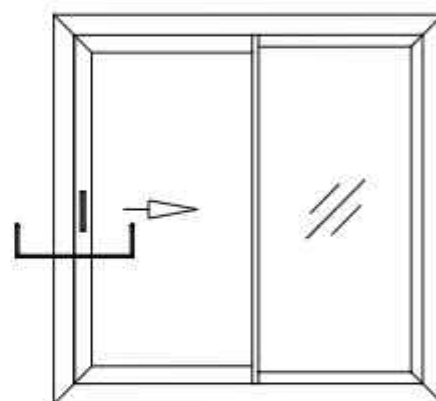
 PolyAmid

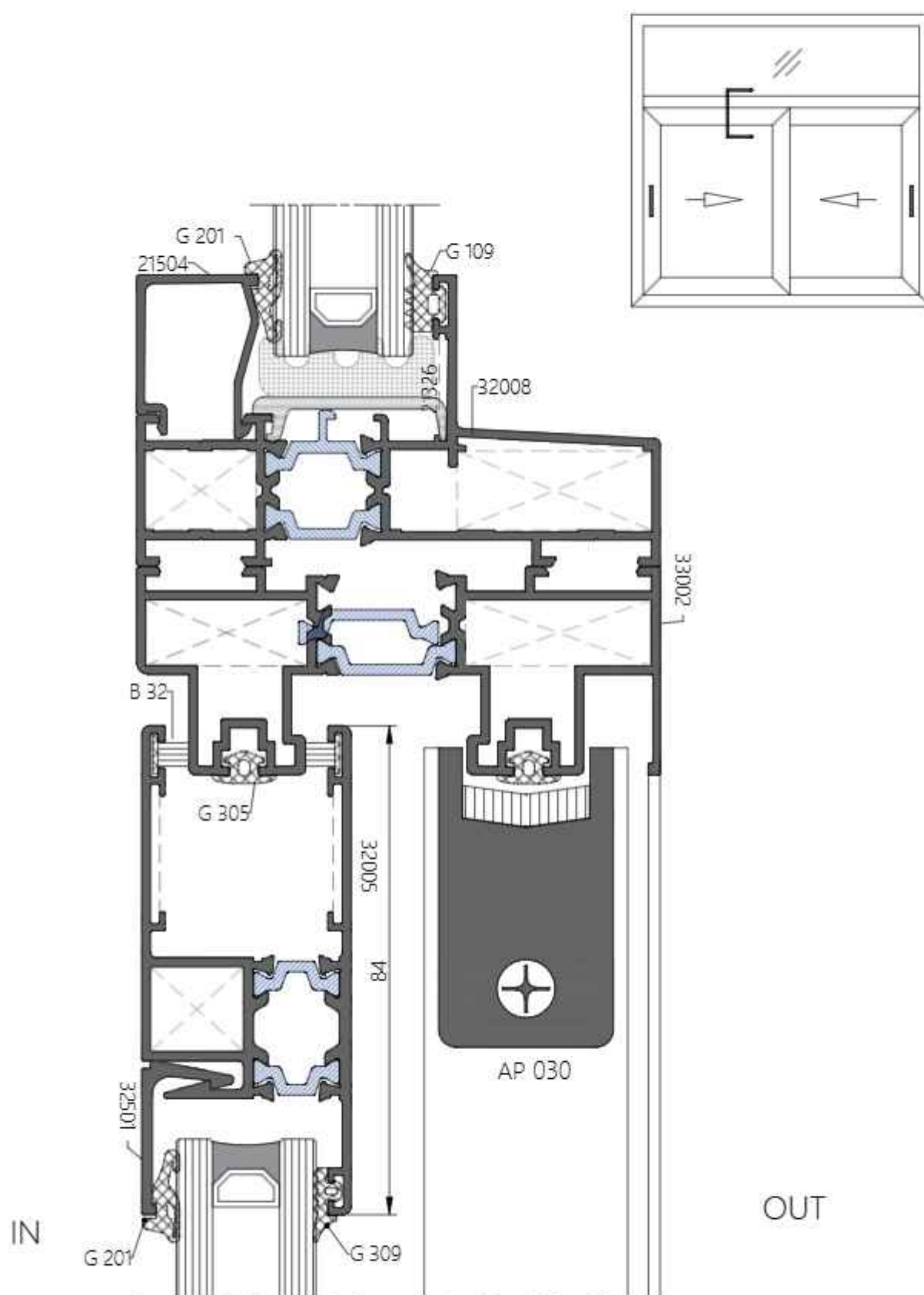
www.Bendini.co



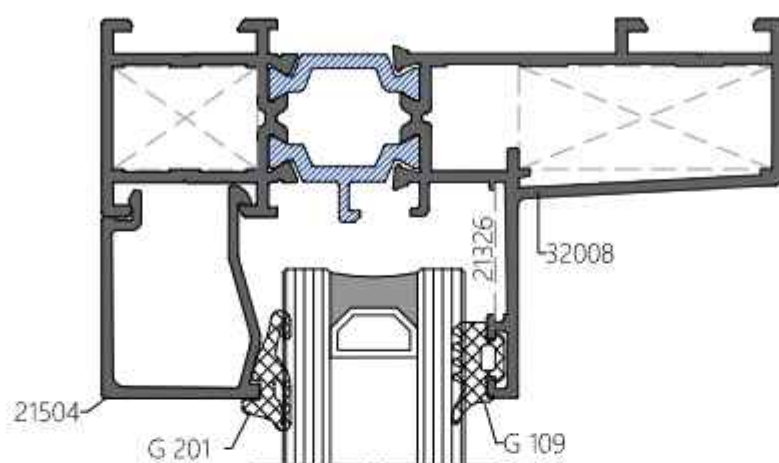
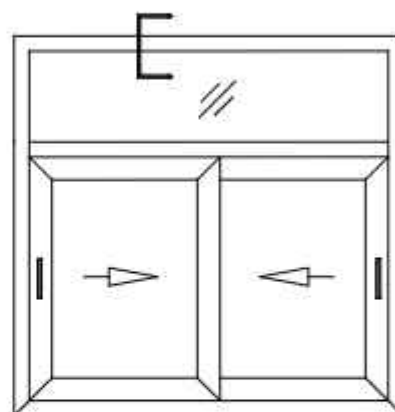
HATCH GUIDE :  Aluminium  PolyAmid  PVC  EPDM  Sponge

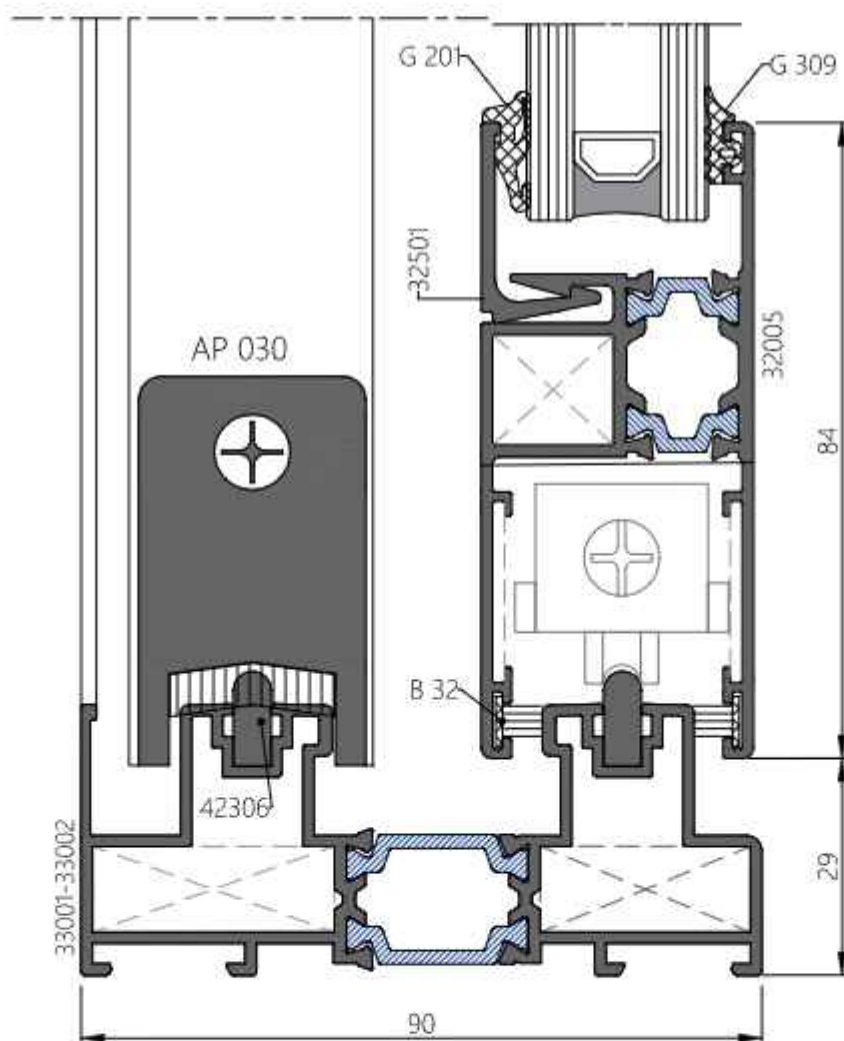
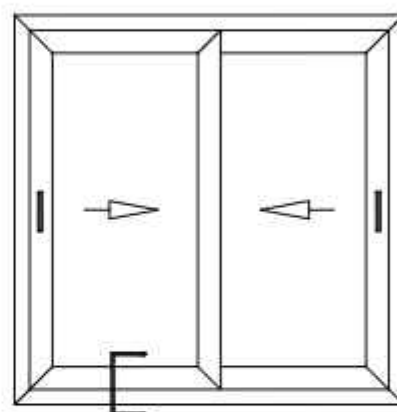
www.Bendini.co

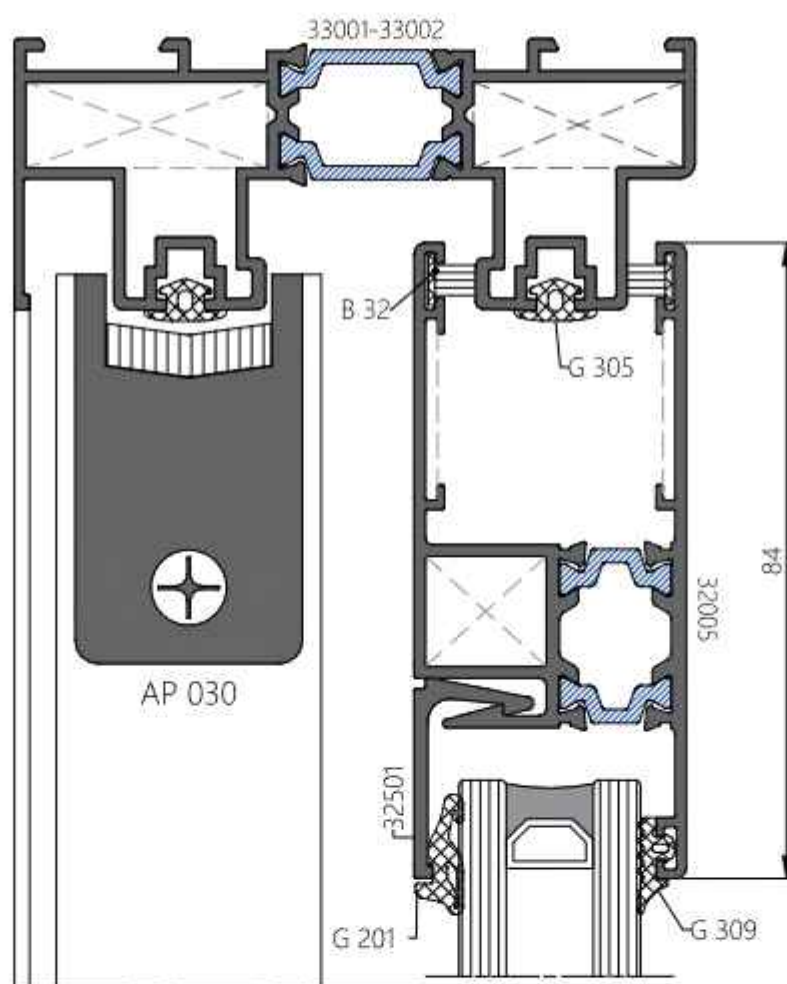
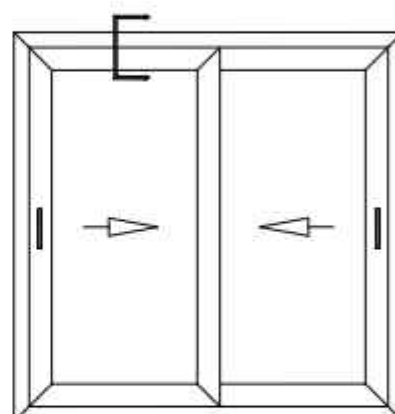


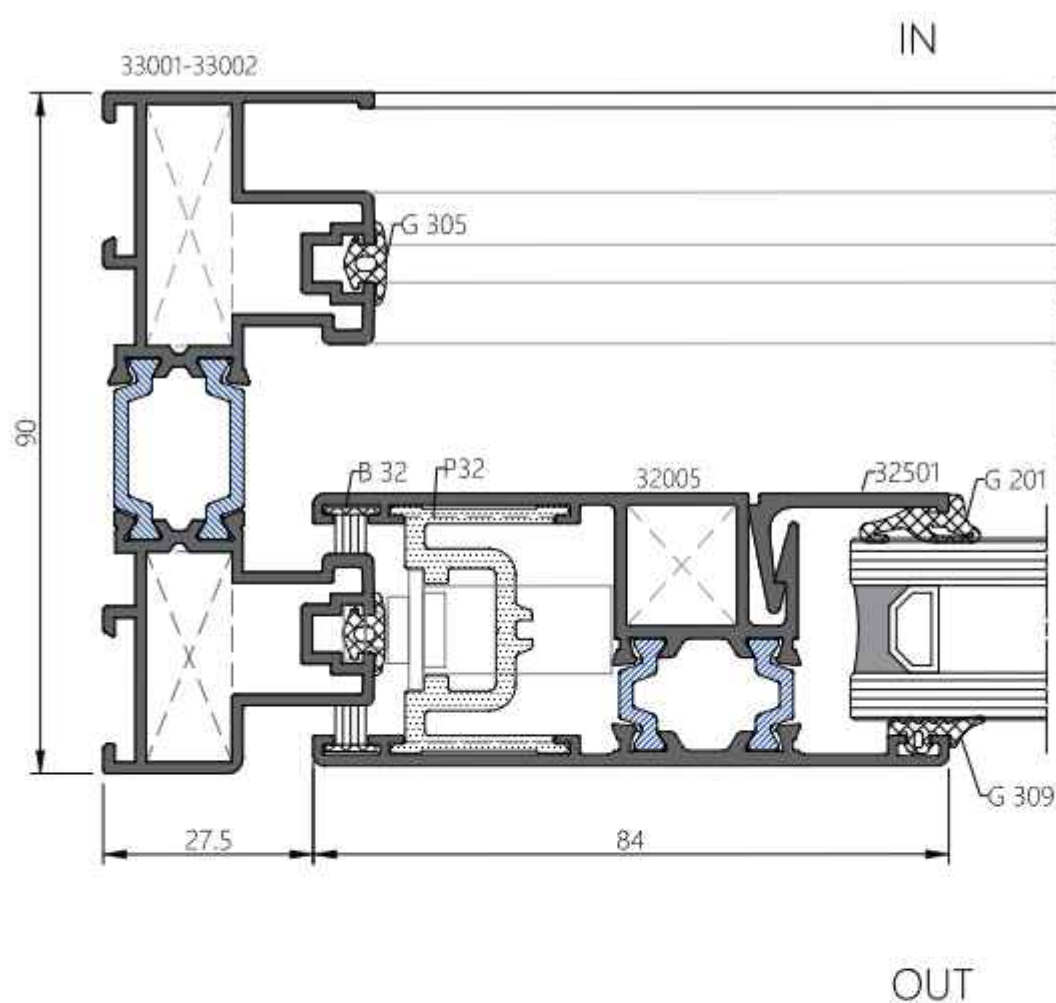
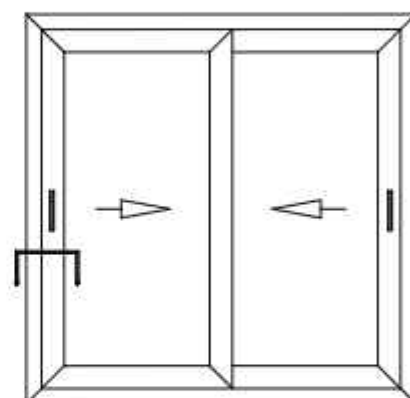


HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge









HATCH GUIDE : ● Aluminium

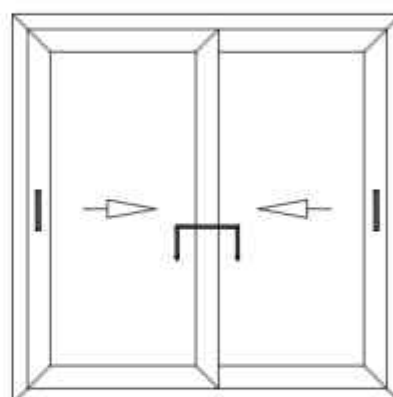
● PolyAmid

● PVC

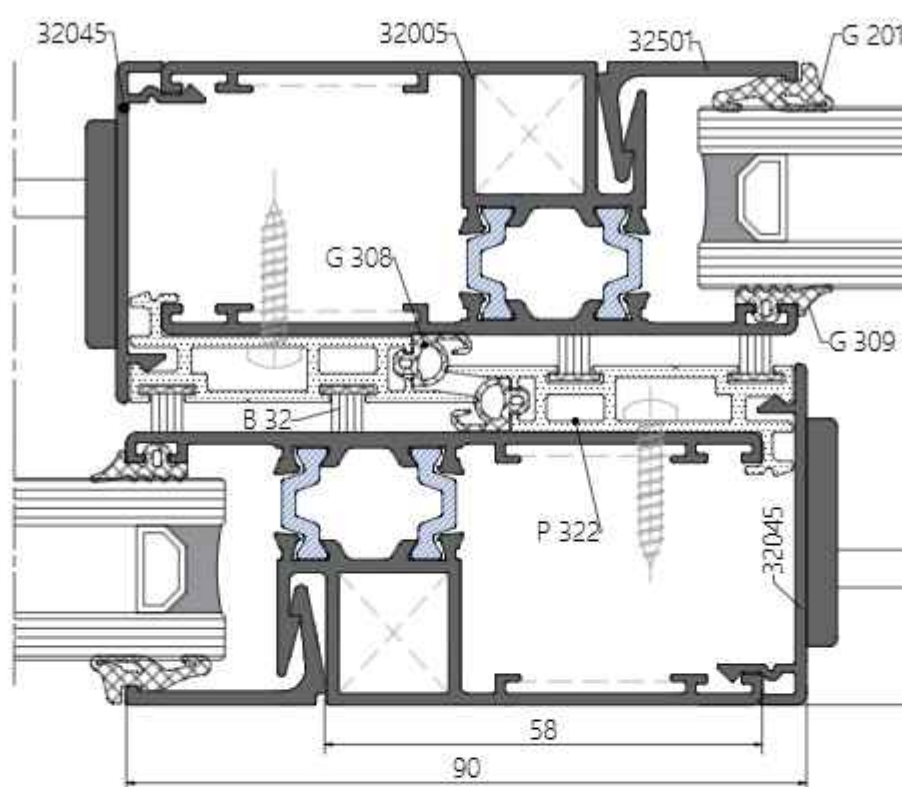
● EPDM

● Sponge

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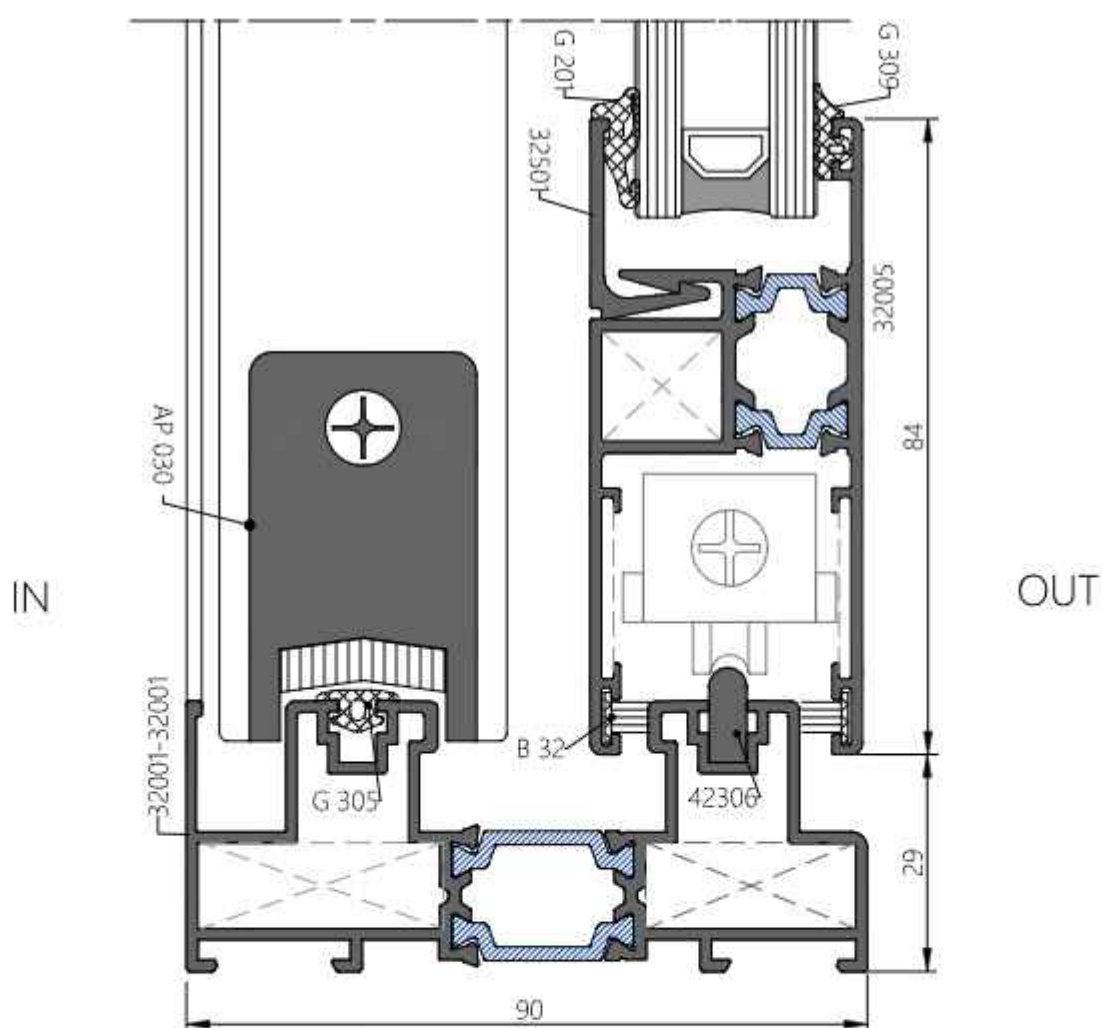
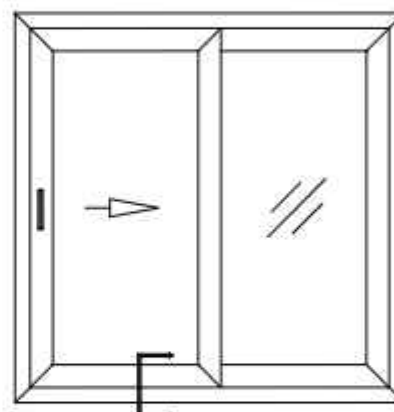


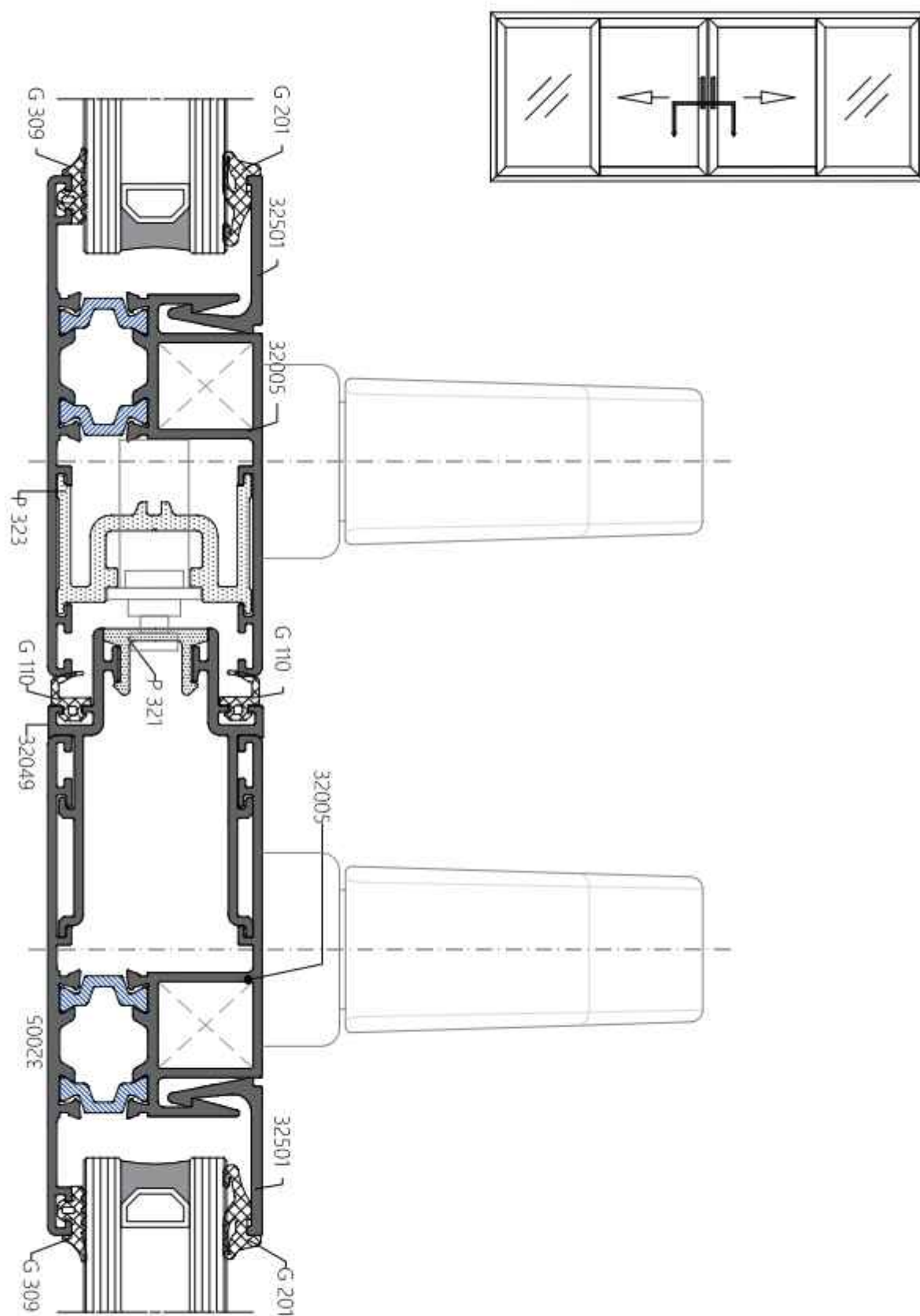
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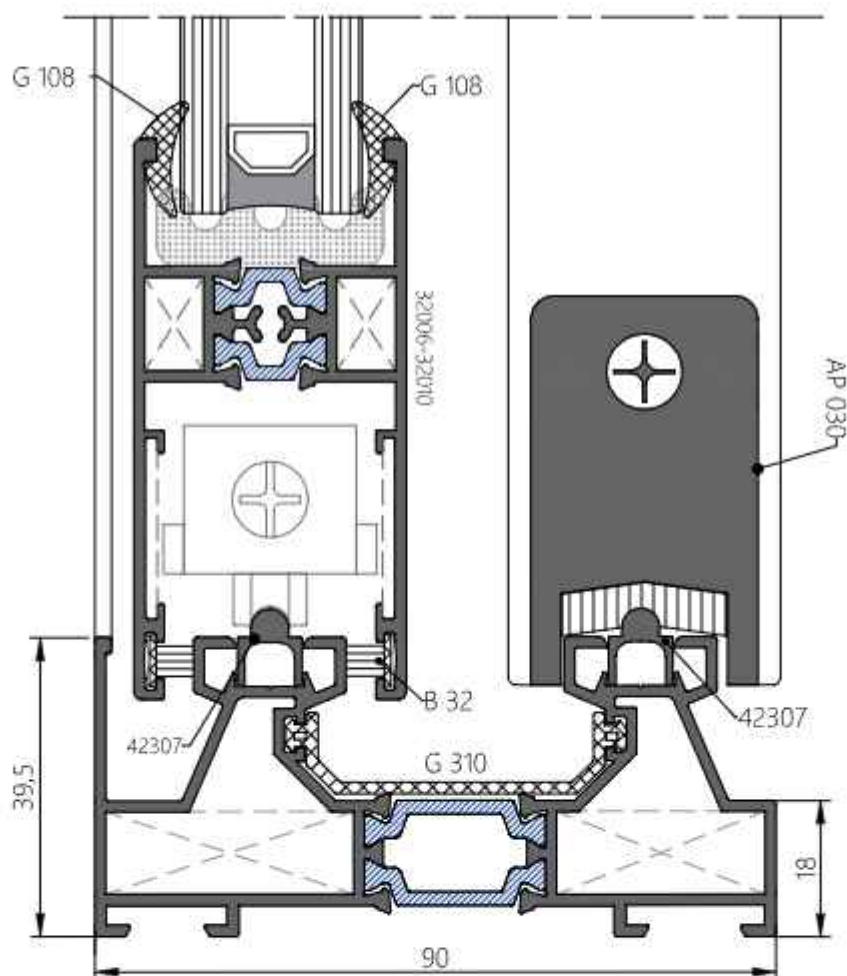
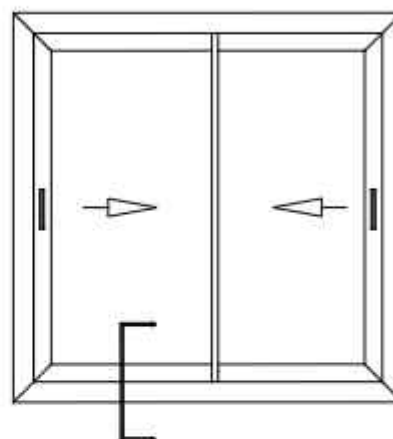
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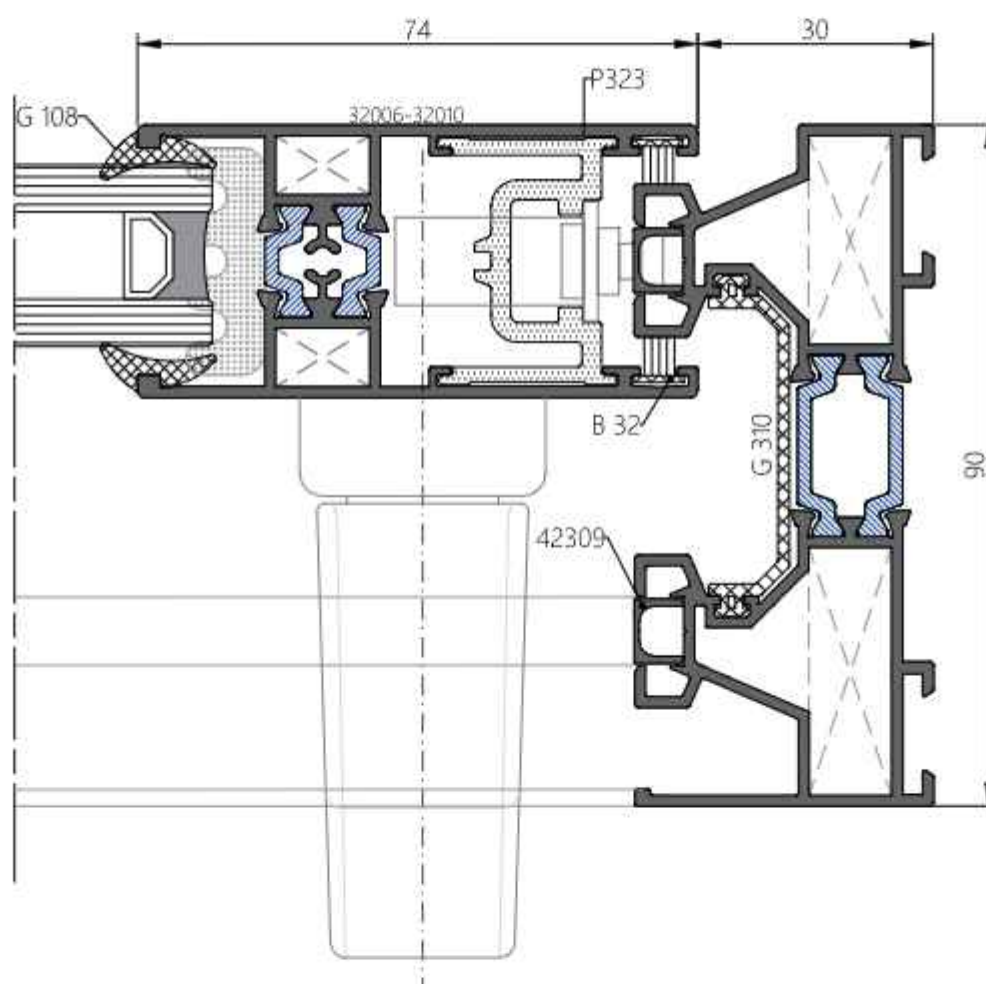
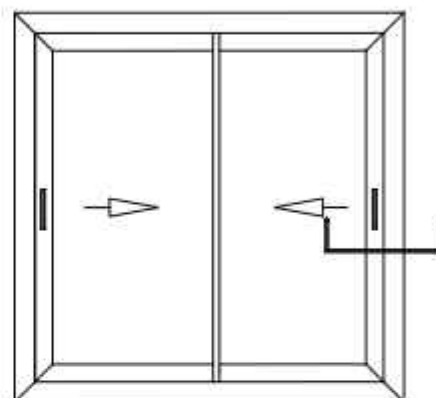
HATCH GUIDE :  Aluminium  PolyAmid  PVC  EPDM  Sponge

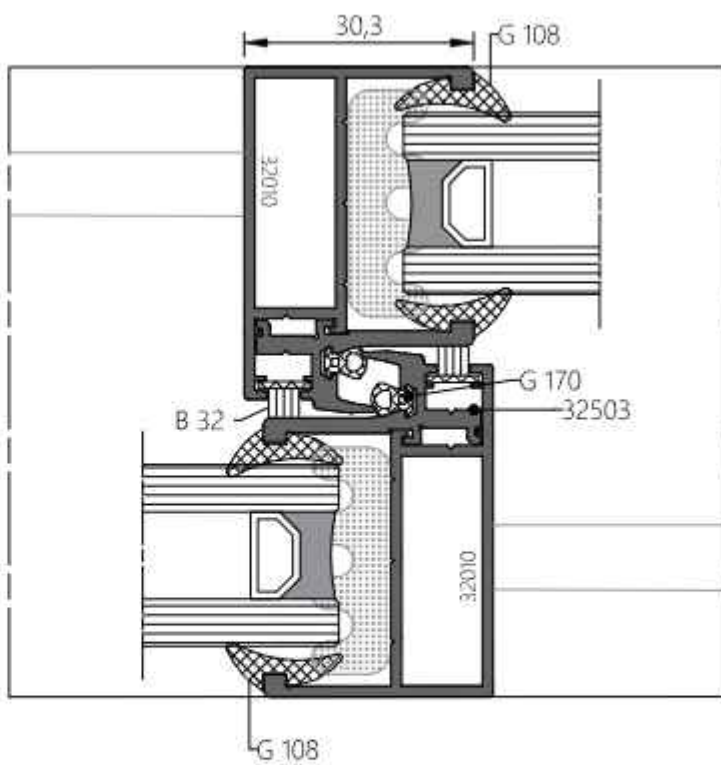
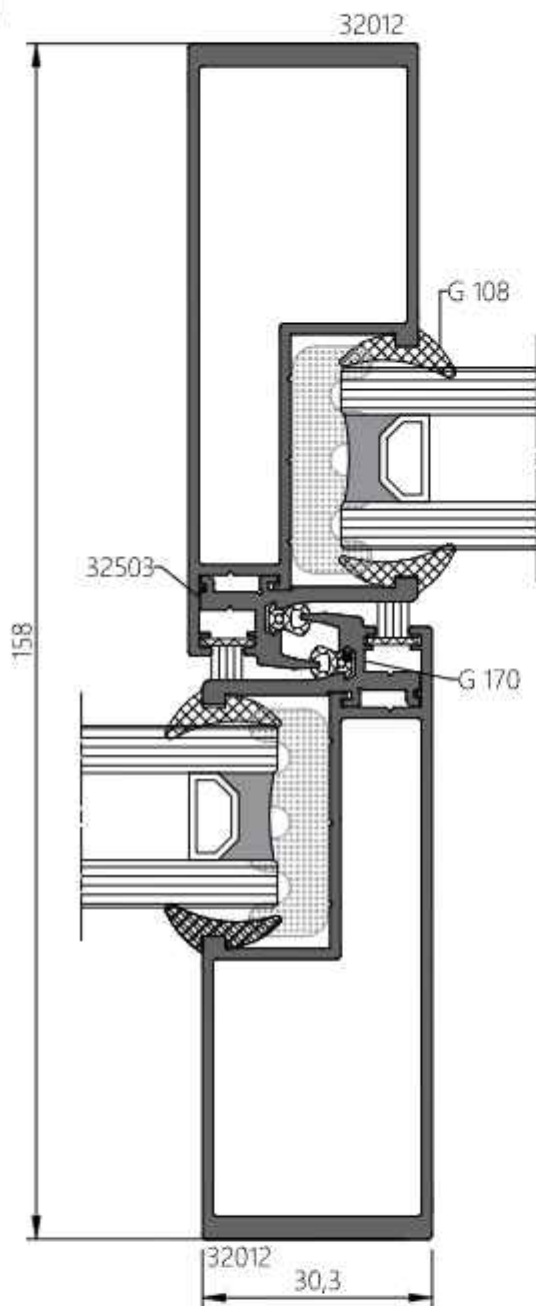
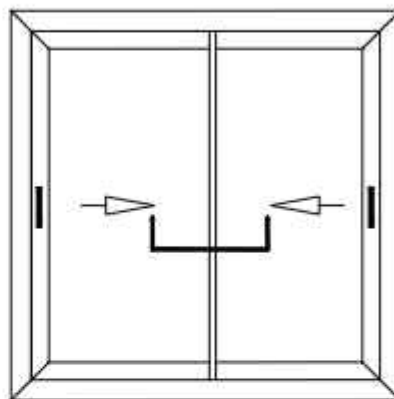




HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge





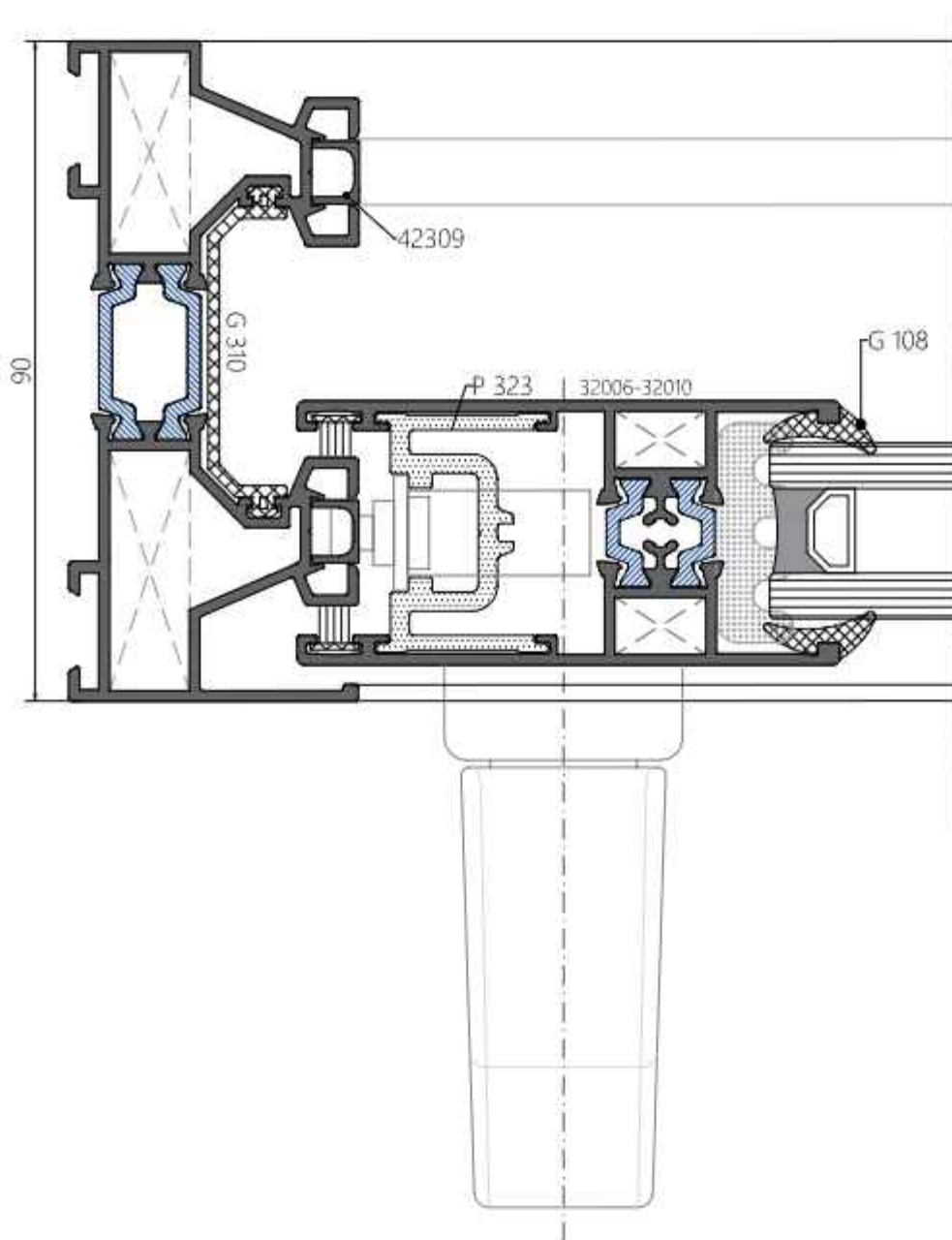
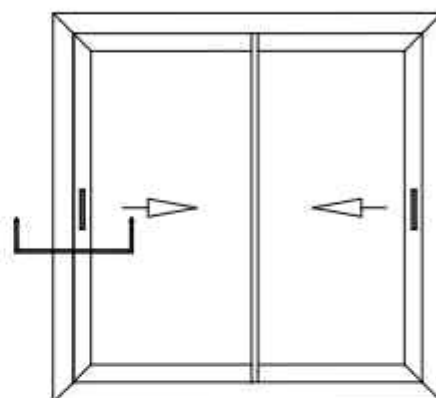


HATCH GUIDE :

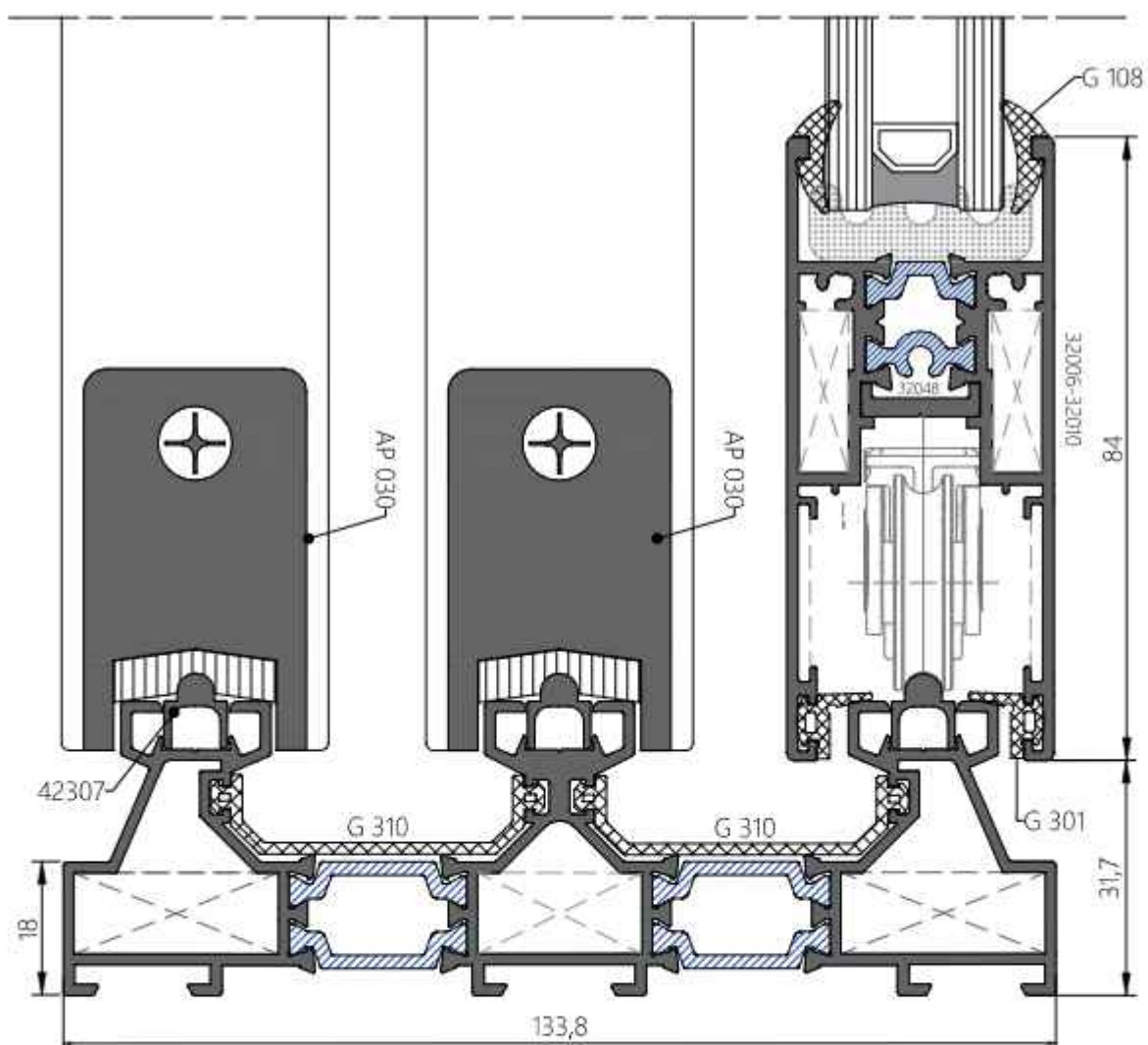
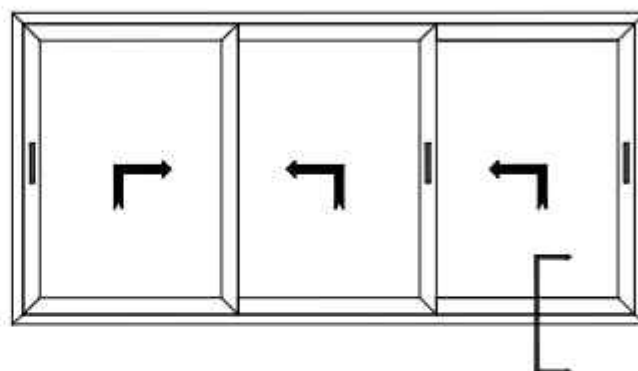
● Aluminium

 PolyAmid

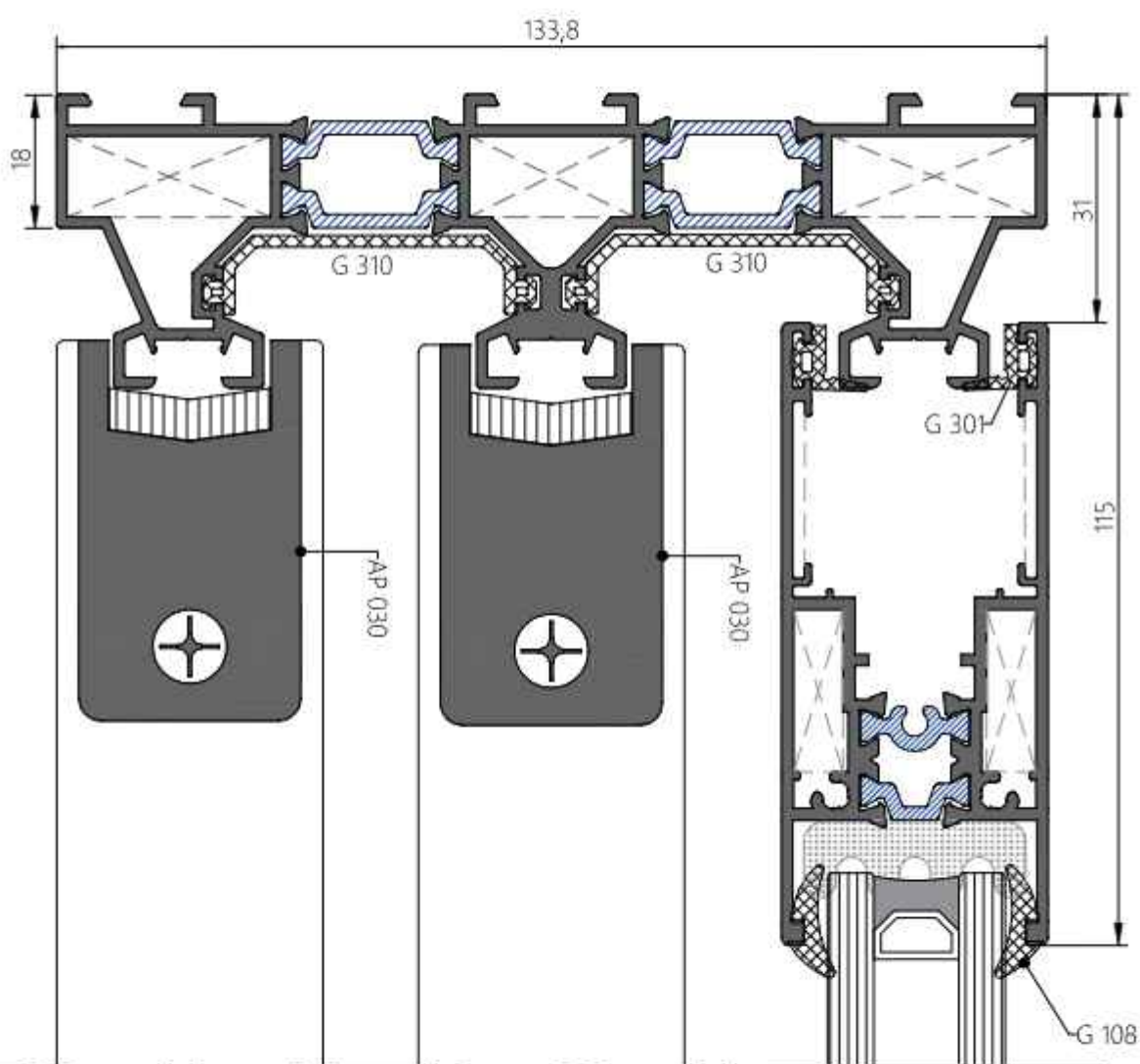
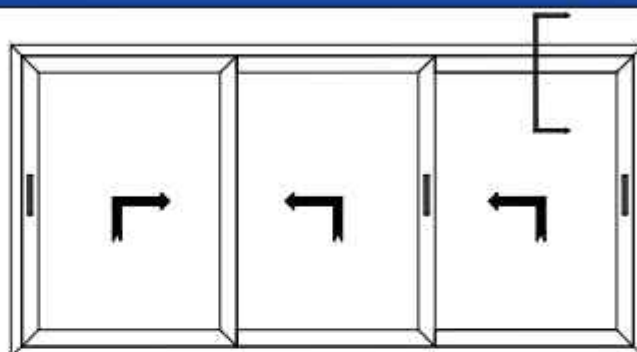
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HATCH GUIDE :  Aluminium  PolyAmid  PVC  EPDM  Sponge



HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge



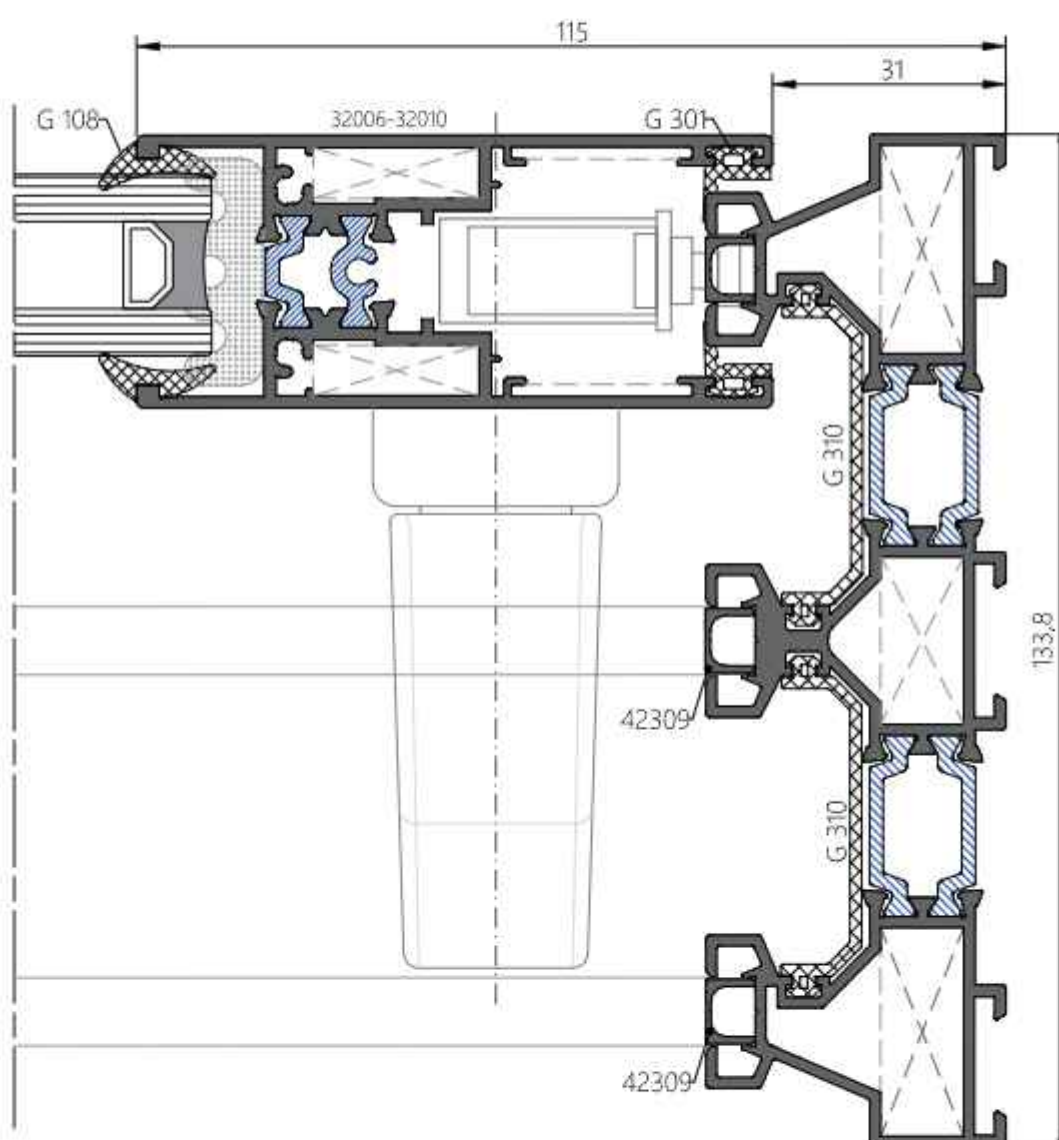
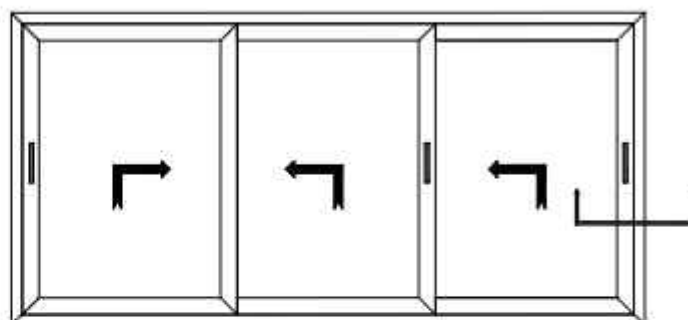
HATCH GUIDE : ● Aluminium

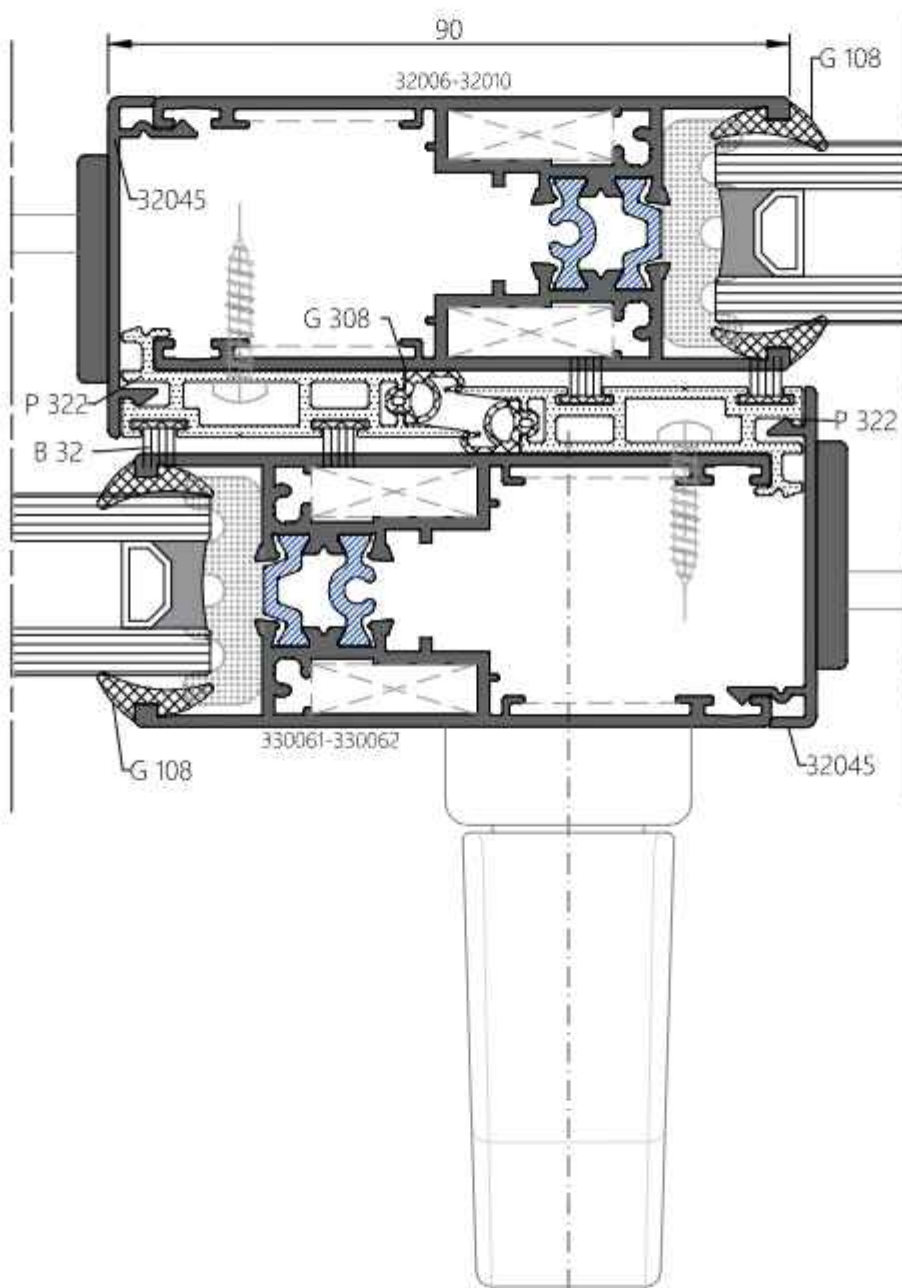
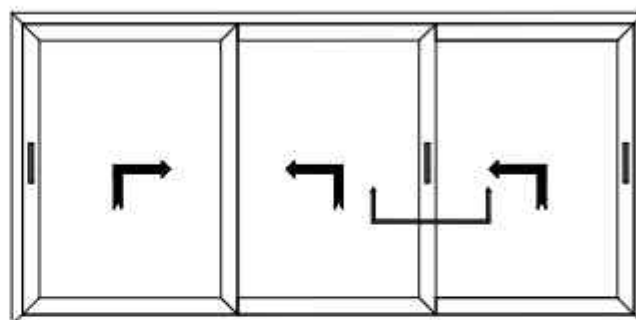
● PolyAmid

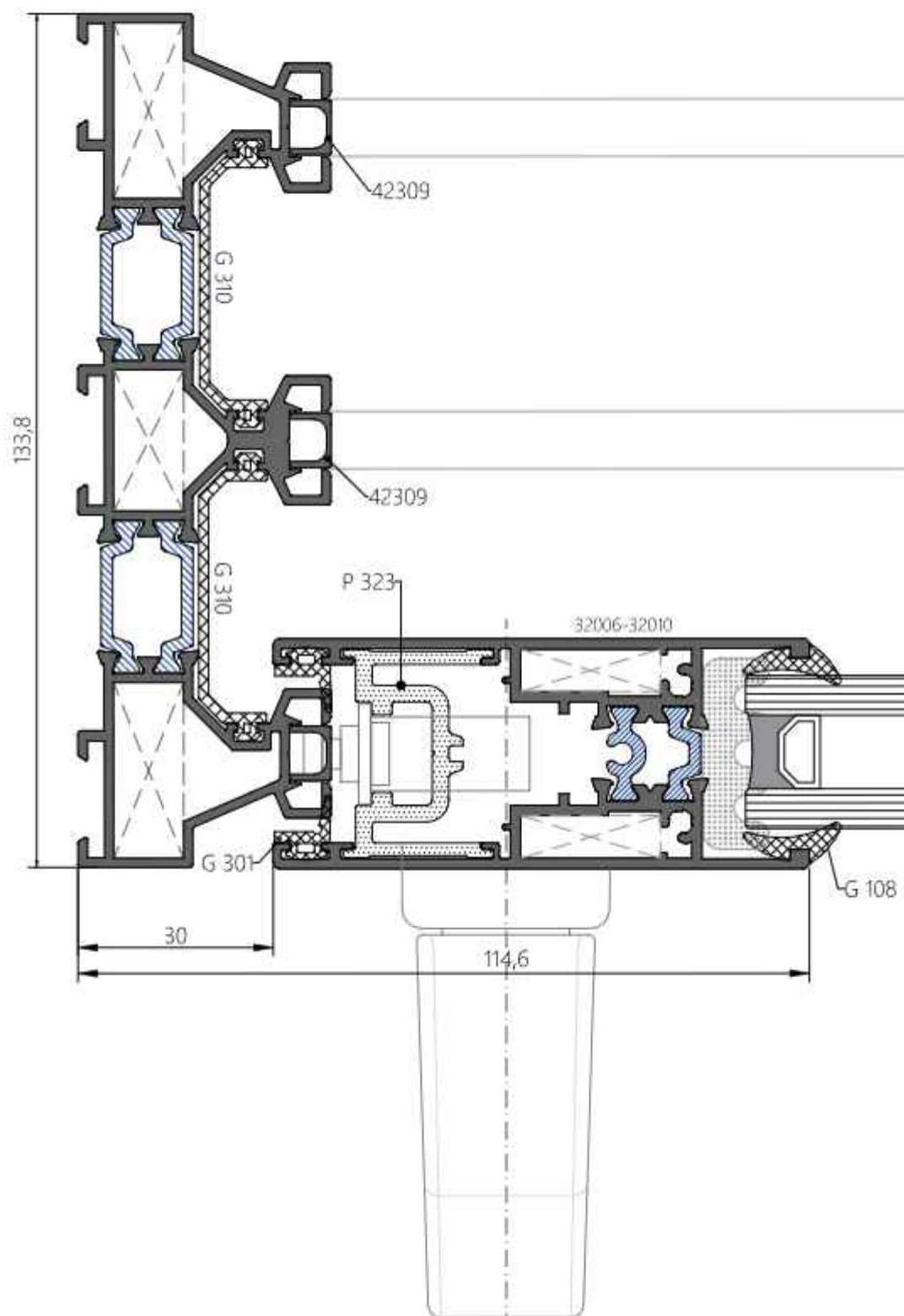
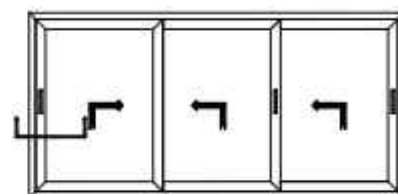
● PVC

● EPDM

● Sponge







HATCH GUIDE : ● Aluminium

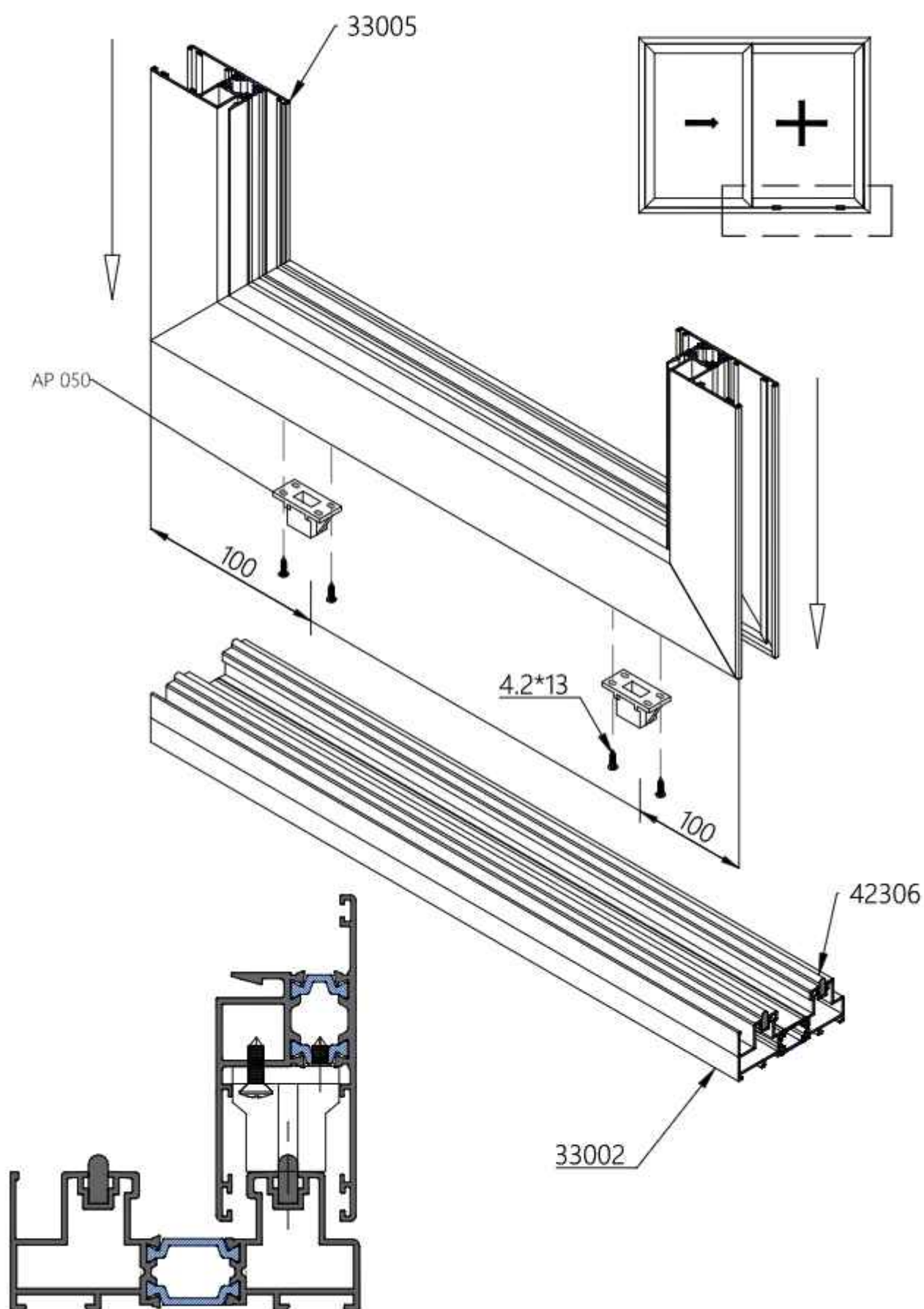
● PolyAmid

● PVC

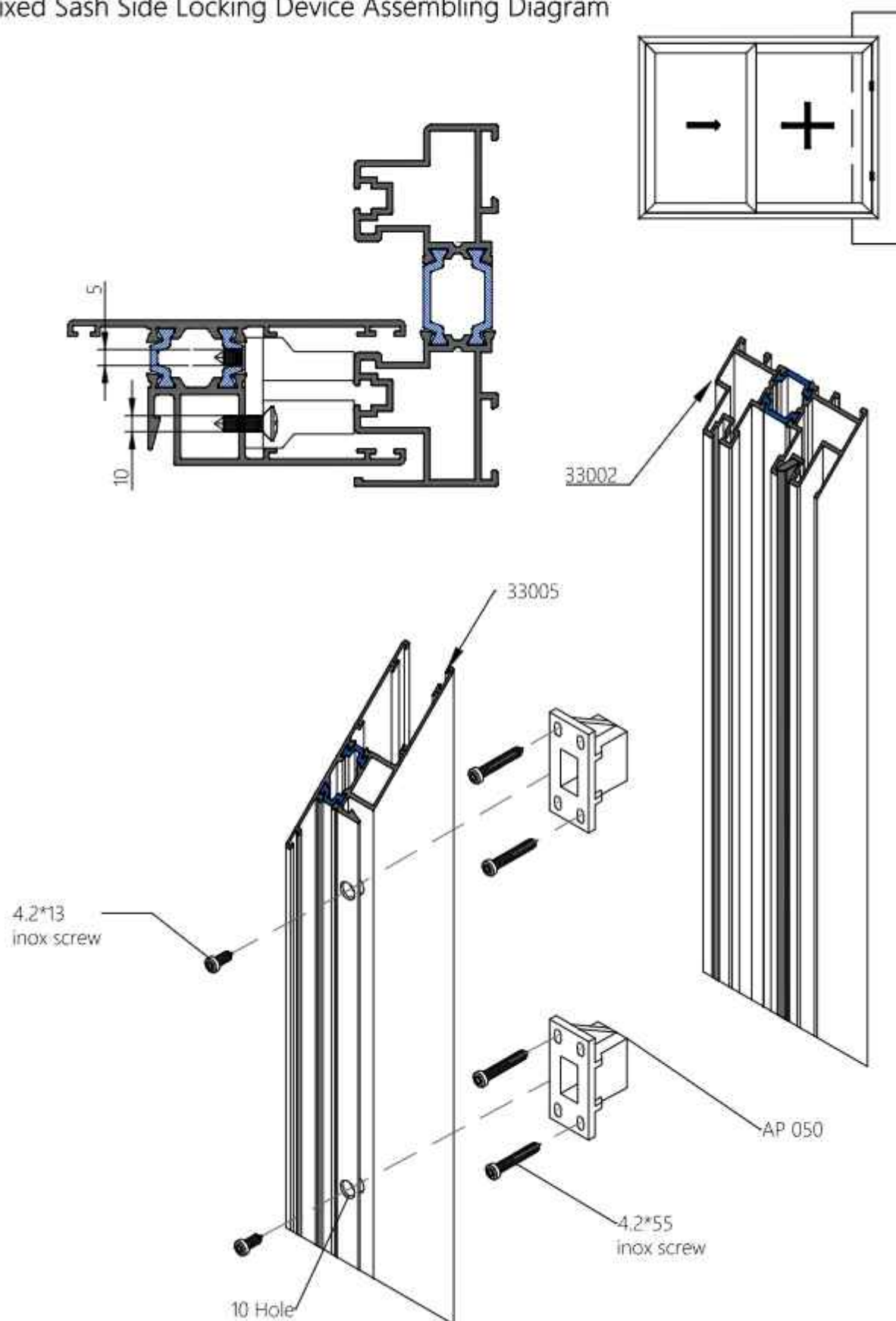
● EPDM

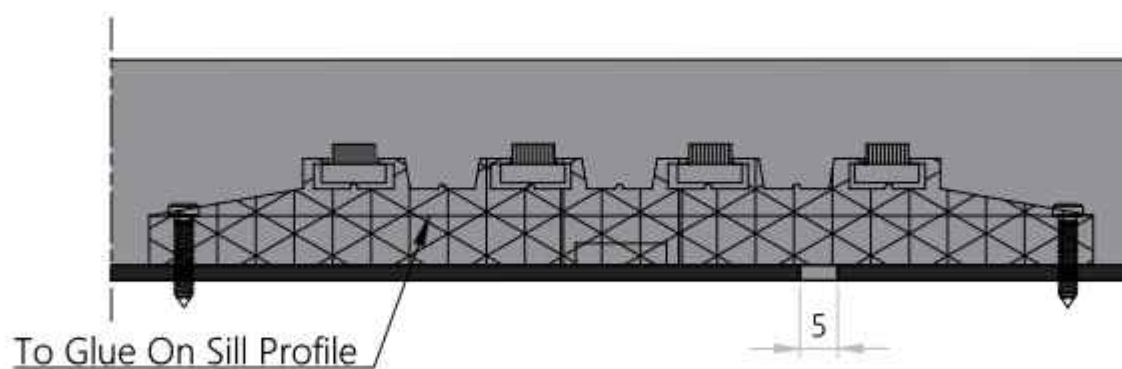
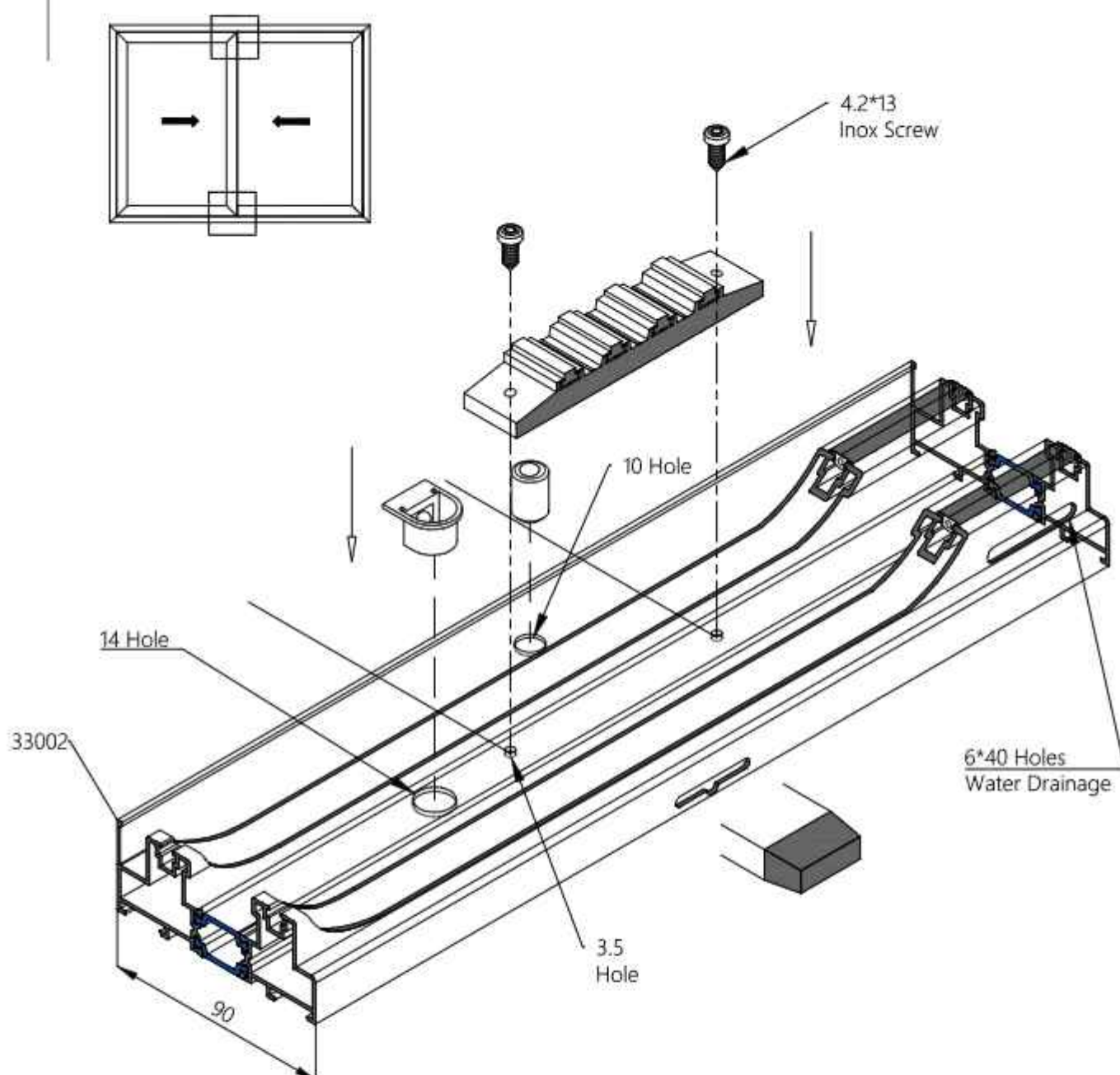
● Sponge

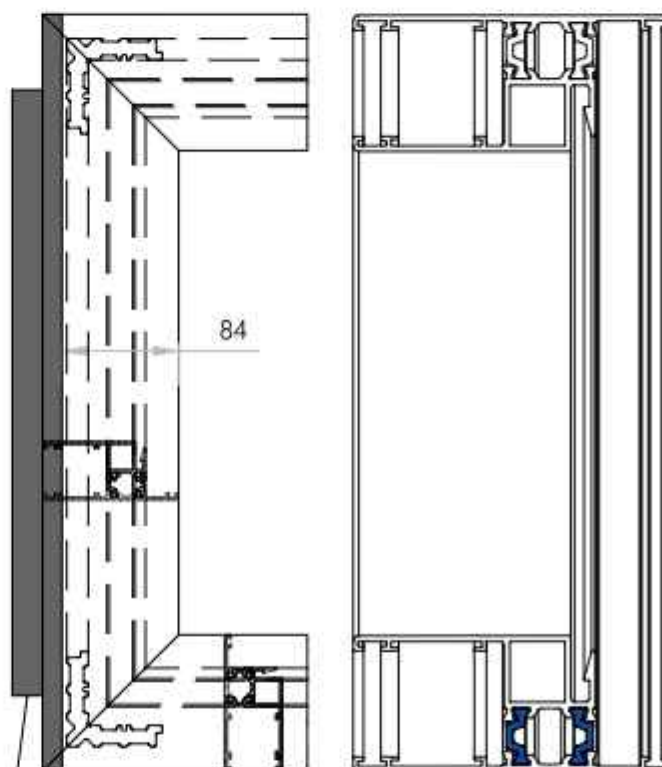
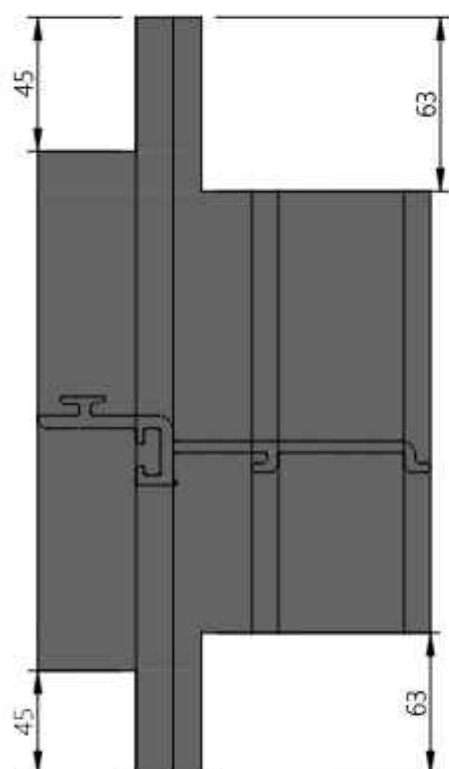
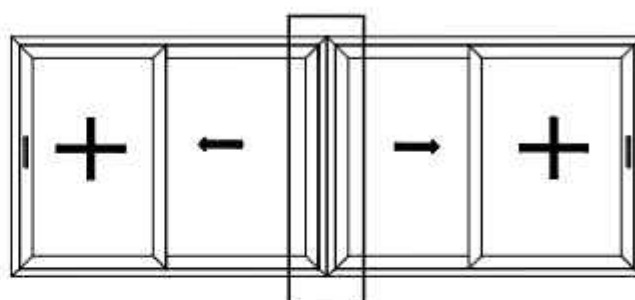
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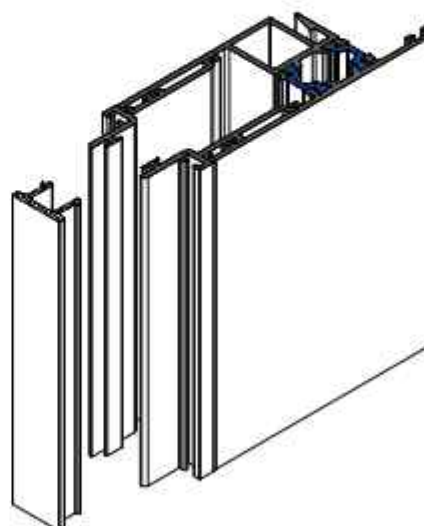
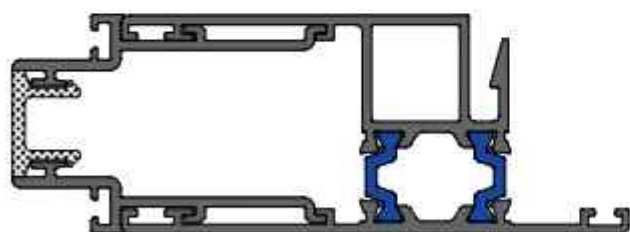
Fixed Sash Side Locking Device Assembling Diagram

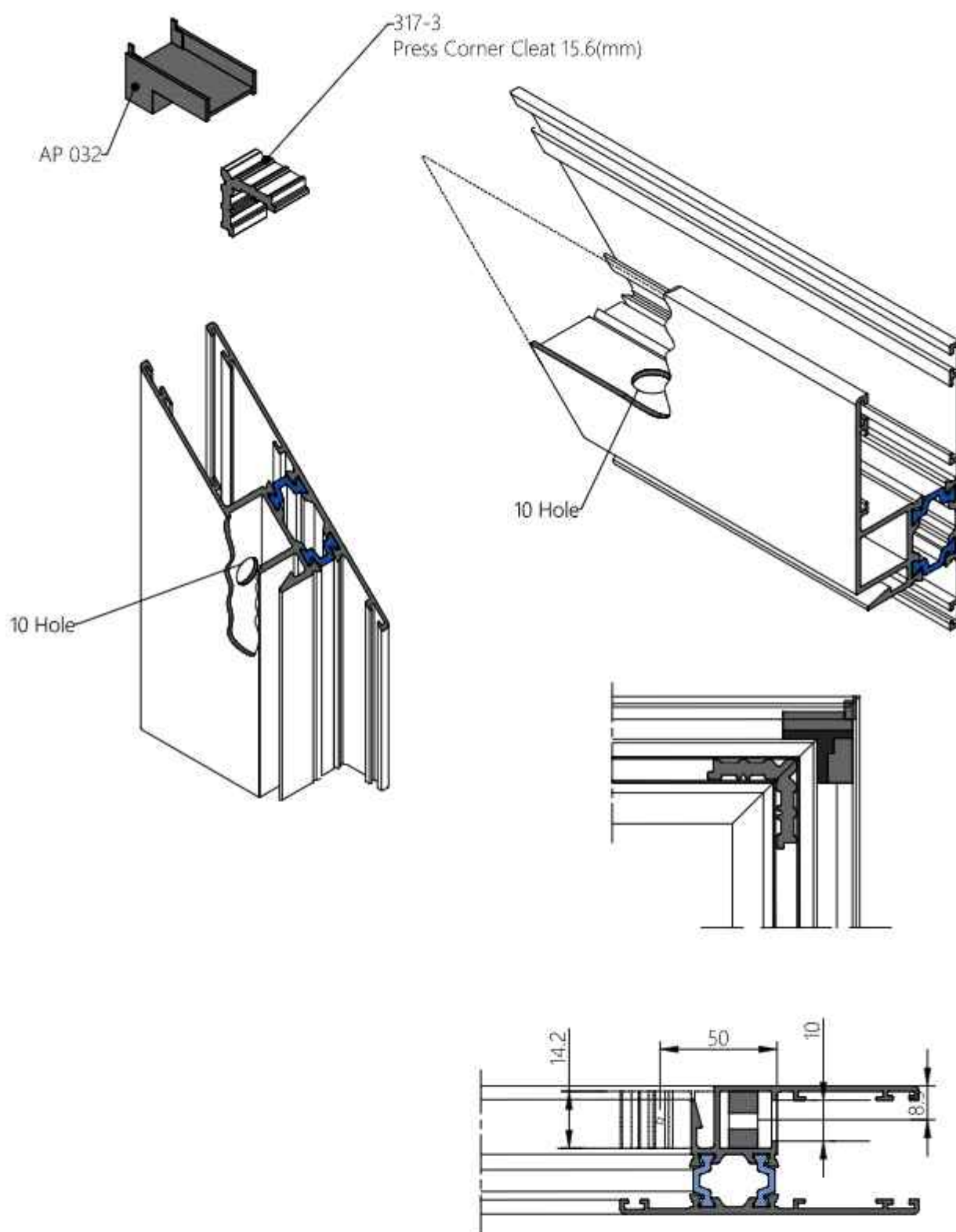






Slide To Head



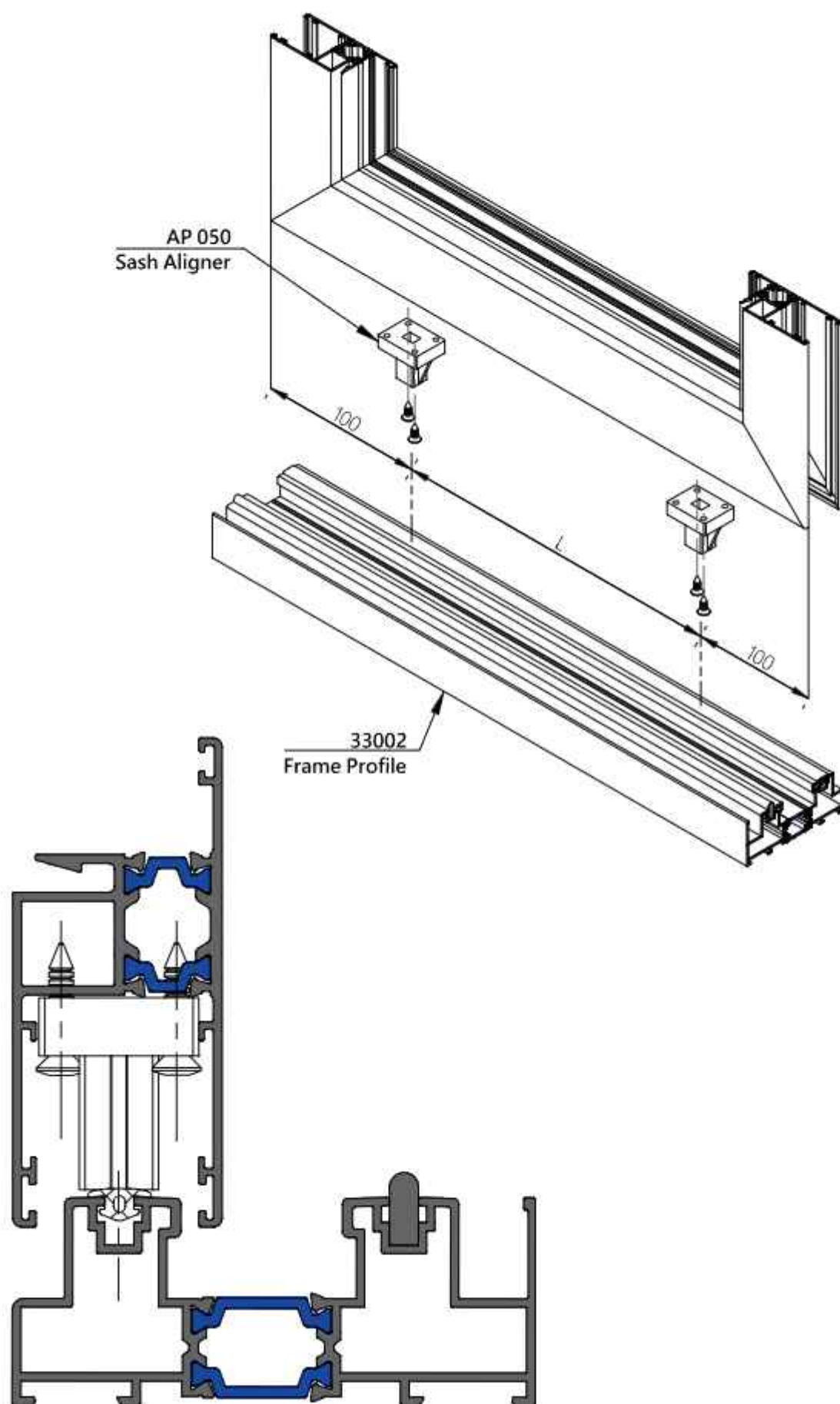


CORNER CLEAT ASSMBLEY

first corner cleat profile cleaned with grease solution.

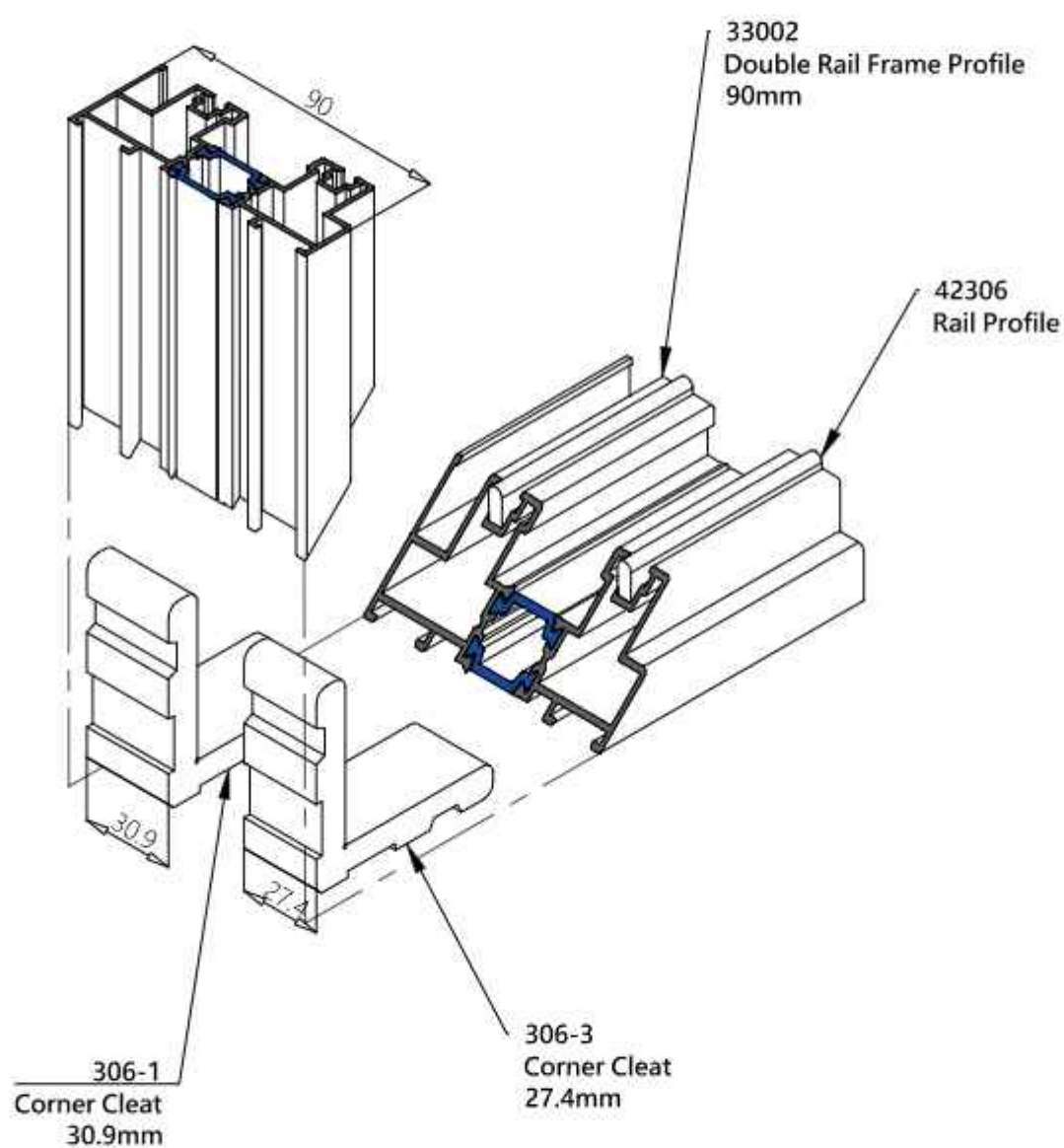
the metal glue applied to the surface of corner cleat ad profile.

the corners aligned and screwed.

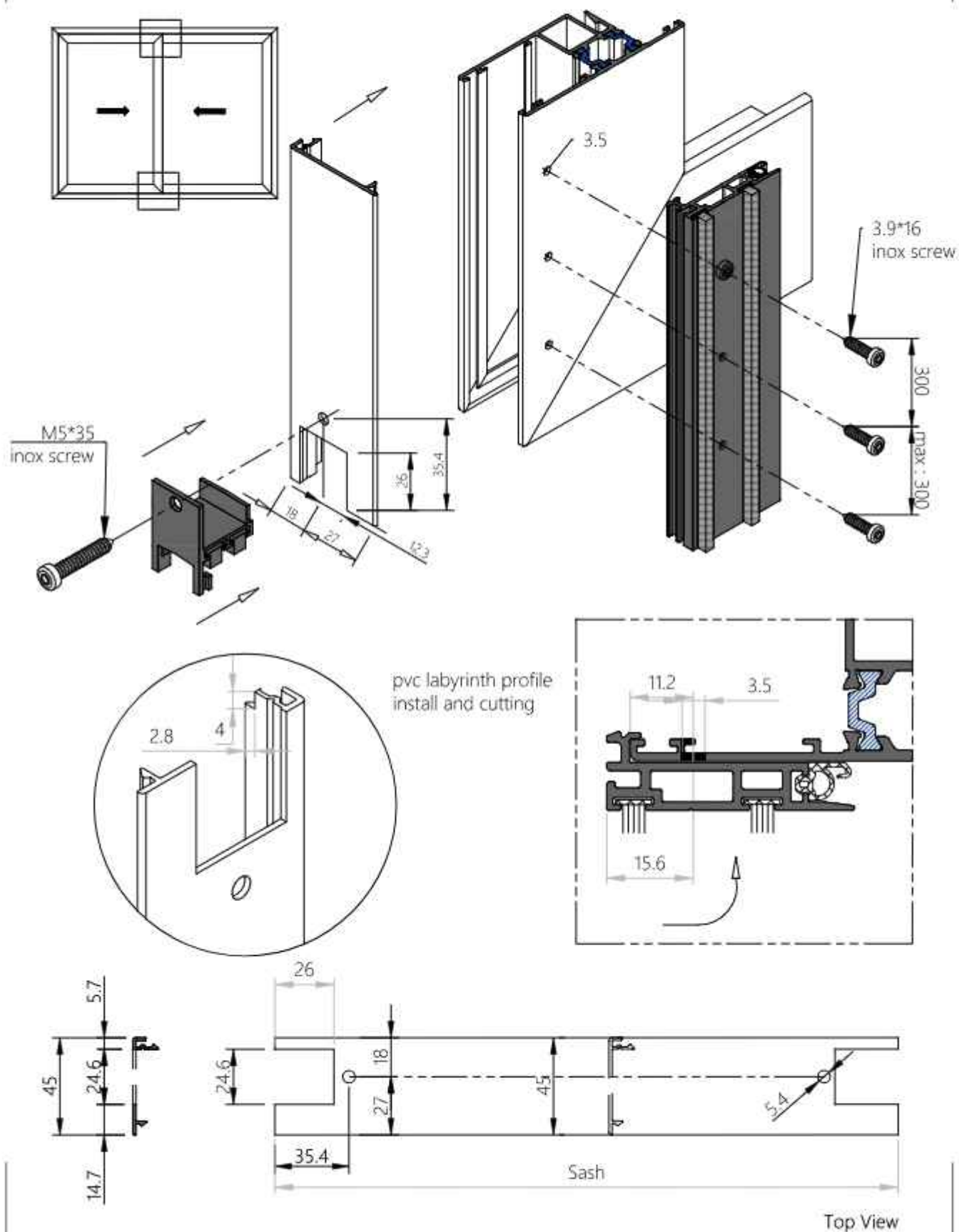


CORNER CLEAT ASSEMBLY

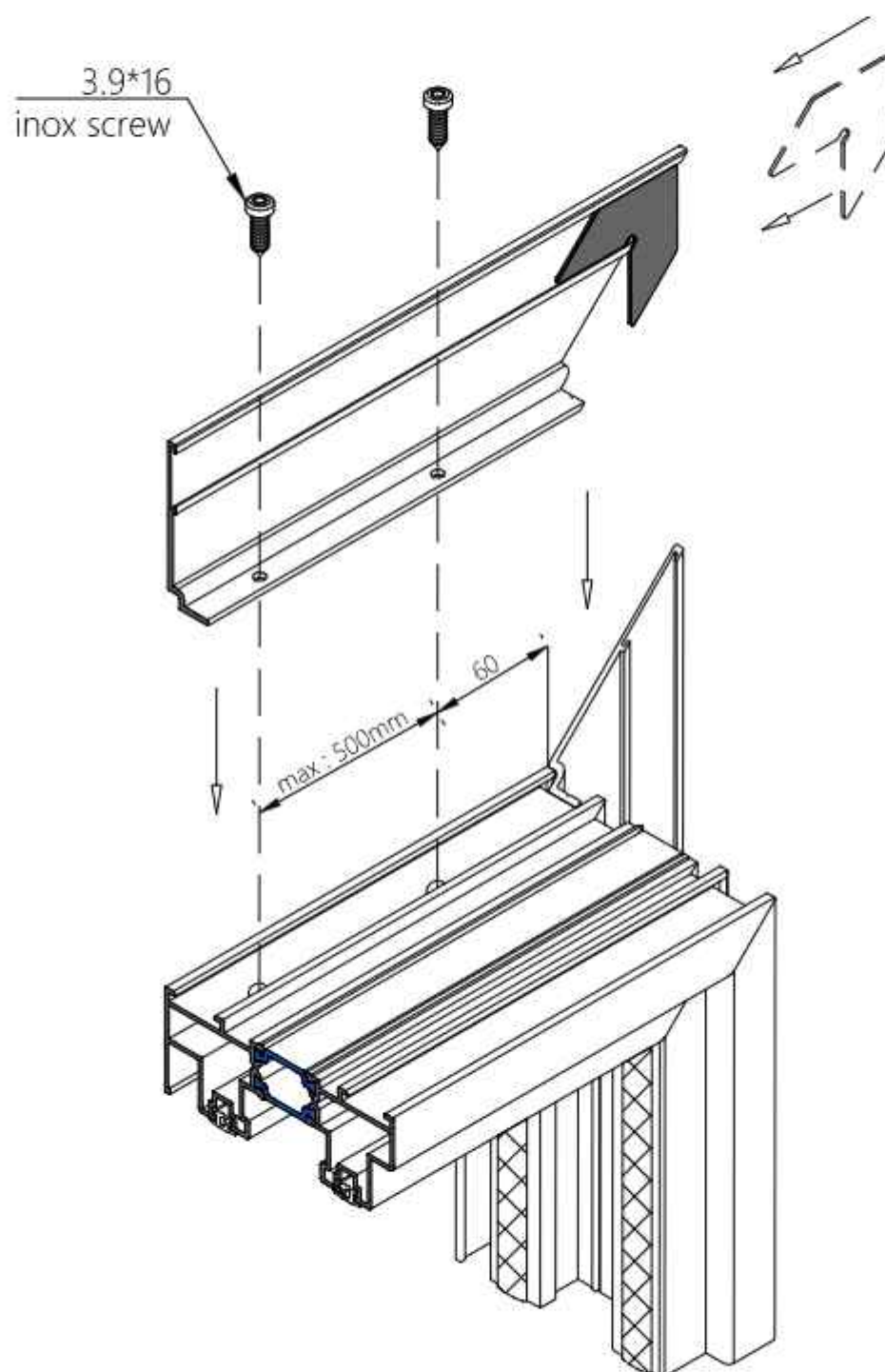
First corner cleat profile cleaned with grease solution. The metal glue applied to the surface of corner cleat and profile.



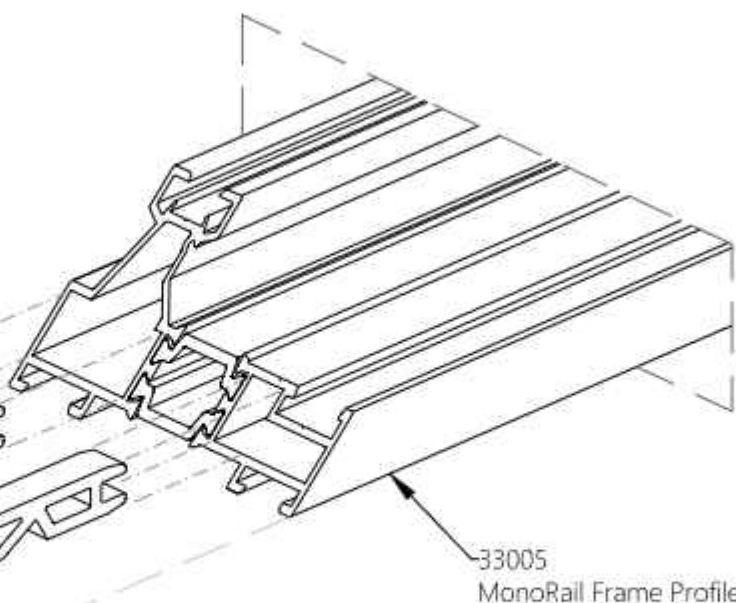
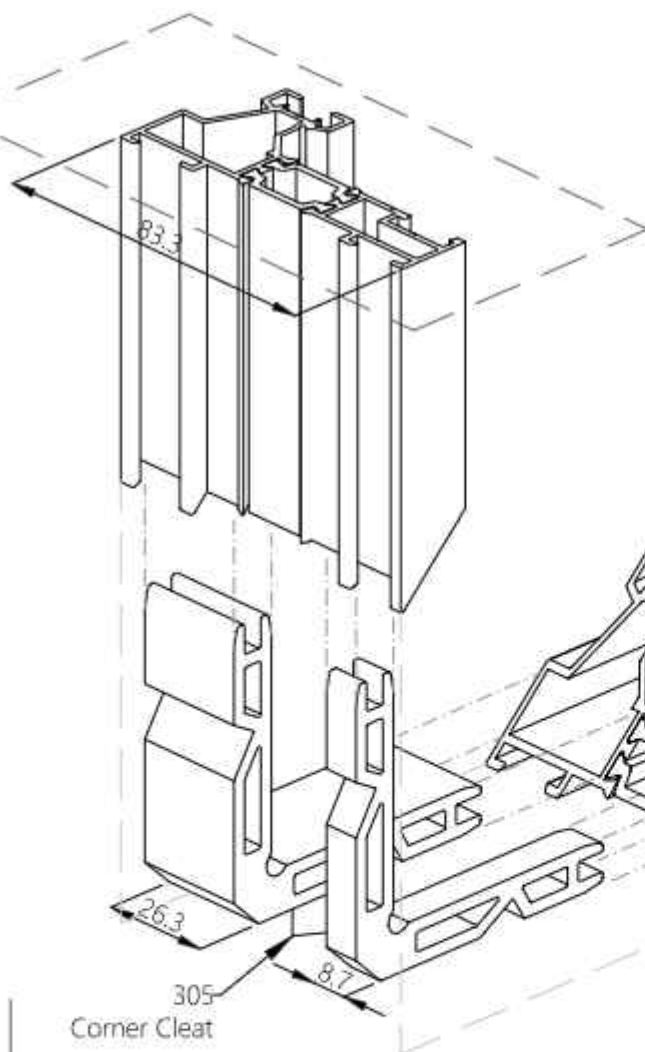
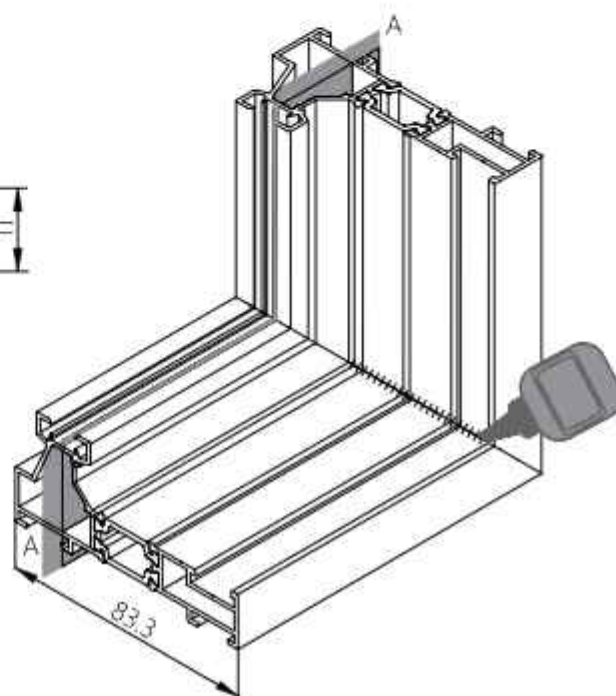
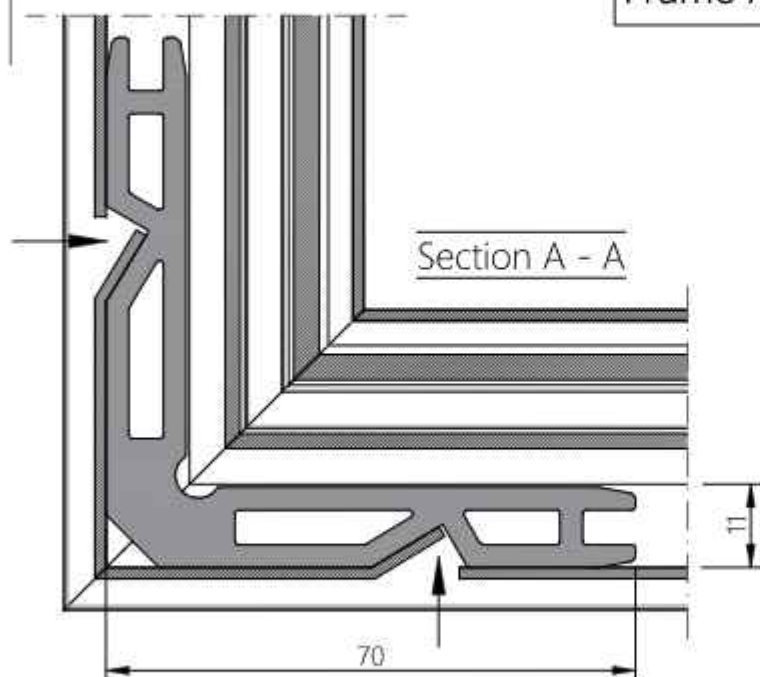
PVC LABYRINTH PROFILE ASSEMBLING DIAGRAM



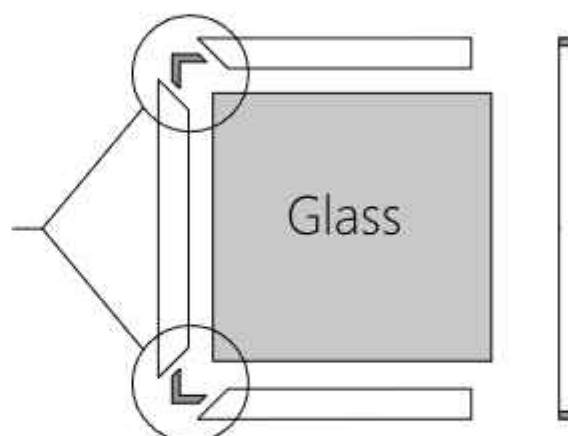
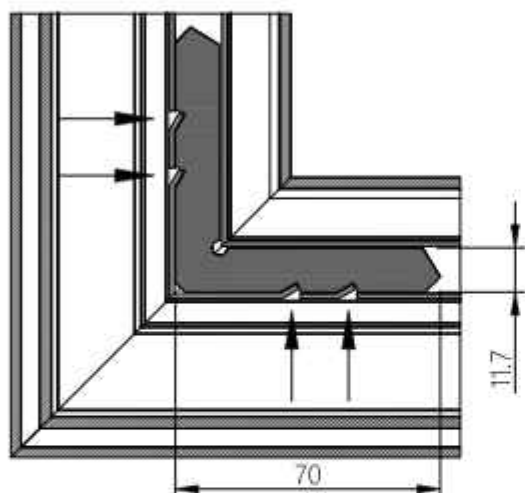
FINISHING PROFILE ASSEMBLING DIAGRAM



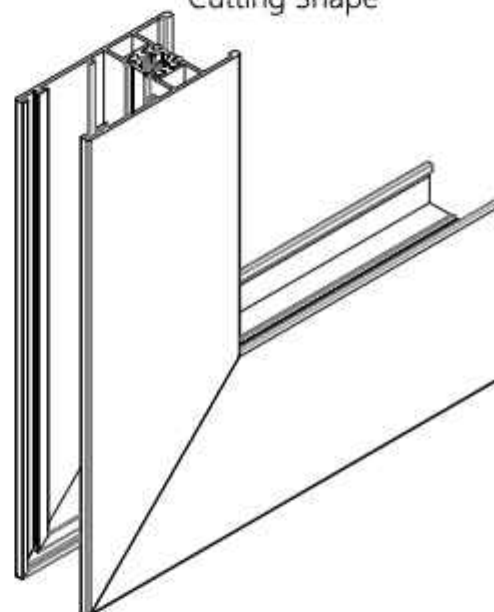
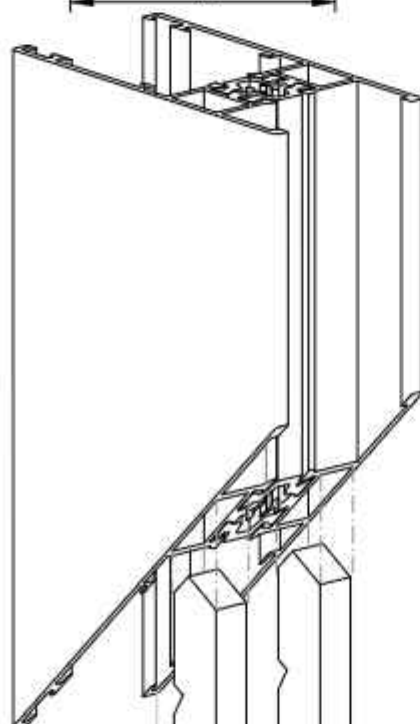
Frame Assembling With Corner Cleat



Sash Assembling



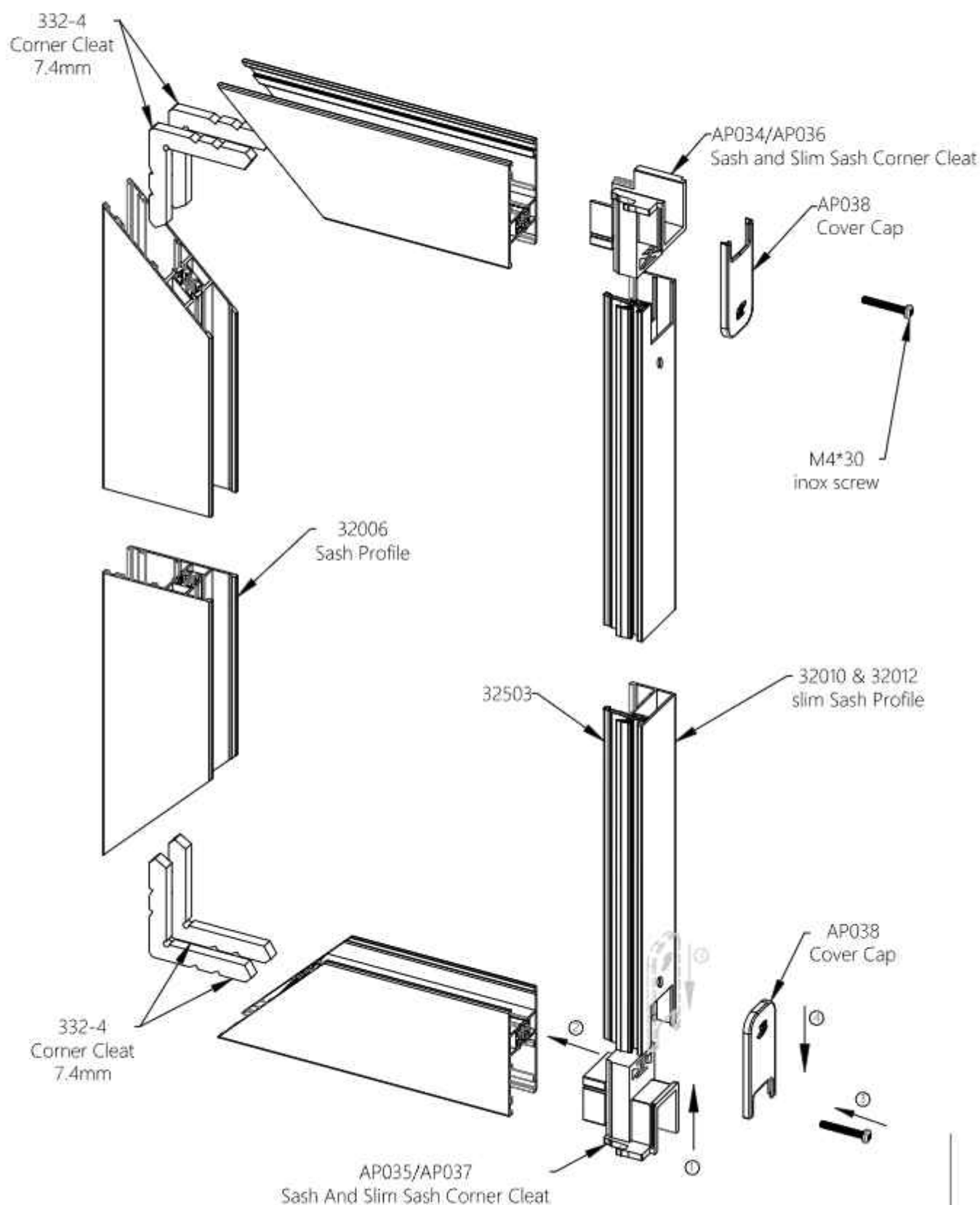
Sash Assembling
Cutting Shape

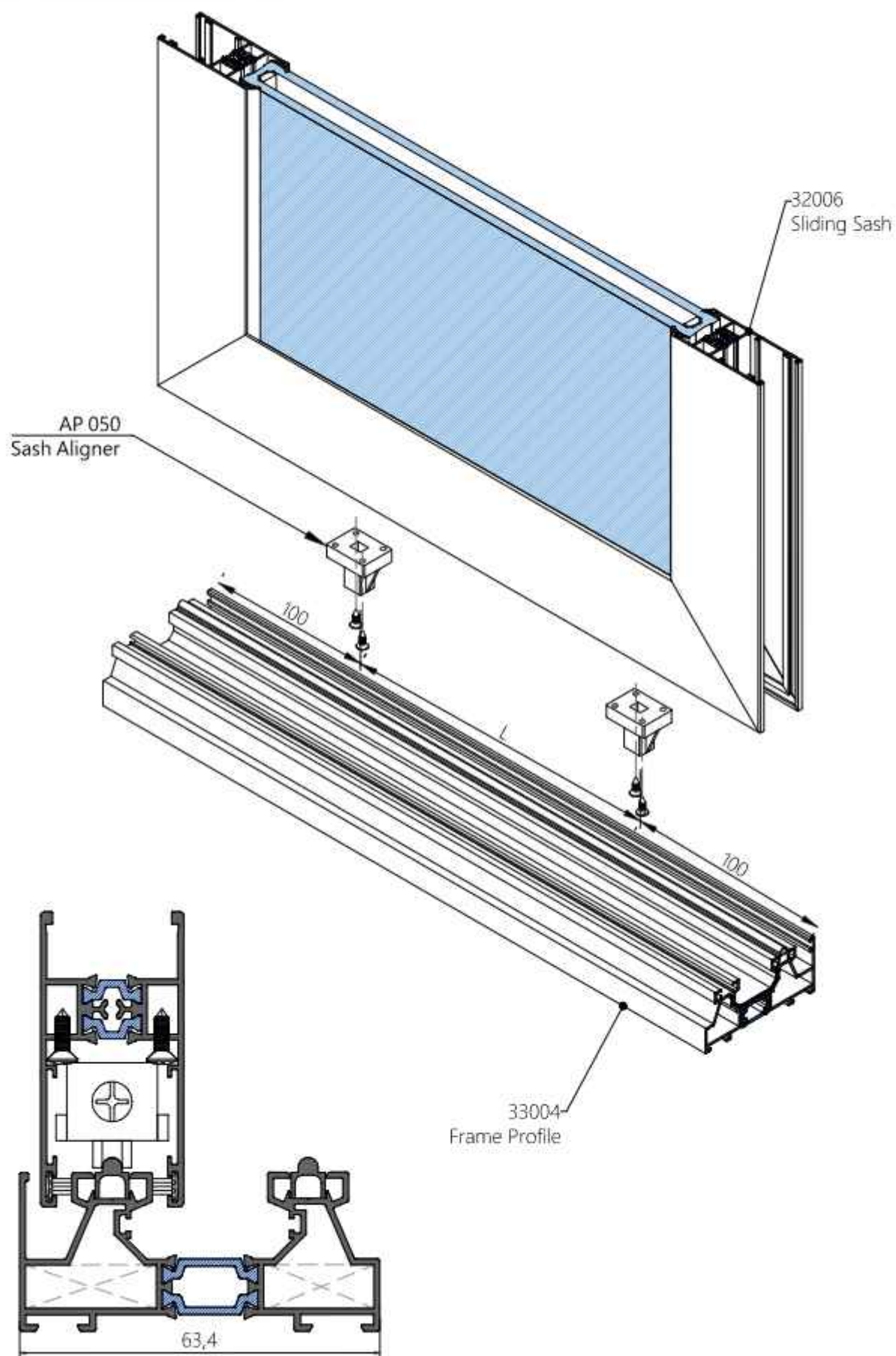


332-4
Corner Cleat 7.4mm

32006
Sliding Sash Profile

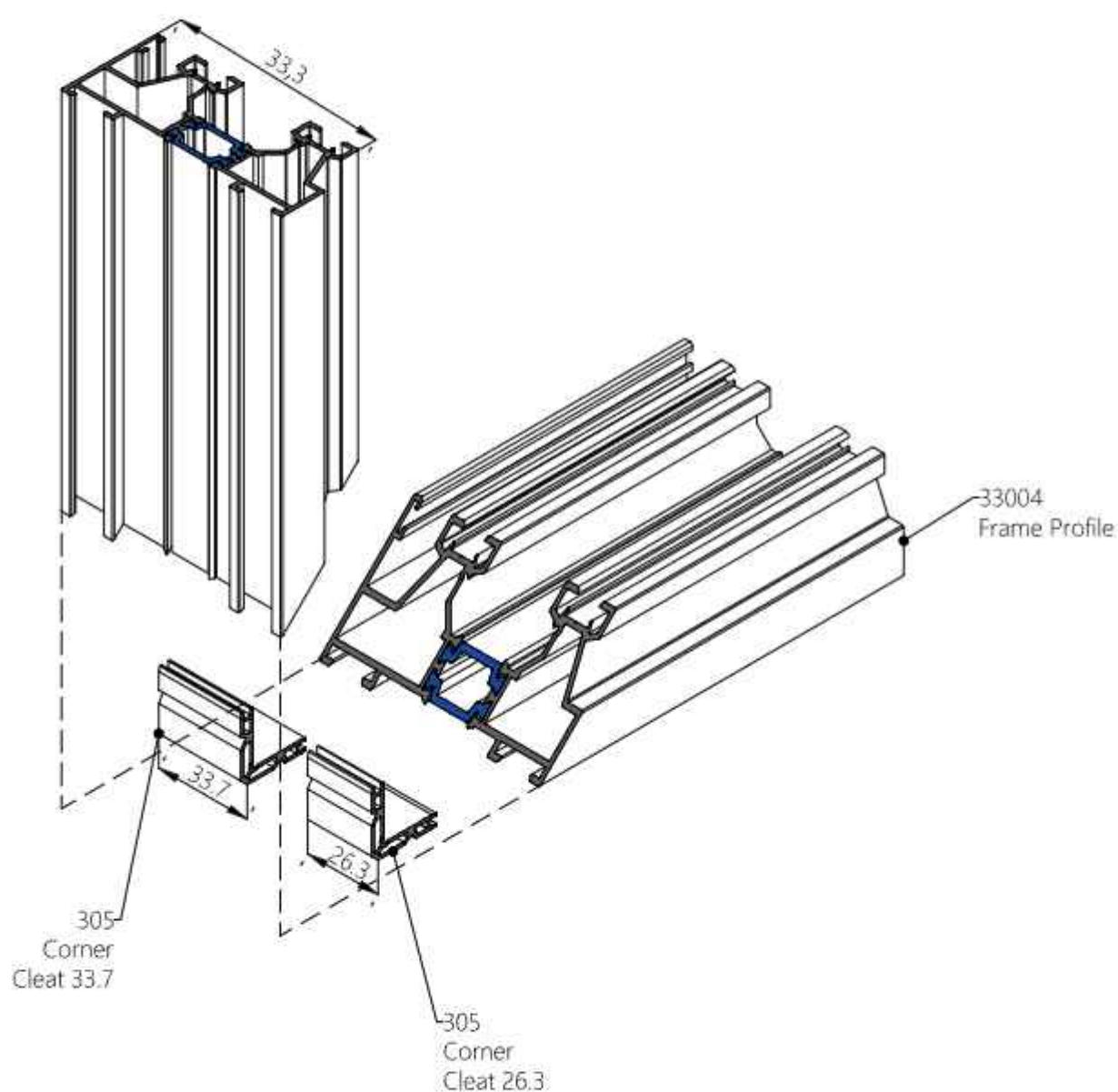
Sliding Sash Full Assembling

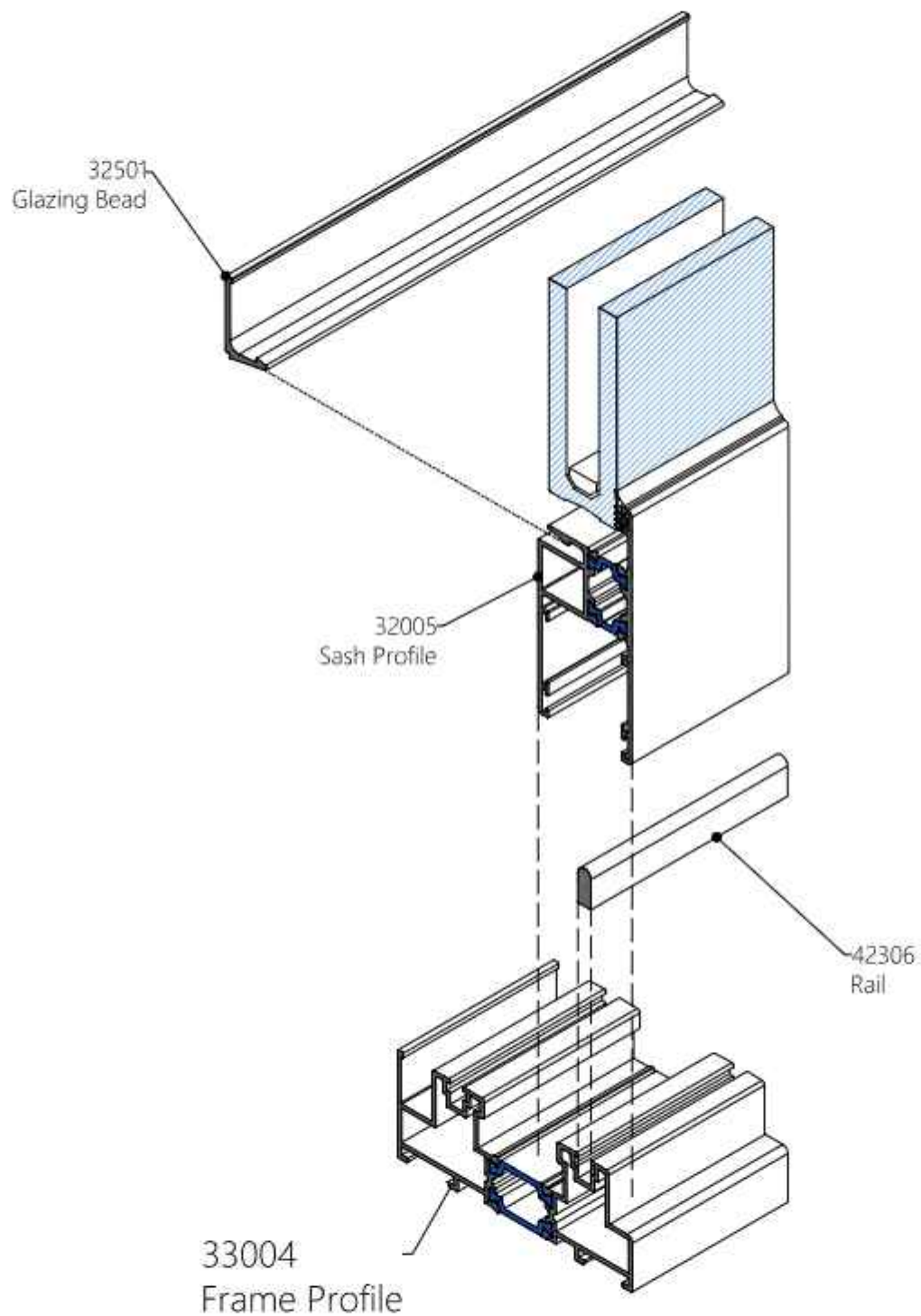


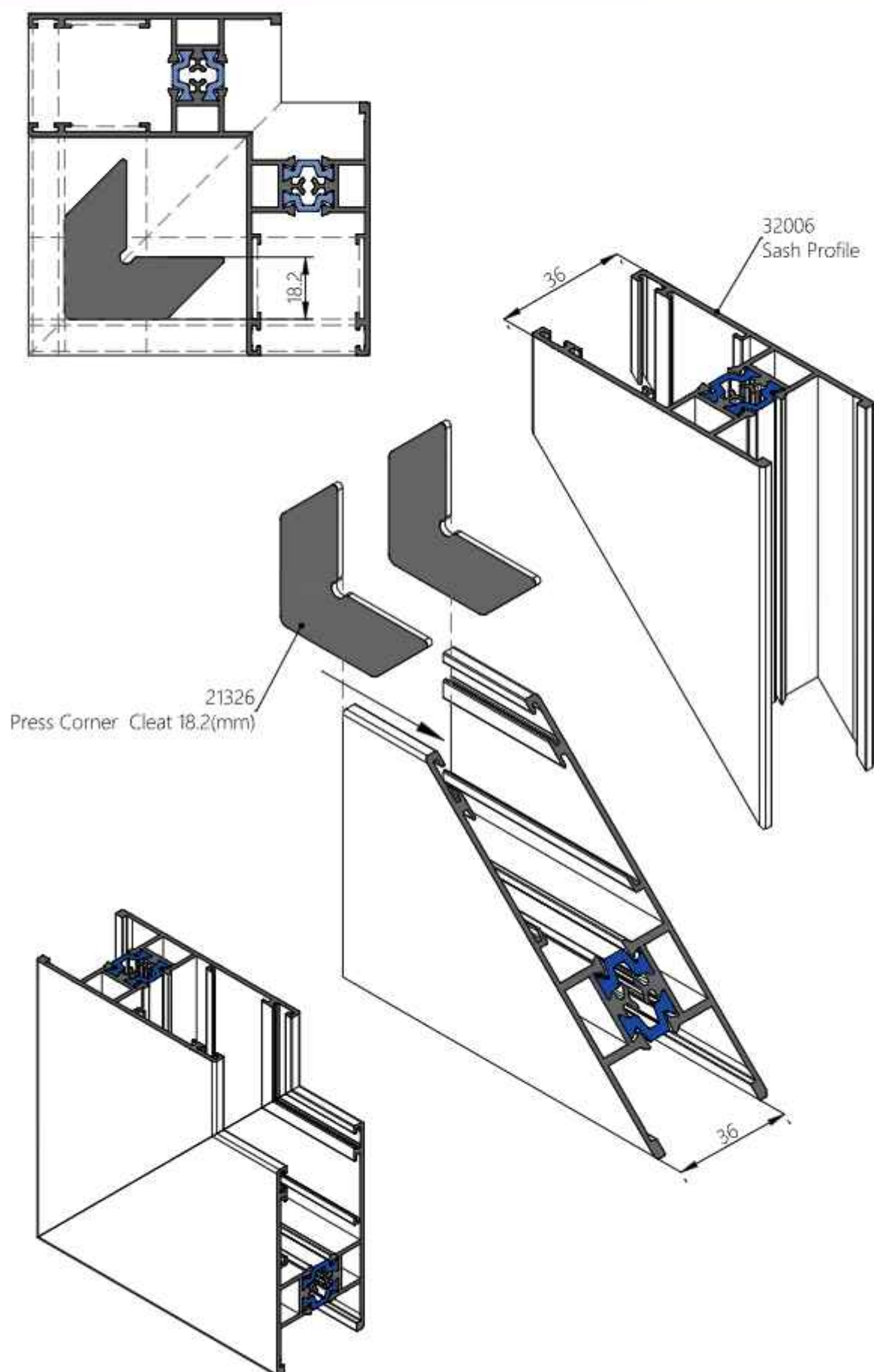


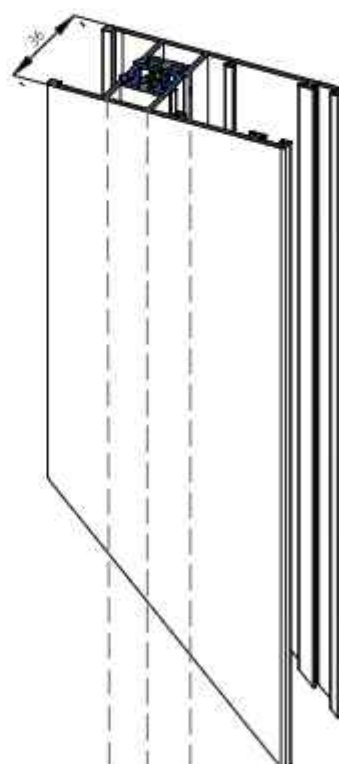
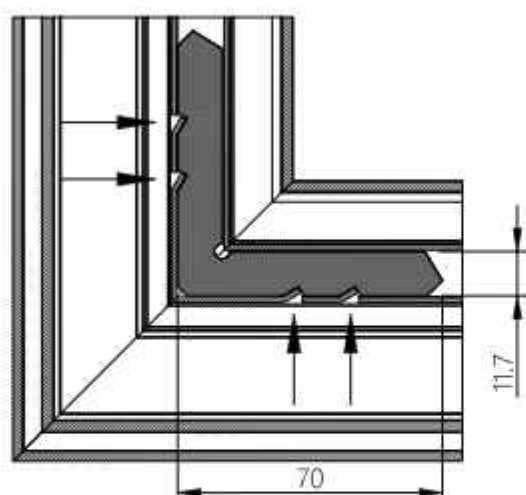
CORNER CLEAT ASSEMBLY

First corner cleat profile cleaned with grease solution. The metal glue applied to the surface of corner cleat and profile.

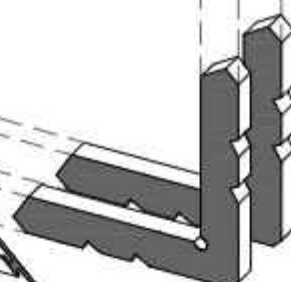
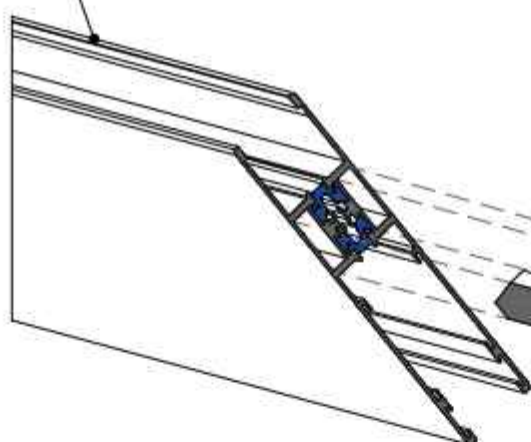








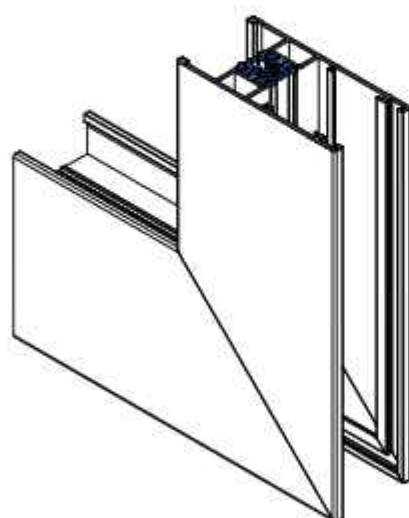
32009
Sash Profile



Press Corner Cleat 7.4(mm)



M5*35
inox screw



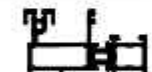
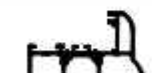
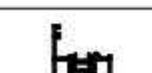
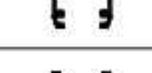
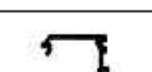
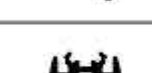
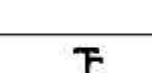
Sash Asmbling

ST 77



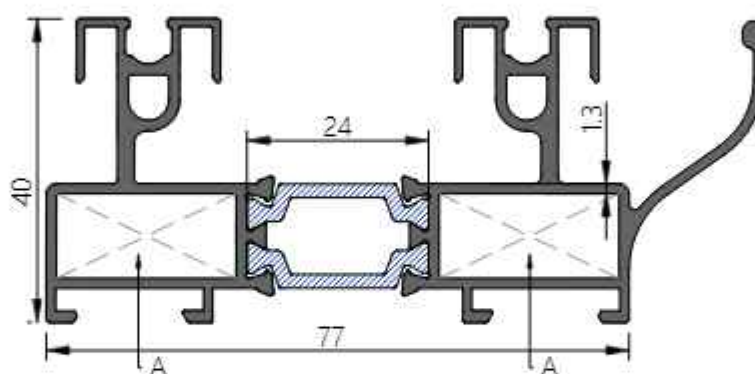
NOTE

OVERVIEW OF PROFILES

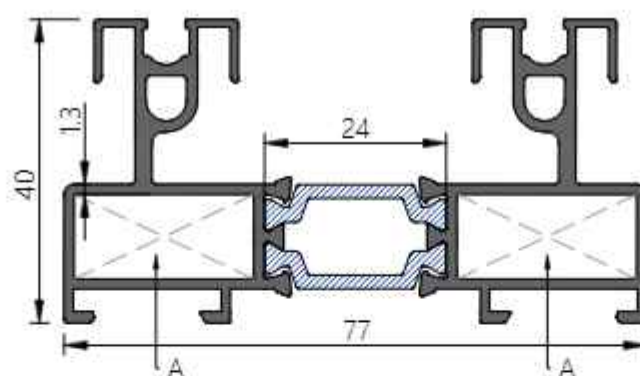
DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE <i>I_x(cm⁴) / I_y(cm⁴)</i>
	3022-3021	1.582	Frame Profile	8.38 / 43.81
	3021-3021	1.441	Frame Profile	7.84 / 31.62
	3023-3024	1.457	Frame Profile	6.59 / 34.64
	2021-2022	1.396	Frame Profile	12.24 / 29.46
	3031-3032	1.060	sash profile	12.67 - 7.34
	3031- 3031	1.150	Sash Profile	14.52 / 9.08
	3047-3048	1.100	Mullion profile	6.92 / 9.11
	3045-3046	0.955	Mullion Profile	5.75 / 7.67
	3056	0.300	Cover Sash	1.09 / 4.37
	3060-3060	0.910	Sash Adjoining Profile	1.28 - 7.46
	12955	0.560	Graid Vent	8.11 / 0.79
	11871	0.390	Graid Vent	2.65 / 0.64
	2055	0.295	Glazing Bead	/

OVERVIEW OF PROFILES

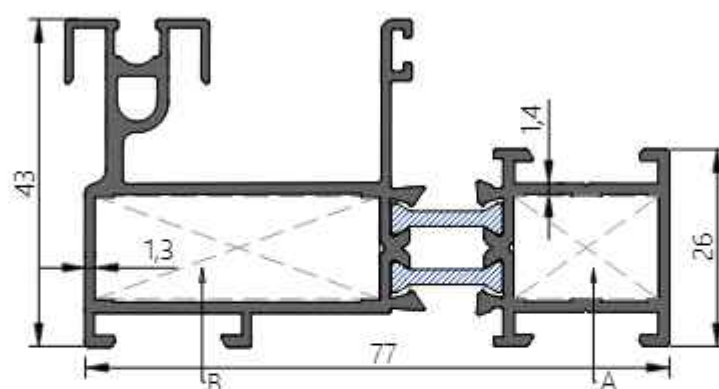
DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE $J_x(\text{cm}^4)$ / $J_y(\text{cm}^4)$
	3055	0.113	Glazing Bead	/
	3057	0.170	Rail Profile	/
	3058	0.614	Cover mullion	2.88 / 8.12
	3059	0.295	Cover Frame	0.81 / 3.66
	21501	0.250	Glazing Bead	/



Profile Name	Profile Code	Weight (Kg/m)	Corner Cleat	A
Frame Profile	3022-3021	1.582		306-15 23.4mm

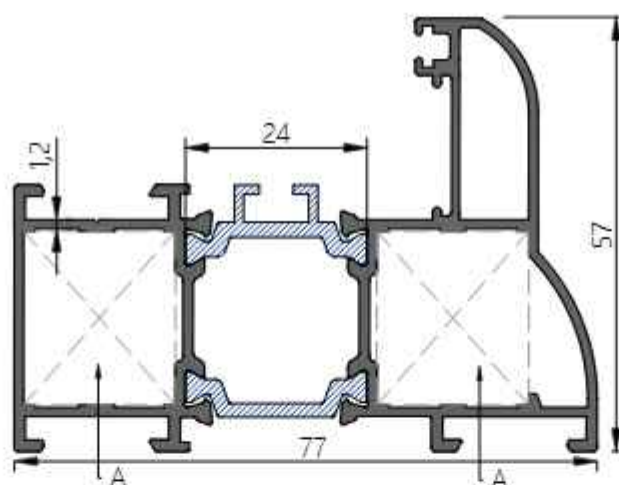


Profile Name	Profile Code	Weight (Kg/m)	Corner Cleat	A
Frame Profile	3021-3021	1.441		306-15 23.4mm



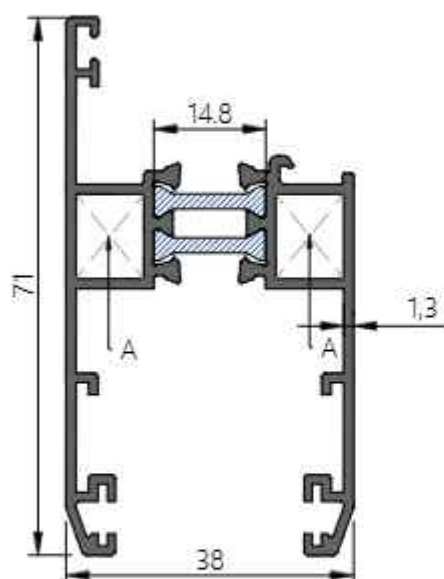
Profile Name	Profile Code	Weight (Kg/m)
Frame Profile	3023-3024	1.457

Corner Cleat	A	B
	308-13 18.8mm	308-22 37.3mm



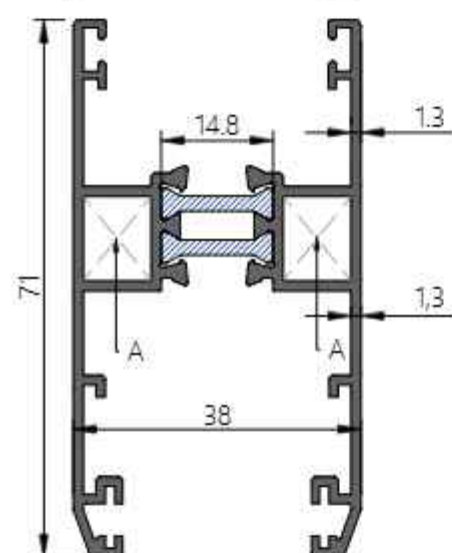
Profile Name	Profile Code	Weight (Kg/m)
Frame Profile	2021-2022	1.396

Corner Cleat	A
	319-4 19.7mm



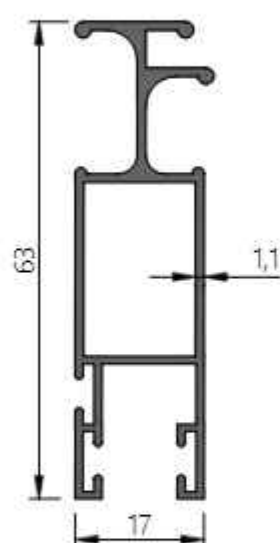
Profile Name	Profile Code	Weight (Kg/m)
Sash Profile	3031-3032	1.060

Corner Cleat	A
	306-13 8.6mm

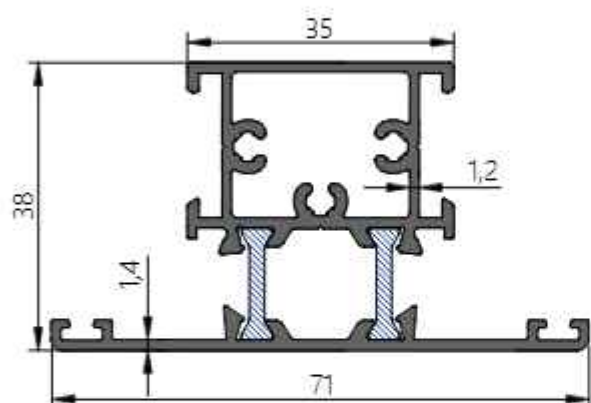


Profile Name	Profile Code	Weight (Kg/m)
Sash Profile	3031-3031	1.150

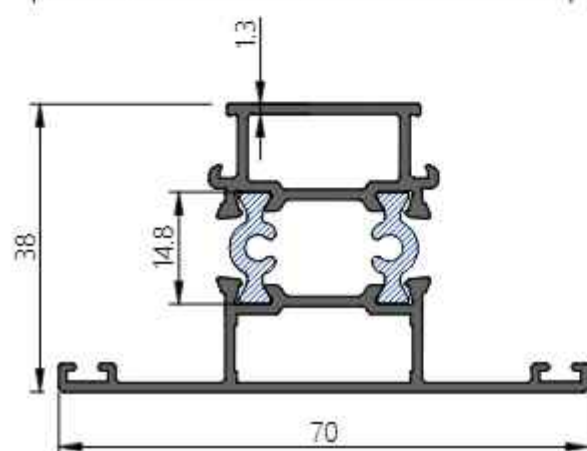
Corner Cleat	A
	306-13 8.6mm



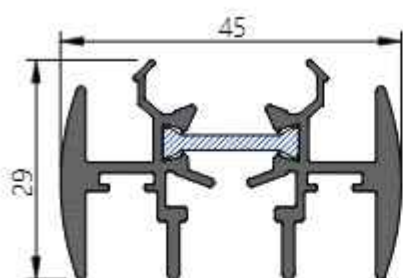
Profile Name	Profile Code	Weight (Kg/m)
Grid Vent	12955	0.560



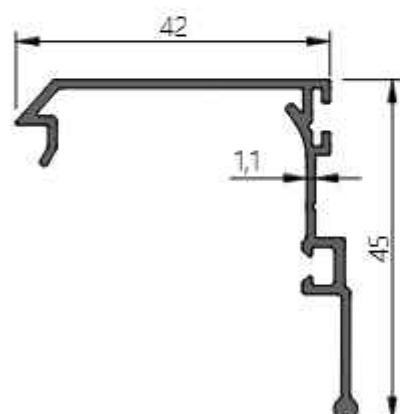
Profile Name	Profile Code	Weight (Kg/m)
Mullion Profile	3047-3048	1.100



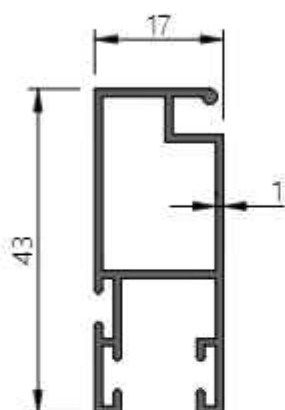
Profile Name	Profile Code	Weight (Kg/m)
Mullion Profile	3045-3046	0.955



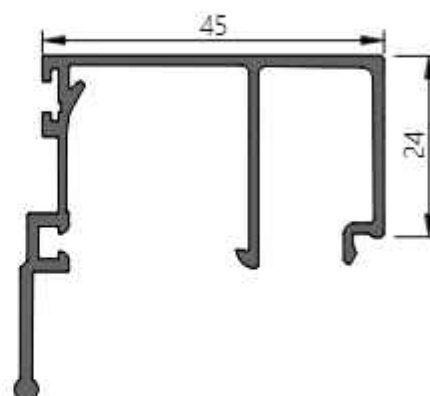
Profile Name	Profile Code	Weight (Kg/m)
Sash Adjoining Profile	3060	0.910



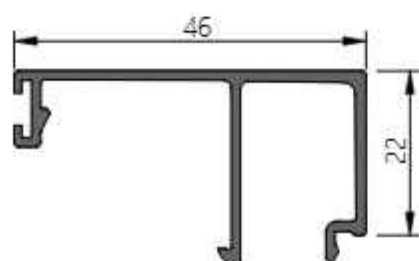
Profile Name	Profile Code	Weight (Kg/m)
Cover Sash	3056	0.300



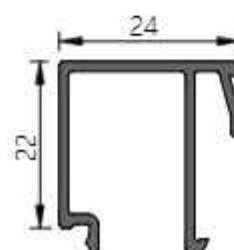
Profile Name	Profile Code	Weight (Kg/m)
Grid Vent	11871	0.390



Profile Name	Profile Code	Weight (Kg/m)
Cover Mullion	3058	0.614



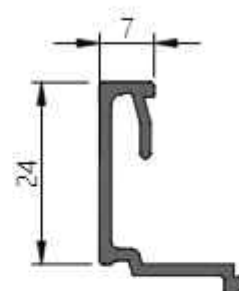
Profile Name	Profile Code	Weight (Kg/m)
Cover Frame	3059	0.295



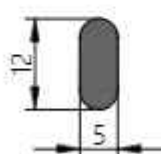
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	2055	0.295



Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	3055	0.113

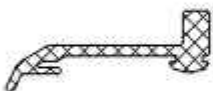


Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21501	0.250

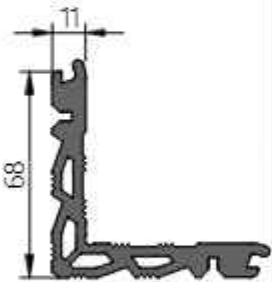
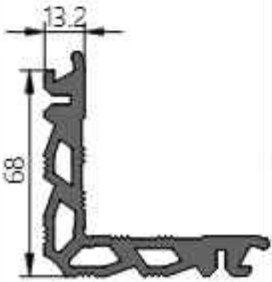
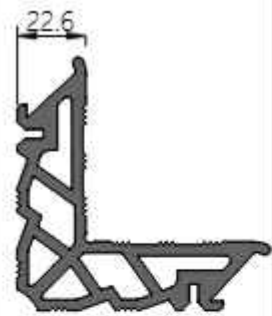


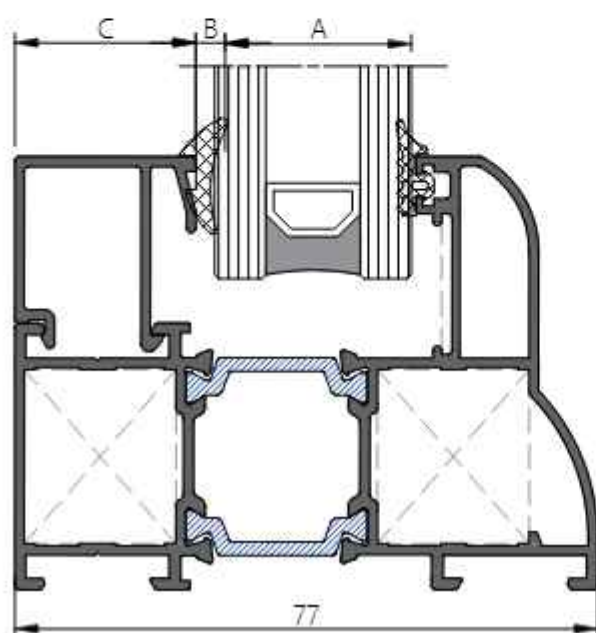
Profile Name	Profile Code	Weight (Kg/m)
Rail Profile	3057	0.170

ACCESSORIES

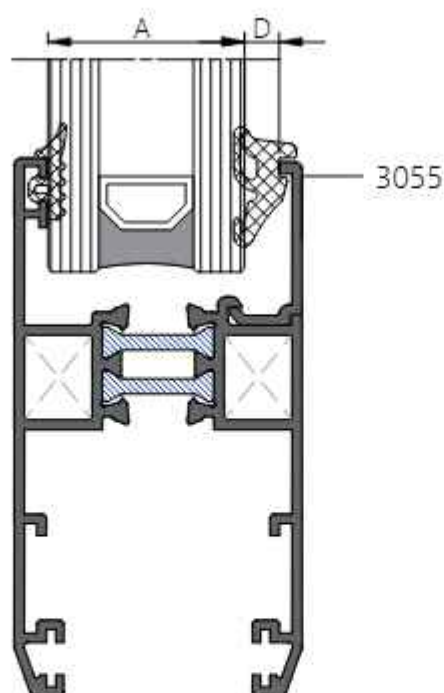
Drawing	Code	Description	Material
	G 309	Glazing Gasket	EPDM
	B 32	Brush Gasket	EPDM
	G 108	Interior Glazing Gasket 2mm	EPDM
	G 201	Interior Glazing Gasket 4mm	EPDM
	G 202	Interior Glazing Gasket 6mm	EPDM
	G 203	Interior Glazing Gasket 8mm	EPDM
	G 330	* Sash To Sash Gasket	EPDM
	G 305	Interior Gasket	EPDM

ACCESSORIES

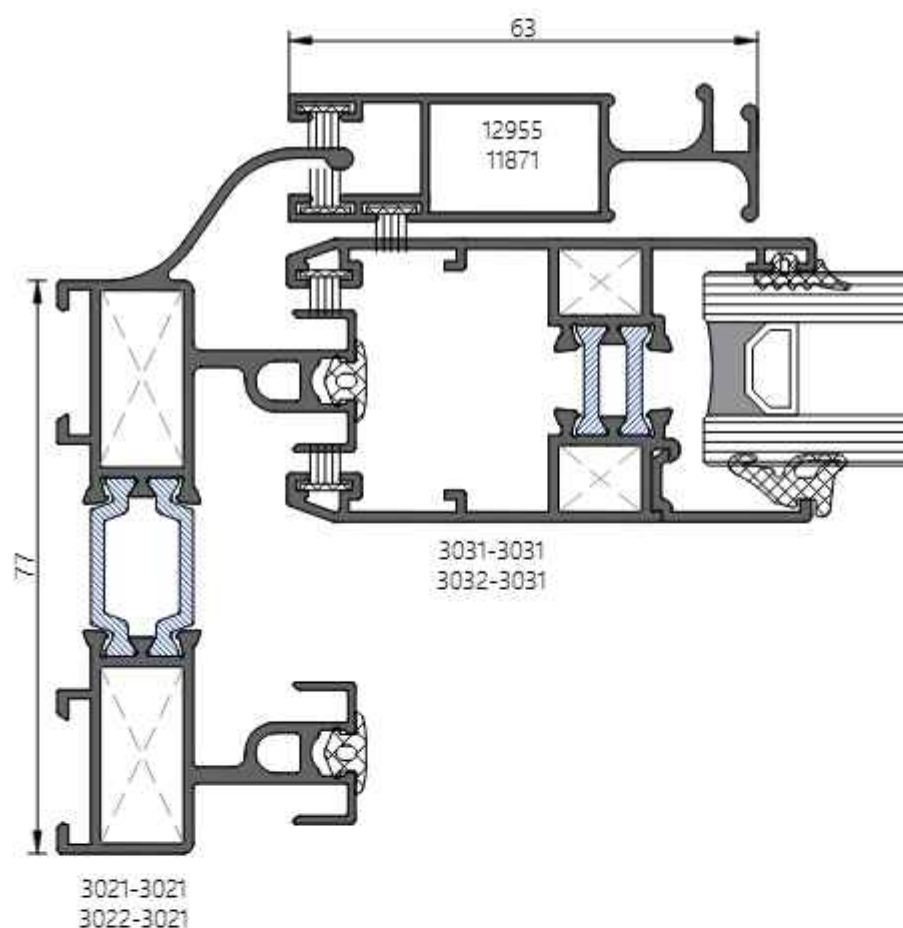
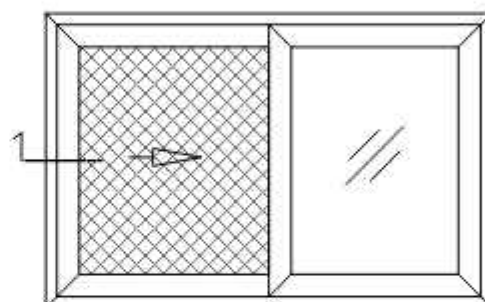
Drawing	Code	Description	Material
	306-15	Press Corner Cleat 23.4(mm)	Aluminium
	306-13	Press Corner Cleat 8.6(mm)	
	308-13	Press Corner Cleat 18.8(mm)	
	308-22	Press Corner Cleat 37.3(mm)	
	319-4	Press Corner Cleat 19.7(mm)	



Glass Size		
A(mm)	B	C
20	G 202	2055
22	G 201	2055
24	G 203	2056



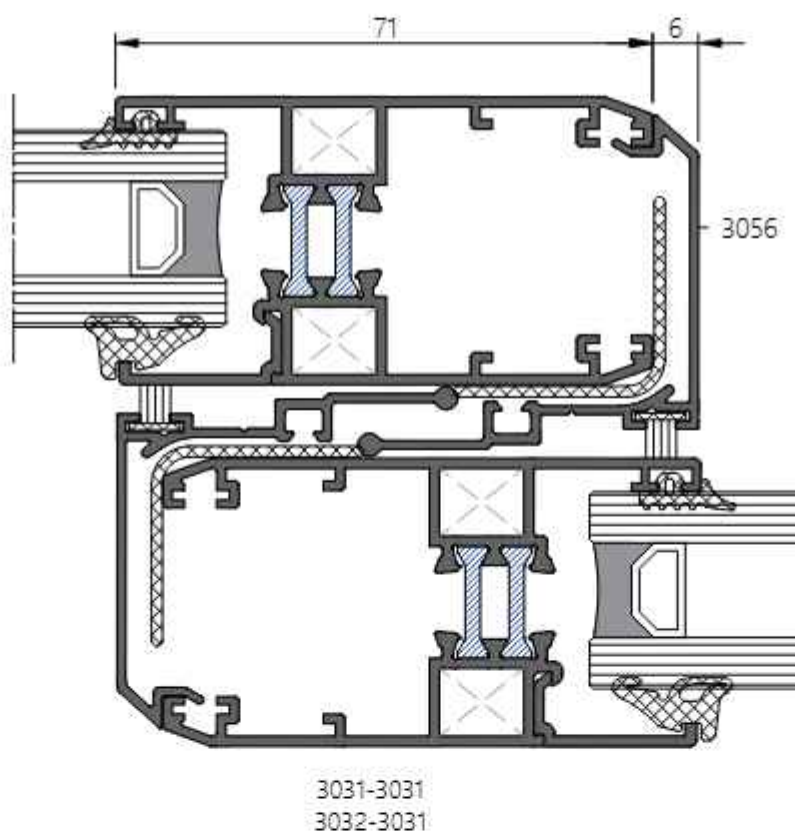
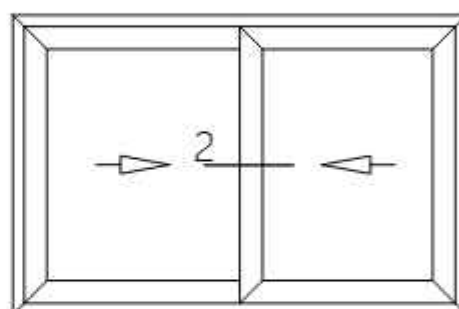
Glass Size	
A(mm)	D
20	G 203
22	G 202
24	G 201



1

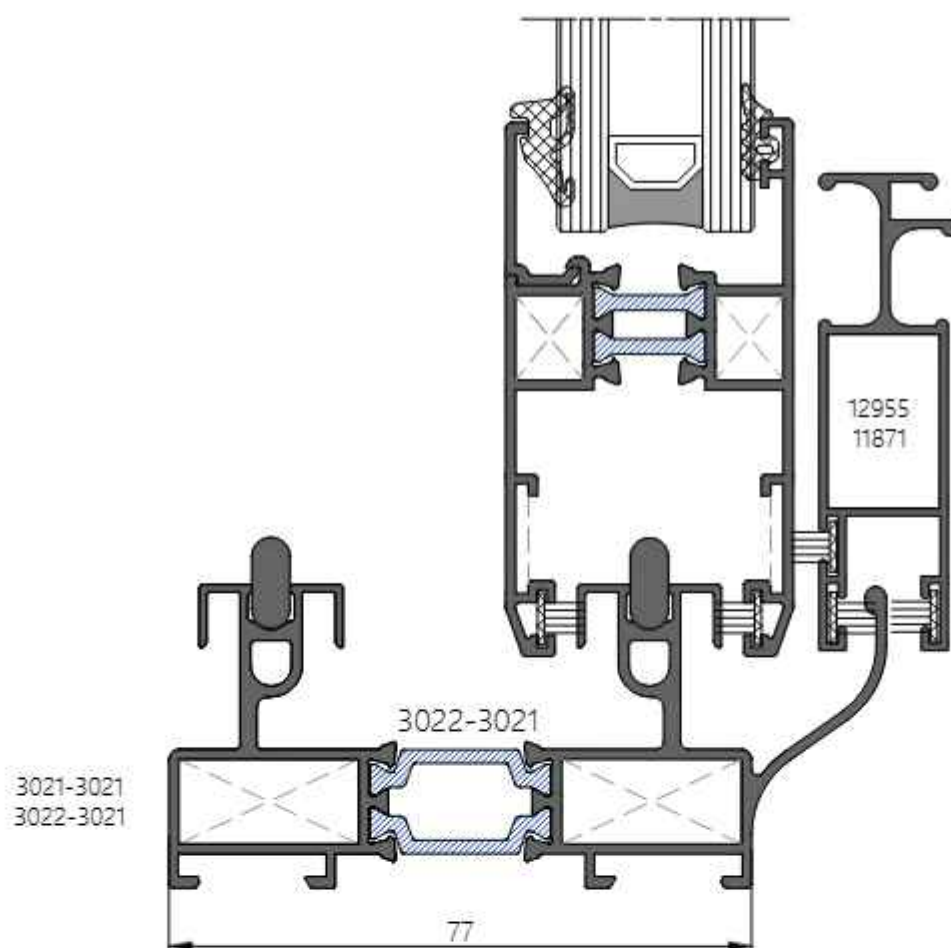
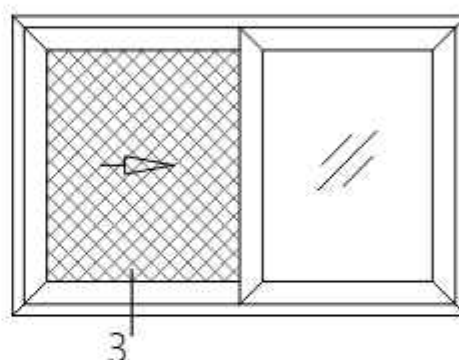
HATCH GUIDE :  Aluminium  PolyAmid  PVC  EPDM  Sponge

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2

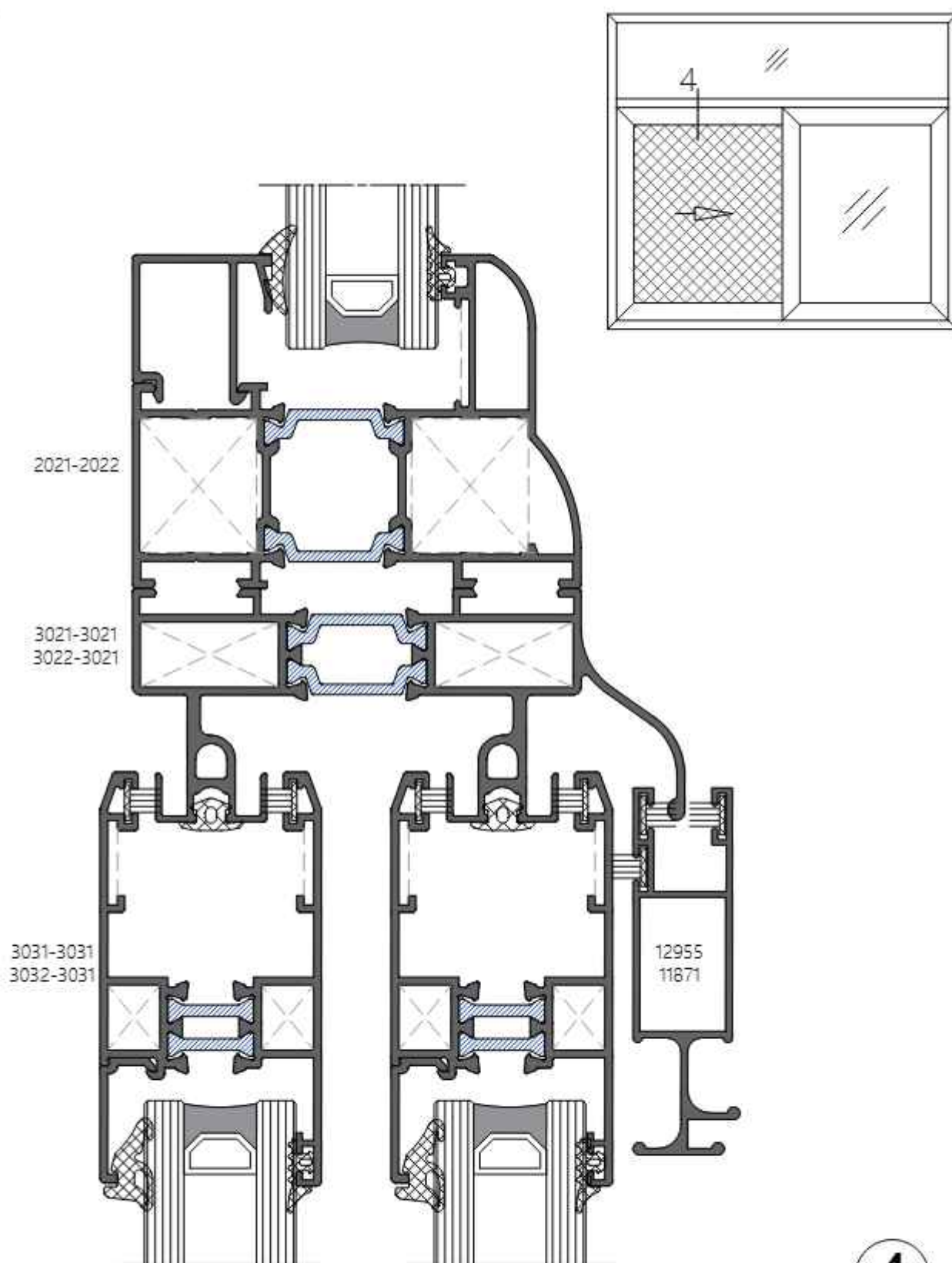
HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge



3

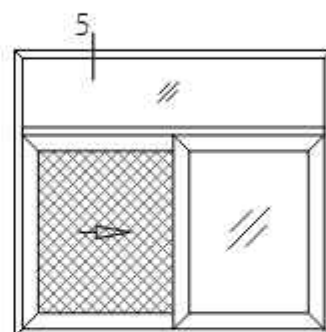
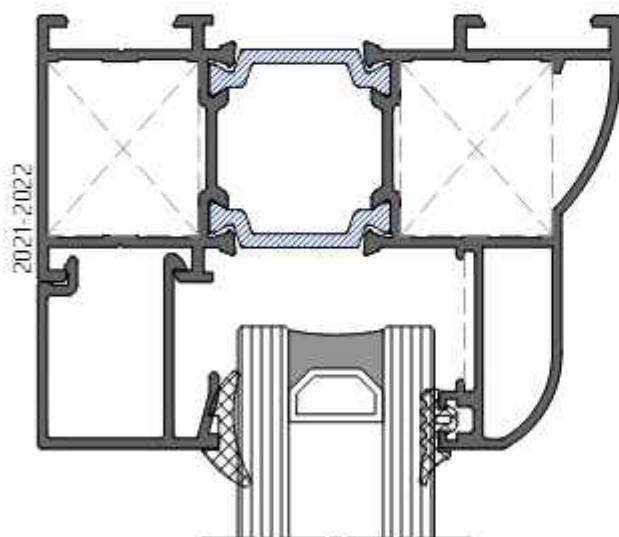
HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge

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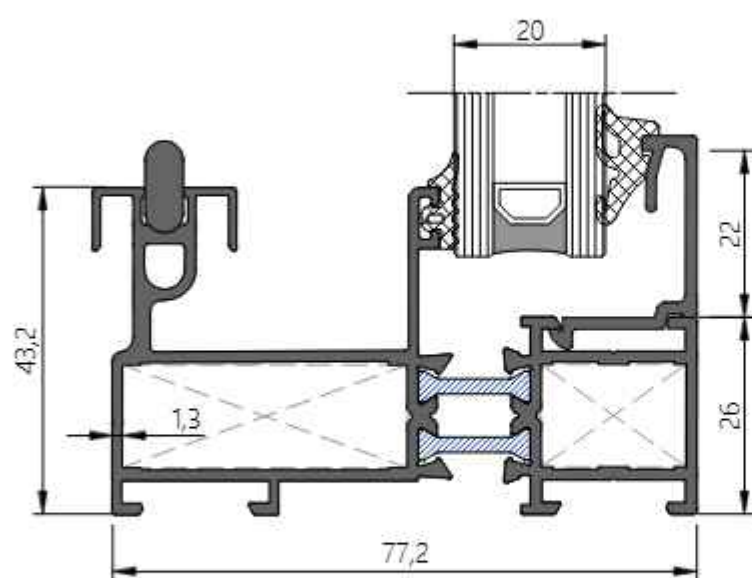
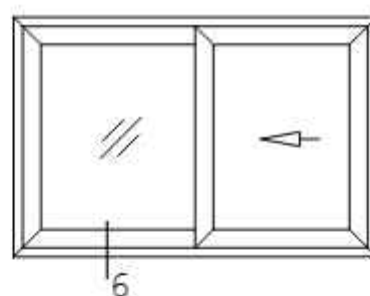


4

HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge

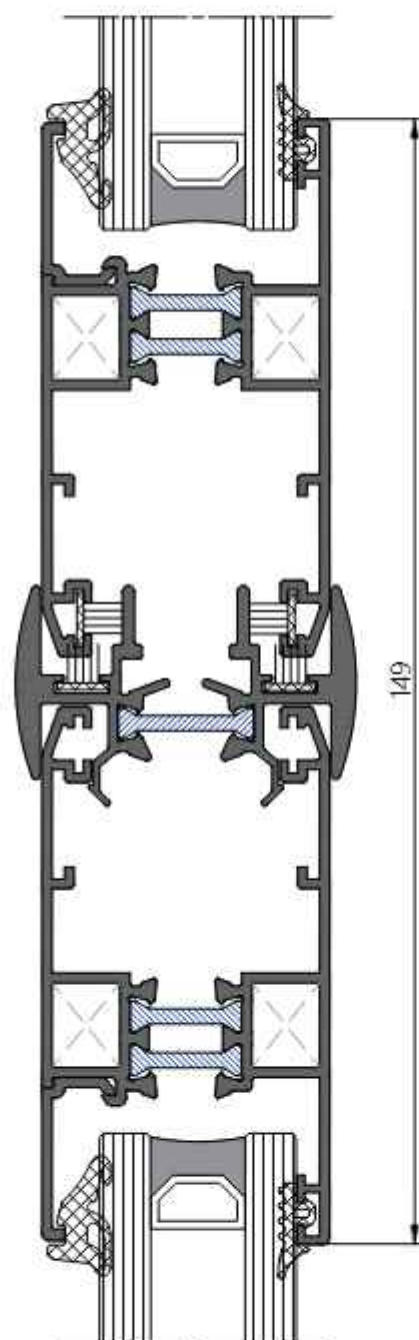
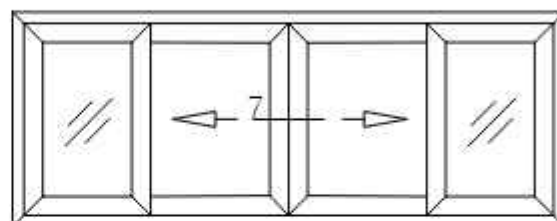


5



6

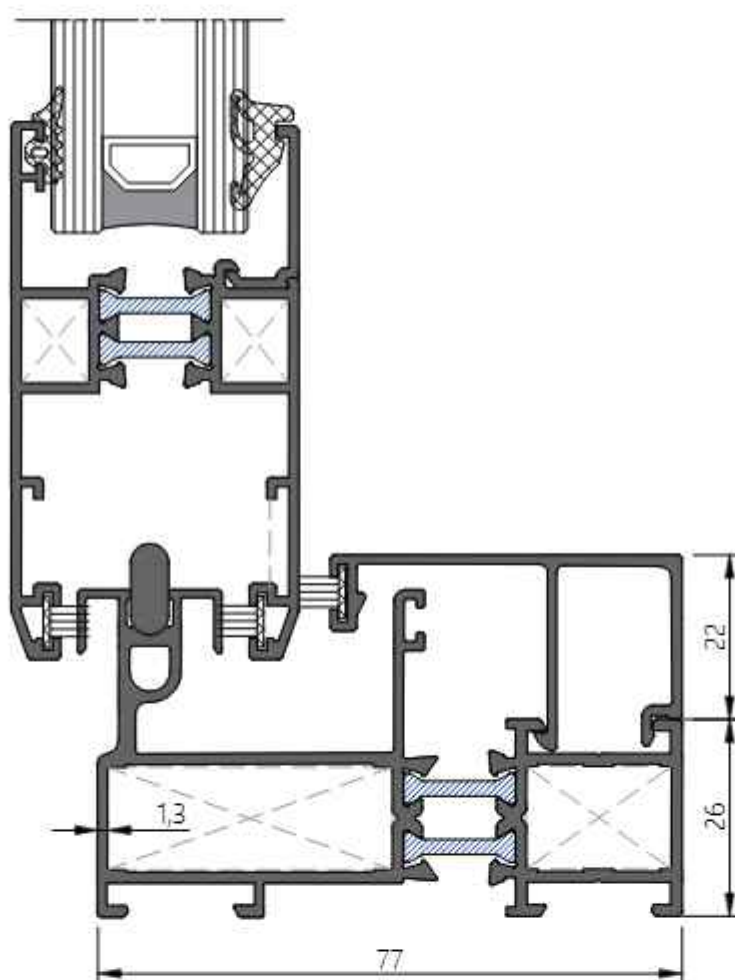
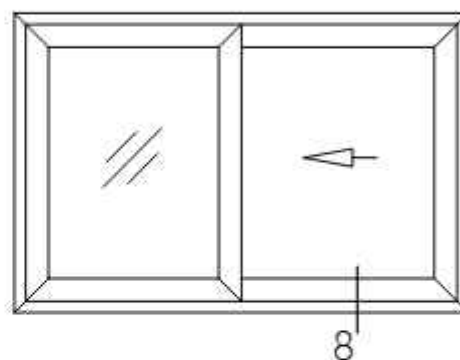
HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge



7

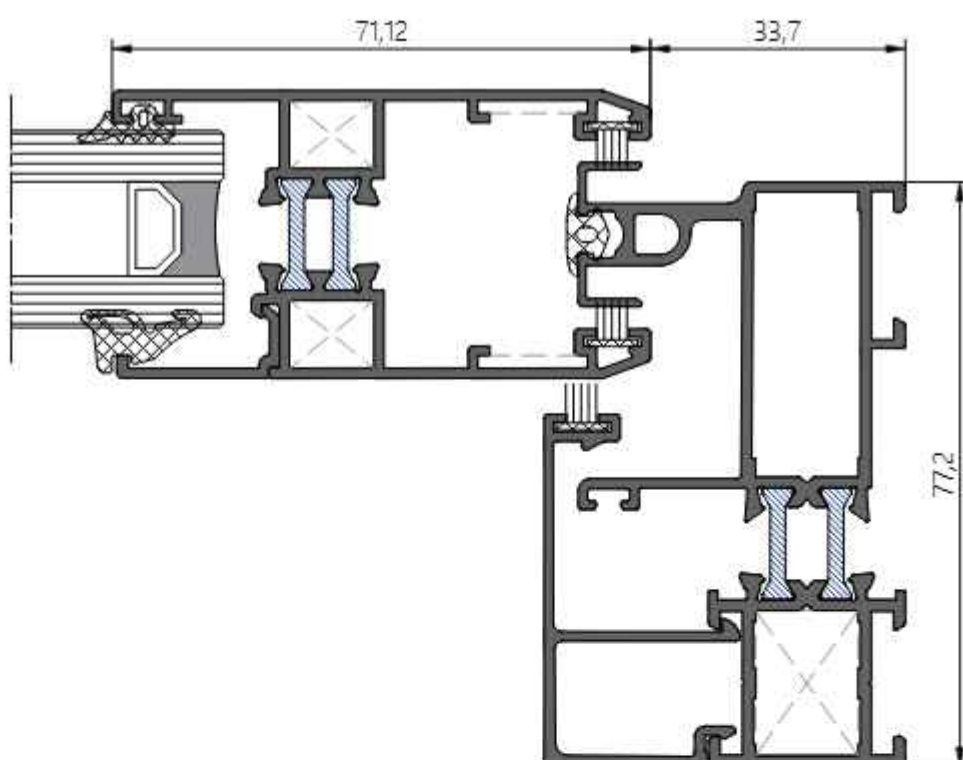
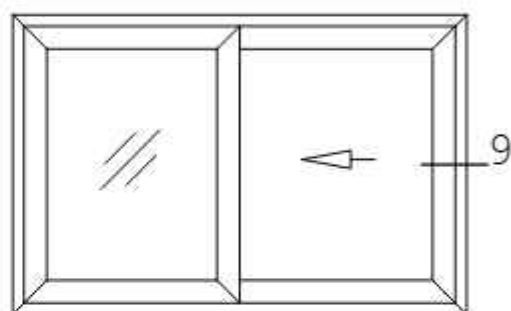
HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge

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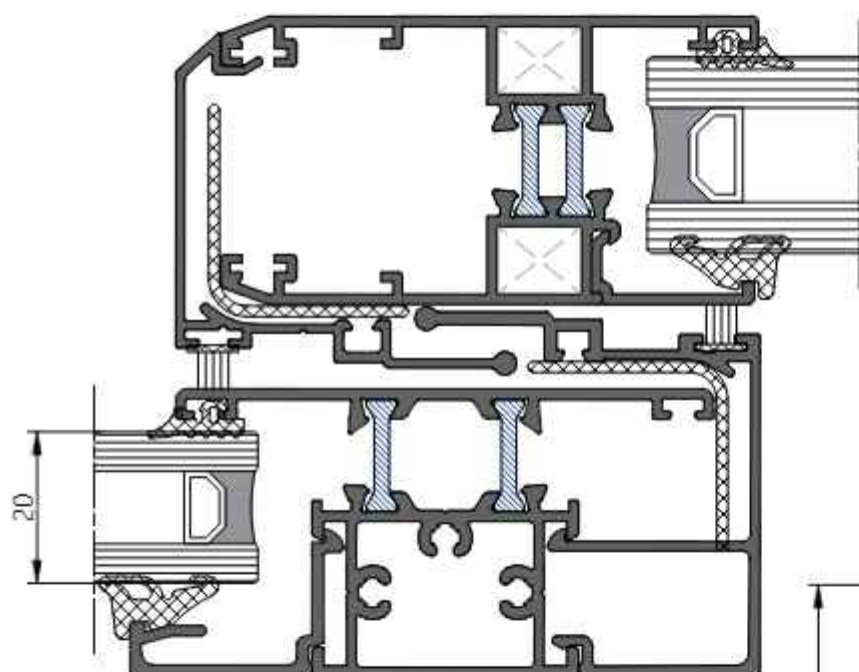
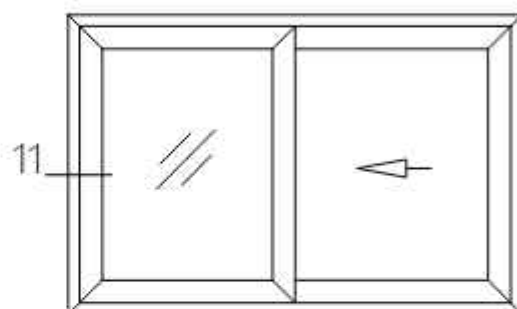
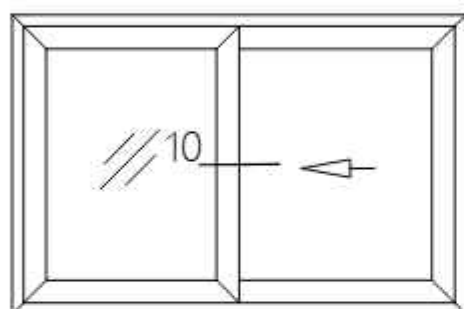
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HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge

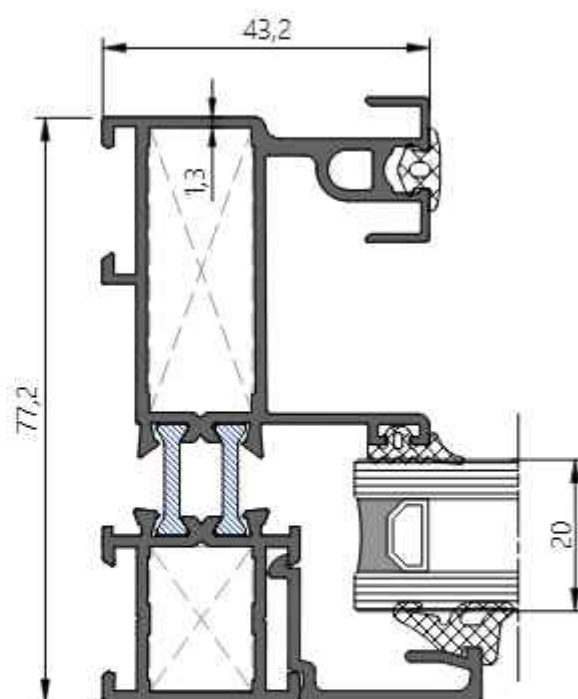


9

HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge



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HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge

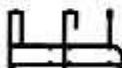
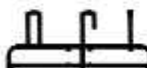
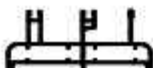
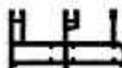
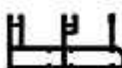
NOTE

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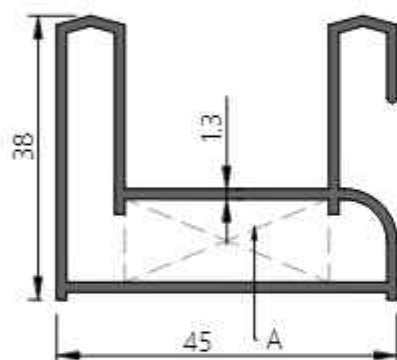
NOTE

OVERVIEW OF PROFILES

DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE $I_x(\text{cm}^4)$ / $I_y(\text{cm}^4)$
	3501	0.700	Frame Profile	3.66 / 6.79
	3502	0.851	Frame Profile	4.59 / 16.96
	3503	1.092	Frame Profile	5.94 / 24.88
	13166	1.215	Frame Profile	6.16 / 36.24
	15332A	1.631	Frame Profile	7.62 / 48.56
	15332B	1.370	Frame Profile	6.70 / 40.11
	16025A	1.450	Frame Profile	7.09 / 33.06
	16025B	1.29	Frame Profile	7.09 / 33.06
	2401	0.540	Frame Profile	2.13 / 6.16
	3508	0.715	Sash Profile	8.28 / 3.27
	3509	0.690	Sash Profile	7.64 / 3.34
	13469	0.830	Sash Profile	17.52 / 4.63
	13470	0.842	Sash Profile	18 / 4.2

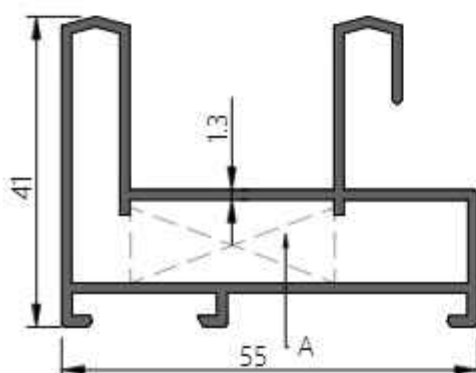
OVERVIEW OF PROFILES

DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE <i>I_x(cm⁴) / I_y(cm⁴)</i>
	11871	0.390	Grid Vent	2.65 / 0.64
	12955	0.560	Grid Vent	8.11 / 0.79
	901	0.318	Cap	1.69 / 0.46
	13475	0.384	Cap	4.45 / 0.58
	15667	0.114	Rail Profile	/
	3523	0.187	Adjoining	/



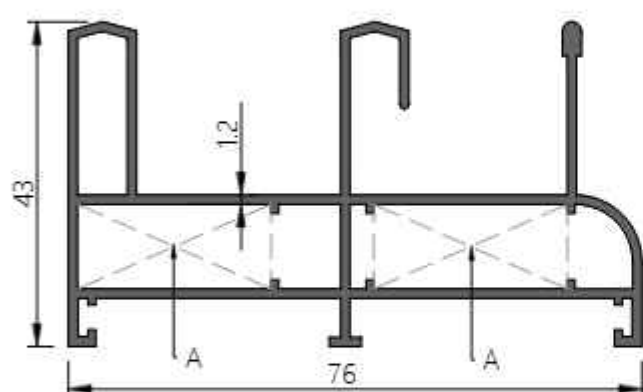
Profile Name	Profile Code	Weight (Kg/m)
Frame Profile	3501	0.700

Corner Cleat	A
	305-1 26.6mm



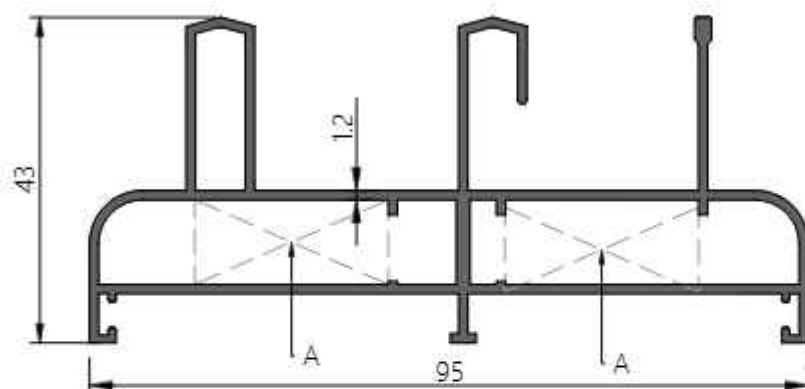
Profile Name	Profile Code	Weight (Kg/m)
Frame Profile	3502	0.851

Corner Cleat	A
	305-1 26.6mm

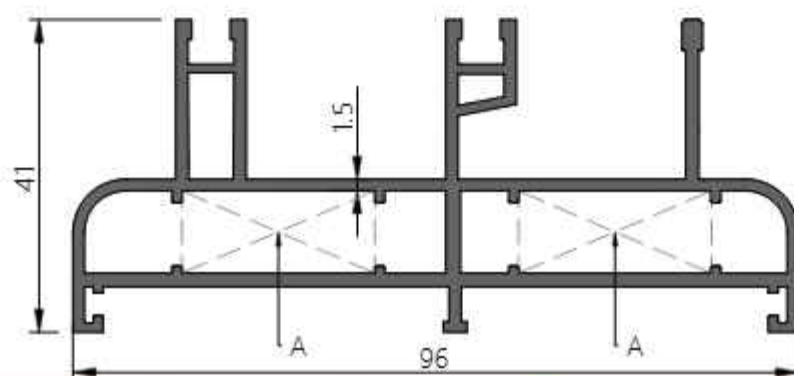


Profile Name	Profile Code	Weight (Kg/m)
Frame Profile	3503	1.092

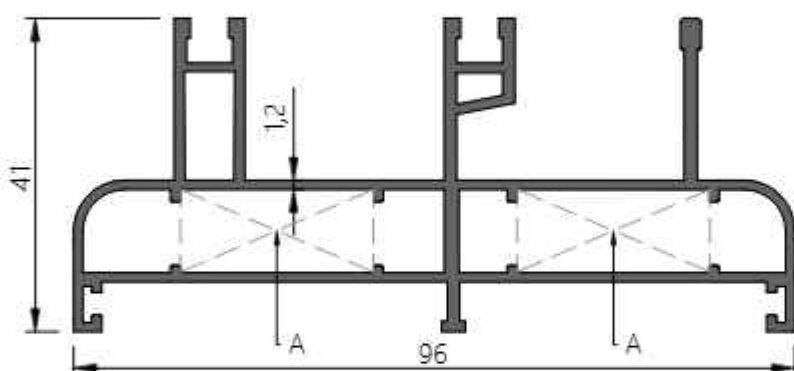
Corner Cleat	A
	305-9 25.2mm



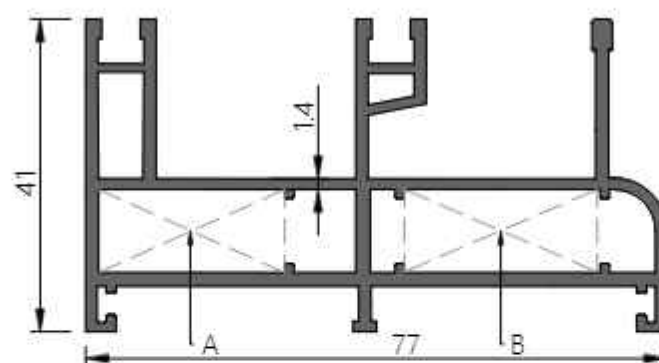
Profile Name	Profile Code	Weight (Kg/m)	Corner Cleat	A
Frame Profile	13166	1.215		305-9 25.2mm



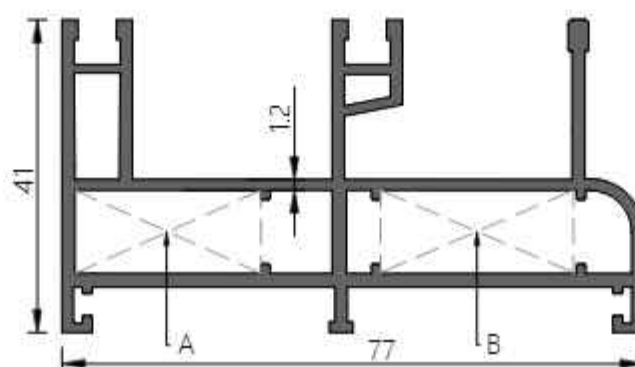
Profile Name	Profile Code	Weight (Kg/m)	Corner Cleat	A
Frame Profile	15332A	1.631		305-9 25.2mm



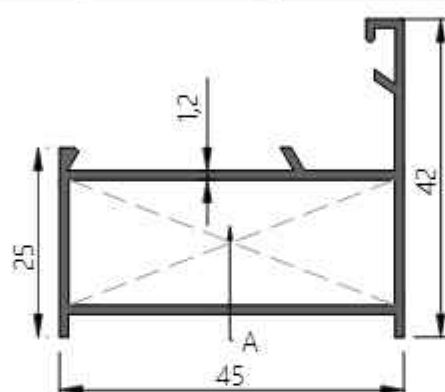
Profile Name	Profile Code	Weight (Kg/m)	Corner Cleat	A
Frame Profile	15332B	1.370		305-9 25.2mm



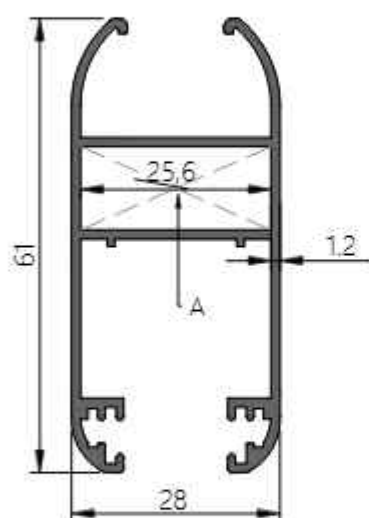
Profile Name	Profile Code	Weight (Kg/m)	Corner Cleat	A	B
Frame Profile	16025A	1.450		305-7 24.2mm	305-9 25.2mm



Profile Name	Profile Code	Weight (Kg/m)	Corner Cleat	A	B
Frame Profile	16025B	1.290		305-7 23.4mm	305-9 25.2mm

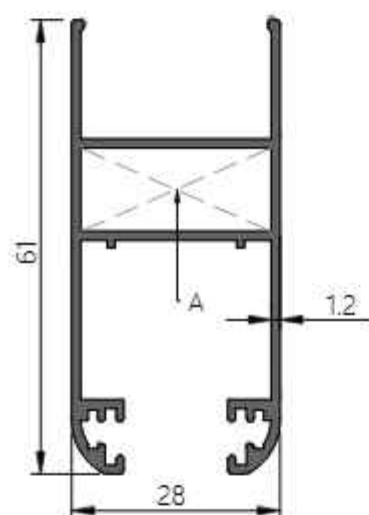


Profile Name	Profile Code	Weight (Kg/m)	Corner Cleat	A
Frame Profile	2401	0.540		715-1 42.6mm



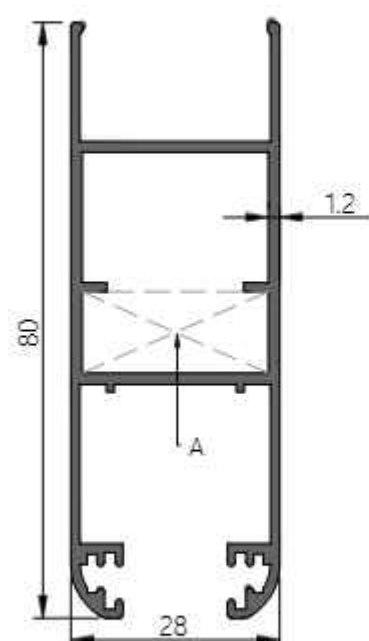
Profile Name	Profile Code	Weight (Kg/m)
Sash Profile	3508	0.715

Corner Cleat	A
	305-9 25.2mm



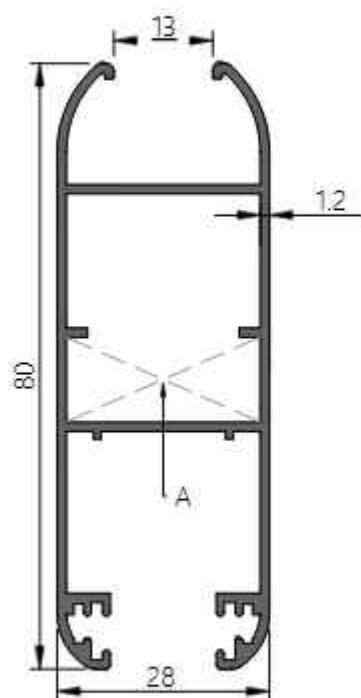
Profile Name	Profile Code	Weight (Kg/m)
Sash Profile	3509	0.690

Corner Cleat	A
	305-9 25.2mm



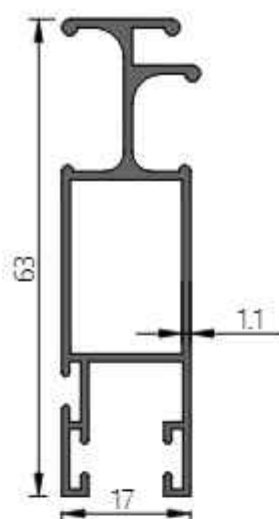
Profile Name	Profile Code	Weight (Kg/m)
Sash Profile	13469	0.830

Corner Cleat	A
	305-11 25.2mm

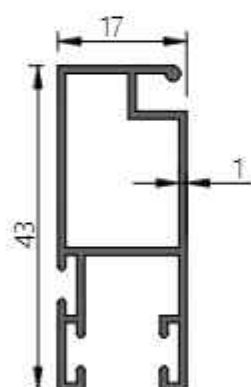


Profile Name	Profile Code	Weight (Kg/m)
Sash Profile	13470	0.842

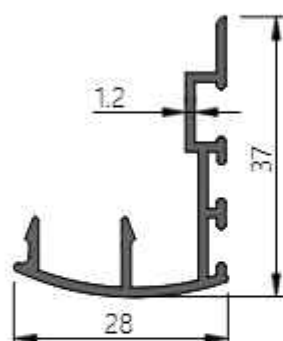
Corner Cleat	A
	305-9 25.2mm



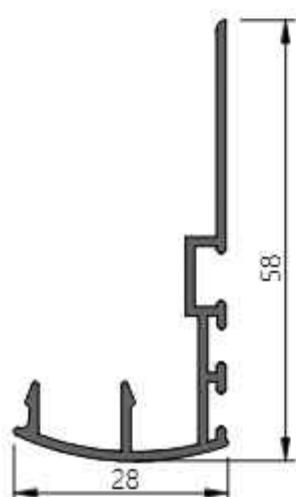
Profile Name	Profile Code	Weight (Kg/m)
Grid Vent	12955	0.560



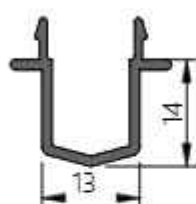
Profile Name	Profile Code	Weight (Kg/m)
Grid Vent	11871	0.390



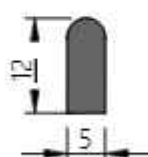
Profile Name	Profile Code	Weight (Kg/m)
Cap	901	0.318



Profile Name	Profile Code	Weight (Kg/m)
Cap	13475	0.384



Profile Name	Profile Code	Weight (Kg/m)
Adjoining	3523	0.187

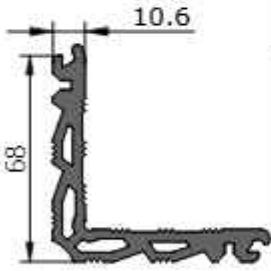
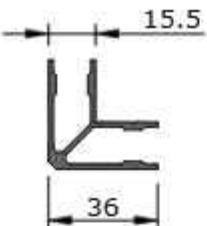


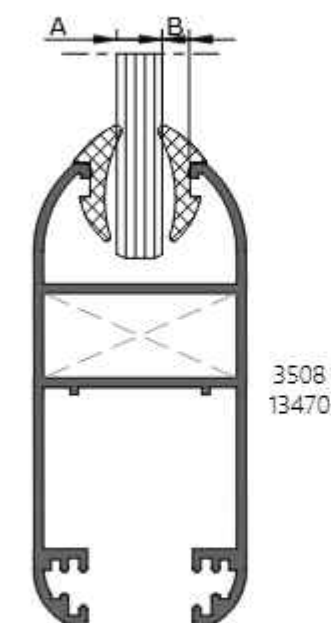
Profile Name	Profile Code	Weight (Kg/m)
Rail Profile	3057	0.170

ACCESSORIES

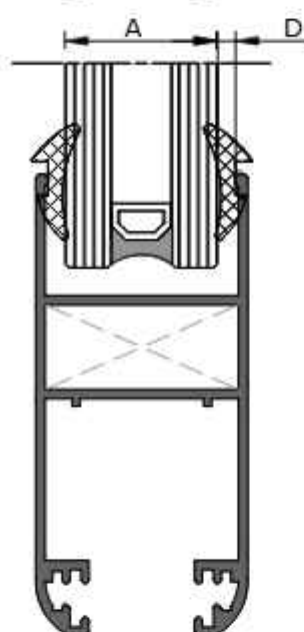
Drawing	Code	Description	Material
	G 309	Glazing Gasket	EPDM
	B 32	Brush Gasket	EPDM
	G 108	Interior Glazing Gasket 2mm	EPDM
	G 201	Interior Glazing Gasket 4mm	EPDM
	G 202	Interior Glazing Gasket 6mm	EPDM
	G 203	Interior Glazing Gasket 8mm	EPDM

ACCESSORIES

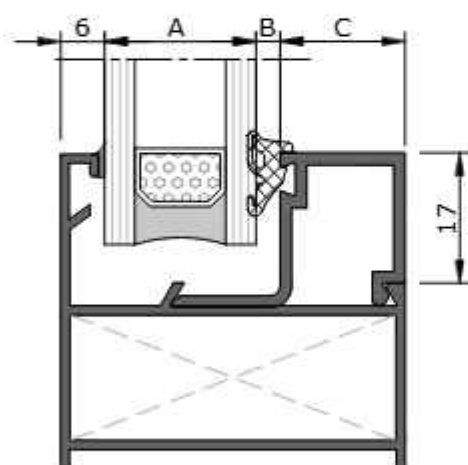
Drawing	Code	Description	Material
	305-8	Press Corner Cleat 24.2(mm)	Aluminium
	305-9	Press Corner Cleat 25.2(mm)	
	305-1	Press Corner Cleat 26.4(mm)	
	715-1	2401 Press Corner Cleat 42.6mm	



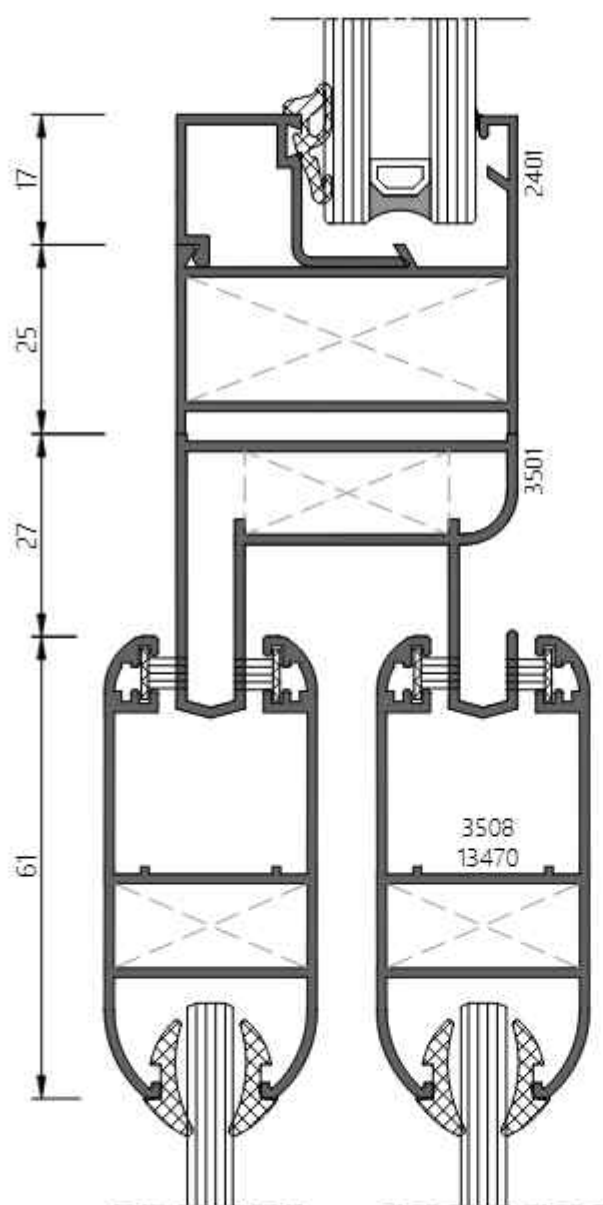
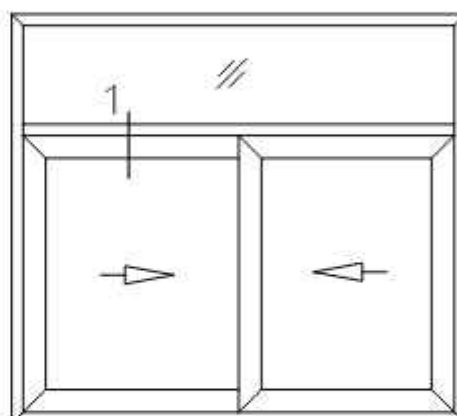
Glass Size	
A(mm)	B
4	G 202
6	G 201
8	G 108



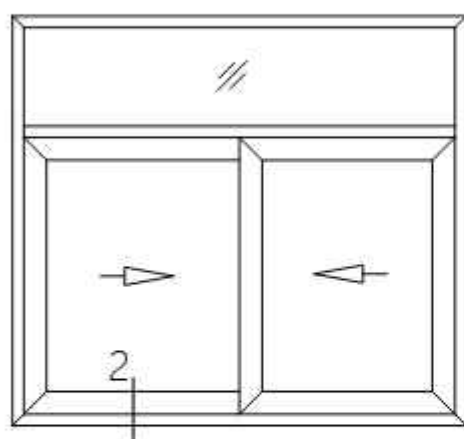
Glass Size	
A(mm)	D
16	G 202
18	G 201
20	G 108



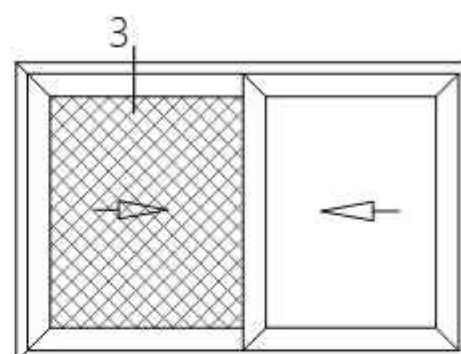
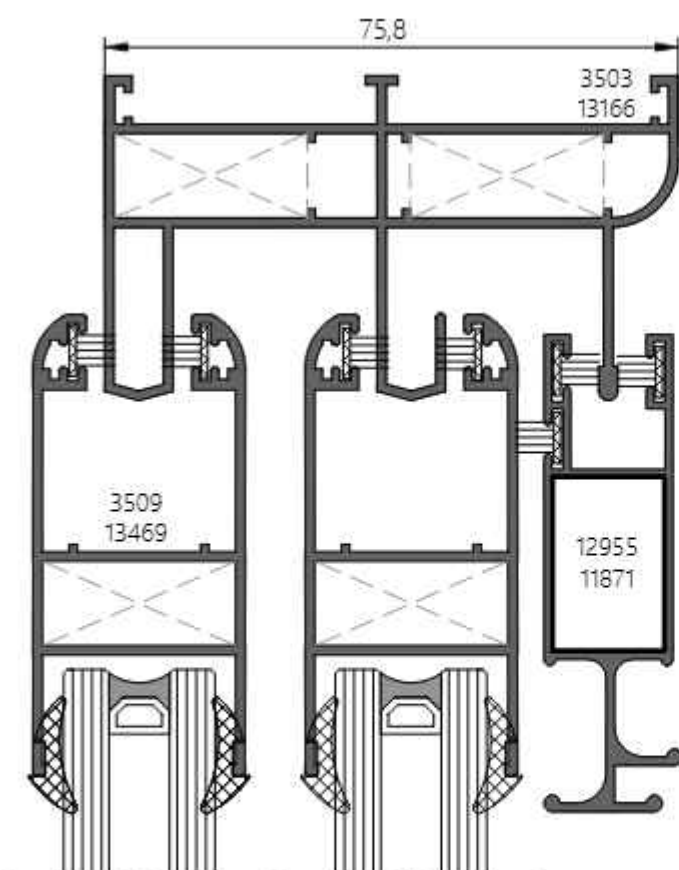
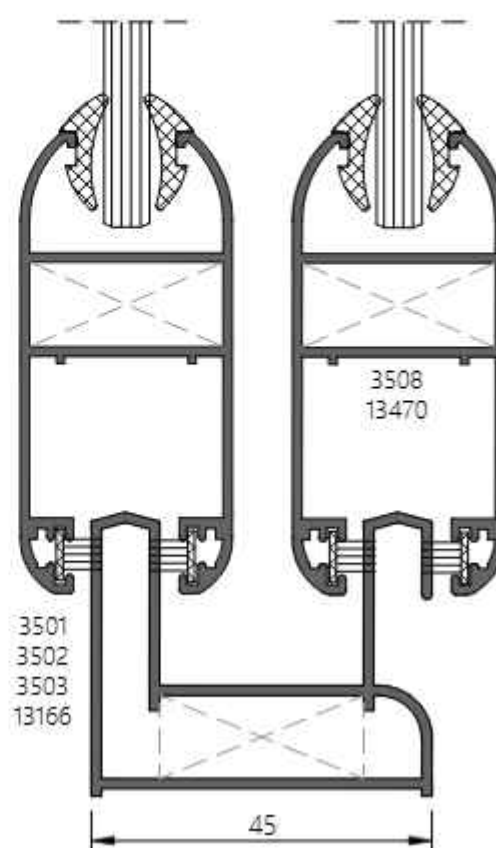
Glass Size		
A(mm)	B	C
6	G 202	2452
8	G 201	2452
18	G 202	2451
20	G 201	2451



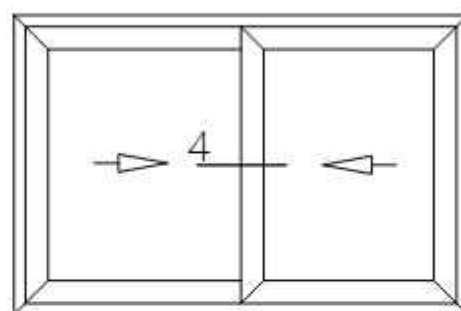
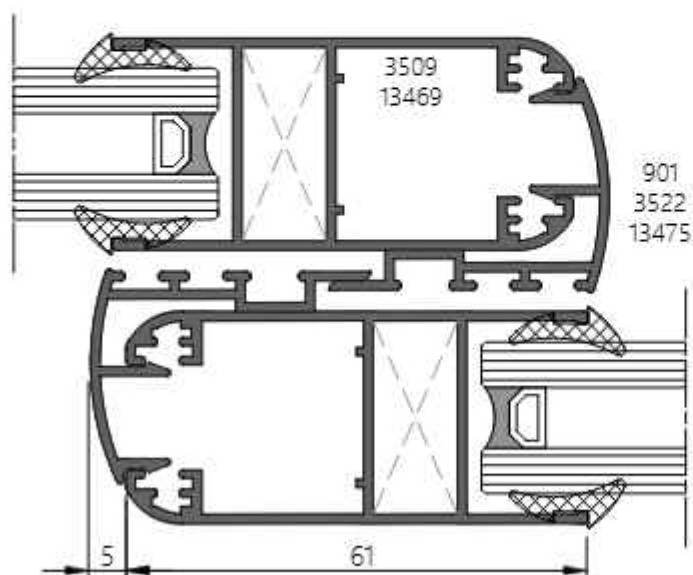
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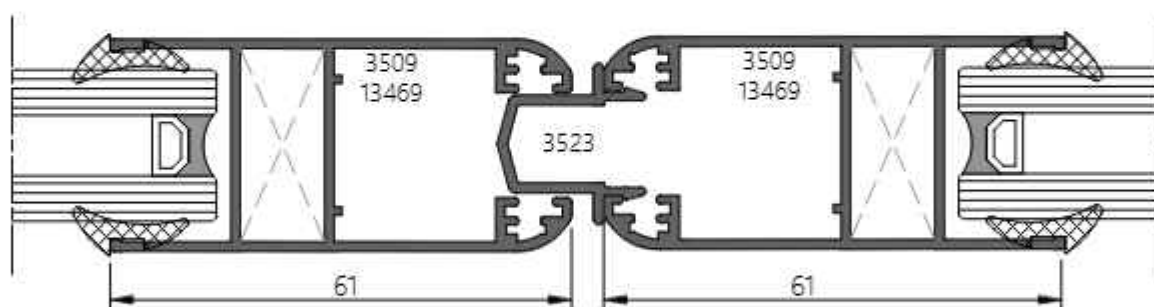
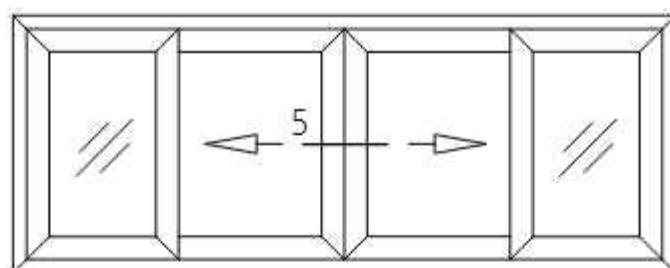
2



3



4



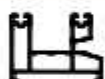
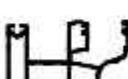
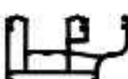
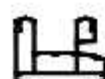
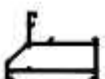
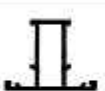
5

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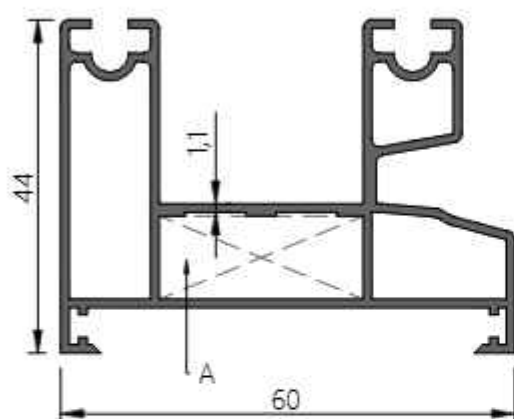
NOTE

OVERVIEW OF PROFILES

DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE <i>I_x(cm⁴) / I_y (cm⁴)</i>
	3701	0.962	Frame Profile	5.99 / 14.31
	3702	1.125	Frame Profile	6.86 / 25.17
	3703	1.050	Frame Profile	6.82 / 23.82
	3705	1.160	Frame Profile	25.80 / 15.05
	3706	1.010	Frame Profile	5.75 / 14.60
	3704	0.670	Frame Profile	3.24 / 10.04
	3708	0.770	Sash Profile	10.56 / 4.78
	3709	0.845	Frame Profile	11.11 / 4.79
	2415	0.645	Mullion Profile	6.82 / 4.49
	2416A	0.710	Mullion Profile	8.45 / 10.86
	3715	0.920	Tripetalous Profile	20.58 / 5.90
	3722	0.355	Cap Vent	2.76 / 0.70

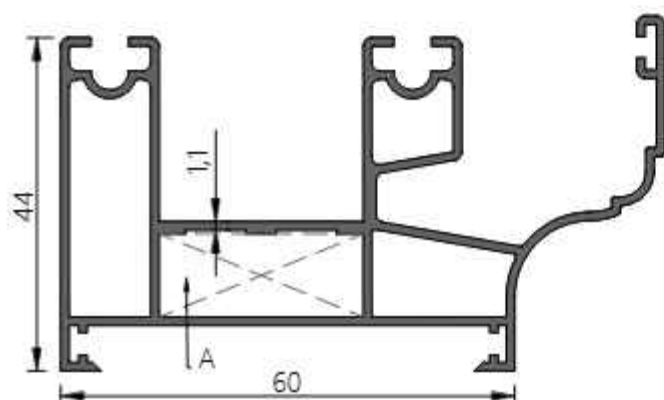
OVERVIEW OF PROFILES

DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE Jx(cm⁴) / Jy(cm⁴)
	11871	0.390	Grid Vent	2.65 / 0.64
	12955	0.560	Grid Vent	1.50 / 0.62
	3758	0.222	Sash Adjoining Profile	/
	2451	0.260	Glazing Bead	/
	2452	0.210	Glazing Bead	/
	3055	0.116	Glazing Bead	/
	3057	0.134	Rail Profile	/



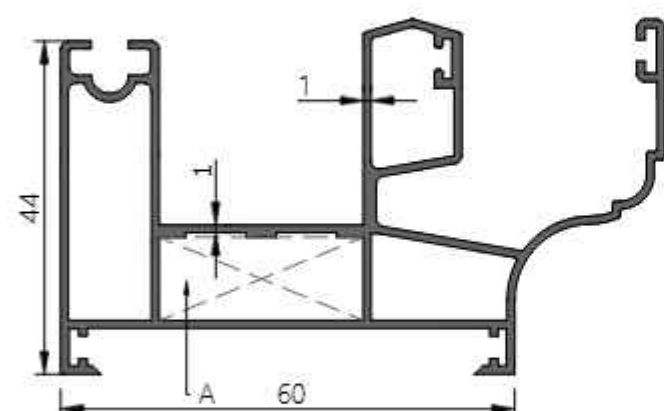
Profile Name	Profile Code	Weight (Kg/m)
Frame Profile	3701	0.962

Corner Cleat	A
	305-8 26.6mm



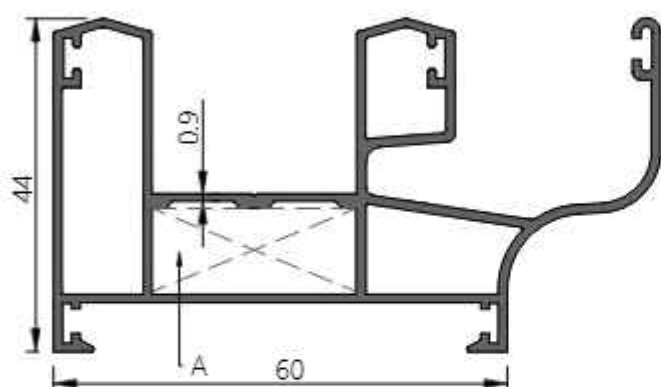
Profile Name	Profile Code	Weight (Kg/m)
Frame Profile	3702	1.125

Corner Cleat	A
	305-8 26.6mm



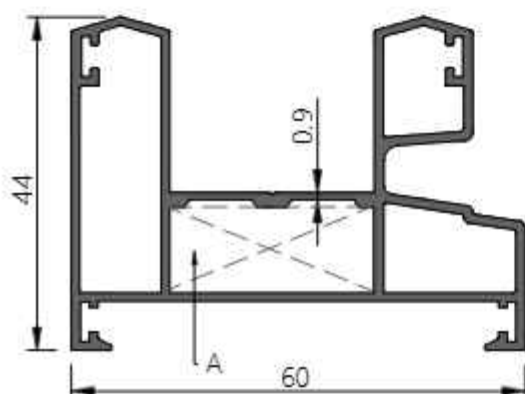
Profile Name	Profile Code	Weight (Kg/m)
Frame Profile	3703	1.050

Corner Cleat	A
	305-8 26.6mm



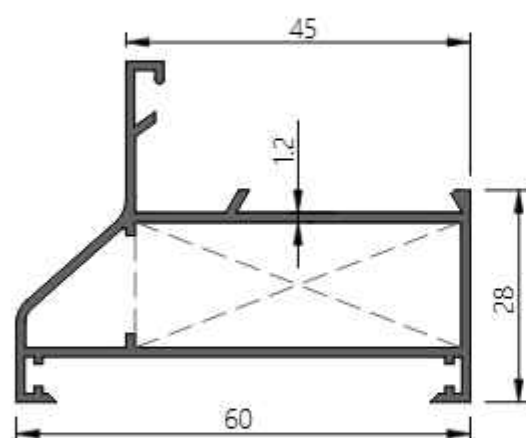
Profile Name	Profile Code	Weight (Kg/m)
Frame Profile	3705	1.160

Corner Cleat	A
	306-3 26.6mm



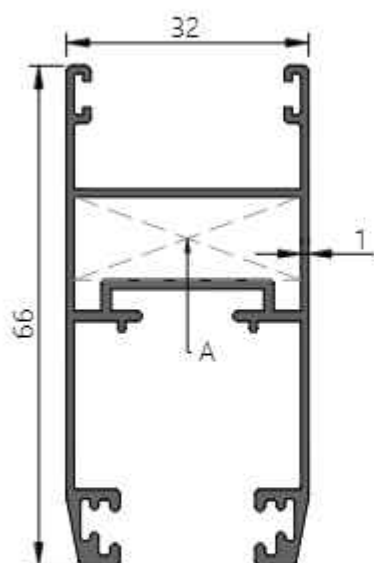
Profile Name	Profile Code	Weight (Kg/m)
Frame Profile	3706	1.010

Corner Cleat	A
	306-3 26.6mm



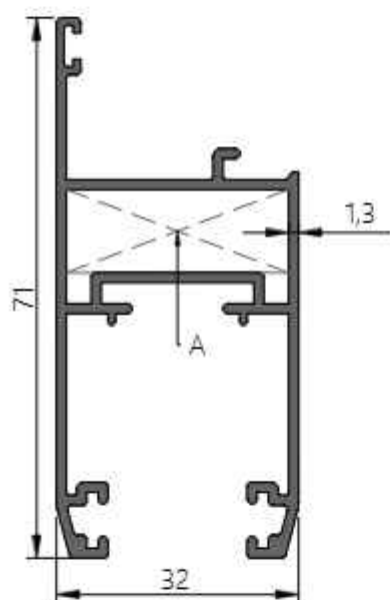
Profile Name	Profile Code	Weight (Kg/m)
Frame Profile	3704	0.670

Corner Cleat	A
	42.6 715-1mm



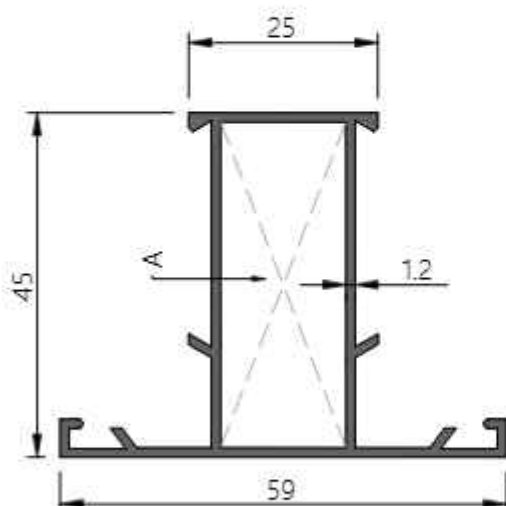
Profile Name	Profile Code	Weight (Kg/m)
Sash Profile	3708	0.770

Corner Cleat	A
	305-12 29.6mm



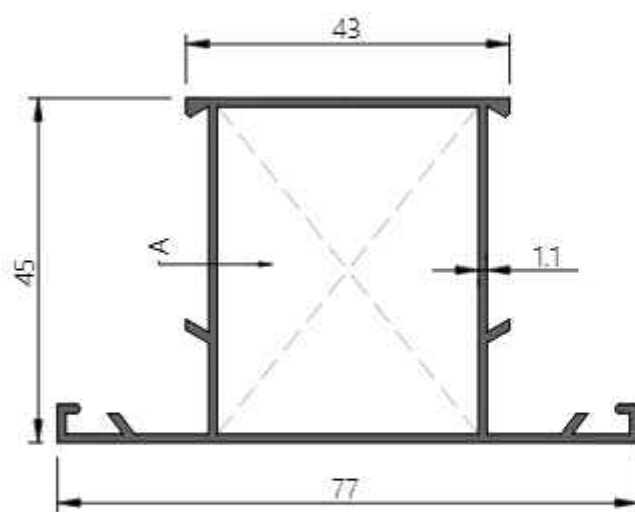
Profile Name	Profile Code	Weight (Kg/m)
Frame Profile	3709	0.845

Corner Cleat	A
	305-13 29mm



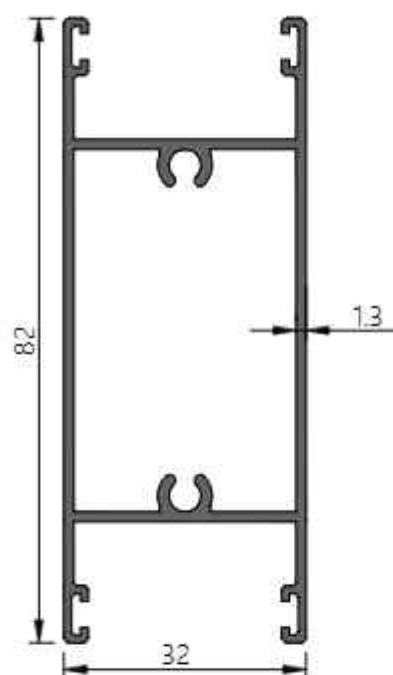
Profile Name	Profile Code	Weight (Kg/m)
Mullion Profile	2415	0.645

Corner Cleat	A
	715-1 42.6mm

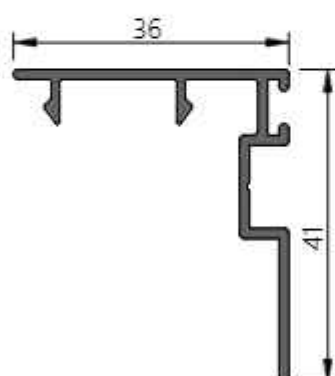


Profile Name	Profile Code	Weight (Kg/m)
Mullion Profile	2416A	0.710

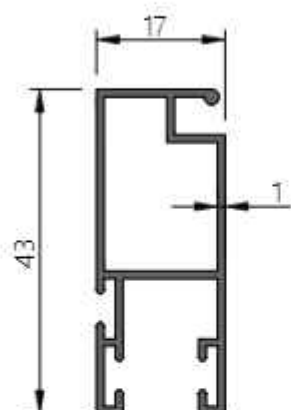
Corner Cleat	A
	732-1 42.6mm



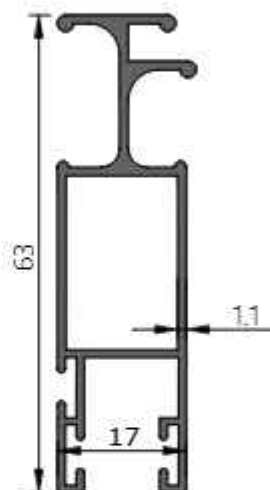
Profile Name	Profile Code	Weight (Kg/m)
Tripetalous Profile	3715	0.920



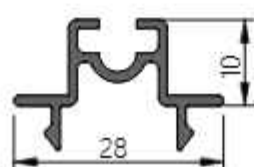
Profile Name	Profile Code	Weight (Kg/m)
Gap Vent	3722	0.355



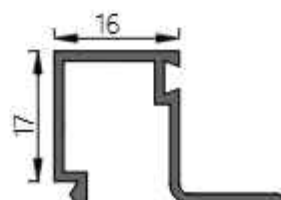
Profile Name	Profile Code	Weight (Kg/m)
Grid Vent	11871	0.390



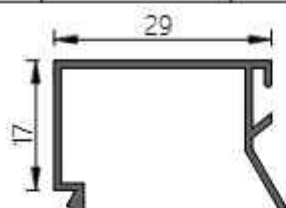
Profile Name	Profile Code	Weight (Kg/m)
Grid Vent	12955	0.560



Profile Name	Profile Code	Weight (Kg/m)
Sash Adjoining Profile	3758	0.222



Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	2451	0.260



Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	2452	0.210



Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	3055	0.116

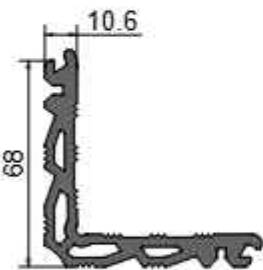
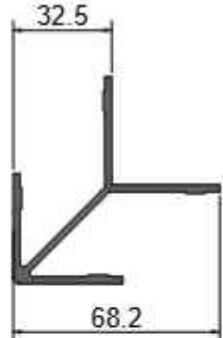


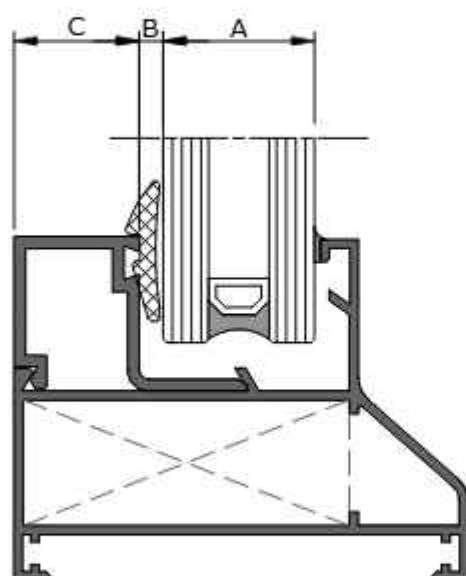
Profile Name	Profile Code	Weight (Kg/m)
Rail Profile	3057	0.134

ACCESSORIES

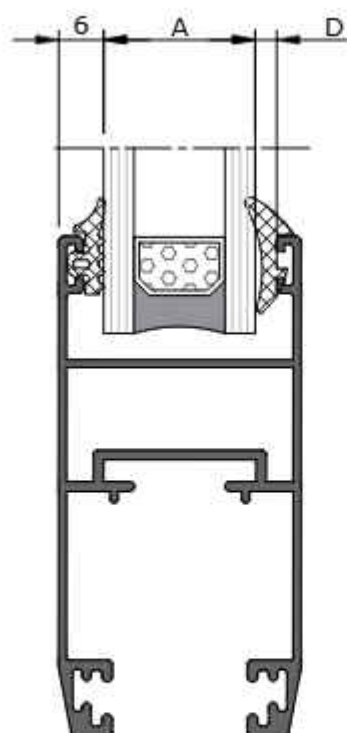
Drawing	Code	Description	Material
	G 309	Glasing Gasket	EPDM
	G 108	Interior Glasing Gasket 2mm	EPDM
	G 201	Interior Glasing Gasket 4mm	EPDM
	G 202	Interior Glasing Gasket 6mm	EPDM
	G 203	Interior Glasing Gasket 8mm	EPDM
	B 42	Brush Gasket	EPDM

ACCESSORIES

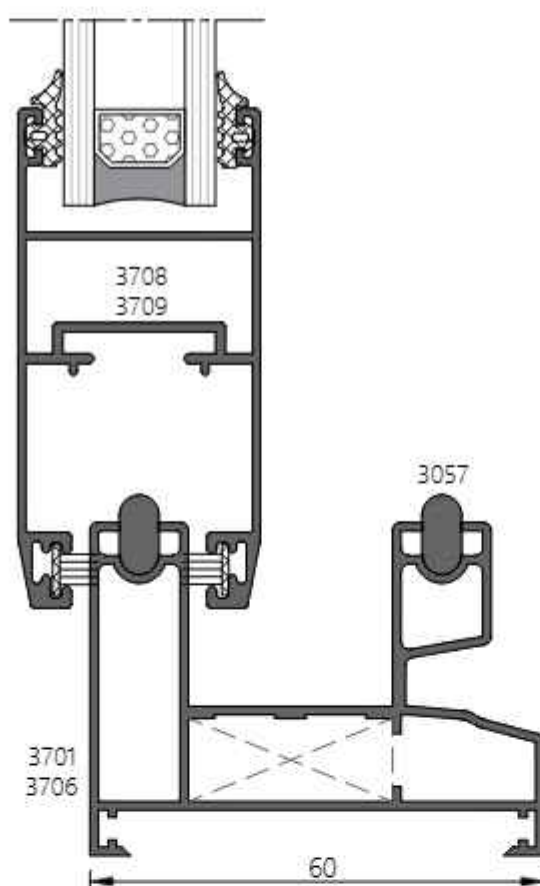
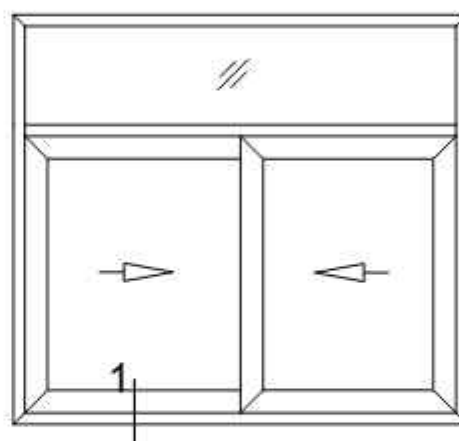
Drawing	Code	Description	Material
	305-1	Press Corner Cleat 26.4mm	Aluminium
	305-2	Press Corner Cleat 29.6mm	
	715-1	Press Corner Cleat 42.6mm	
	732-1	Press Corner Cleat 42.6mm	



Glass Size		
A(mm)	B	C
6	G 201	2452
8	G 202	2452
16	G 202	2451
18	G 201	2451
20	G 108	2451



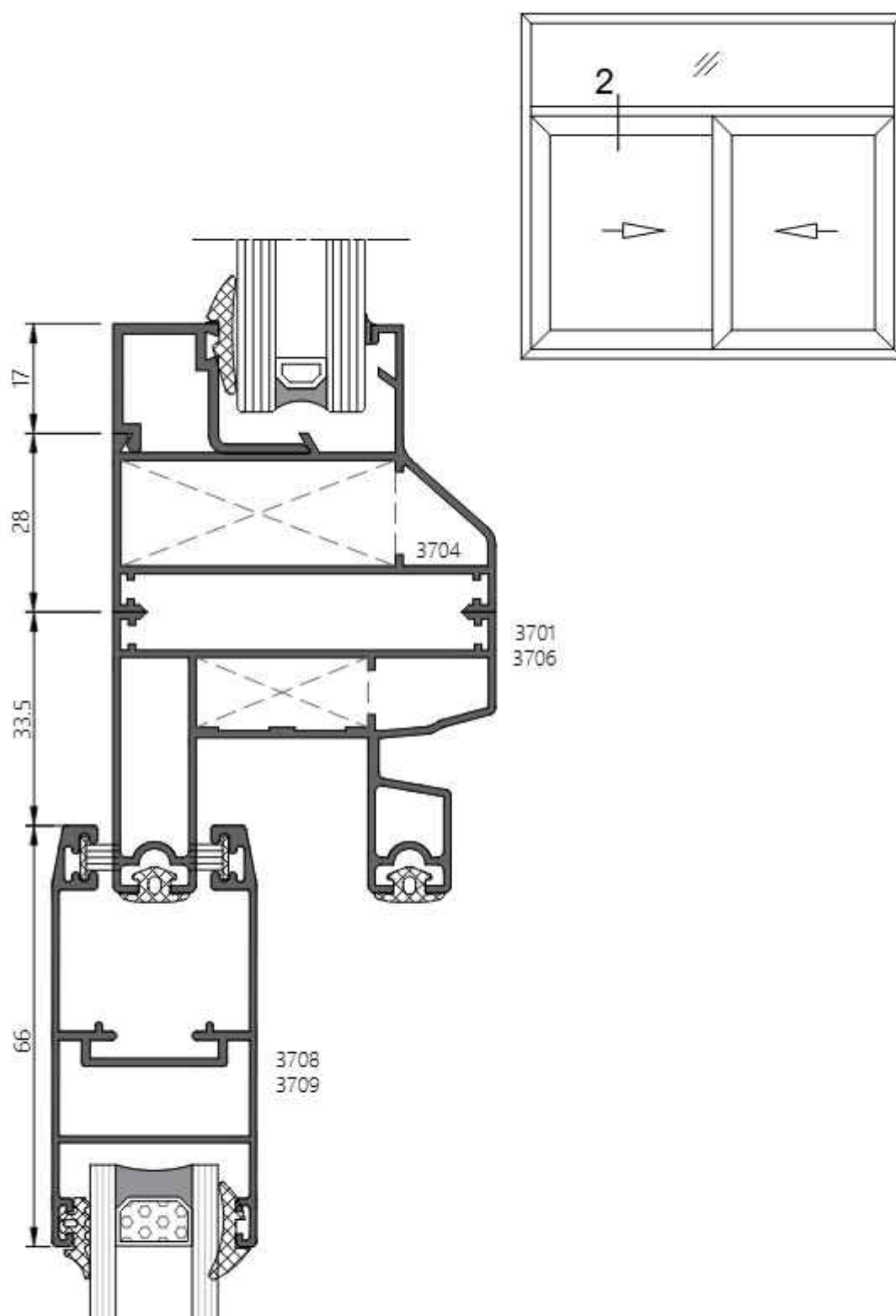
Glass Size		
A(mm)	D	E
16	G 203	3055
18	G 202	3055
20	G 201	3055



1

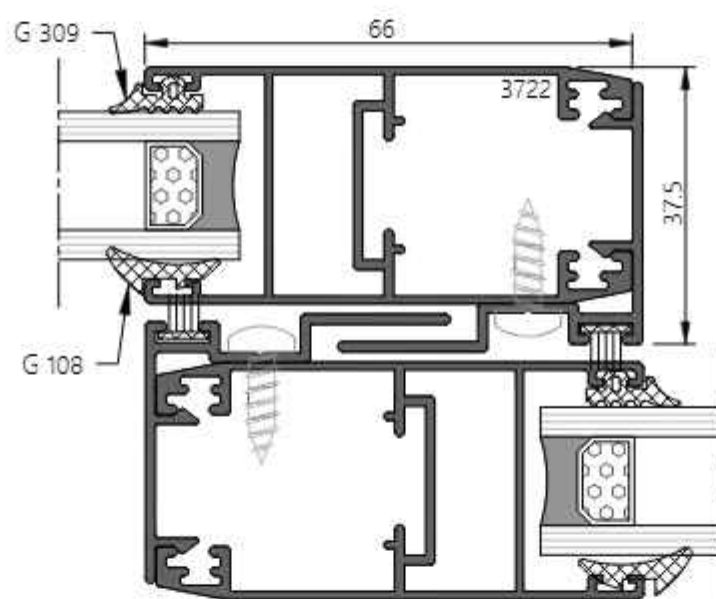
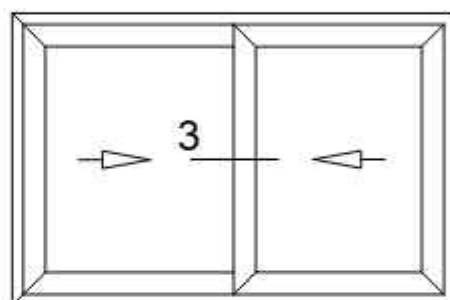
HATCH GUIDE :  Aluminium  PolyAmid  PVC  EPDM  Sponge

www.Bendini.co



2

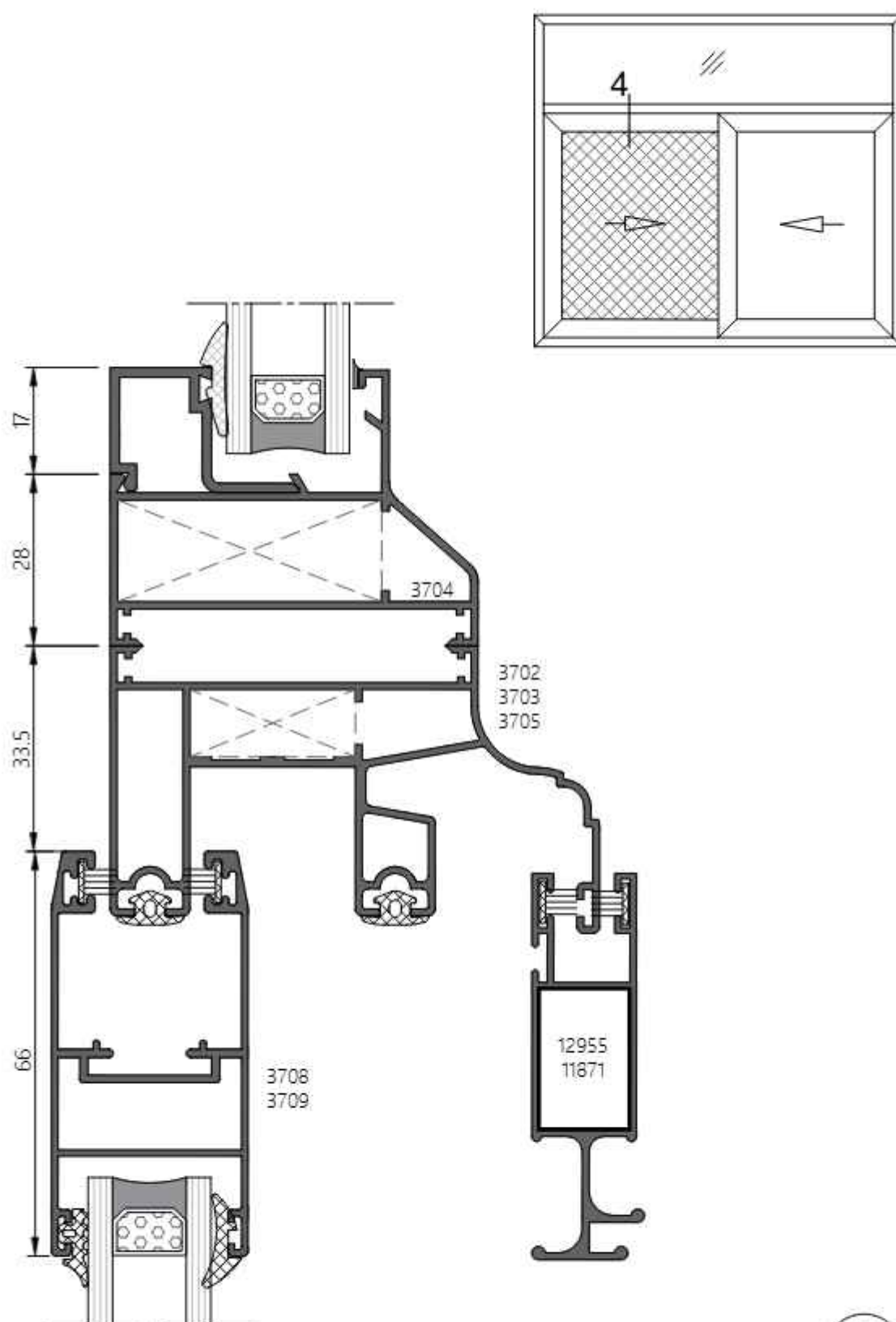
HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge



3

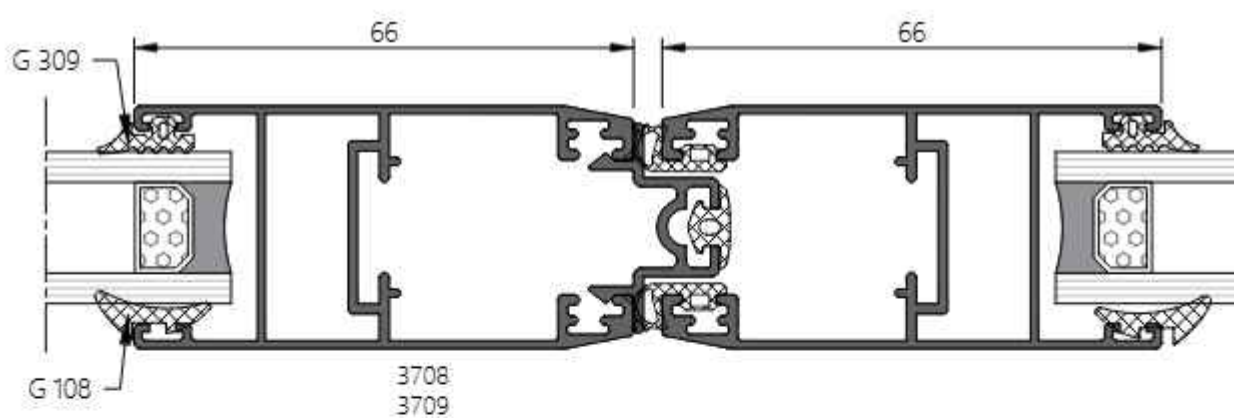
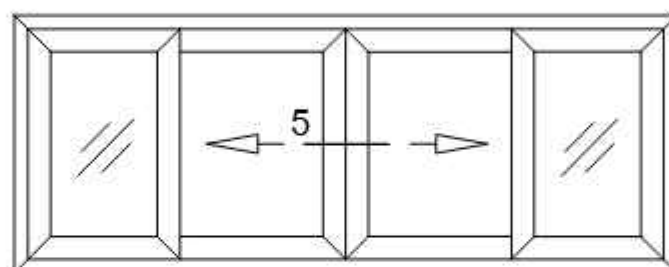
HATCH GUIDE :  Aluminium  PolyAmid  PVC  EPDM  Sponge

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4

HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge

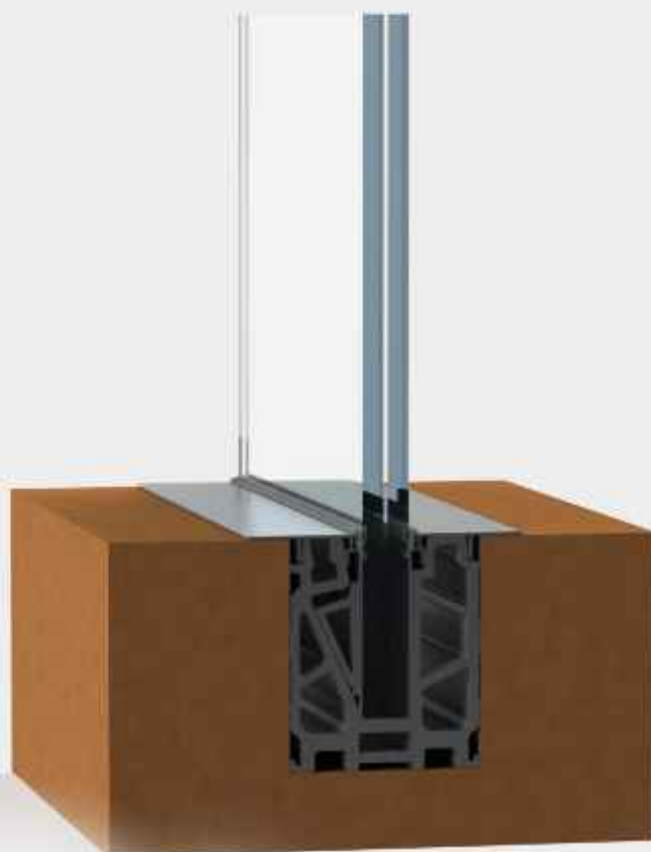


5

HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge

NOTE

BALUSTRADE



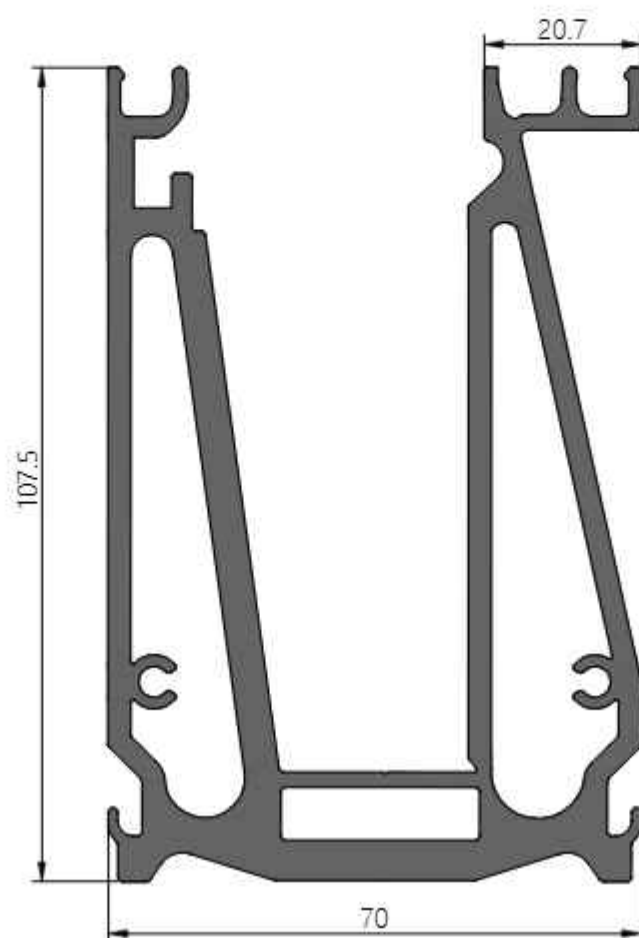
NOTE

OVERVIEW OF PROFILES

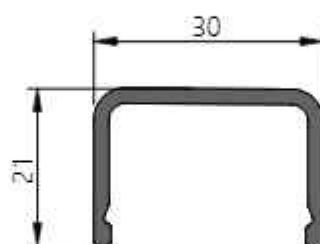
DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE $J_x(\text{cm}^4)$ / $J_y(\text{cm}^4)$
	51002	5.075	Glass Stuck	212.98 / 98.55
	51026	0.350	U Profile	/
	51041	0.505	Cover Profile	/
	51043	0.220	Base Cover	/
	51050	0.905	Drainage Base Profile	0.27 / 17.55
	51042	0.280	Perssure plate Profile	/
	51010	0.835	Perssure plate Profile	/
	52256	0.767	Glass Stuck	10.78 / 2.23
	522537	0.914	Round Handrail	6.08 / 6.40
	522580	0.622	Round Handrail	2.09 / 9.22

OVERVIEW OF PROFILES

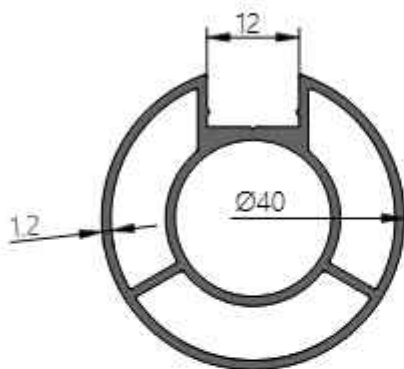
DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE $I_x(\text{cm}^4) / I_y(\text{cm}^4)$
	522559	0.622	Round Handrail	2.19 / 9.56
	522531	0.717	Round Handrail	3.37 / 3.64
	522549	0.539	-	/
	522511	0.185	-	/
	522539	0.176	-	/
	522541	0.091	-	/
	522504	0.069	Cover Cap	/
	51062	0.920	Purssure Plate Profile	/
	52043	0.316	Base Cover	/
	52002	8.280	Base profile	331.04 / 282.34
	52041	0.630	Cover Profile	31.55 / 1.84



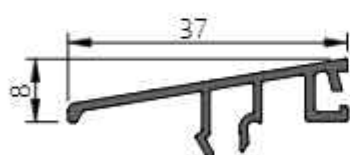
Profile Name	Profile Code	Weight (Kg/m)
Glass Stuck	51002	5.075



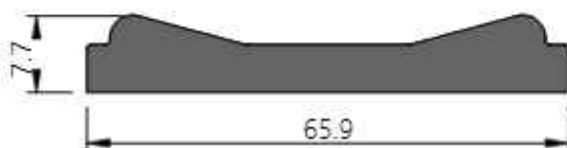
Profile Name	Profile Code	Weight (Kg/m)
U Profile	51026	0.350



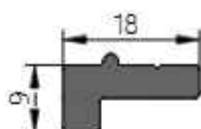
Profile Name	Profile Code	Weight (Kg/m)
Round Handrail	522531	0.717



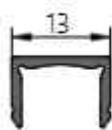
Profile Name	Profile Code	Weight (Kg/m)
Base Cover	51043	0.220



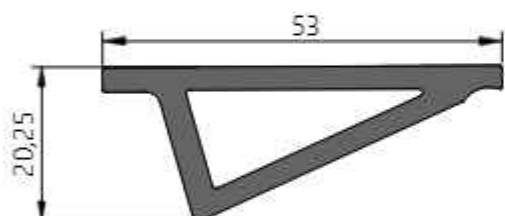
Profile Name	Profile Code	Weight (Kg/m)
Drainage Base Profile	51050	0.905



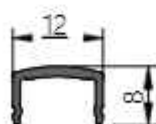
Profile Name	Profile Code	Weight (Kg/m)
Perssure Plate Profile	51042	0.280



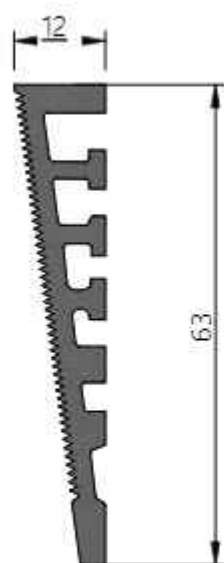
Profile Name	Profile Code	Weight (Kg/m)
-	522541	0.091



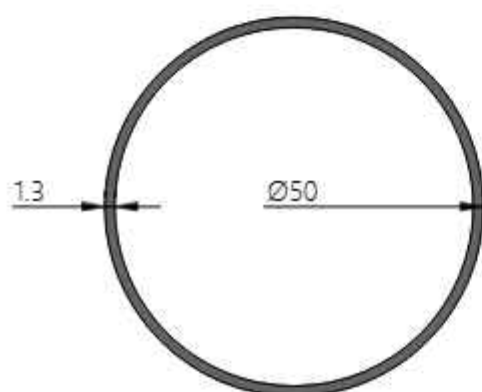
Profile Name	Profile Code	Weight (Kg/m)
Perssure Plate Profile	51062	0.920



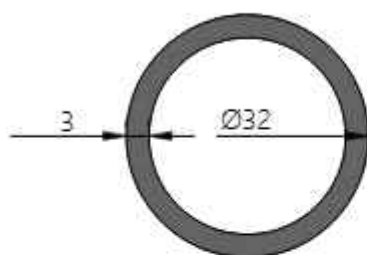
Profile Name	Profile Code	Weight (Kg/m)
Cover Cap	522504	0.069



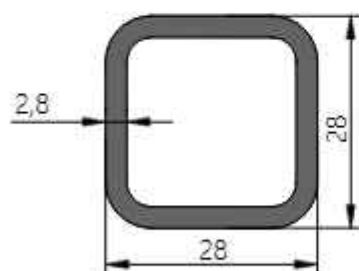
Profile Name	Profile Code	Weight (Kg/m)
Perssure Plate Profile	51010	0.835



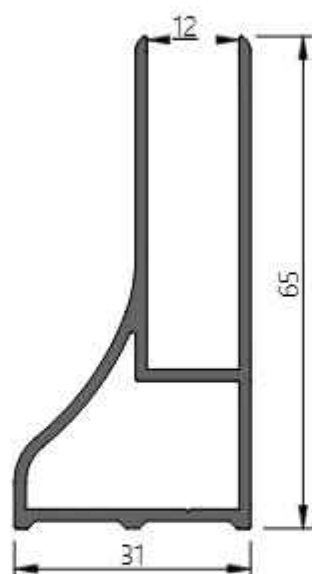
Profile Name	Profile Code	Weight (Kg/m)
-	522549	0.539



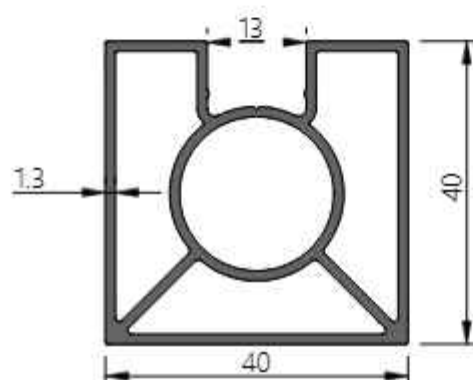
Profile Name	Profile Code	Weight (Kg/m)
-	522511	0.185



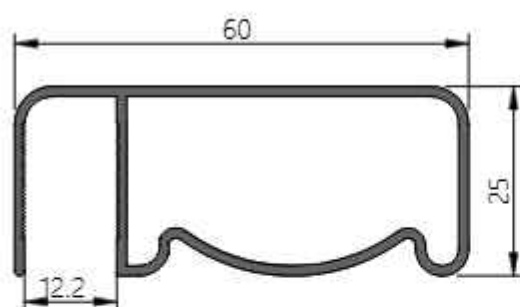
Profile Name	Profile Code	Weight (Kg/m)
-	522539	0.176



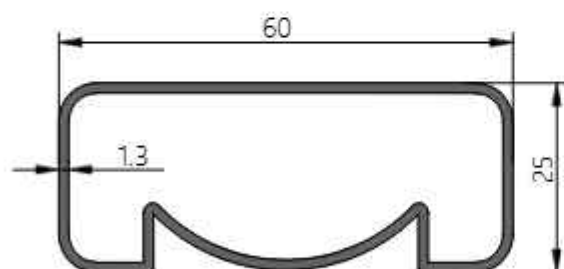
Profile Name	Profile Code	Weight (Kg/m)
Glass Stuck	52256	0.767



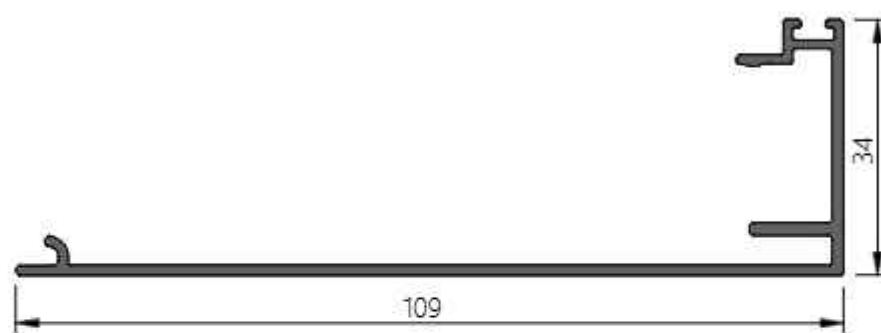
Profile Name	Profile Code	Weight (Kg/m)
Round Handrail	522537	0.914



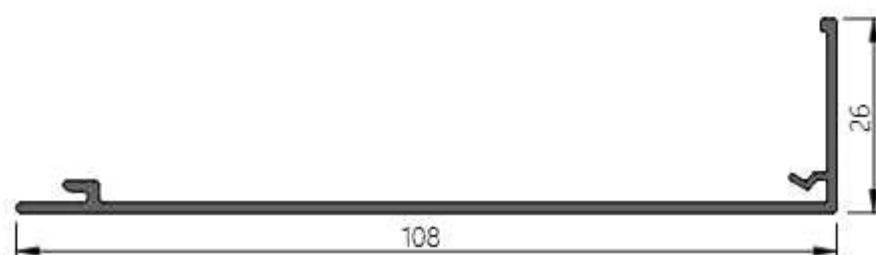
Profile Name	Profile Code	Weight (Kg/m)
Round Handrail	522580	0.622



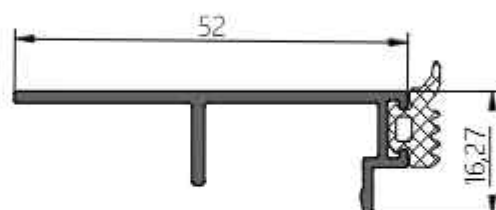
Profile Name	Profile Code	Weight (Kg/m)
Round Handrail	522559	0.622



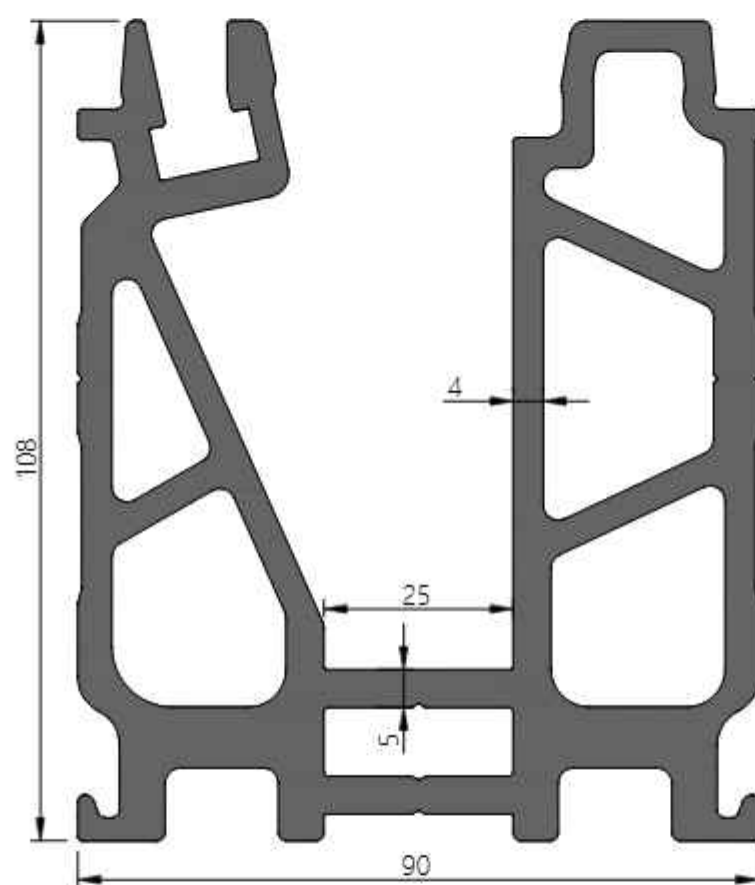
Profile Name	Profile Code	Weight (Kg/m)
Cover Profile	52041	0.630



Profile Name	Profile Code	Weight (Kg/m)
Cover Profile	51041	0.505

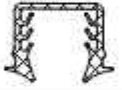
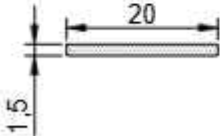
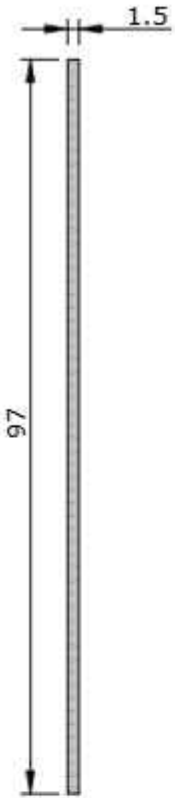


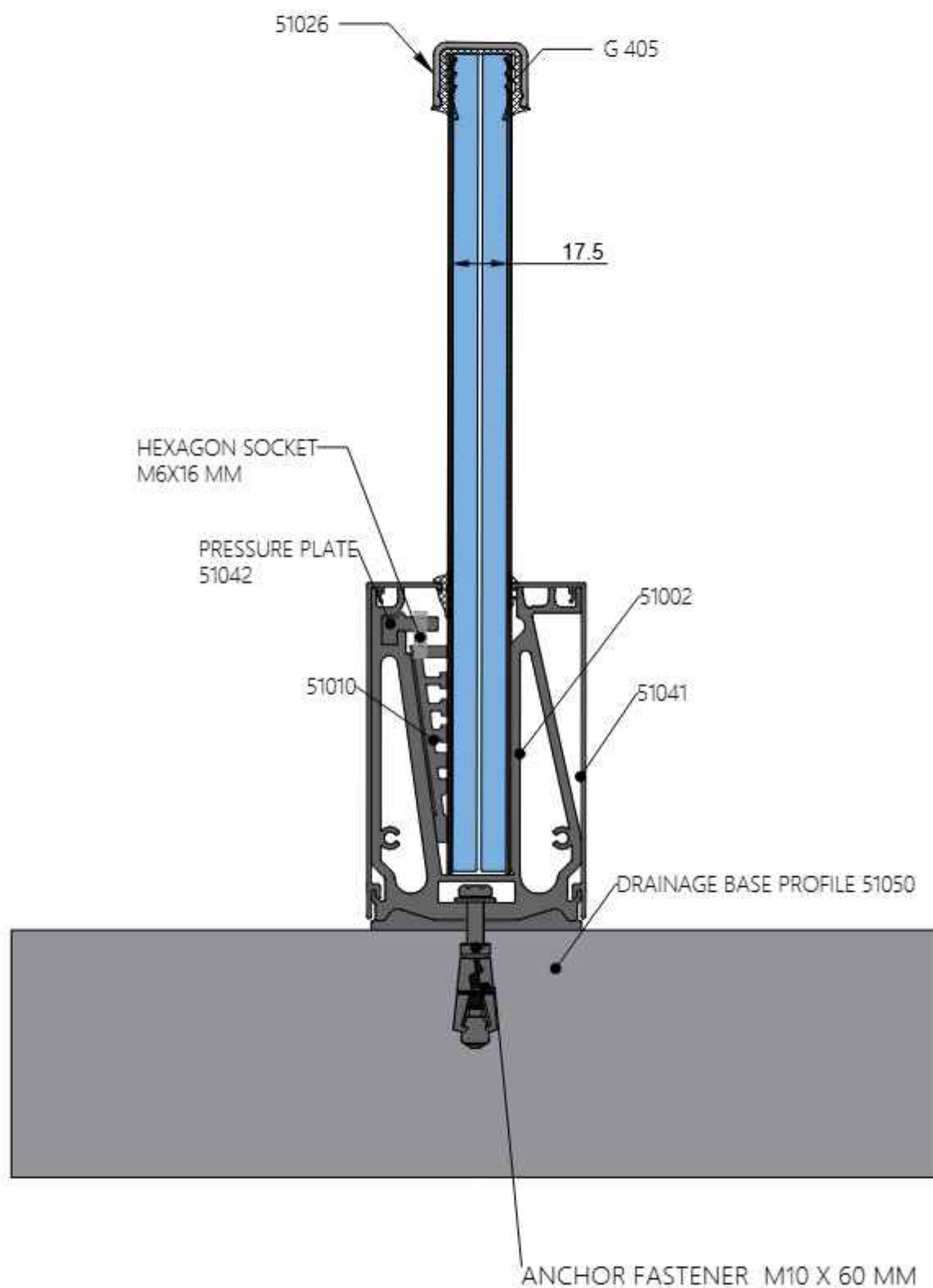
Profile Name	Profile Code	Weight (Kg/m)
Base Cover	52043	0.322

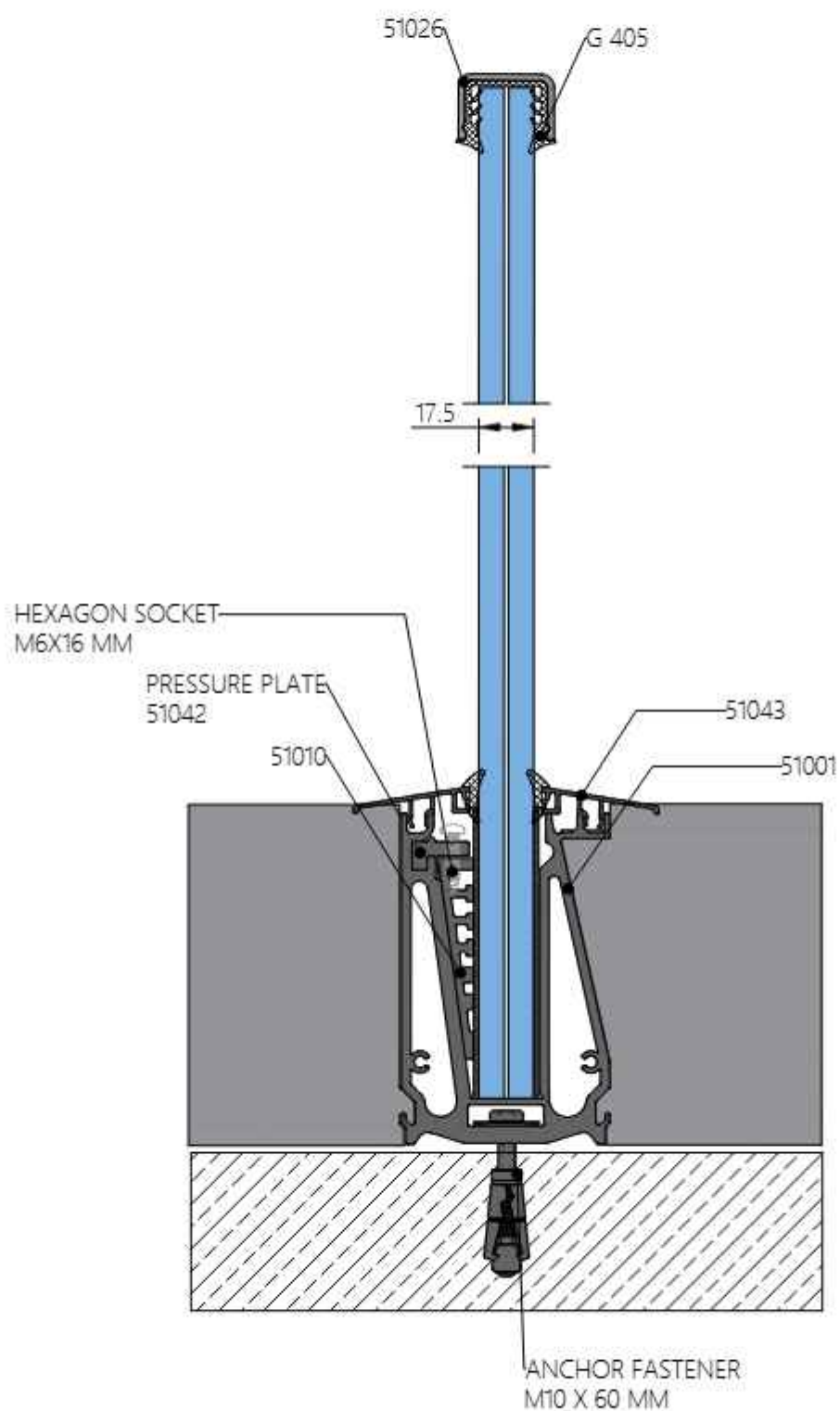


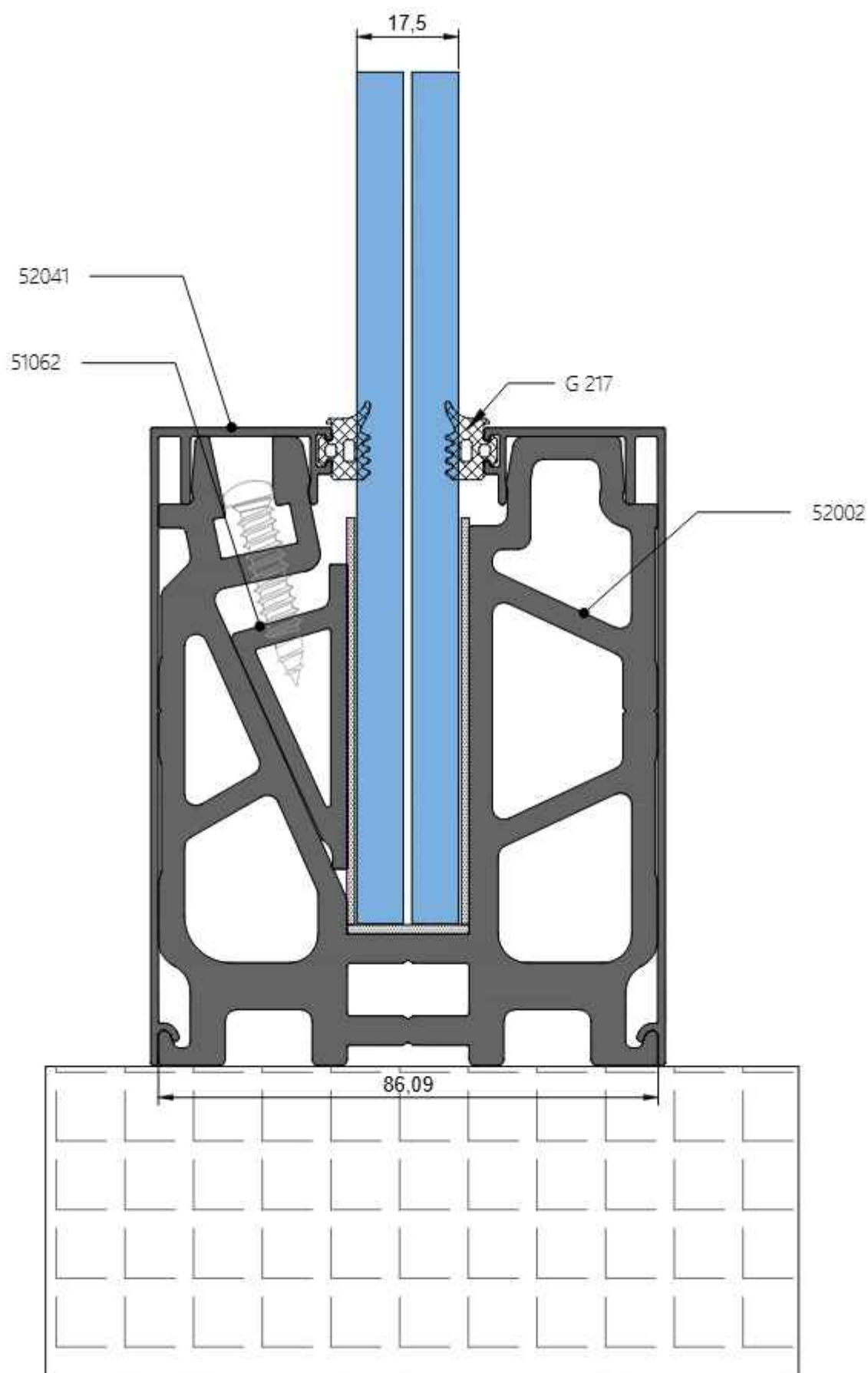
Profile Name	Profile Code	Weight (Kg/m)
Base Profile	52002	8.280

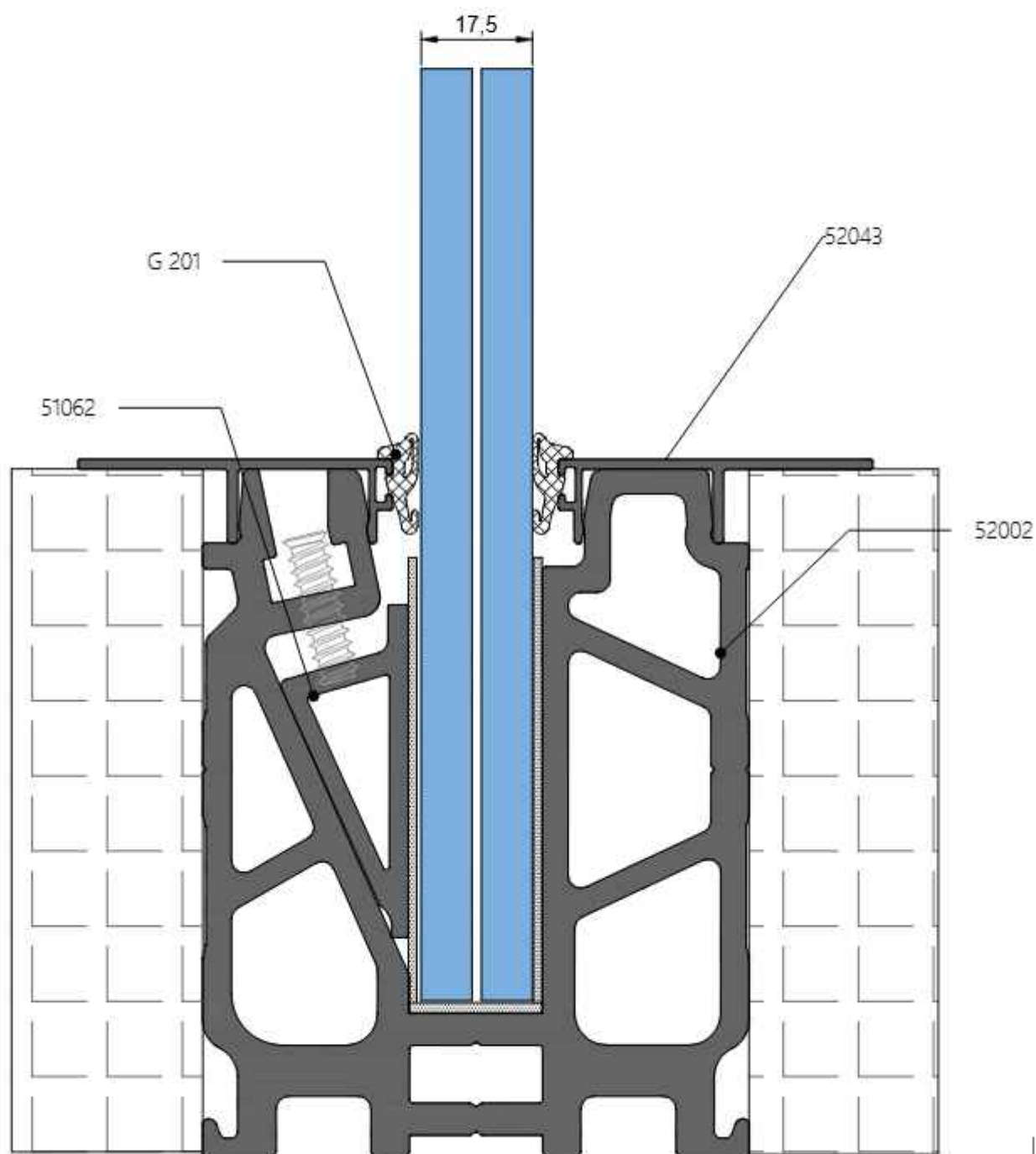
ACCESSORIES

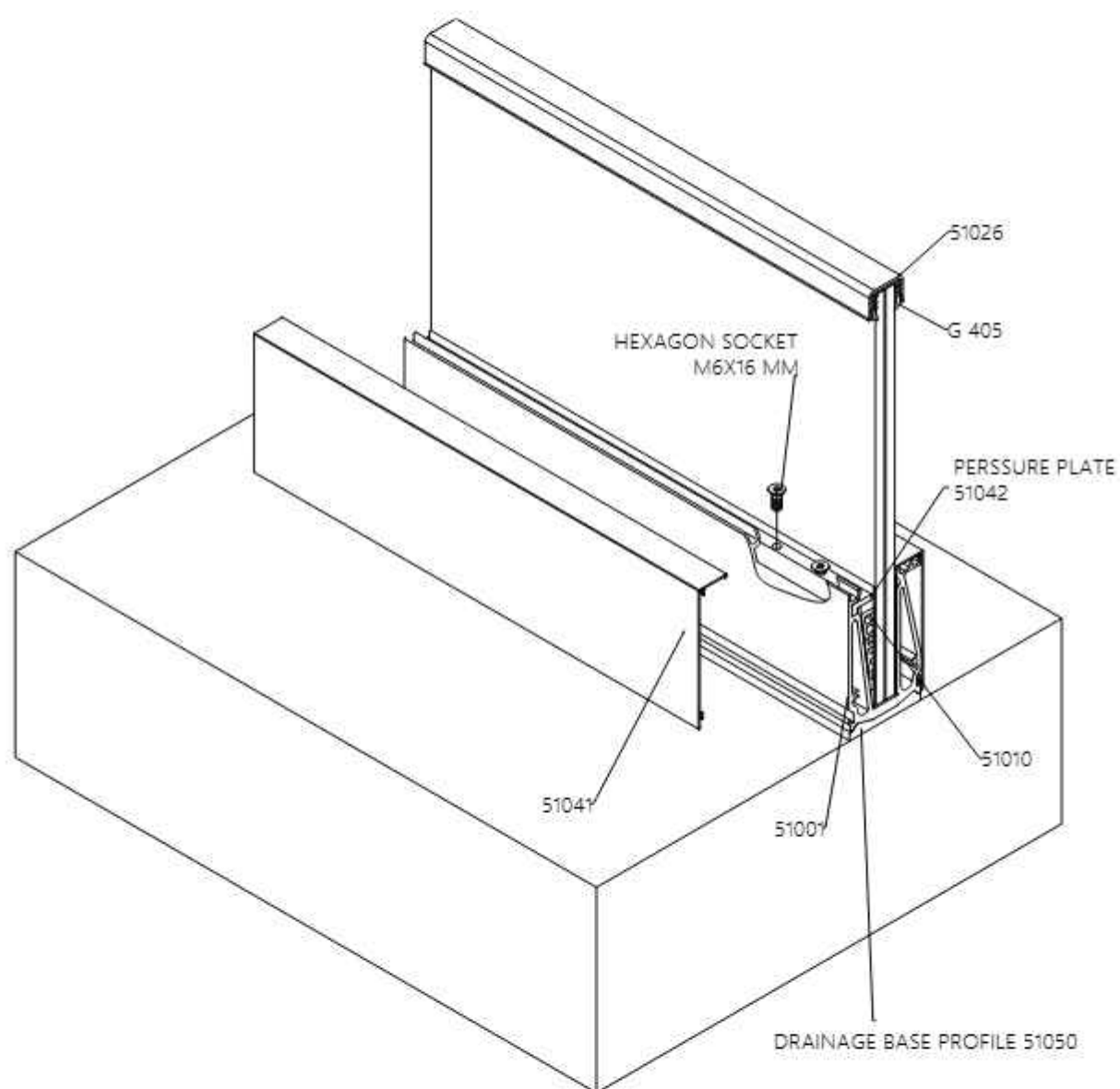
Drawing	Code	Description	Material
	G 108	Interior Glazing Gasket 2mm	EPDM
	G 405	Handrail Gasket	
	SP 52	Spacer	PVC
	SP 51	Spacer	











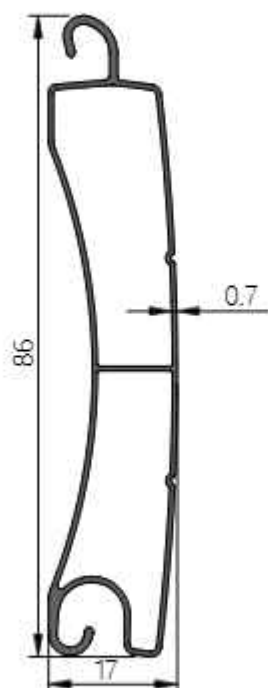
ROLL SHUTTER



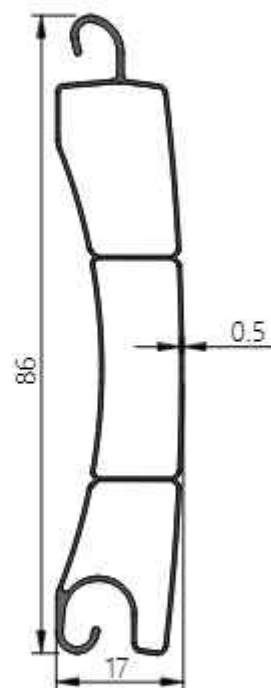
NOTE

OVERVIEW OF PROFILES

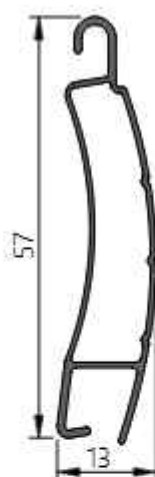
DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE <i>I_x(cm⁴) / I_y (cm⁴)</i>
	7001	0.436	Blade	12.86 / 0.56
	7003	0.330	Blade	9.92 / 0.41
	7004	0.267	Blade	3.22 / 0.16
	7020	0.508	Blade	16.27 / 0.77
	7025	0.667	Rail Profile	10.86 / 5.71
	7026	0.455	Rail Profile	3.01 / 1.89
	50706	1.671	Termal Blade	131.9 / 8.99



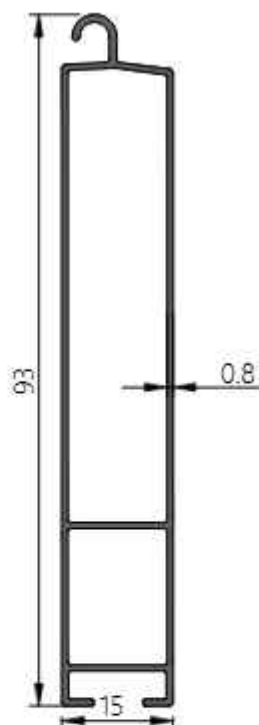
Profile Name	Profile Code	Weight (Kg/m)
Blade	507001	0.436



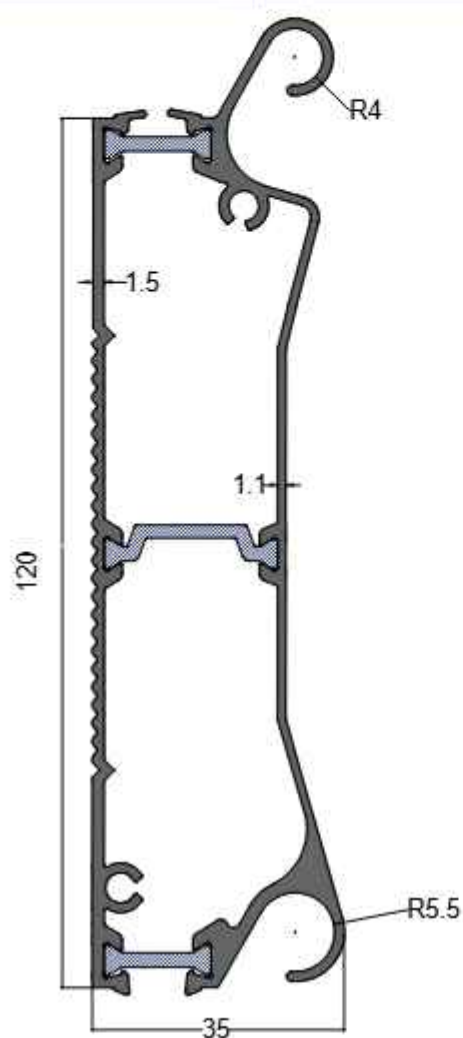
Profile Name	Profile Code	Weight (Kg/m)
Blade	507003	0.330



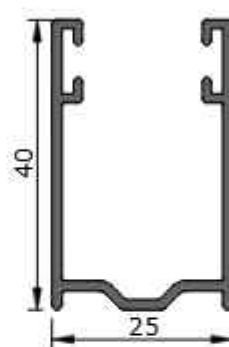
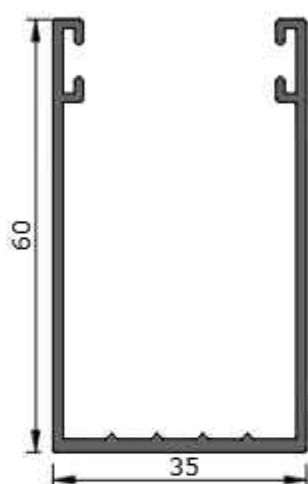
Profile Name	Profile Code	Weight (Kg/m)
Blade	507004	0.267



Profile Name	Profile Code	Weight (Kg/m)
Blade	507020	0.508

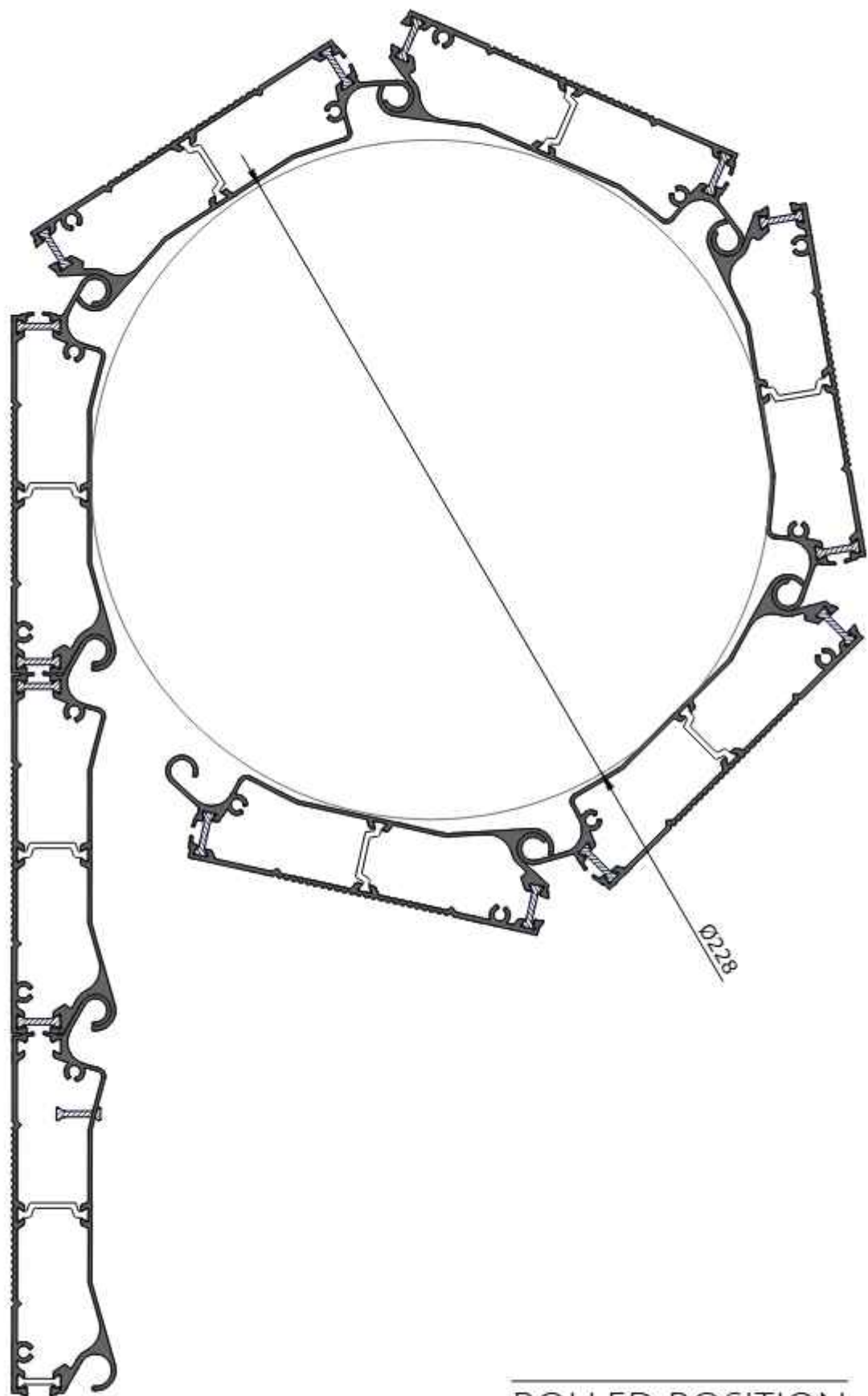


Profile Name	Profile Code	Weight (Kg/m)
Termal Blade	50706	1671 gr/m



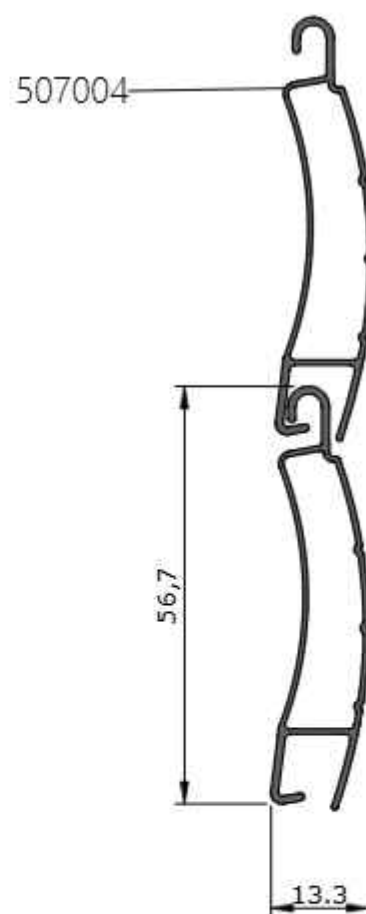
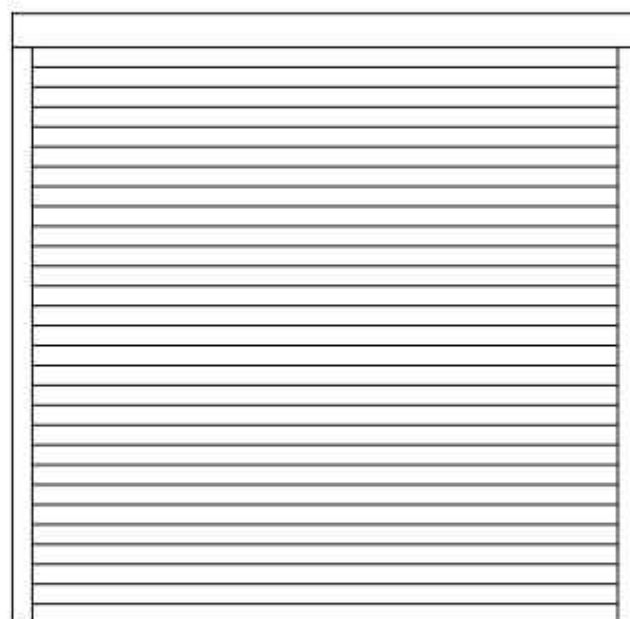
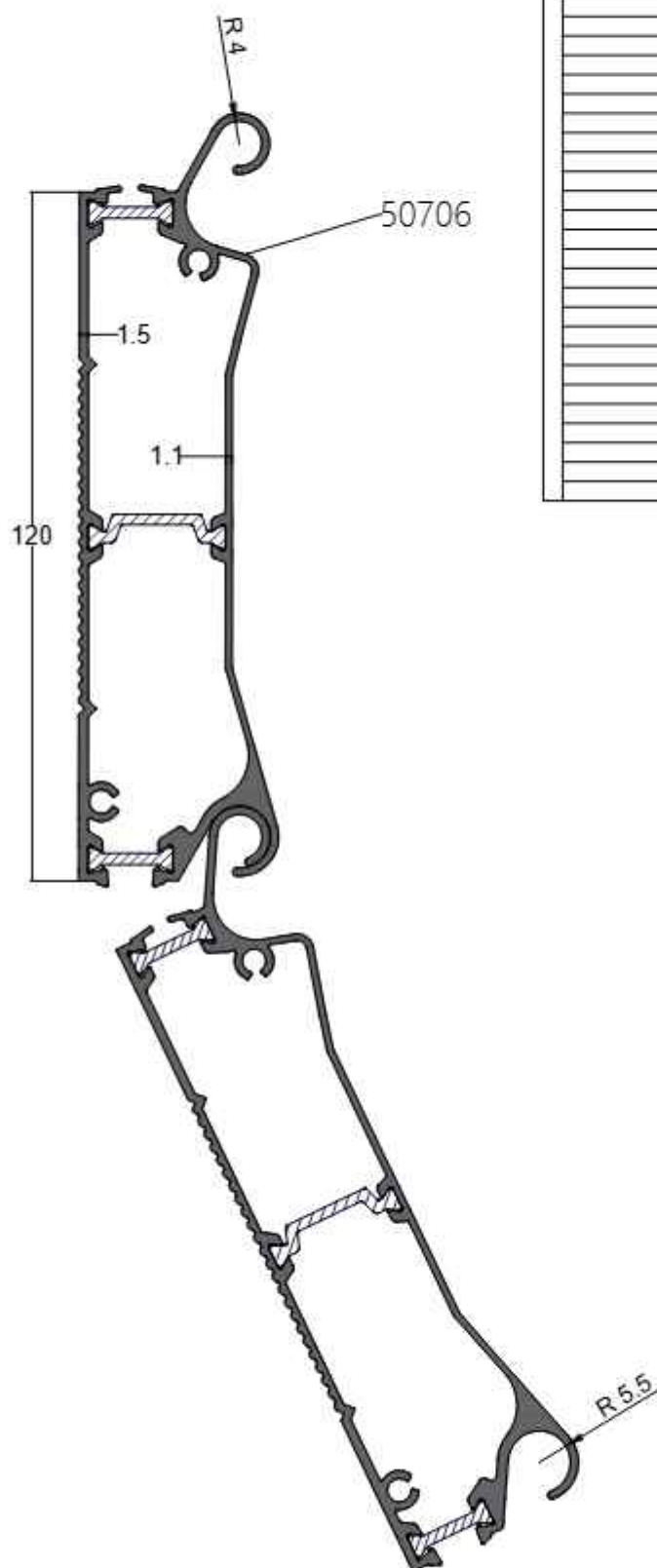
Profile Name	Profile Code	Weight (Kg/m)
Rail Profile	5506	0.667

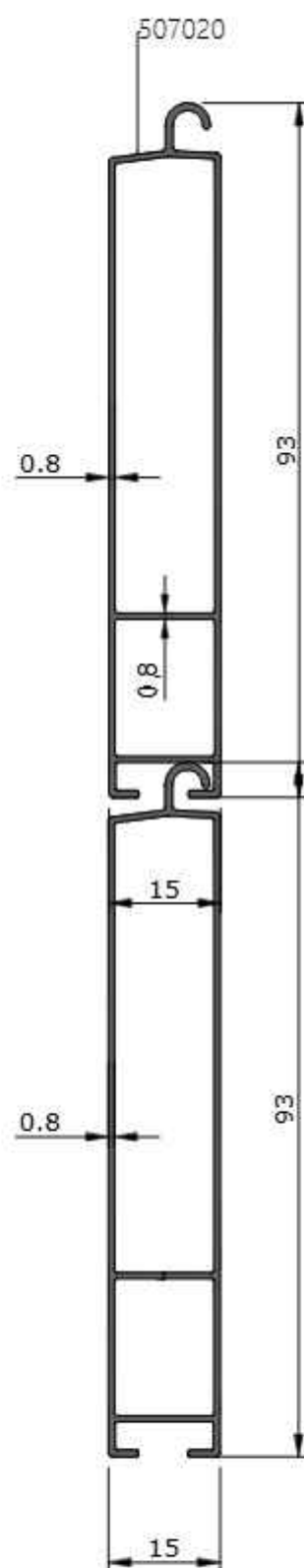
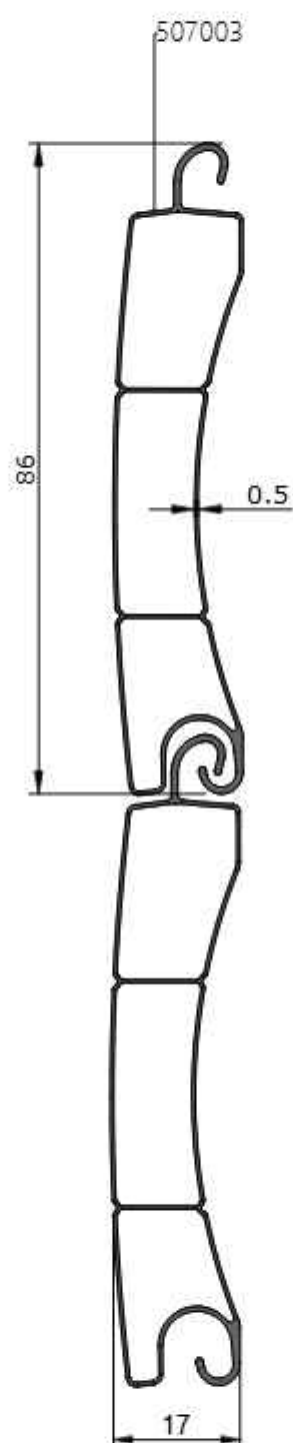
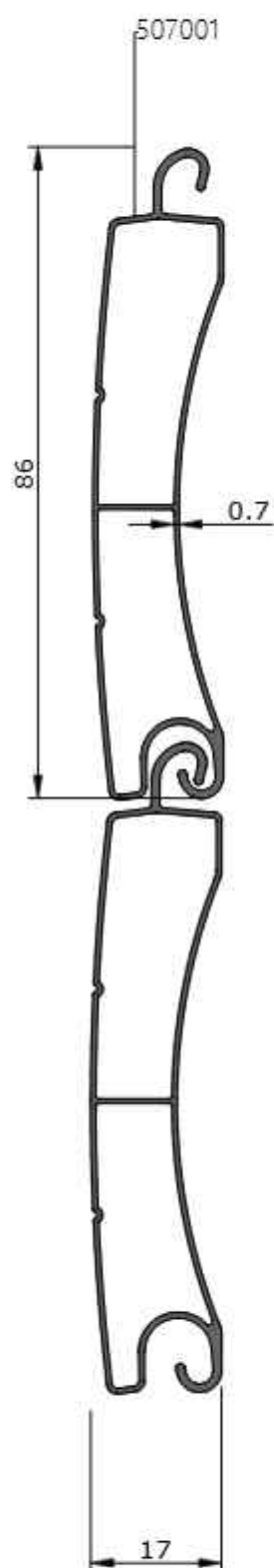
Profile Name	Profile Code	Weight (Kg/m)
Rail Profile	507026	0.455

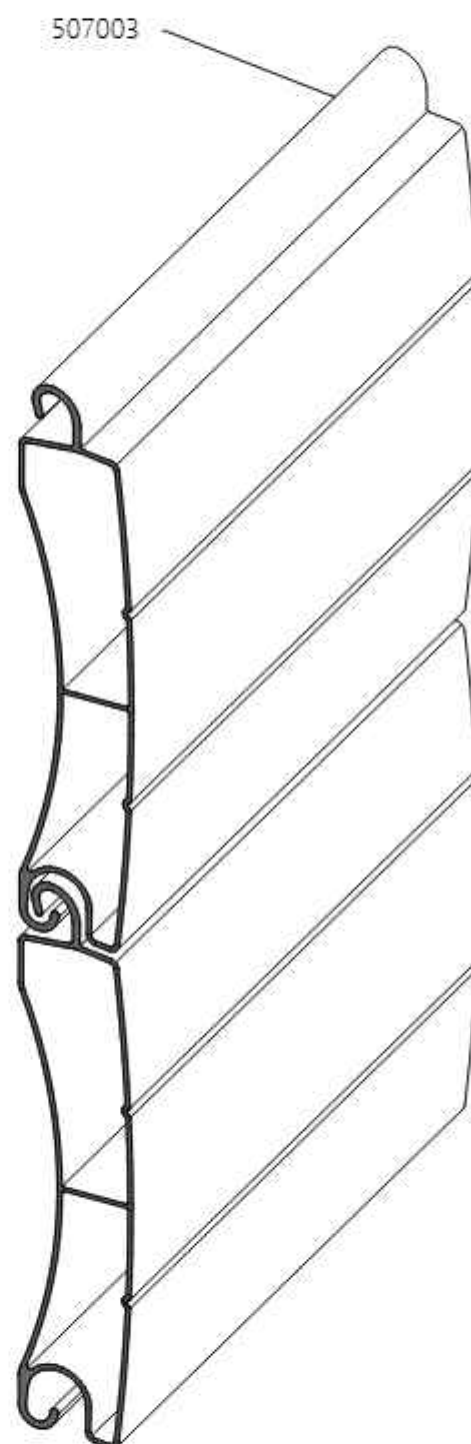
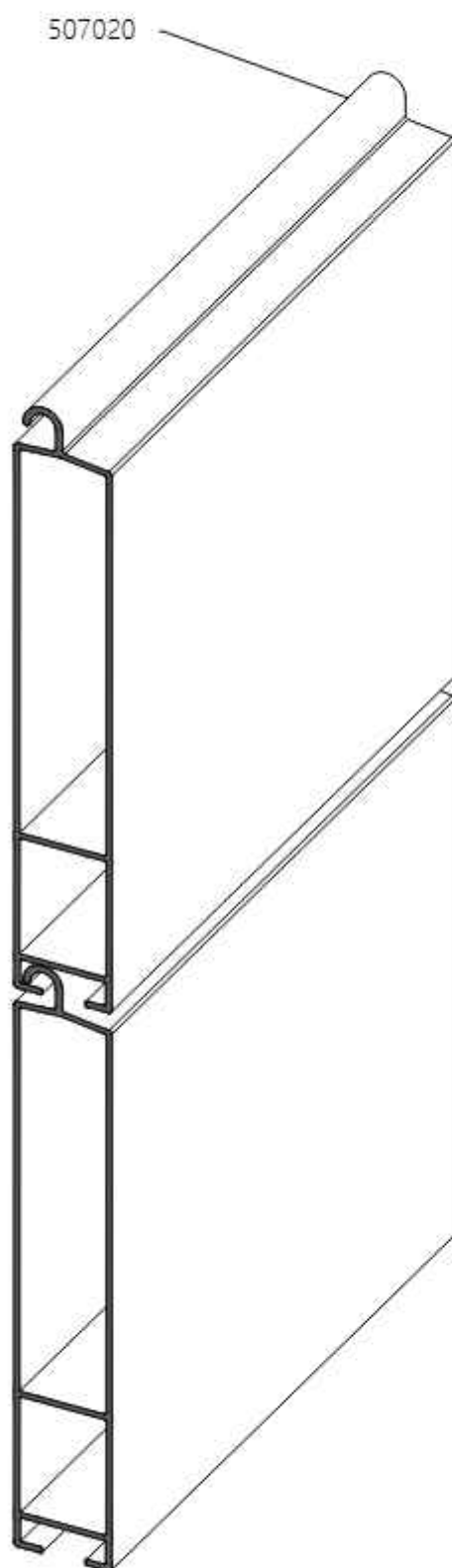


ROLLED POSITION

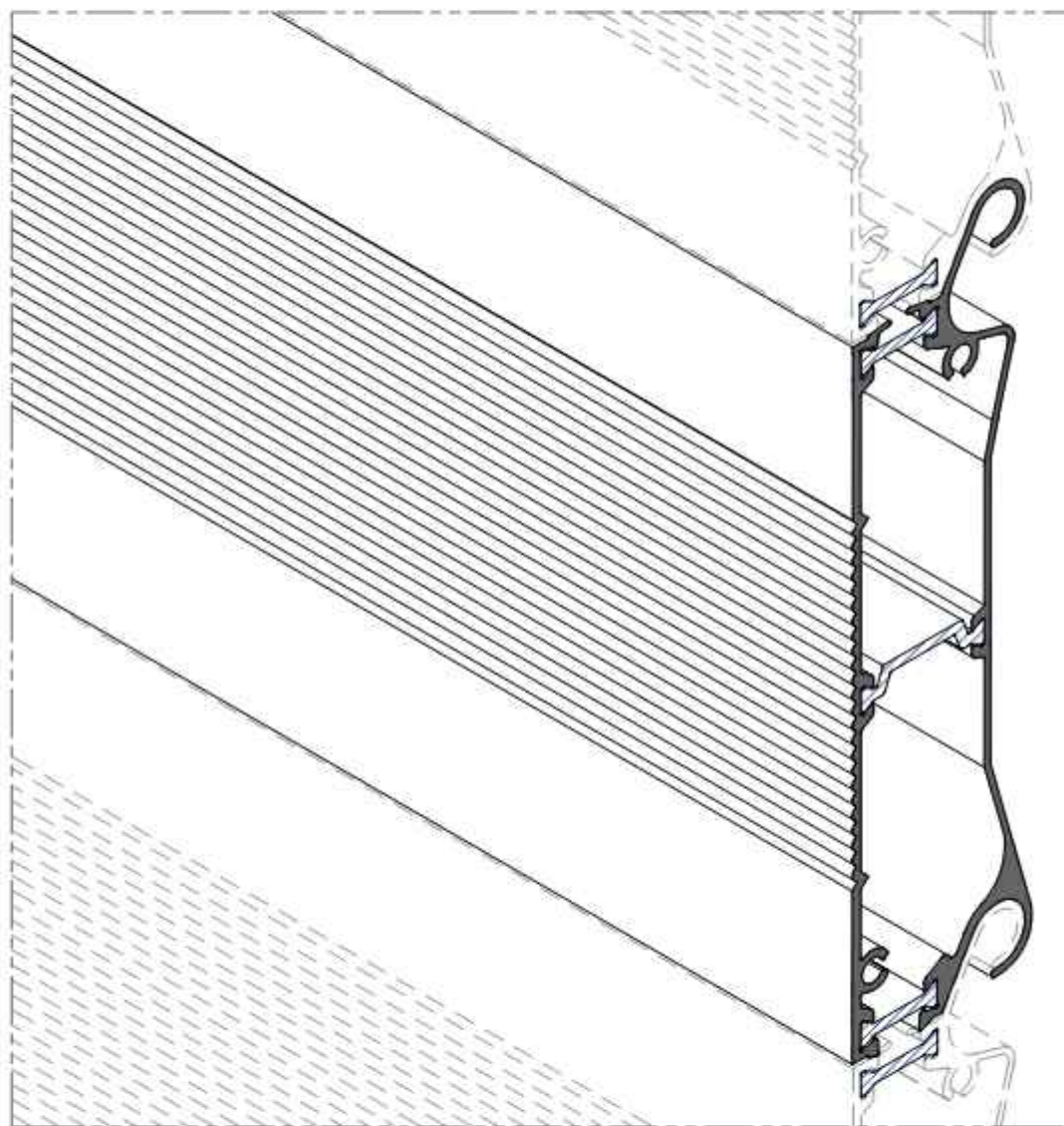
quindi



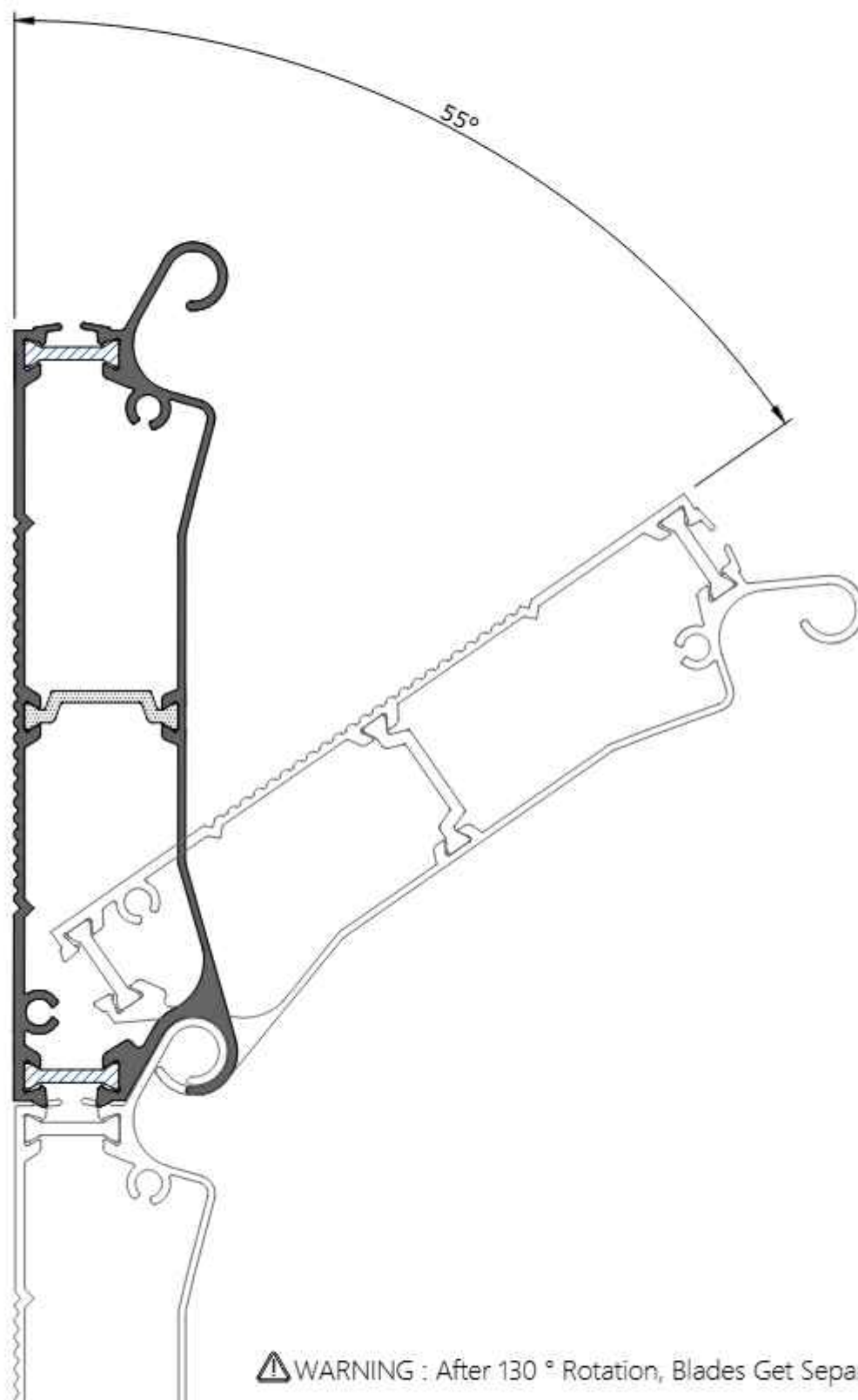




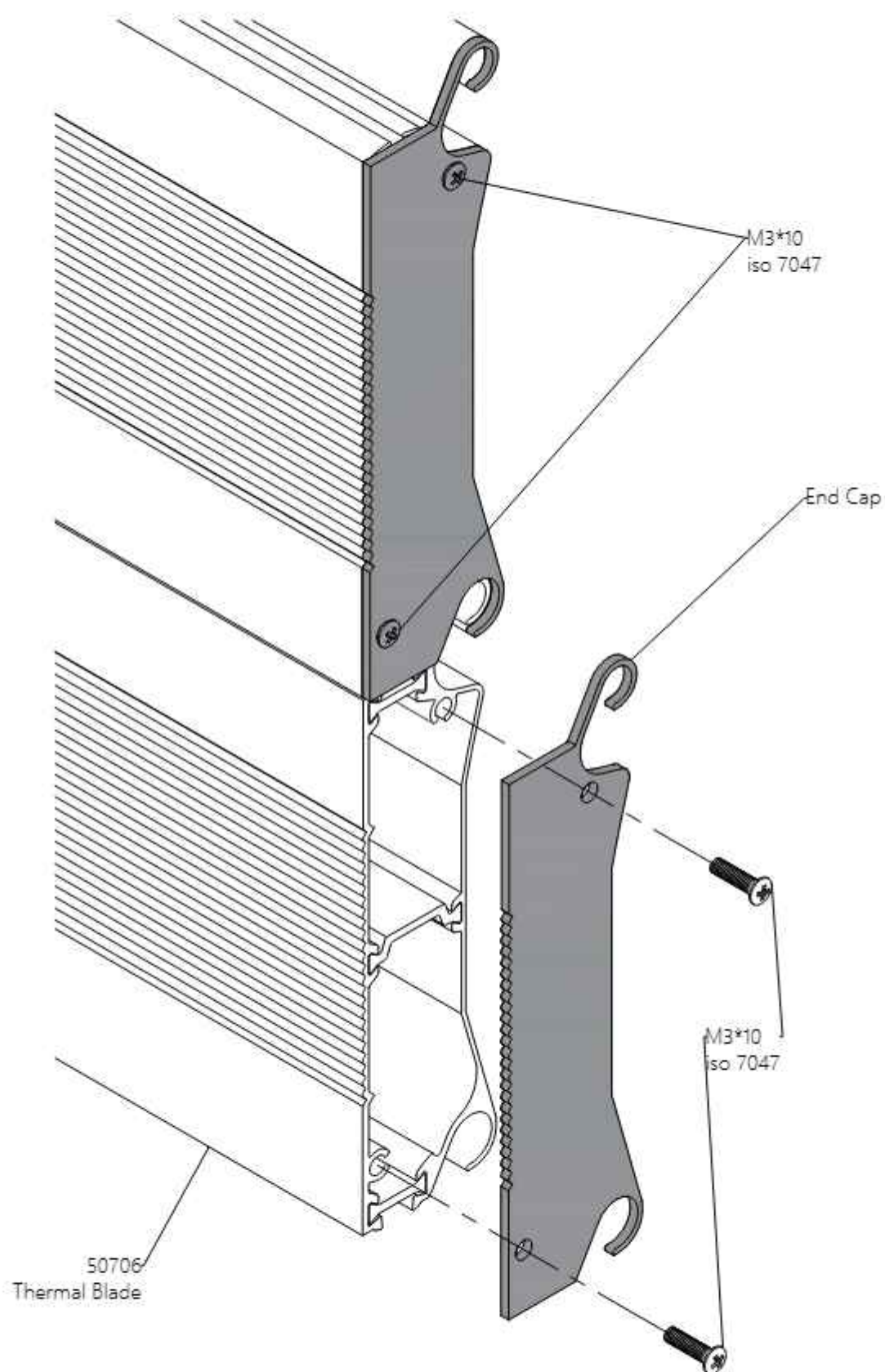
ROLL SHUTTERS POSITION



ITS GONNA ROTATE FOR 55° WITHOUT ANY STOP AND SO SMOTH
BUT ITS GONNA CHANGE POSITION AFTER 55°



⚠ WARNING : After 130 ° Rotation, Blades Get Separate .

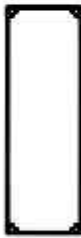


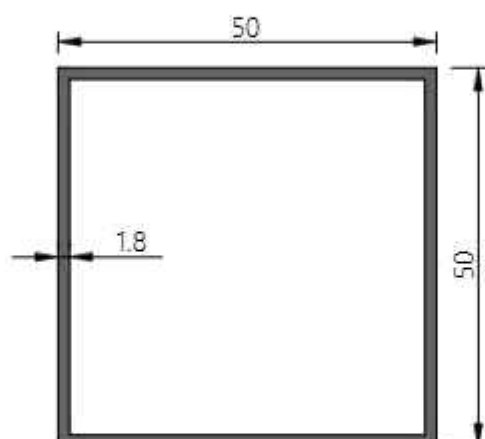
L 50



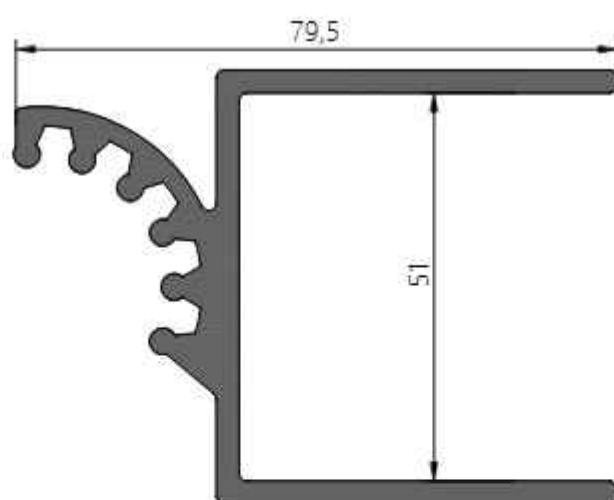
NOTE

OVERVIEW OF PROFILES

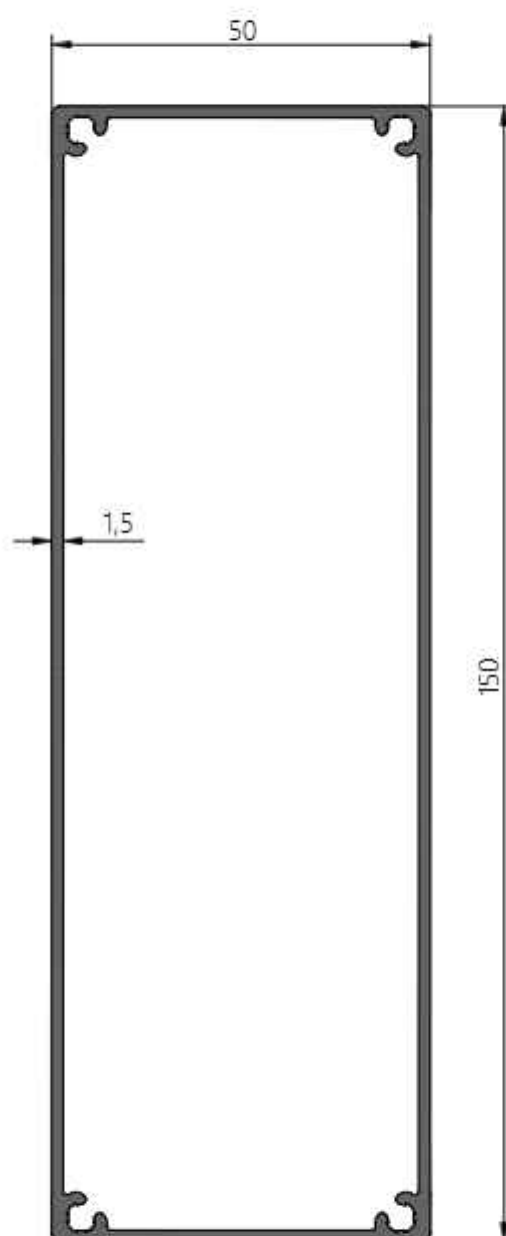
DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE $I_x(\text{cm}^4)$ / $I_y(\text{cm}^4)$
	7712	3.250	Rectangle Louvre	642.30 / 65.62
	10409	0.850	Rectangle Louvre	/
	7711	2.330	Rotational profile louvre	34.96 / 23.58
	7510	1.810	Rotational profile louvre	7.6 / 41.19
	7843	1.450	Basic profile louvre	18.38 / 4.38
	2205	0.550	Pore profiles	0.09 / 13.61
	BE008	0.660	Rectangle Louvre	28.80 / 2.85
	7713	1.700	Rectangle Louvre	181.62 / 30.80



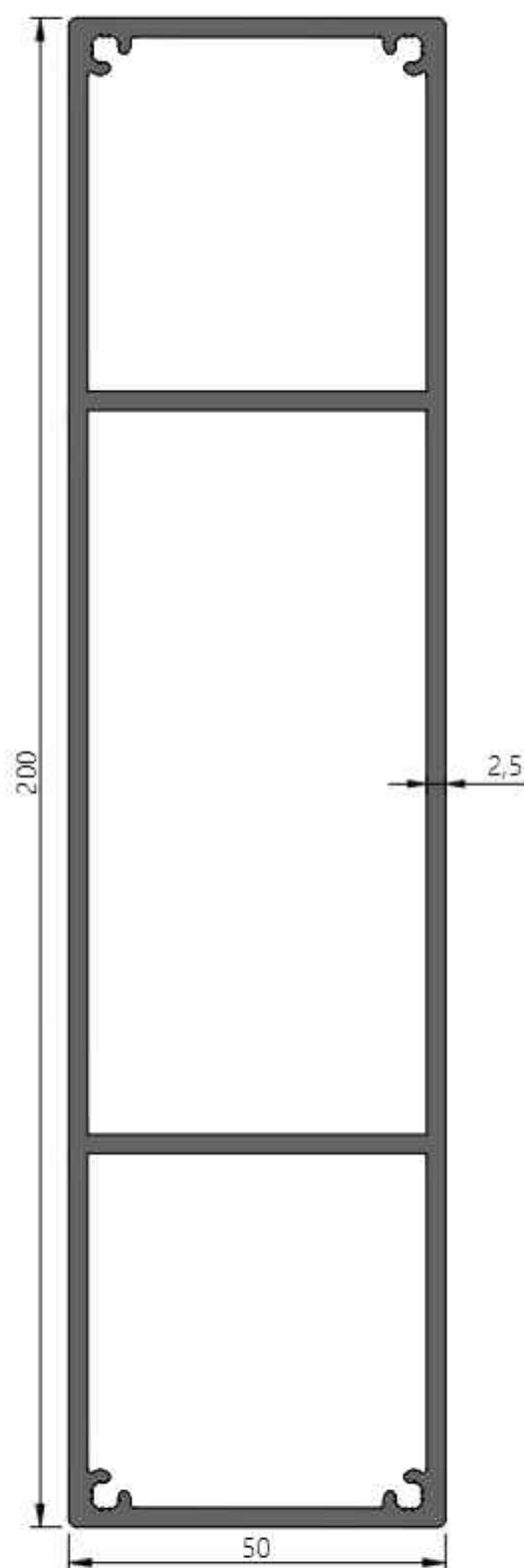
Profile Name	Profile Code	Weight (Kg/m)
Rectangle Louvre	10409	0.850



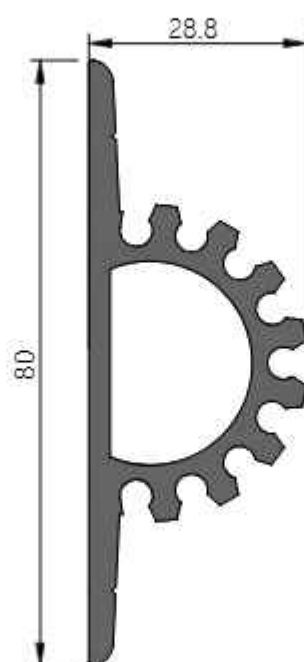
Profile Name	Profile Code	Weight (Kg/m)
Rotational Profiles Louvre	7711	2.330



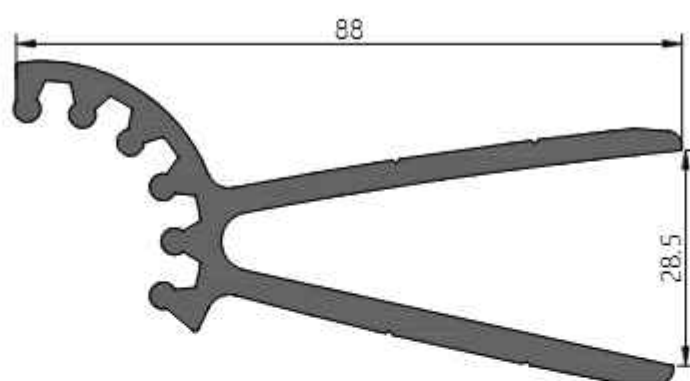
Profile Name	Profile Code	Weight (Kg/m)
Rectangle Louvre	7713	1.700



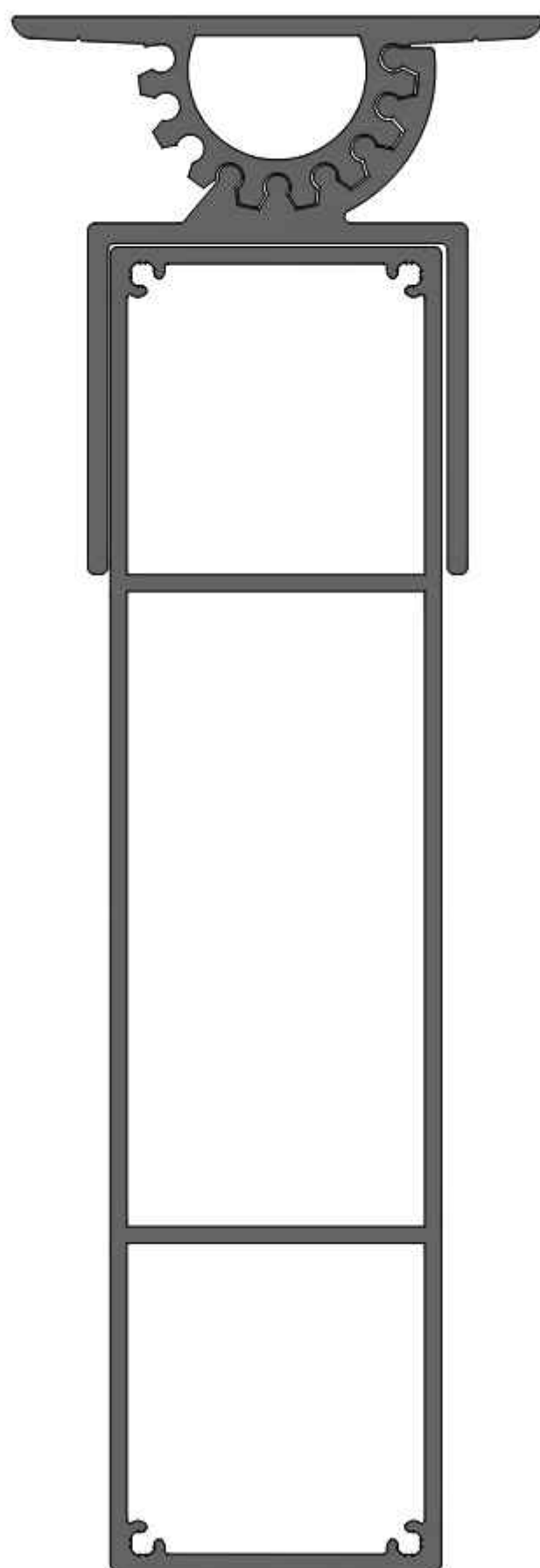
Profile Name	Profile Code	Weight (Kg/m)
Rectangle Louvre	7712	3.250

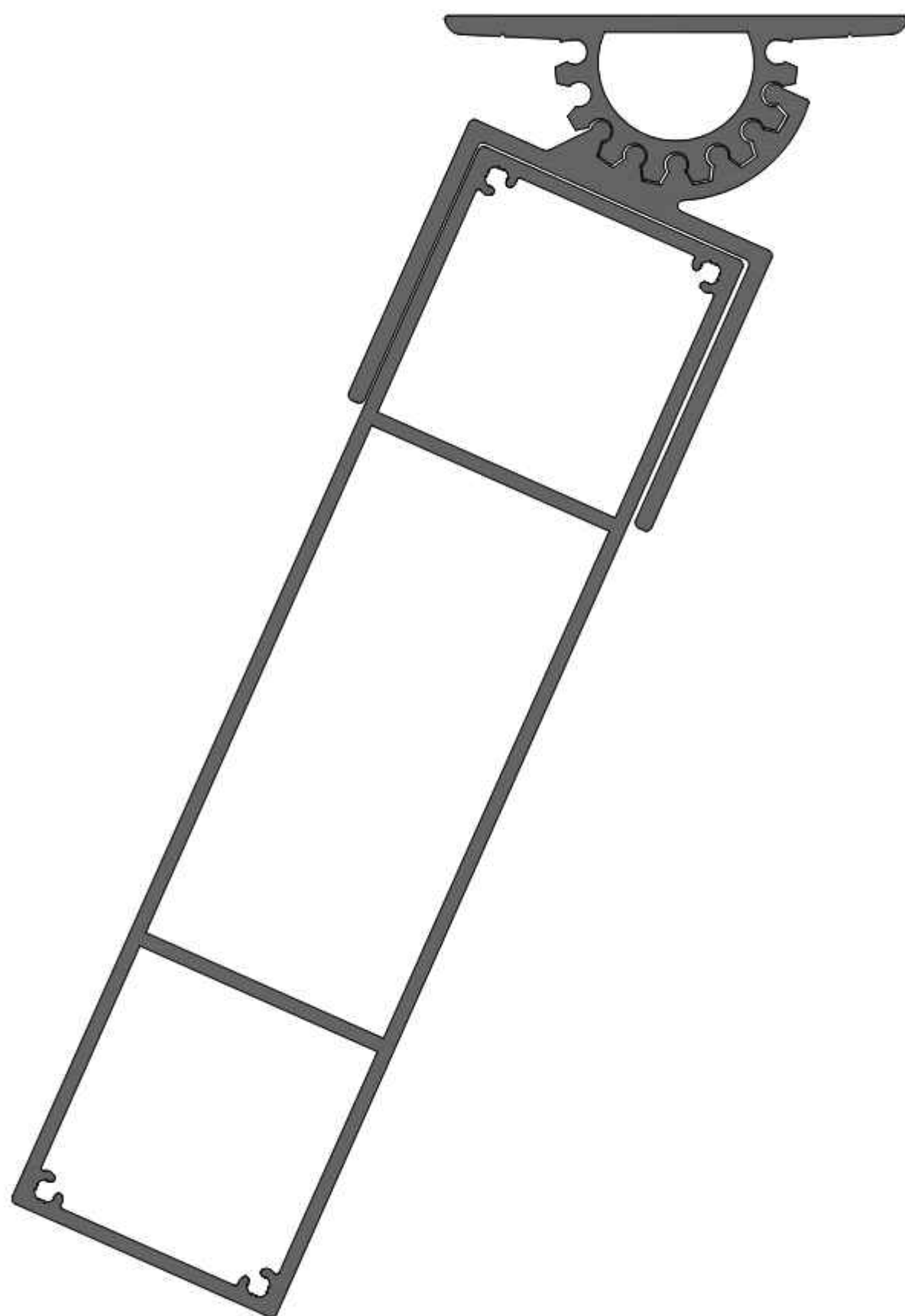


Profile Name	Profile Code	Weight (Kg/m)
Basic Profiles Louvre	7843	1.450



Profile Name	Profile Code	Weight (Kg/m)
Rotational Profiles Louvre	7510	1.810

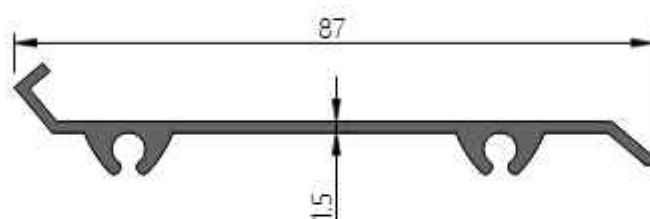




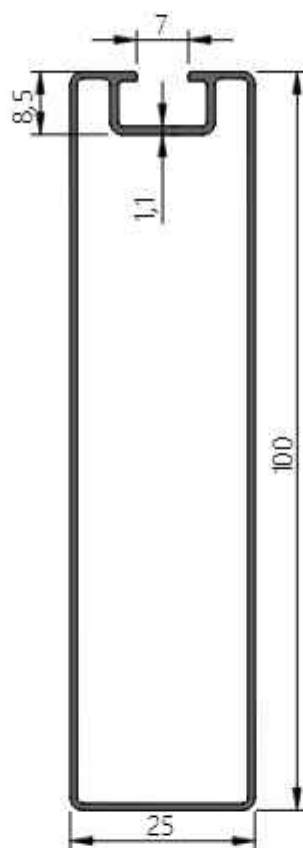
L 50

Ceiling Louvre





Profile Name	Profile Code	Weight (Kg/m)
Pore Profiles	2205	0.550



Profile Name	Profile Code	Weight (Kg/m)
Rectangle Louvre	BE008	0.660

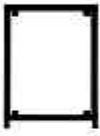
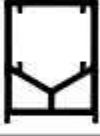
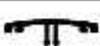
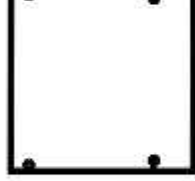
NOTE

PERGOLA

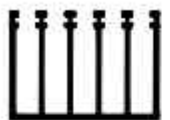
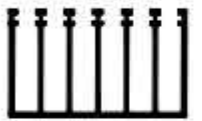
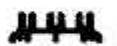
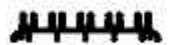
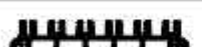


NOTE

OVERVIEW OF PROFILES

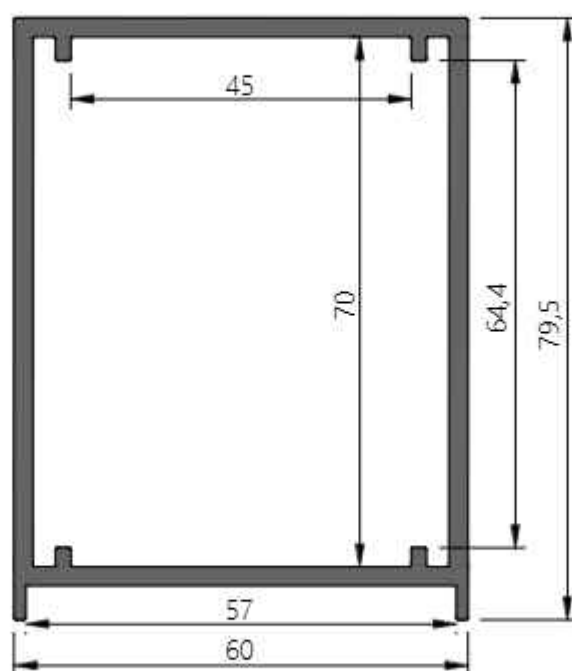
DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE I_x(cm⁴) / I_y (cm⁴)
	1181	1.853	Glass Holder	58.41 / 40.36
	1182	2.704	Rainforced Glass Holder	70.18 / 50.74
	1183	0.627	Glass Holder	1.18 / 4.23
	1184	0.421	Cover Profile	0.19 / 4.51
	1185	0.453	Cover Profile	7.02 / 0.88
	1186	1.825	Rear Hanger	207.68 / 10.4
	12032	1.564	Curved Gutter Cap	95.78 / 6.85
	1484	0.161	Glass Holder	/
	1210	3.456	Column	315.57 / 305.17
	1188	0.631	Glass Holder	1.60 / 15.44

OVERVIEW OF PROFILES

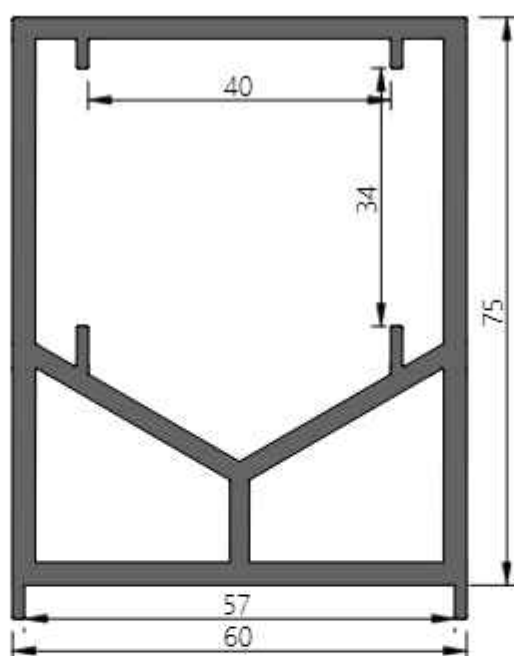
DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE I_x(cm⁴) / I_y (cm⁴)
	1189	0.886	Sliding Lower Wing	1.28 / 10.33
	1190	0.705	Sliding Lower Wing	1.04 / 5.62
	1191	0.289	Bracket	/
	1192	0.378	f Profile	/
	1193	3.728	Column	388.8 / 348.60
	1194	2.206	Triple Top Rail	42.52 / 38.36
	1195	2.717	Four Top Rail	53.26 / 75.81
	1196	3.226	Five Top Rail	63.98 / 131.23
	1197	3.738	Six Top Rail	42.70 / 208
	1198	0.952	Triple Bottom Rail	0.7 / 10.93
	1199	1.2240	Quad Bottom Rail	0.8 / 24.73
	1200	1.498	Five Bottom Rail	1.04 / 46.63
	1201	1.770	Six Bottom Rail	1.21 / 78.42
	1202	0.717	3 side Sewing	4.15 / 36.48
	1207	0.809	4 Side Sewing	4.15 / 36.48

OVERVIEW OF PROFILES

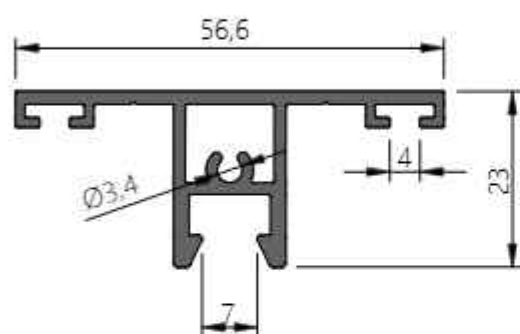
DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE .Ix(cm4) / .Iy (cm4)
	1208	0.900	5 Side Sewing	4.40 / 57.33
	1209	0.902	6 Side Sewing	4.60 / 84.14
	12031	5.744	Radius Gutter	825.18 / 169.88



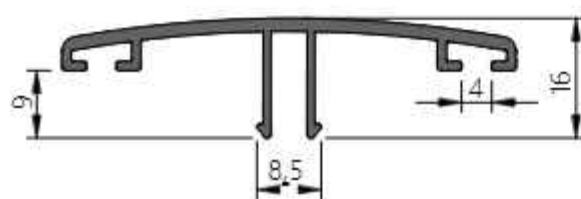
Profile Name	Profile Code	Weight (Kg/m)
Glass Holder	1181	1.853



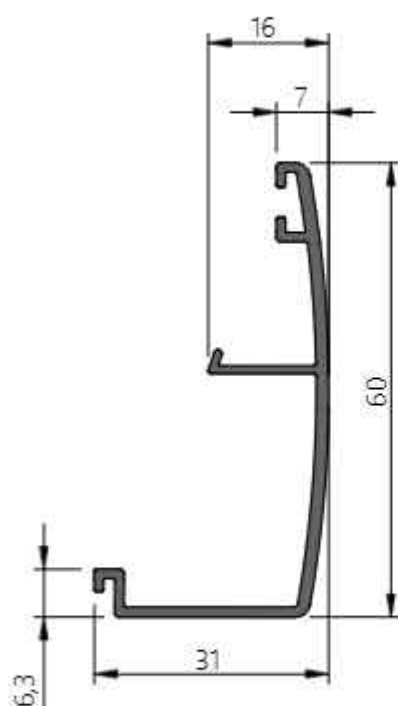
Profile Name	Profile Code	Weight (Kg/m)
Reinforced Glass Holder	1182	2.704



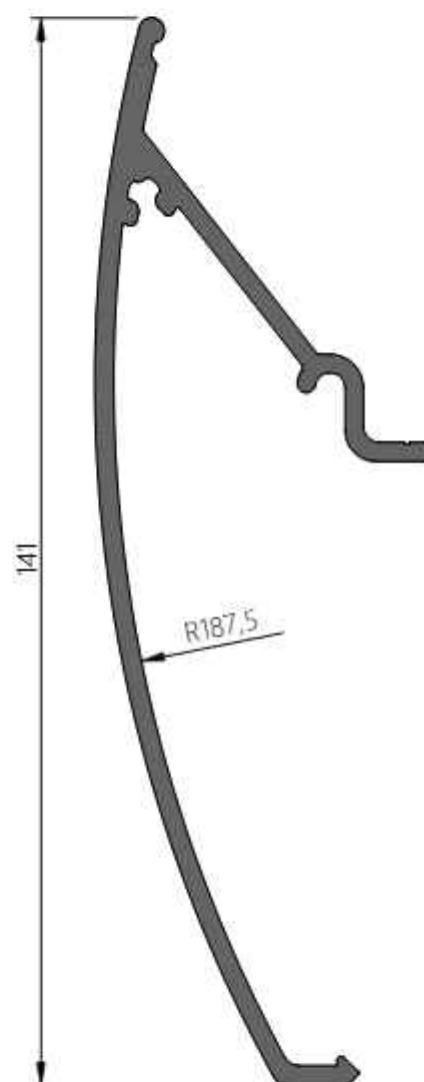
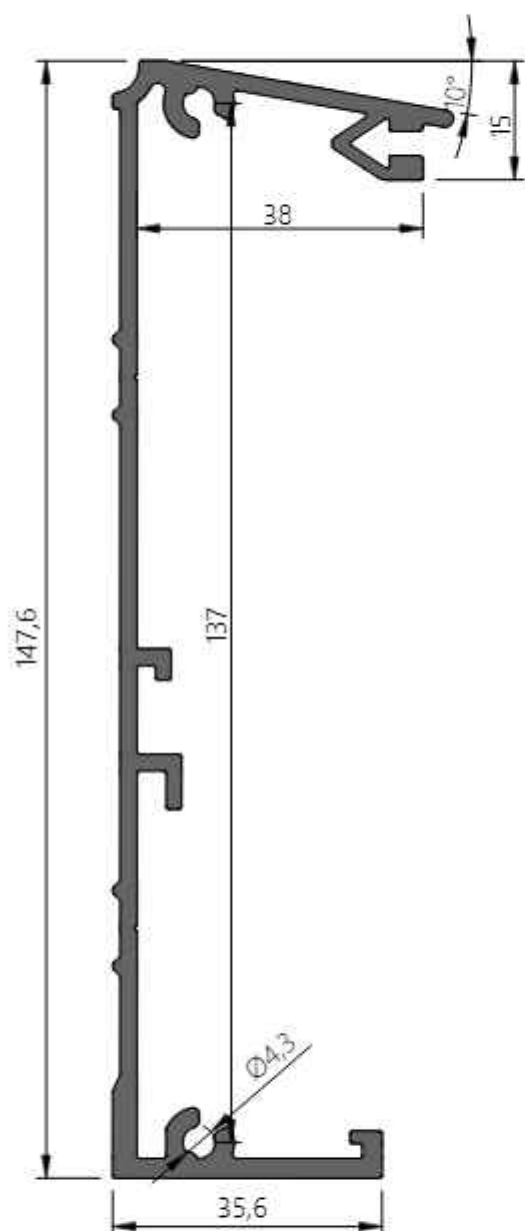
Profile Name	Profile Code	Weight (Kg/m)
Glass Holder	1183	0.627



Profile Name	Profile Code	Weight (Kg/m)
Cover Profile	1184	0.421

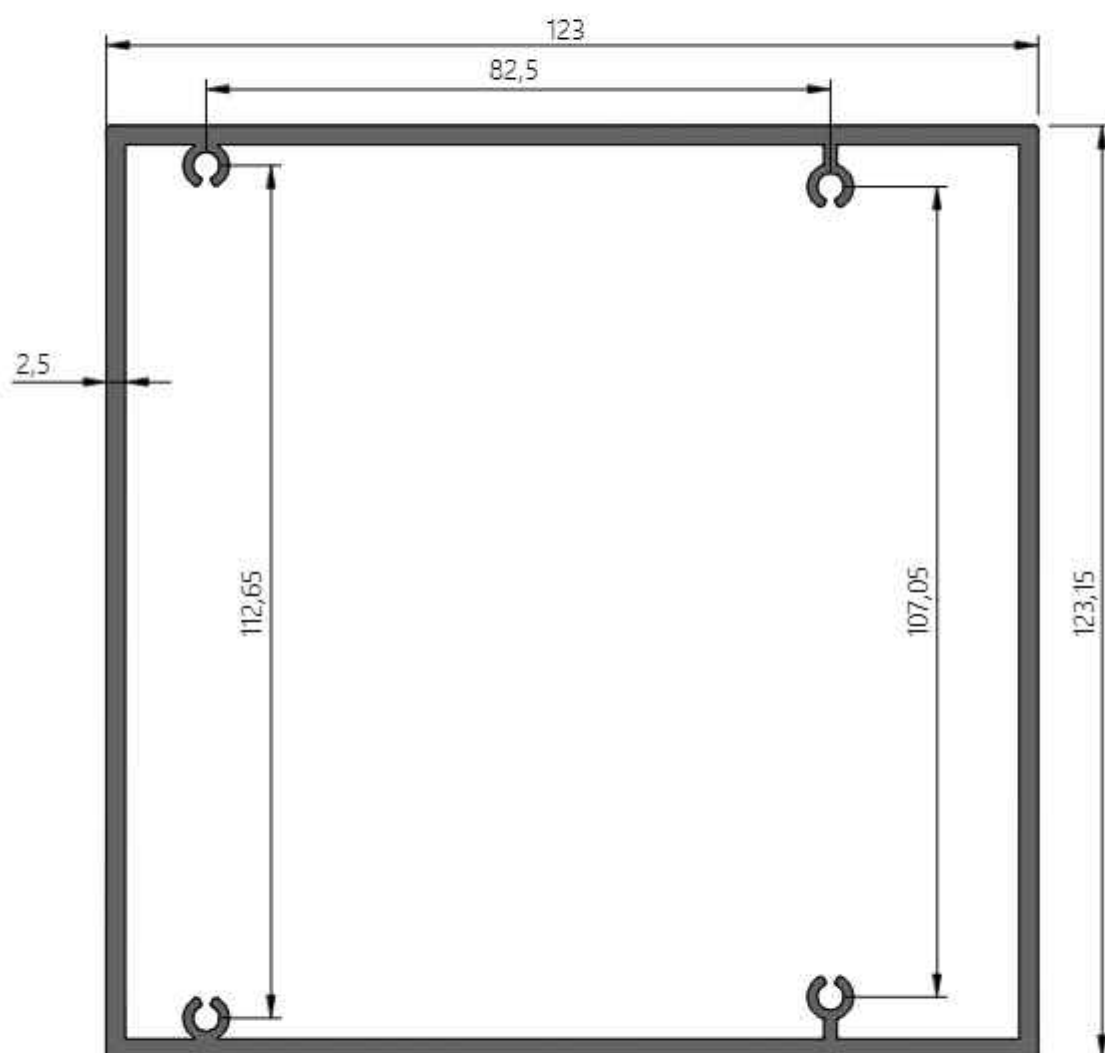


Profile Name	Profile Code	Weight (Kg/m)
Cover Profile	1185	0.453

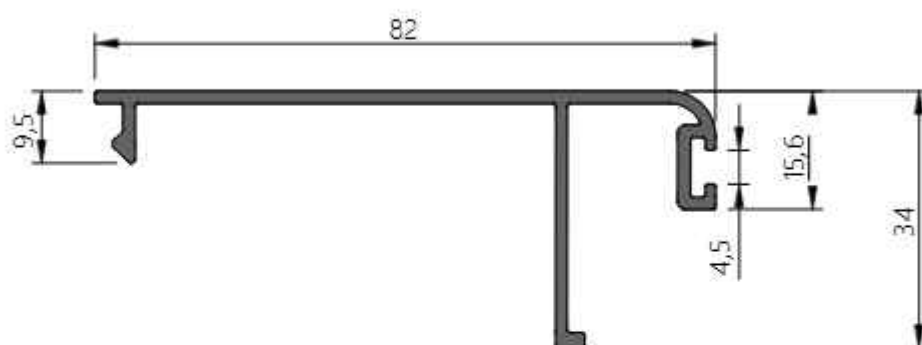


Profile Name	Profile Code	Weight (Kg/m)
Rear Hanger	1186	1.825

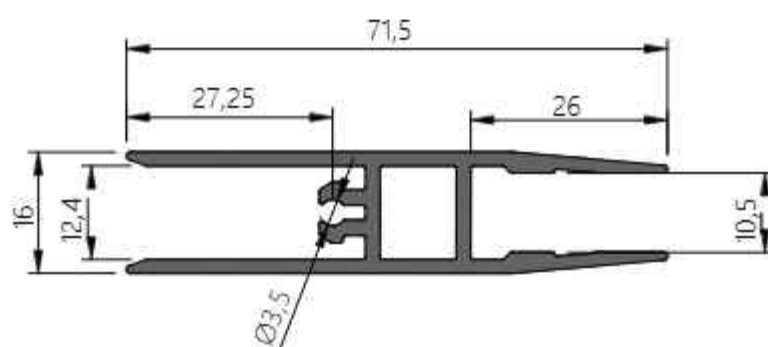
Profile Name	Profile Code	Weight (Kg/m)
Curved Gutter Cap	12032	1.564



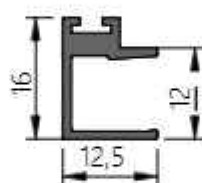
Profile Name	Profile Code	Weight (Kg/m)
Column	1210	3.456



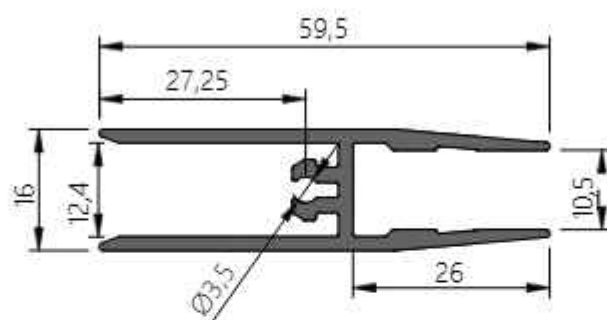
Profile Name	Profile Code	Weight (Kg/m)
Glass Holder	1188	0.631



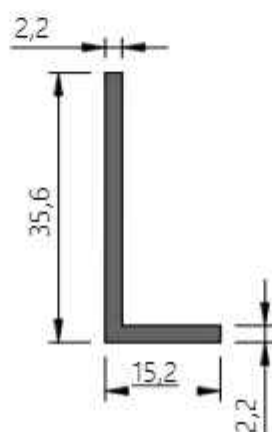
Profile Name	Profile Code	Weight (Kg/m)
Sliding Lower Wing	1189	0.886



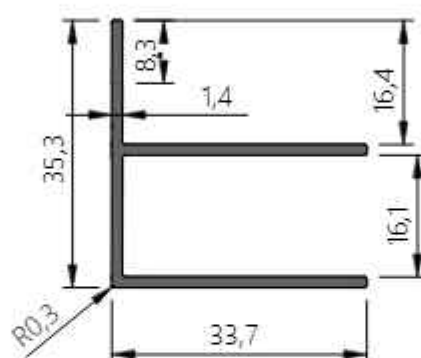
Profile Name	Profile Code	Weight (Kg/m)
Glass Holder	1484	0.161



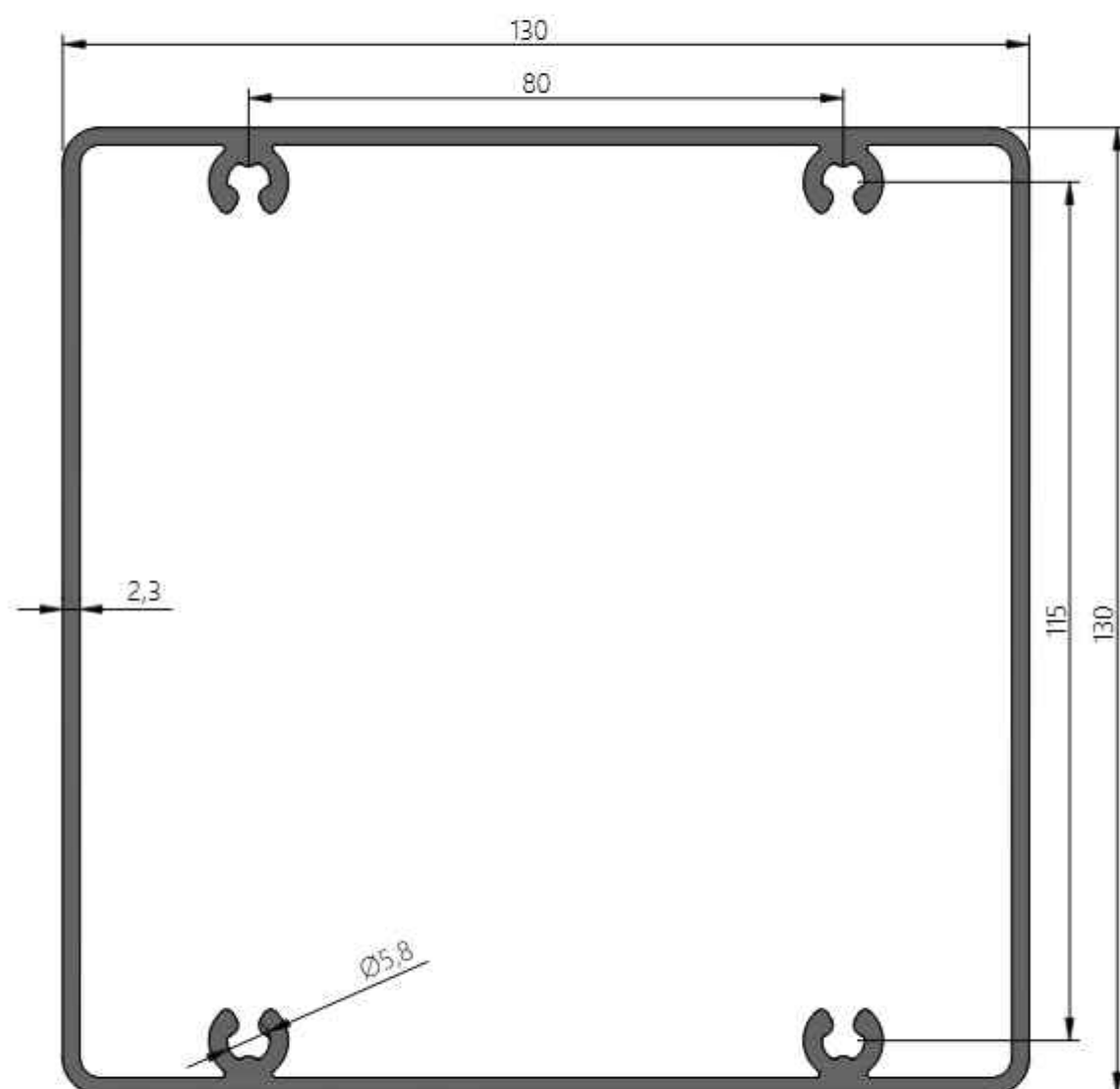
Profile Name	Profile Code	Weight (Kg/m)
Sliding Lower Wing	1190	0.705



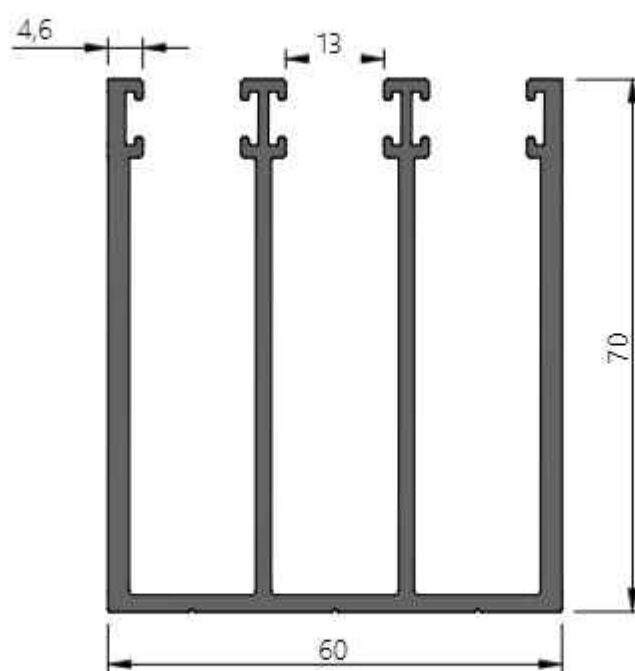
Profile Name	Profile Code	Weight (Kg/m)
Bracket	1191	0.289



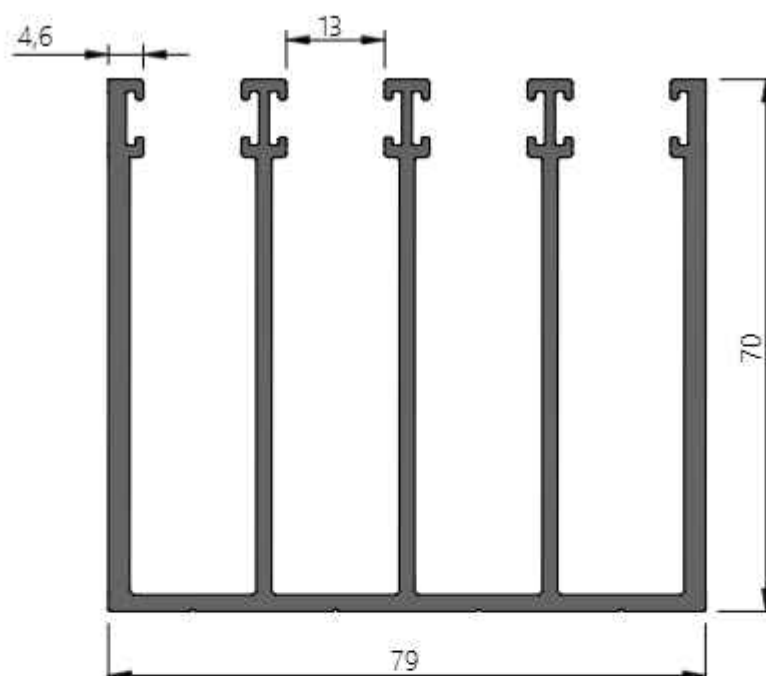
Profile Name	Profile Code	Weight (Kg/m)
F Profile	1192	0.378



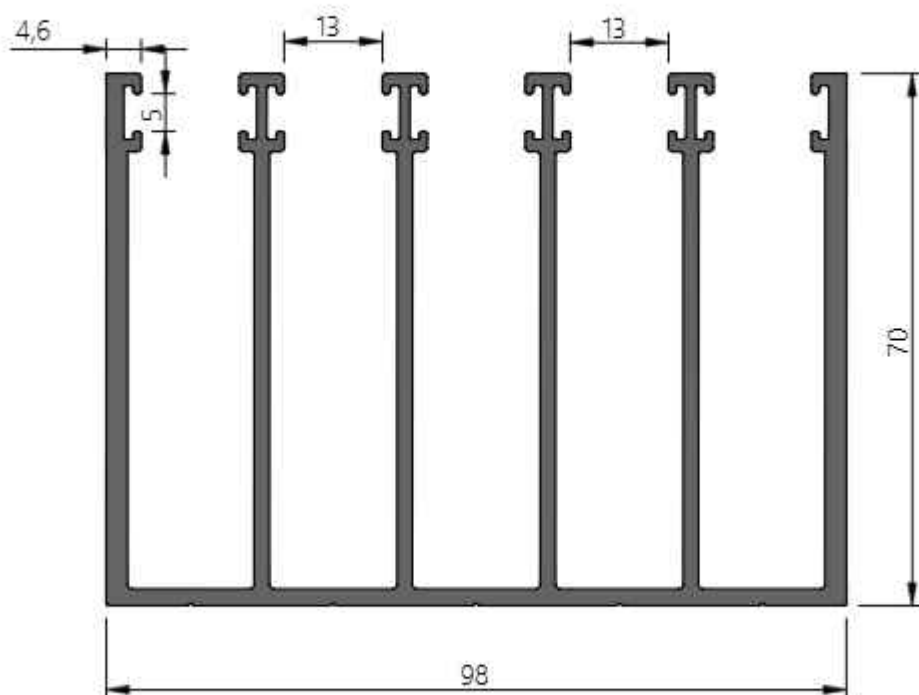
Profile Name	Profile Code	Weight (Kg/m)
Column	1193	3.728



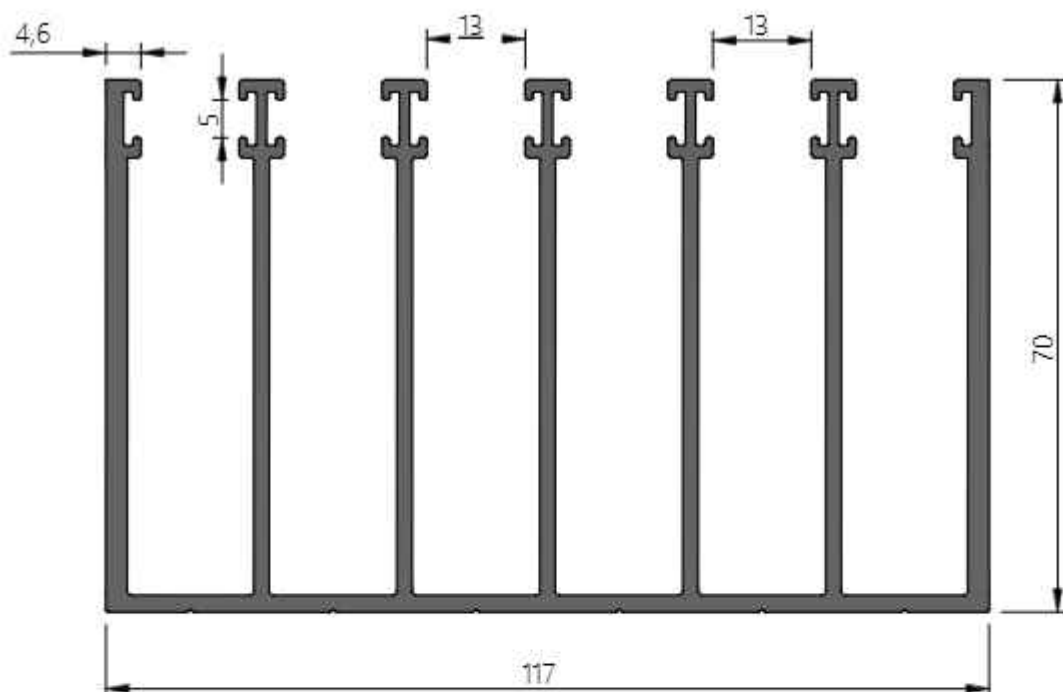
Profile Name	Profile Code	Weight (Kg/m)
Triple Top Rail	1194	2.206



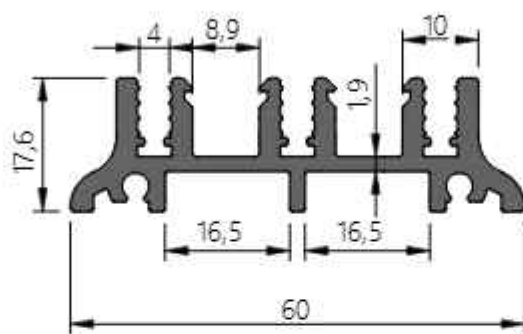
Profile Name	Profile Code	Weight (Kg/m)
Four Top Rail	1195	2.717



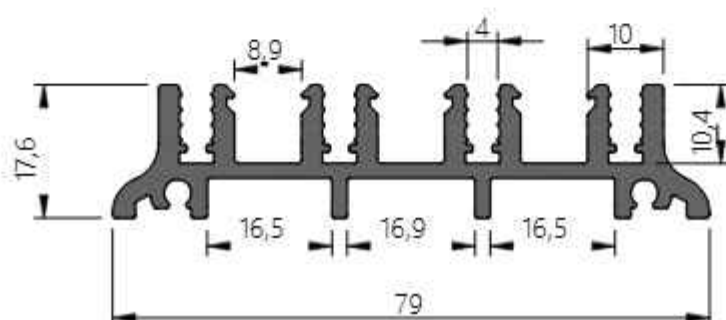
Profile Name	Profile Code	Weight (Kg/m)
Five Top Rail	1196	3.228



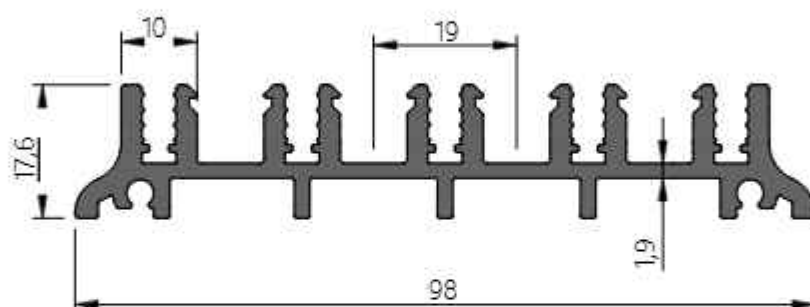
Profile Name	Profile Code	Weight (Kg/m)
Six Top Rail	1197	3.738



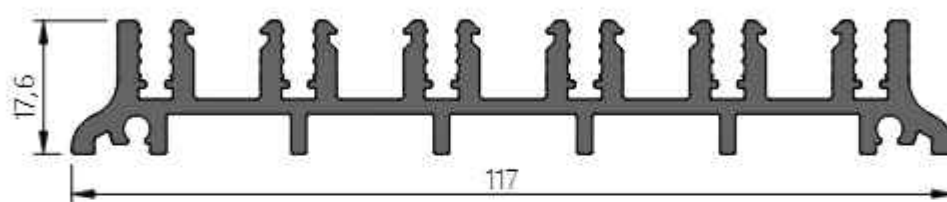
Profile Name	Profile Code	Weight (Kg/m)
Triple Bottom Rail	1198	0.952



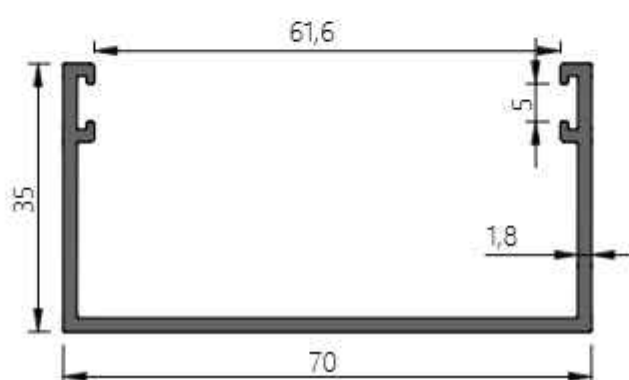
Profile Name	Profile Code	Weight (Kg/m)
Quad Bottom Rail	1199	1.224



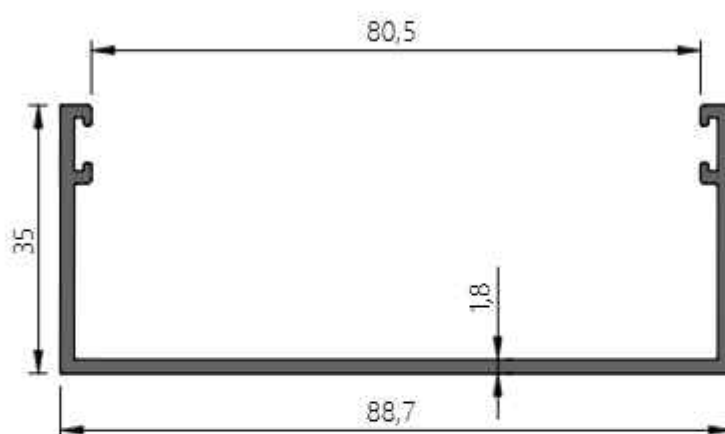
Profile Name	Profile Code	Weight (Kg/m)
Five Bottom Rail	1200	1.496



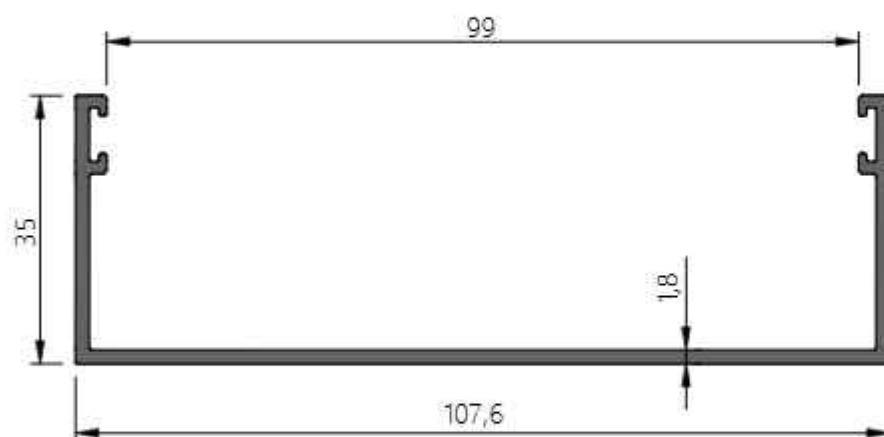
Profile Name	Profile Code	Weight (Kg/m)
Six Bottom Rail	1201	1.770



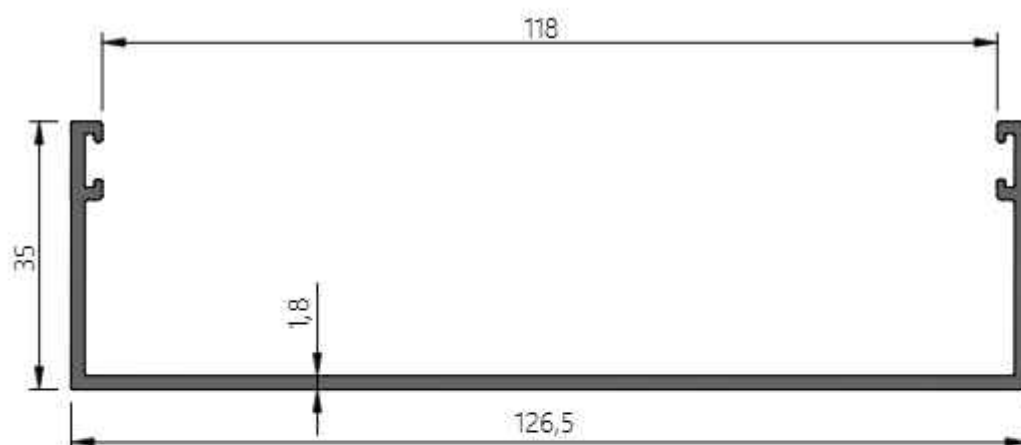
Profile Name	Profile Code	Weight (Kg/m)
3 Side Sewing	1202	0.717



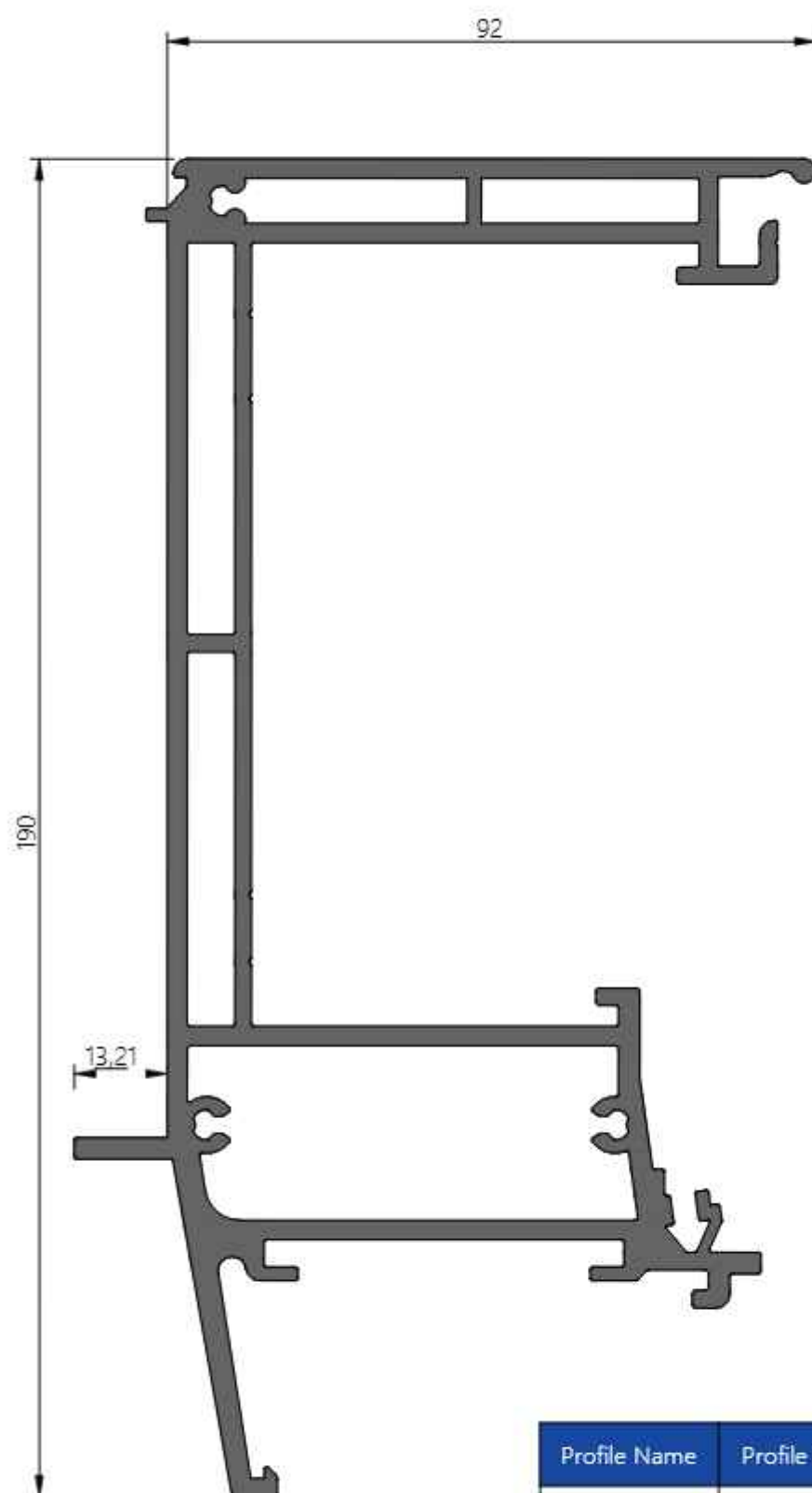
Profile Name	Profile Code	Weight (Kg/m)
4 Side Sewing	1207	0.809



Profile Name	Profile Code	Weight (Kg/m)
5 Side Sewing	1208	0.900

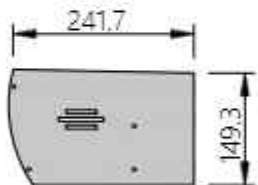
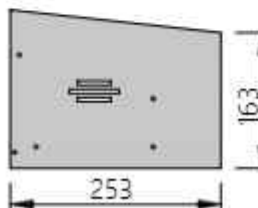
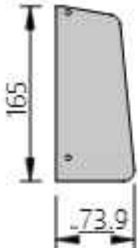


Profile Name	Profile Code	Weight (Kg/m)
6 Side Sewing	1209	0.992

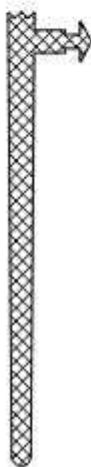


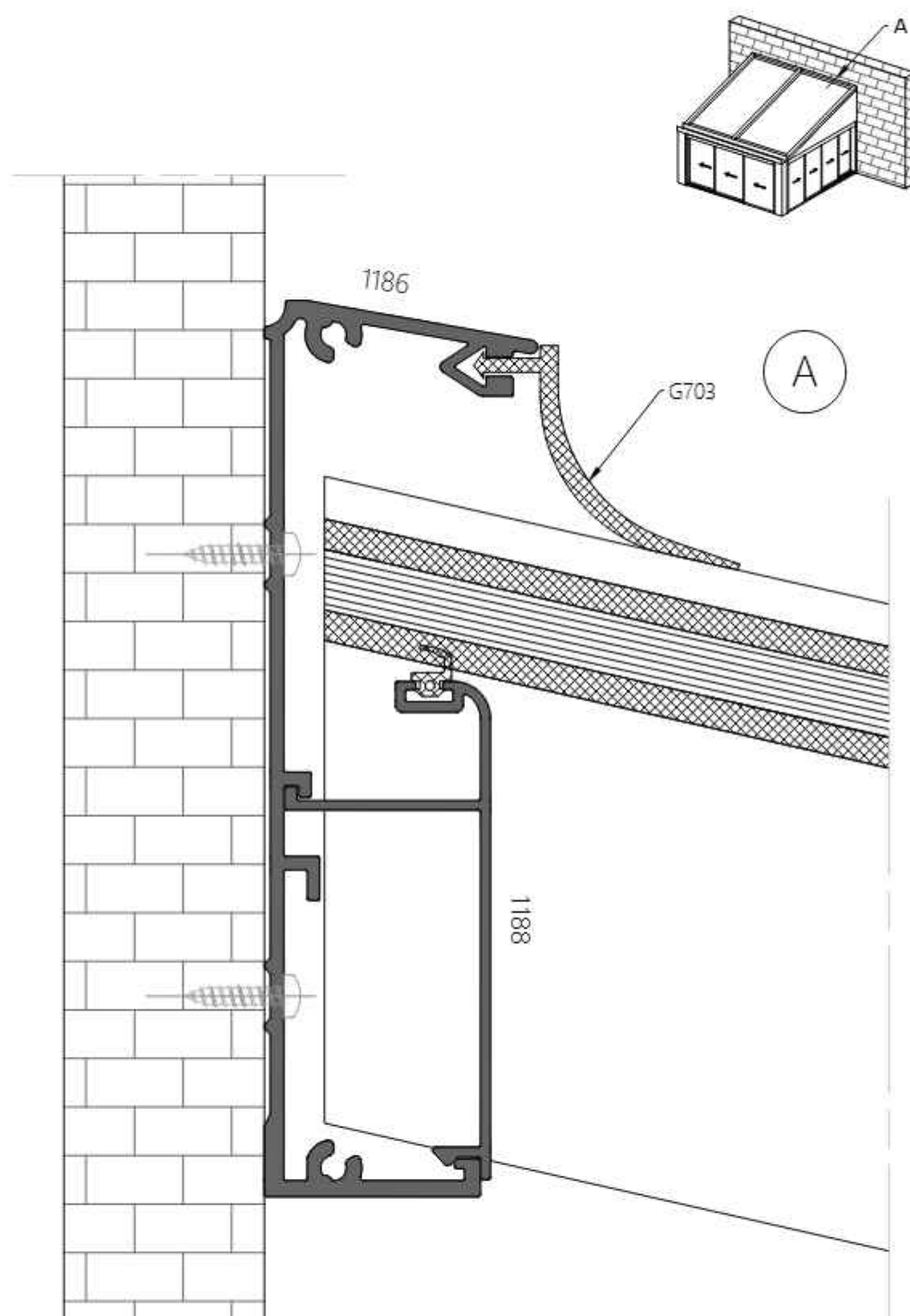
Profile Name	Profile Code	Weight (Kg/m)
Radius Gutter	12031	5.744

ACCESSORIES

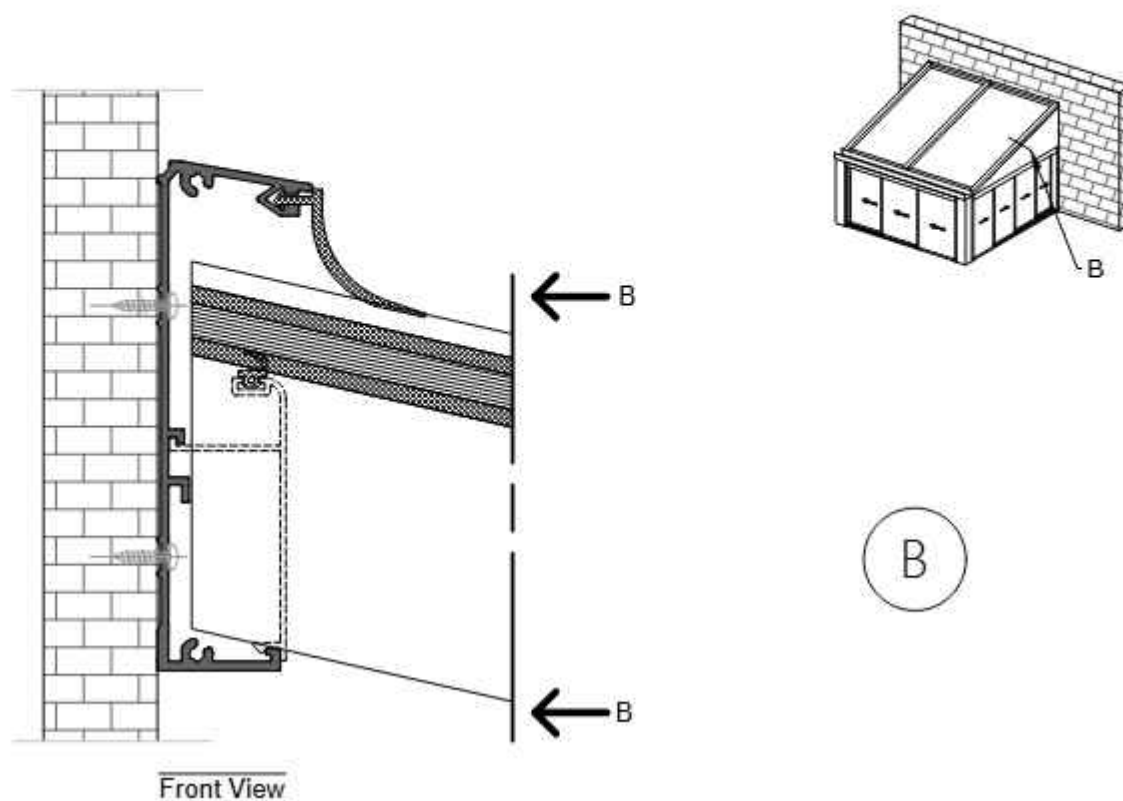
Drawing	Code	Description	Material
	-	Curved Gutters Cap	Aluminium
	-	Straight Gutters Cap	
	-	Hangers Cap	
	G 217	Glazing Gasket 6mm	EPDM
	G 110	Sash Adapter Profile Top	
	B37	Brush Gasket	

ACCESSORIES

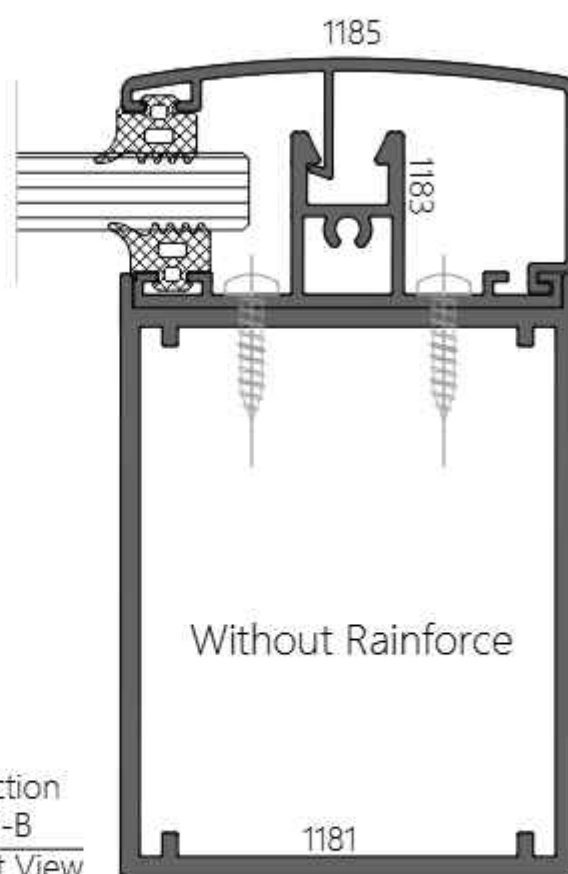
Drawing	Code	Description	Material
	G701	Gasket For 1189 & 1190	EPDM
	G703	Gasket For 1186 & 12031	

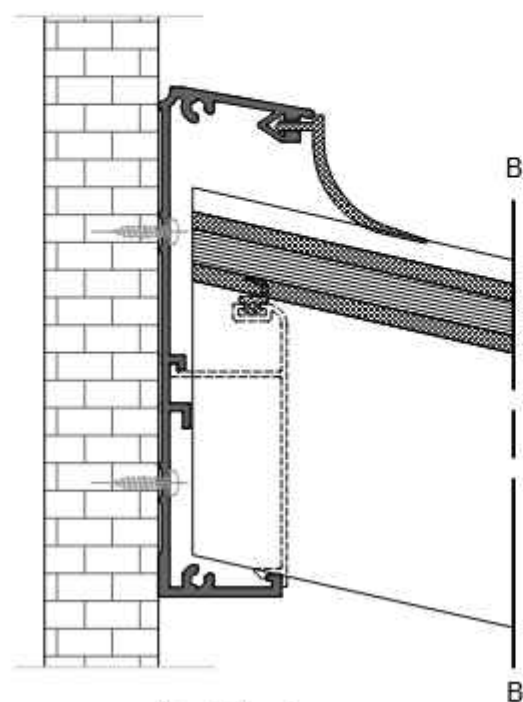


Front View

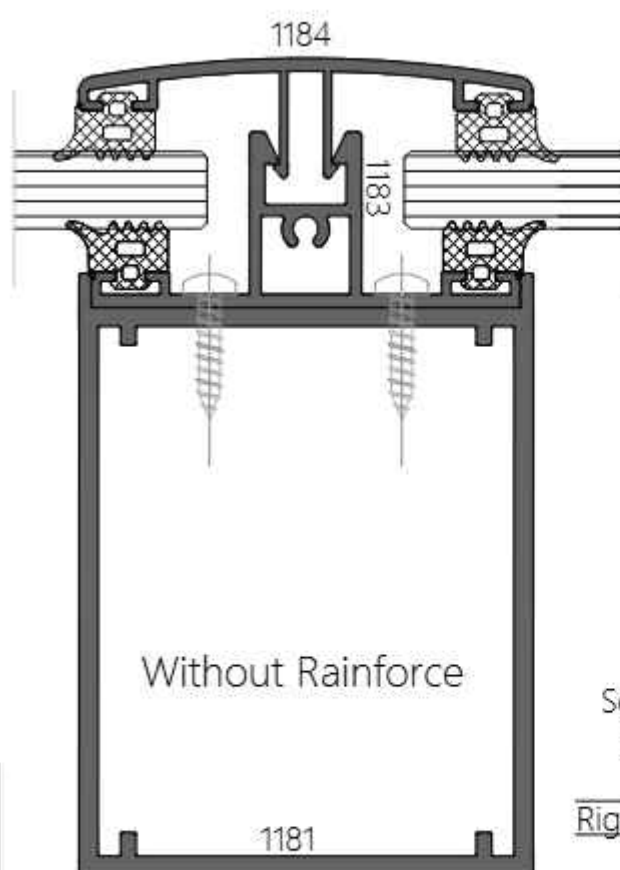
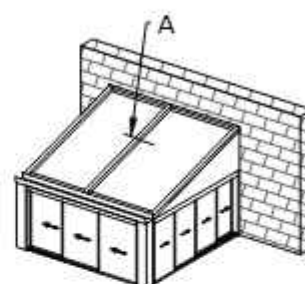


Section
B-B
Right View





Front View

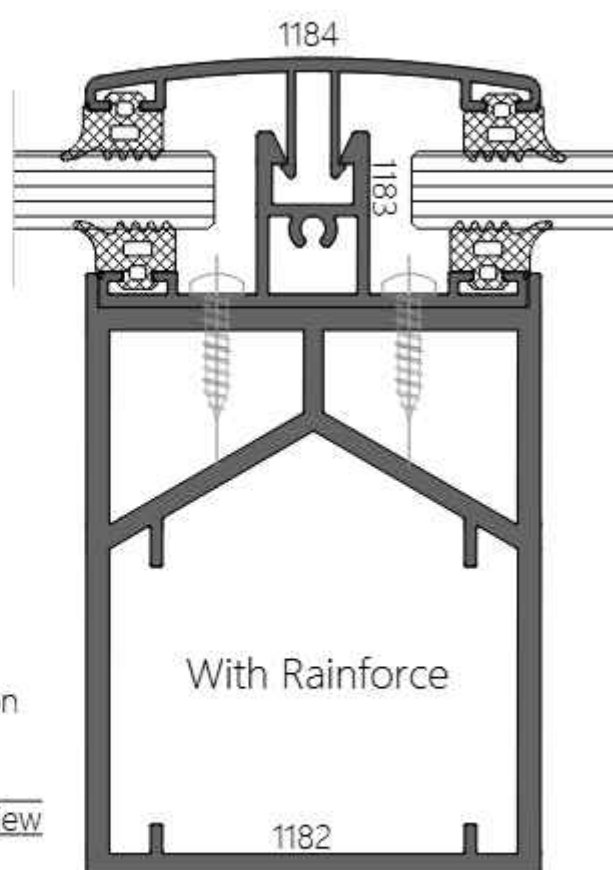


Without Rainforce

1181

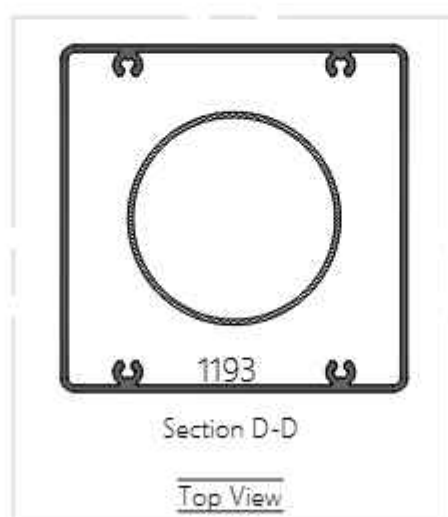
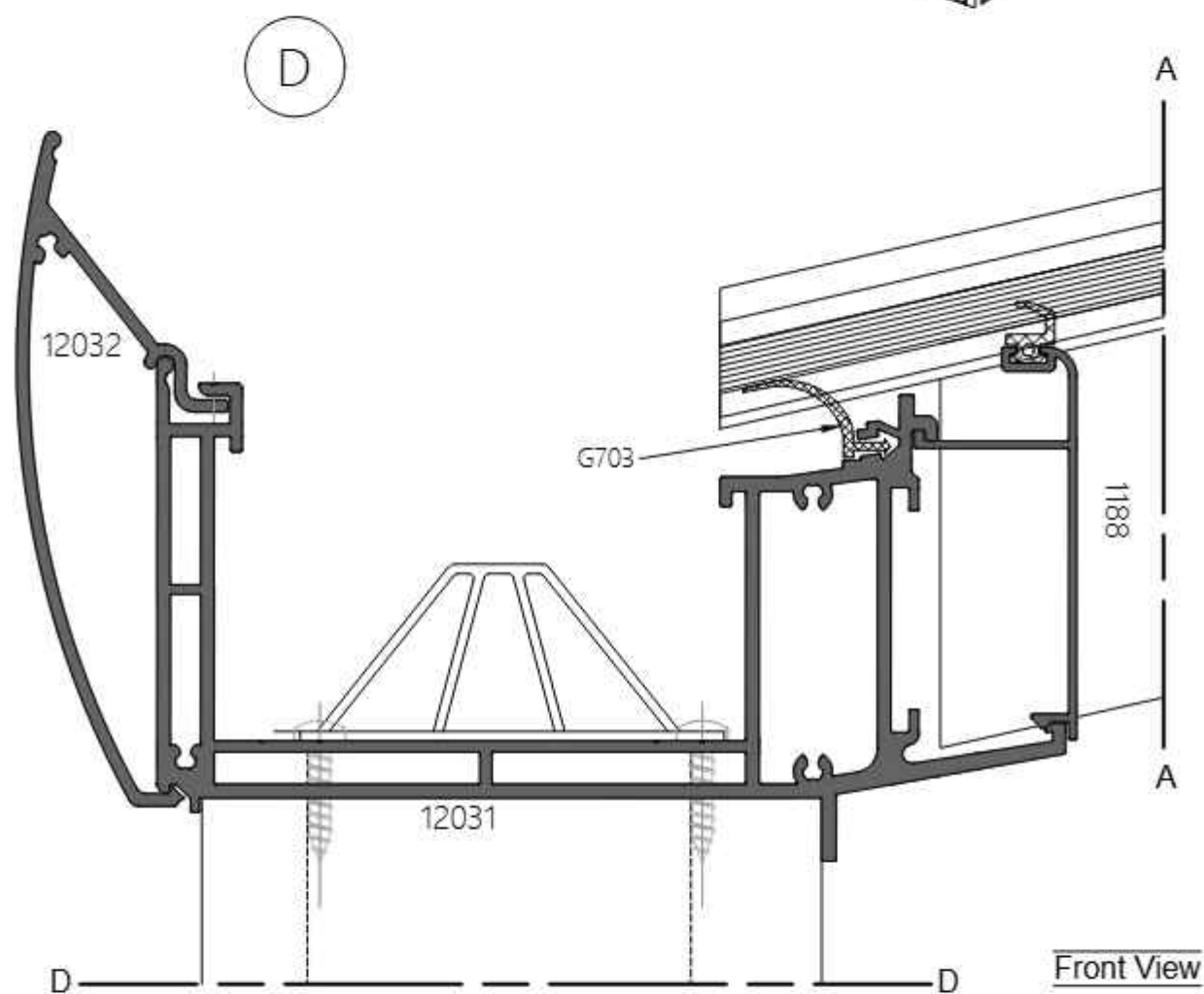
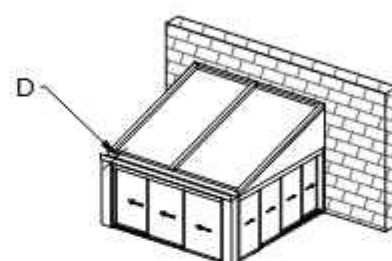
Section
B-B

Right View

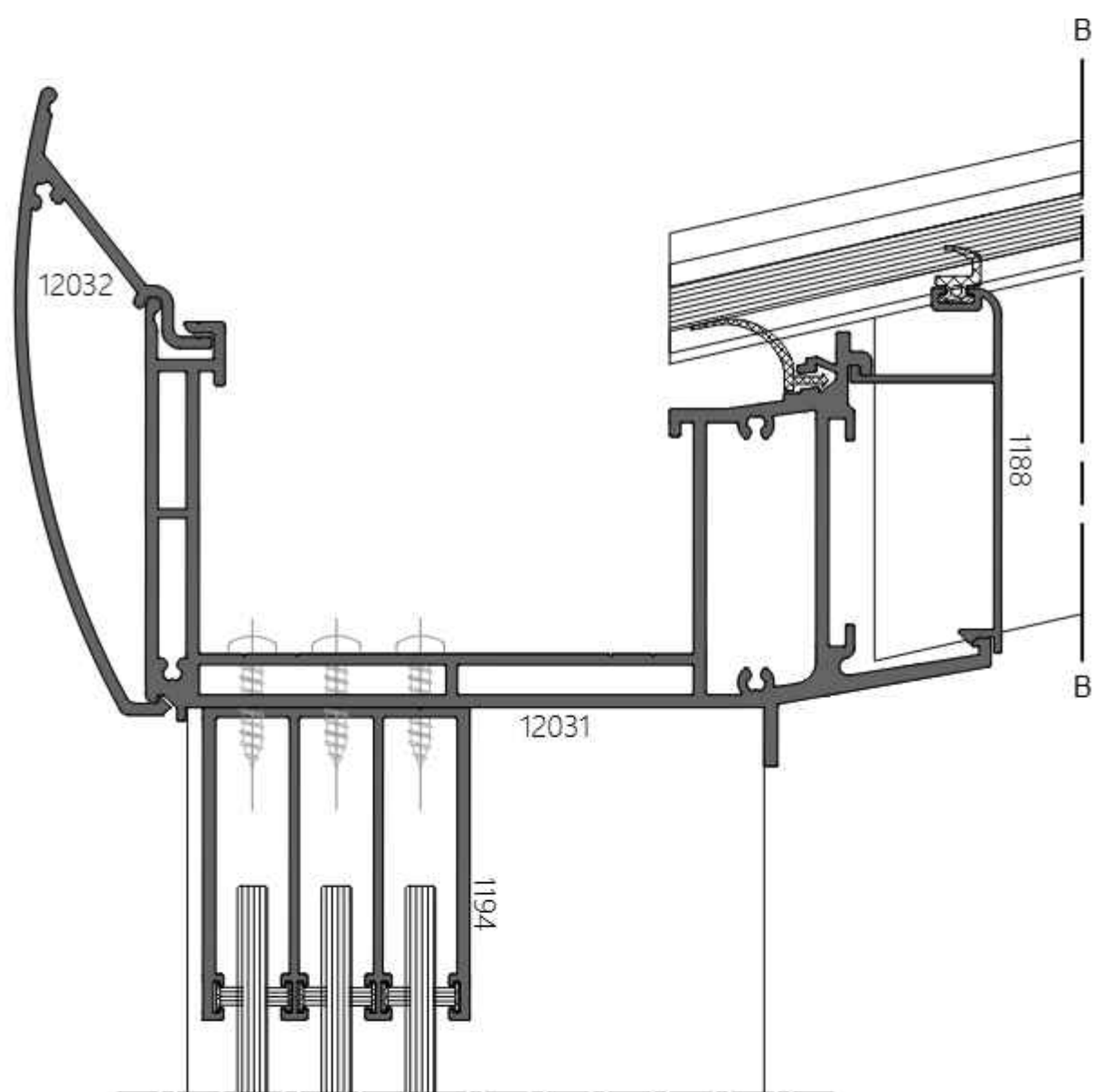
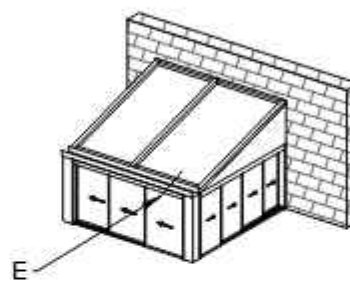


With Rainforce

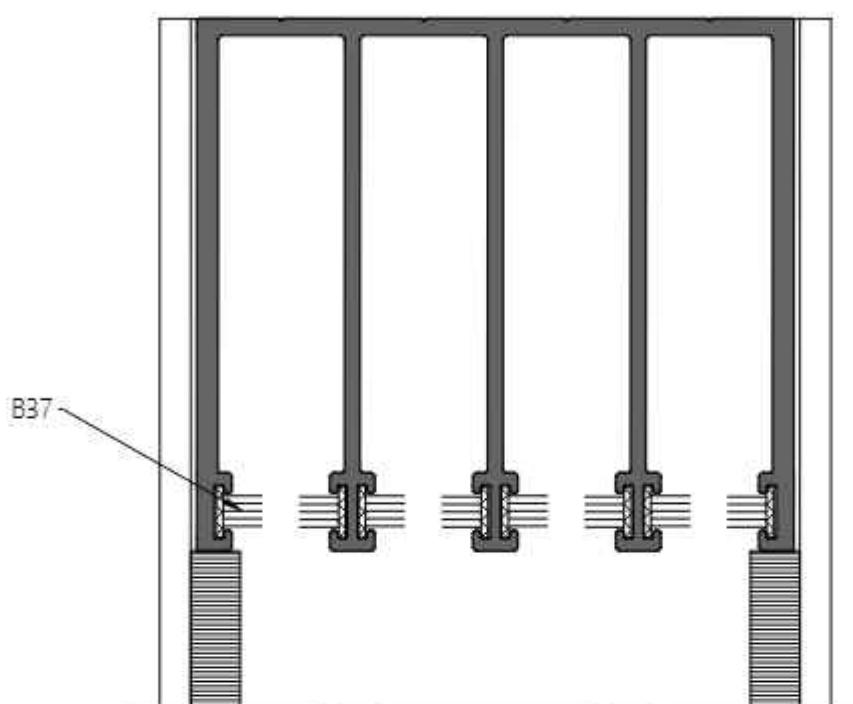
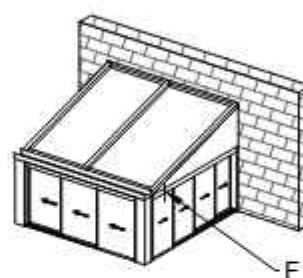
1182



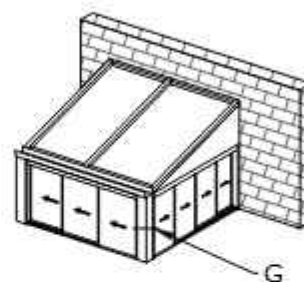
E



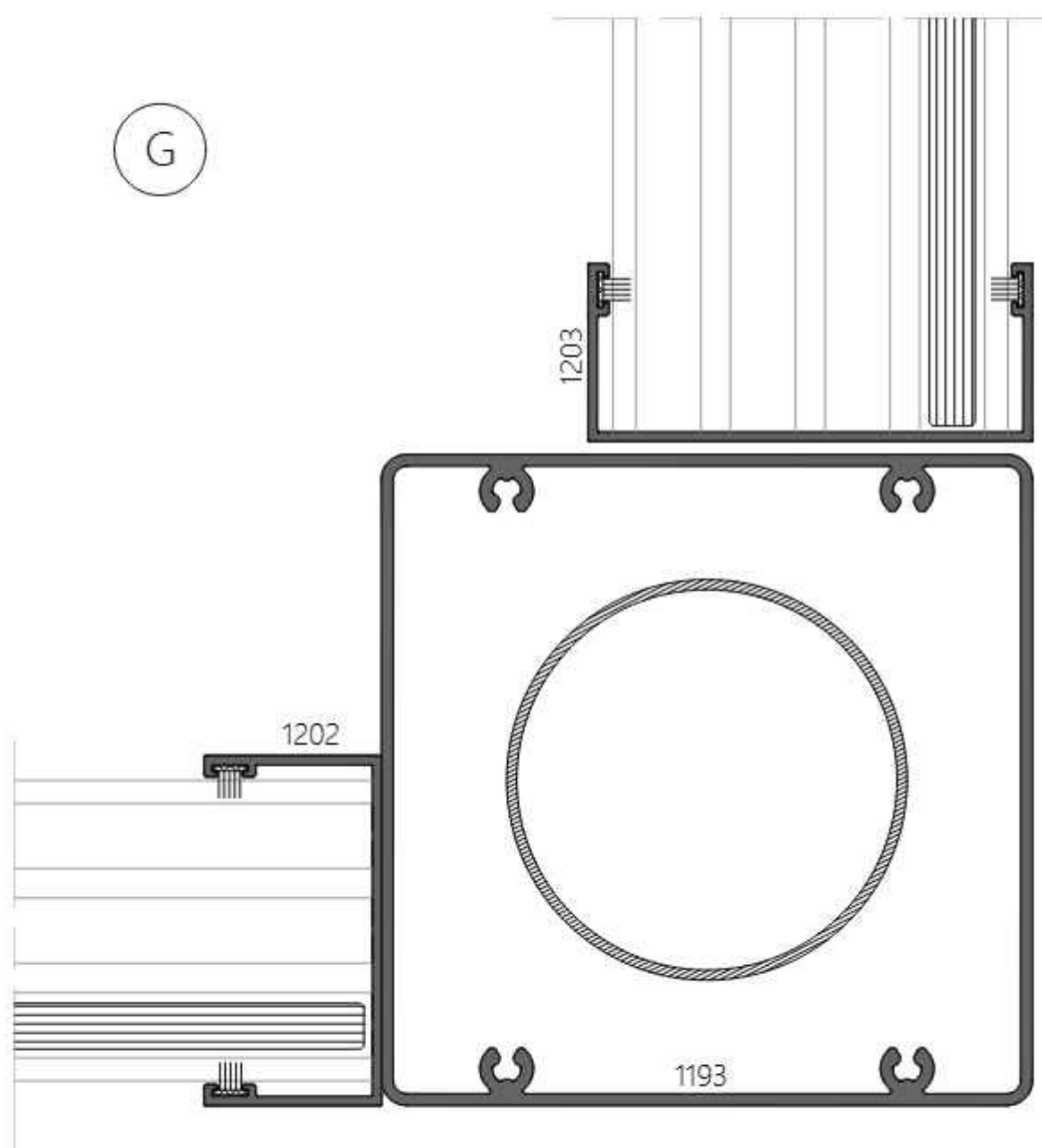
Front View



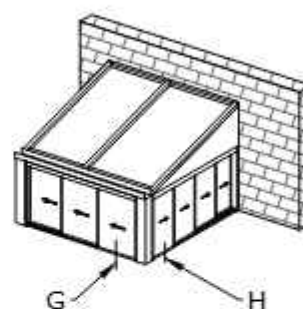
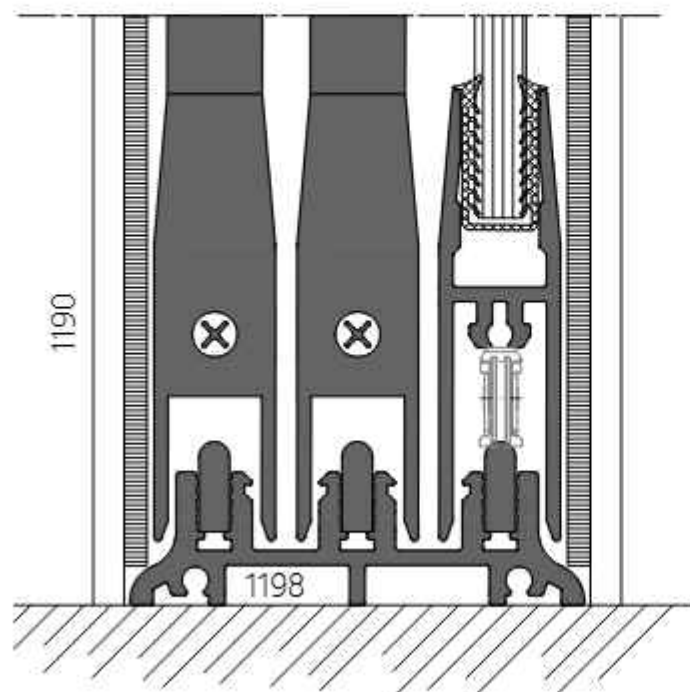
Front View



G



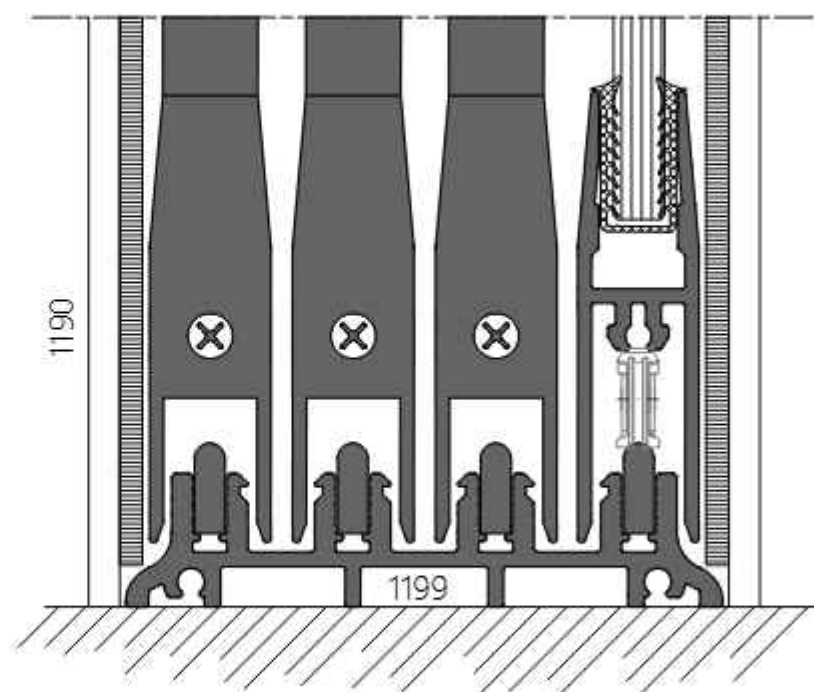
Bottom View



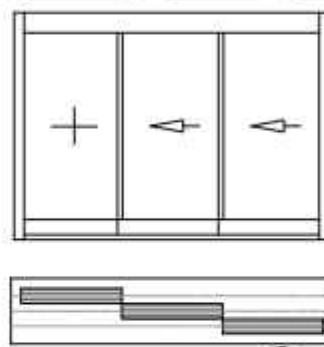
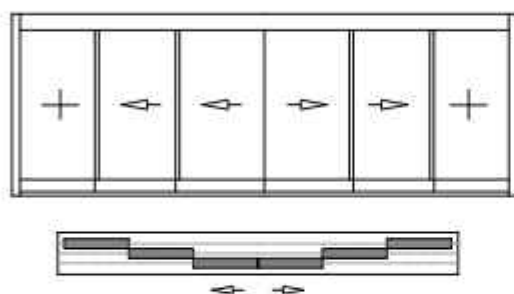
Section G

Front View

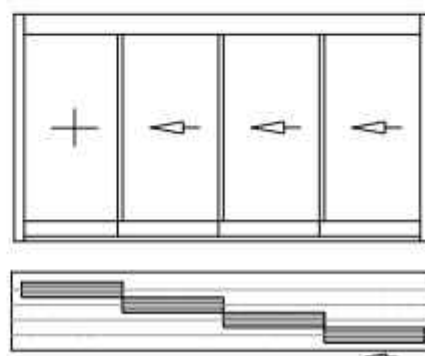
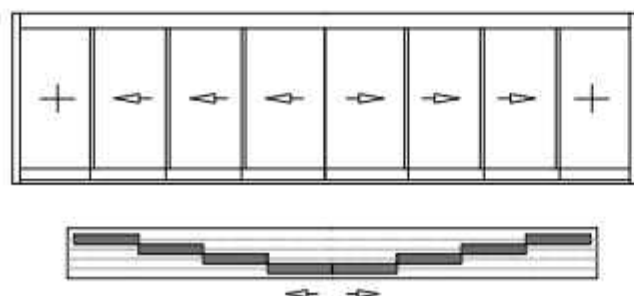
Section H
Front View



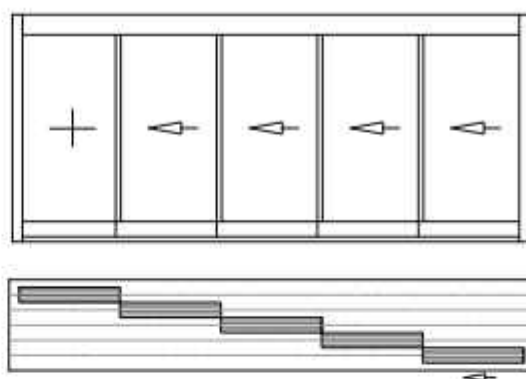
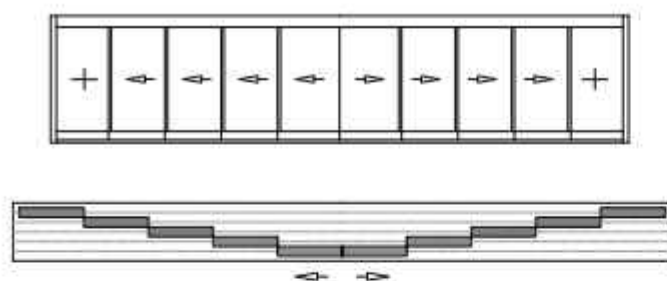
3 Rail Tracks



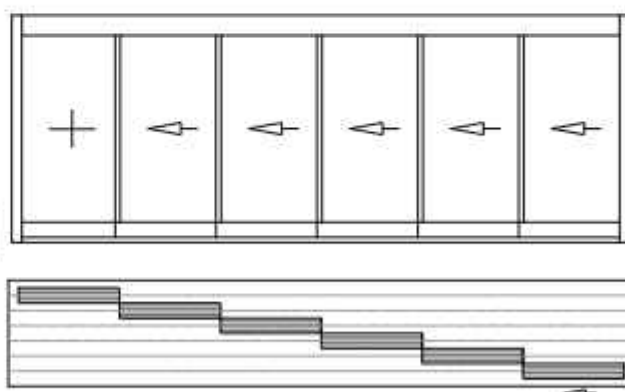
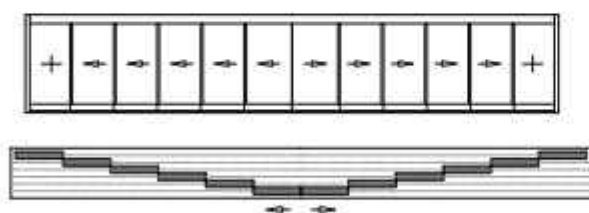
4 Rail Tracks

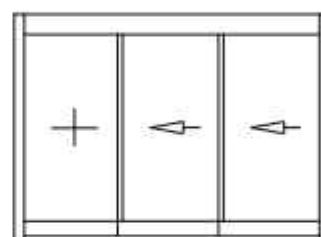
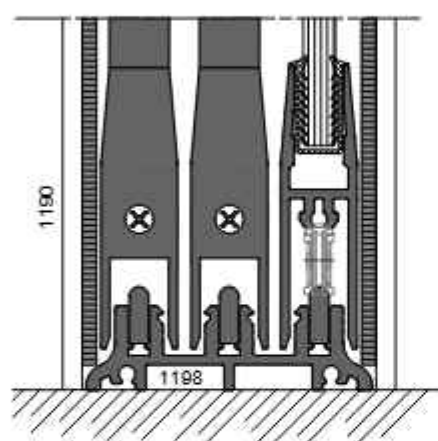


5 Rail Tracks

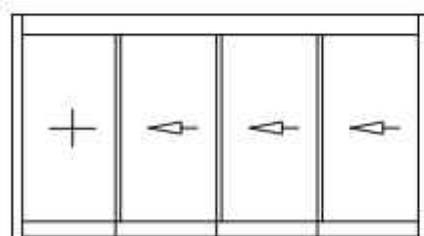


6 Rail Tracks

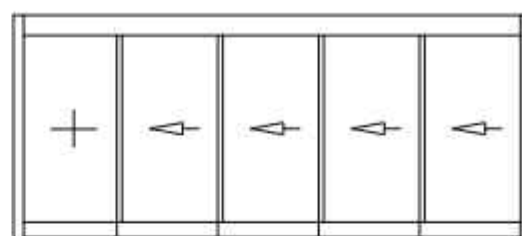
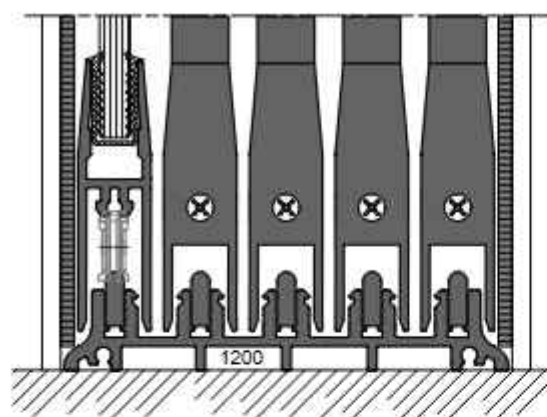
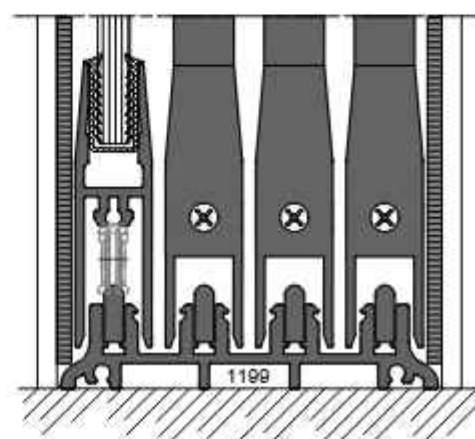




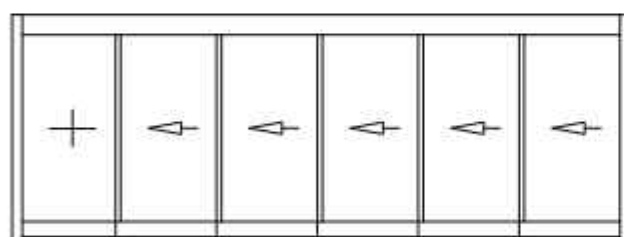
3 Rail Tracks



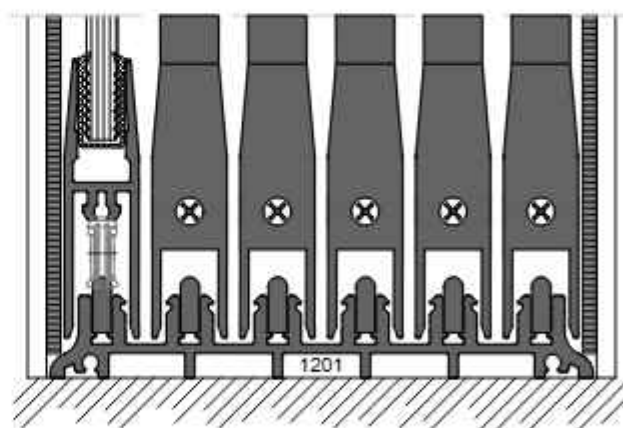
4 Rail Tracks

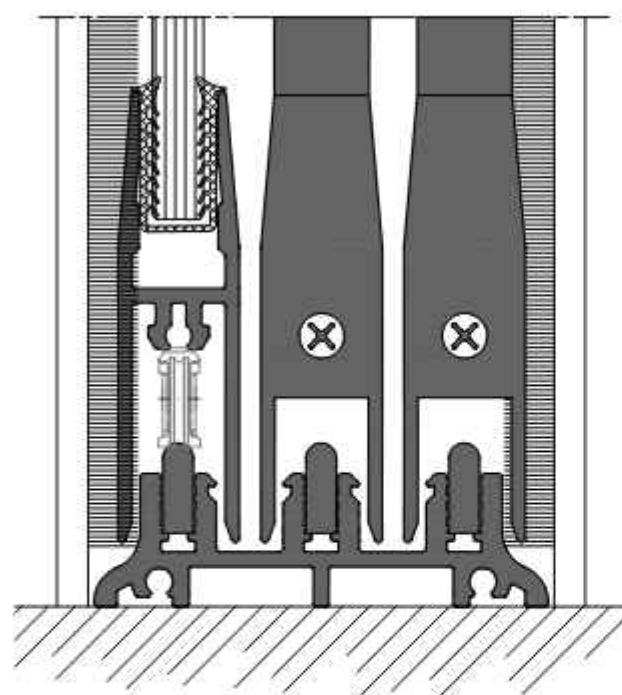
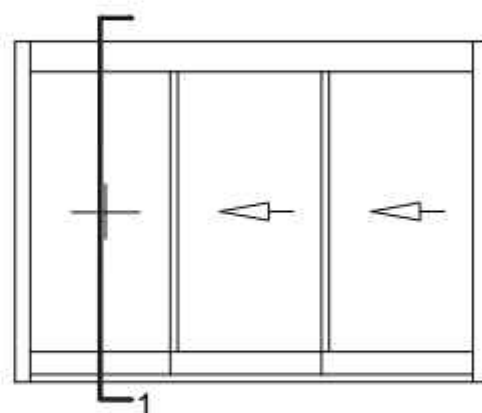
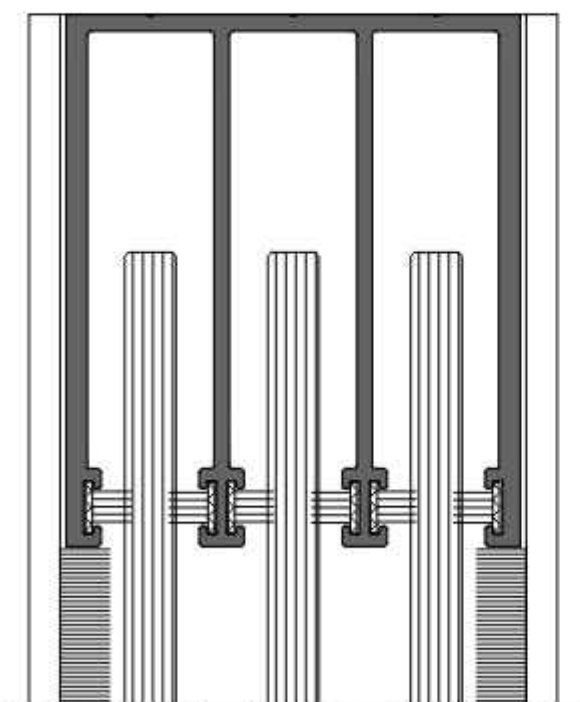


5 Rail Tracks

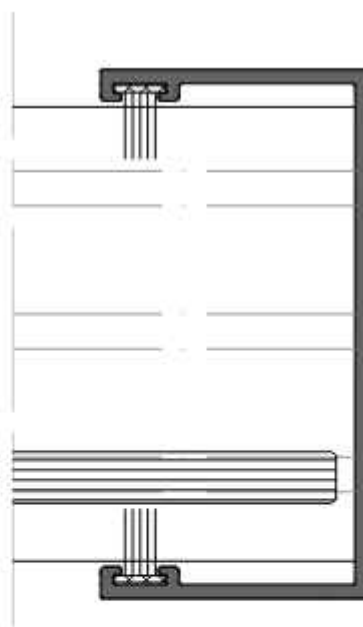
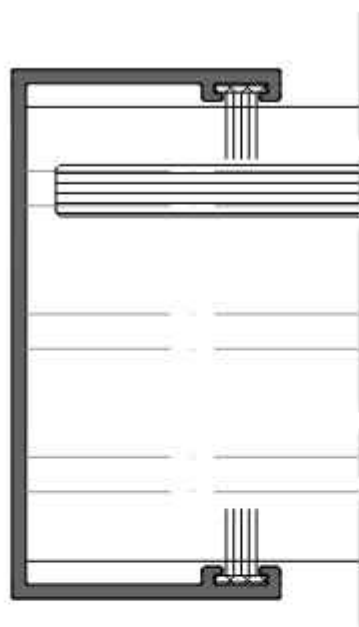
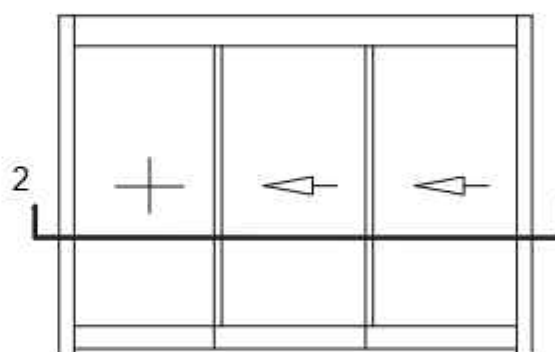
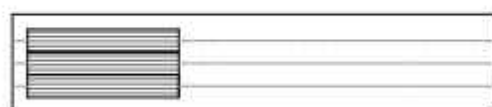
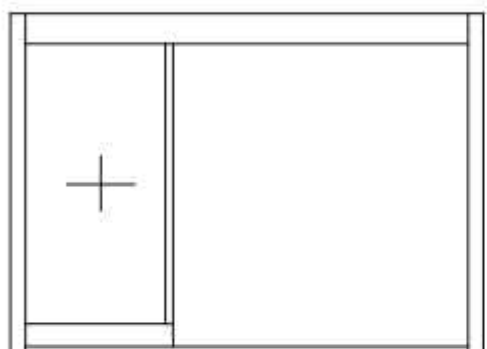


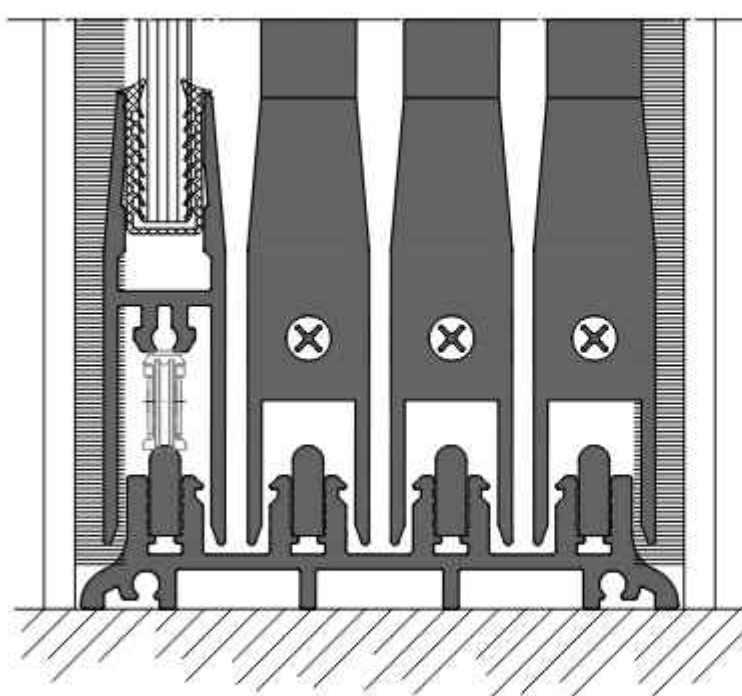
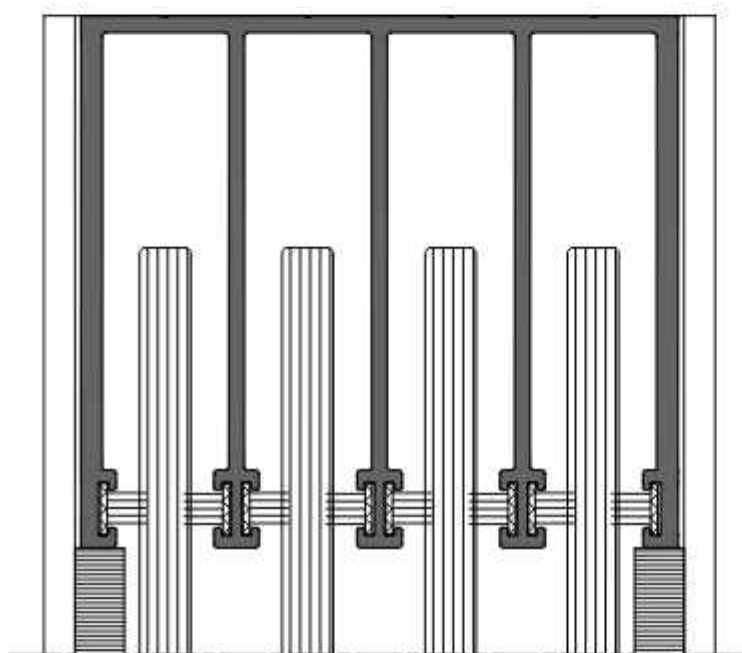
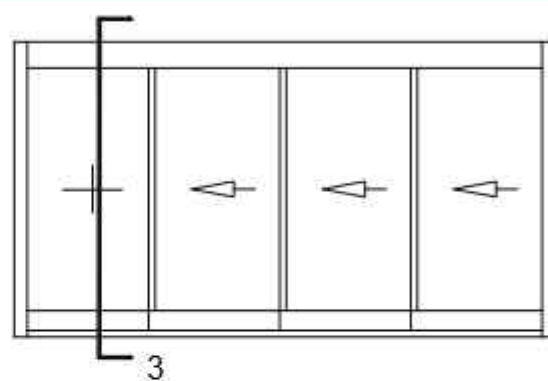
6 Rail Tracks

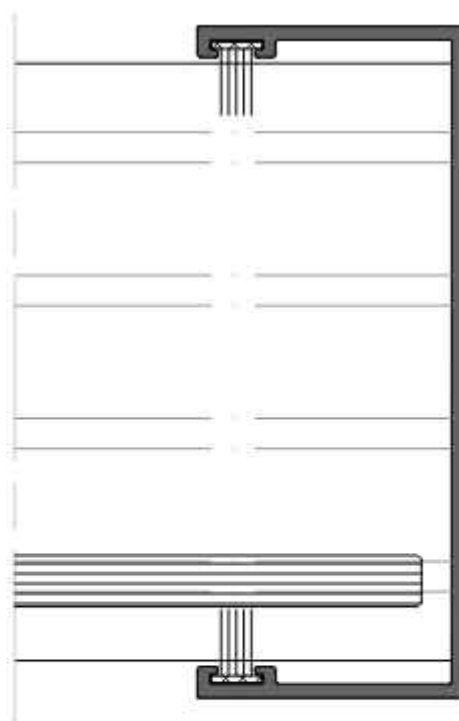
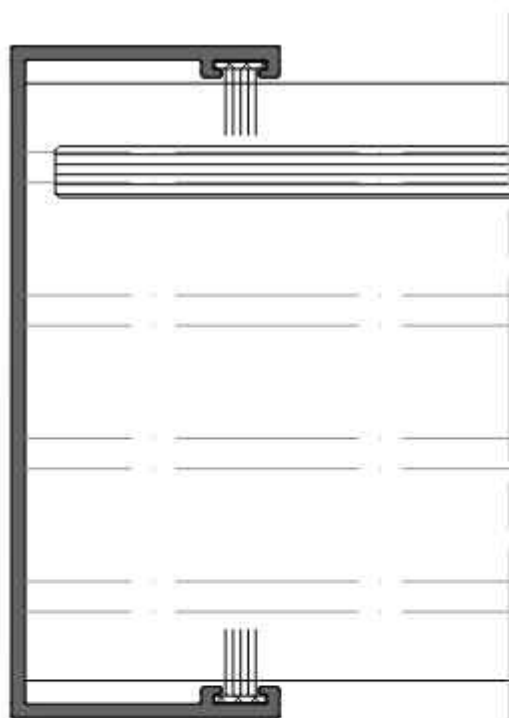
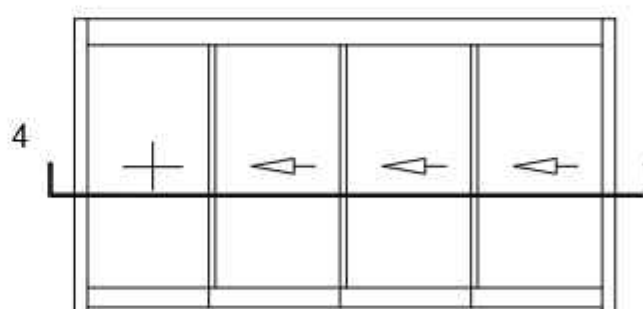
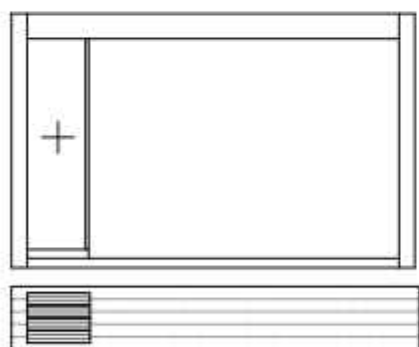


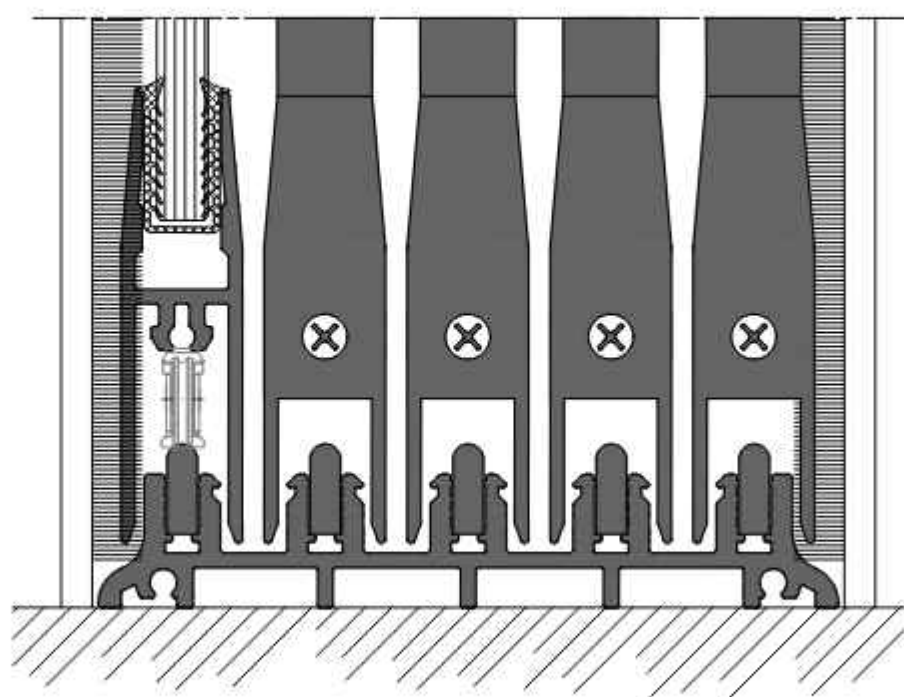
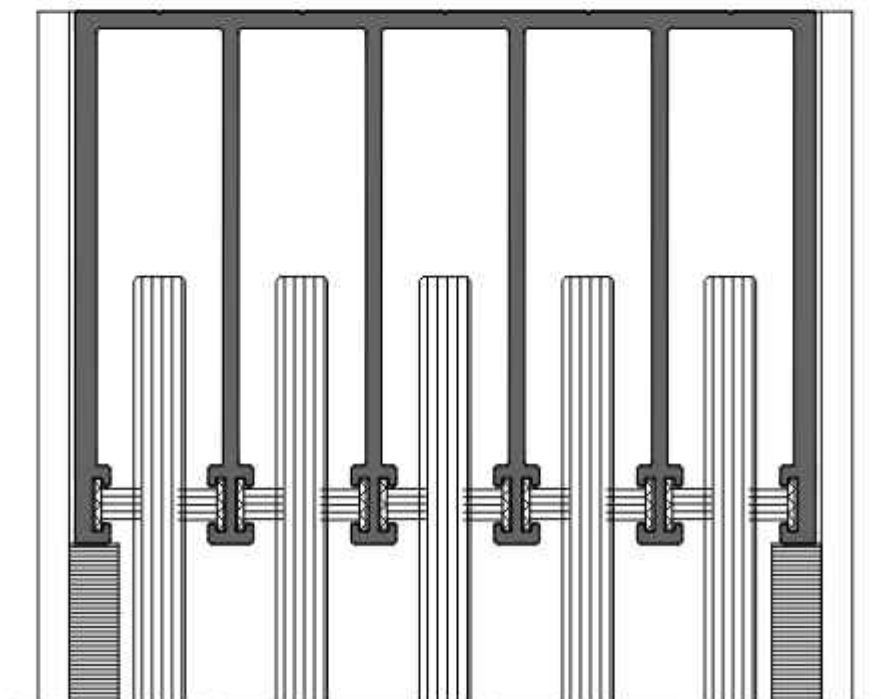
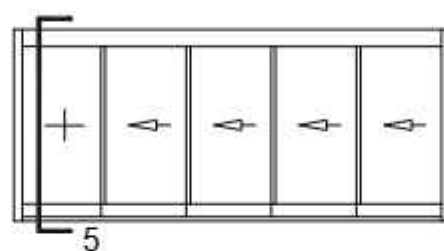


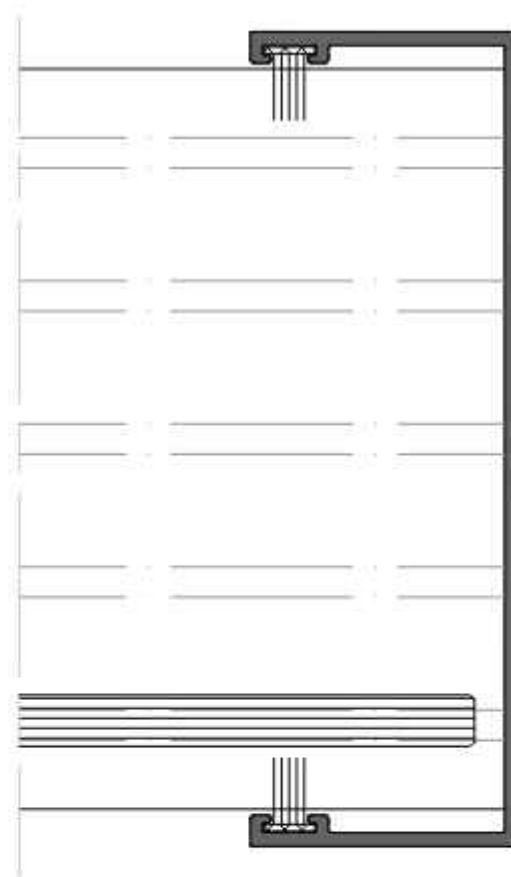
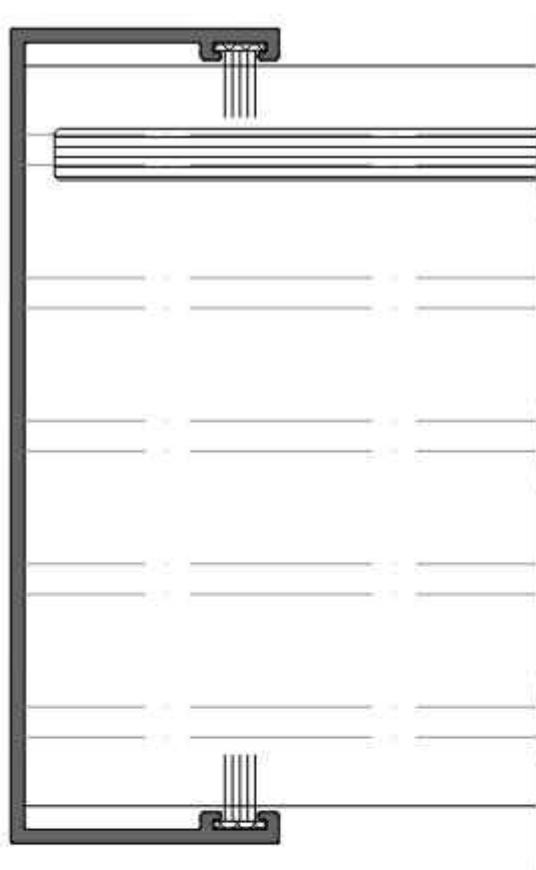
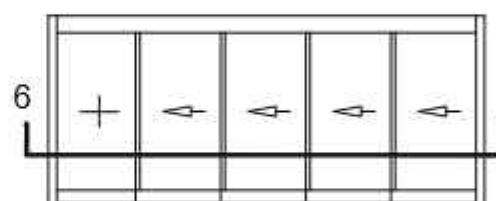
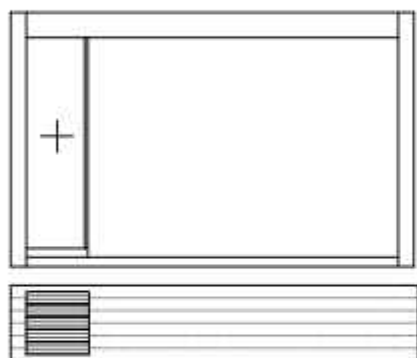
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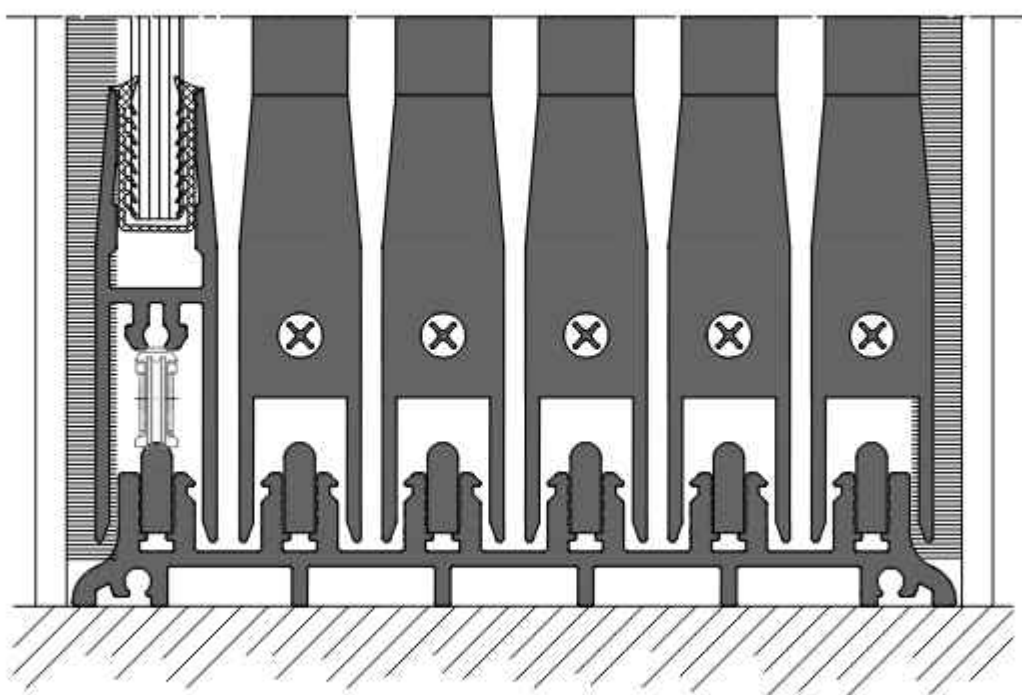
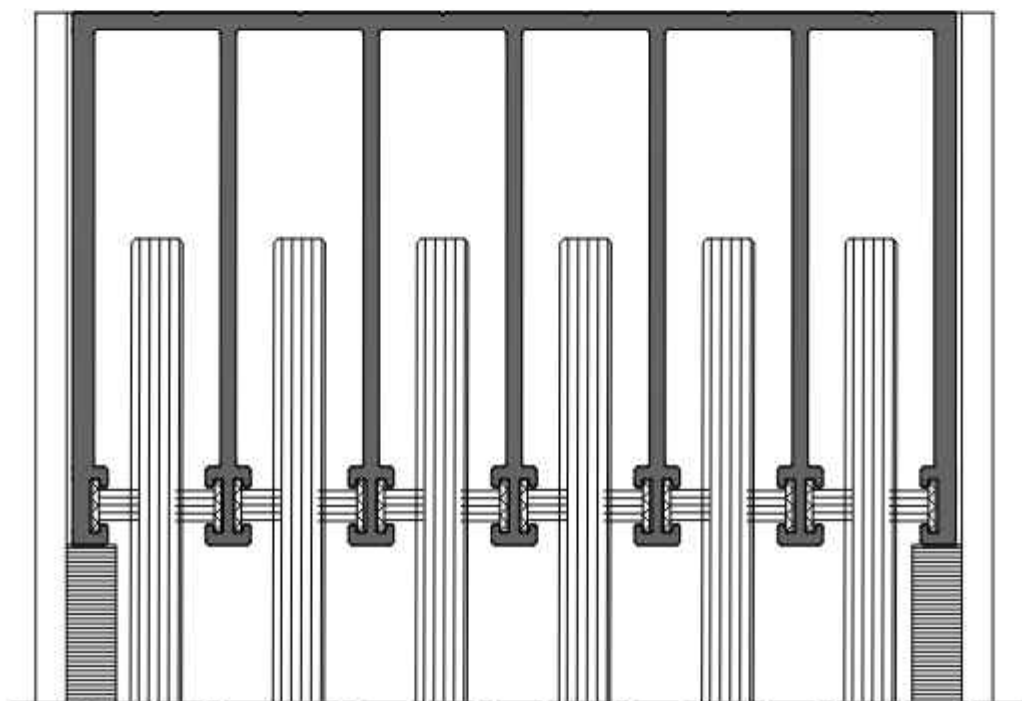
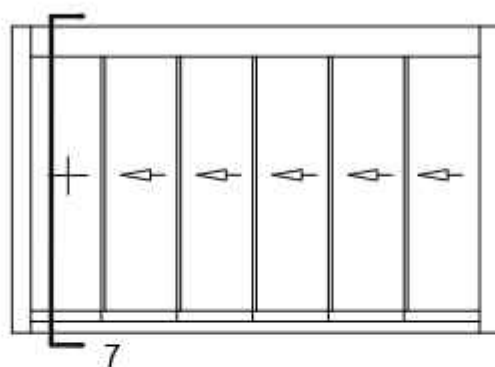


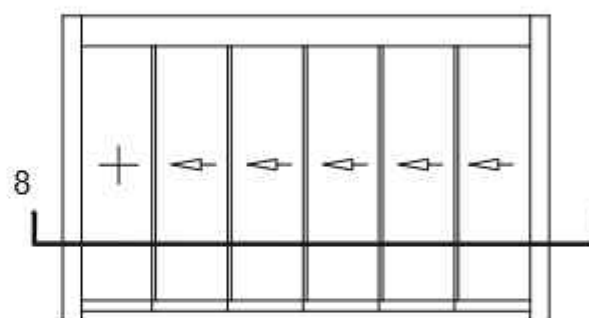
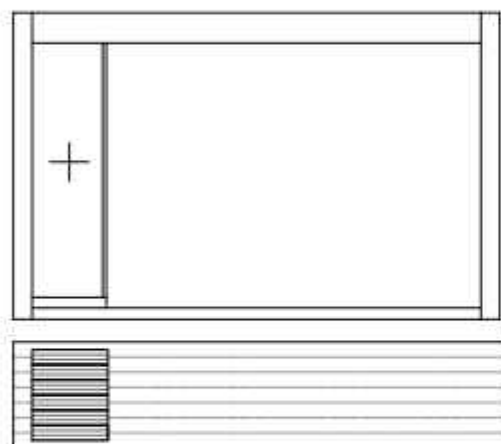




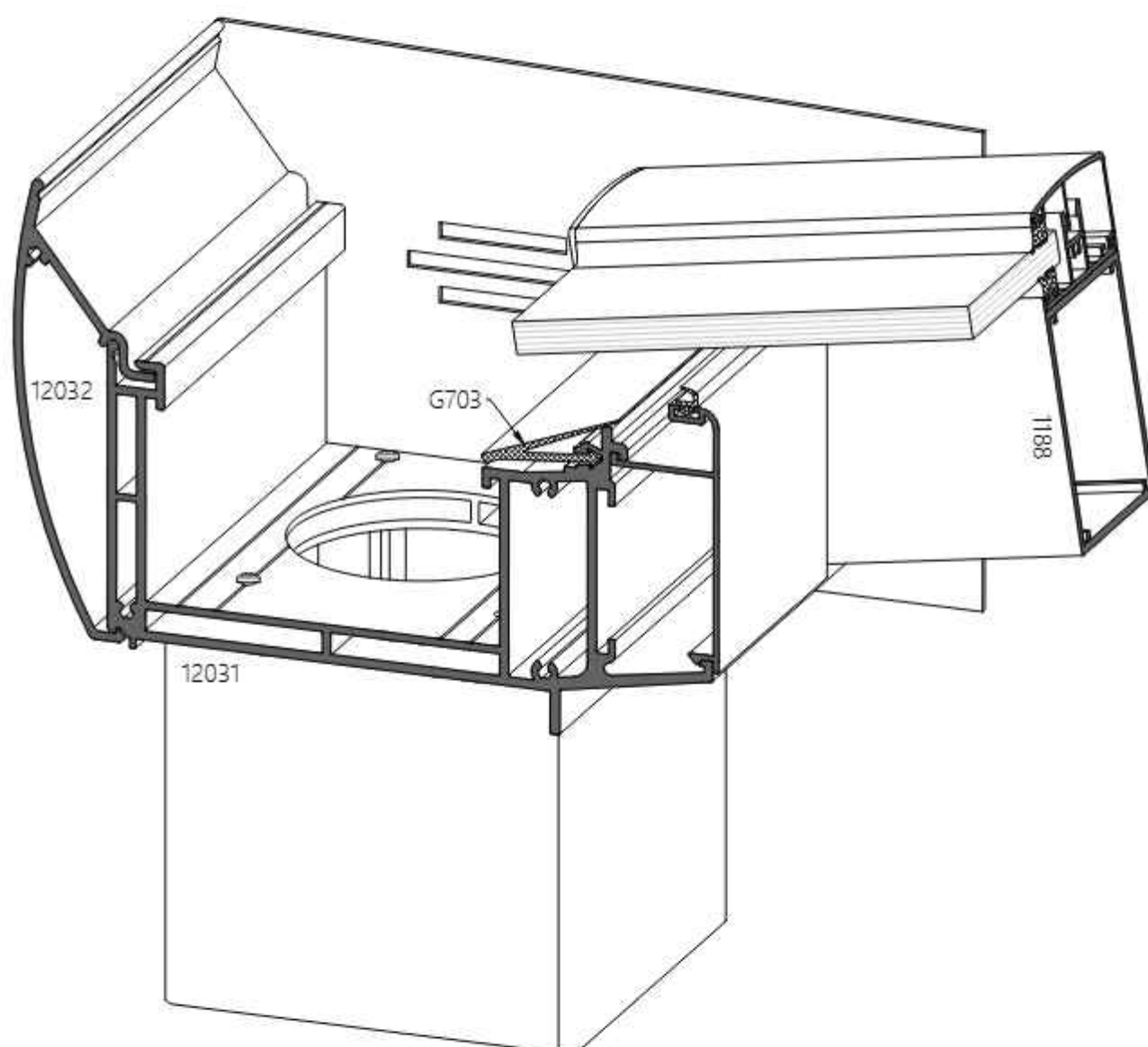




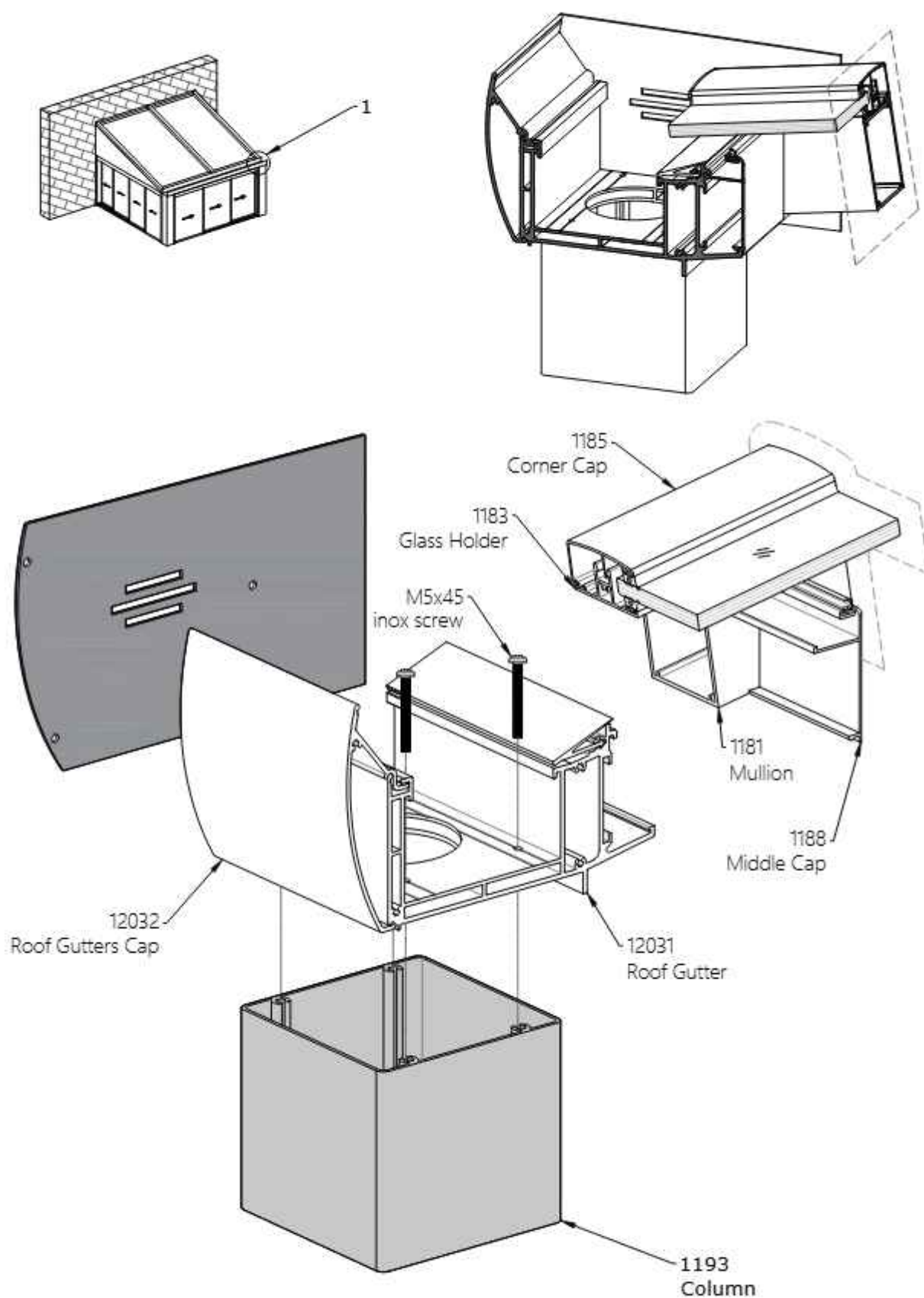




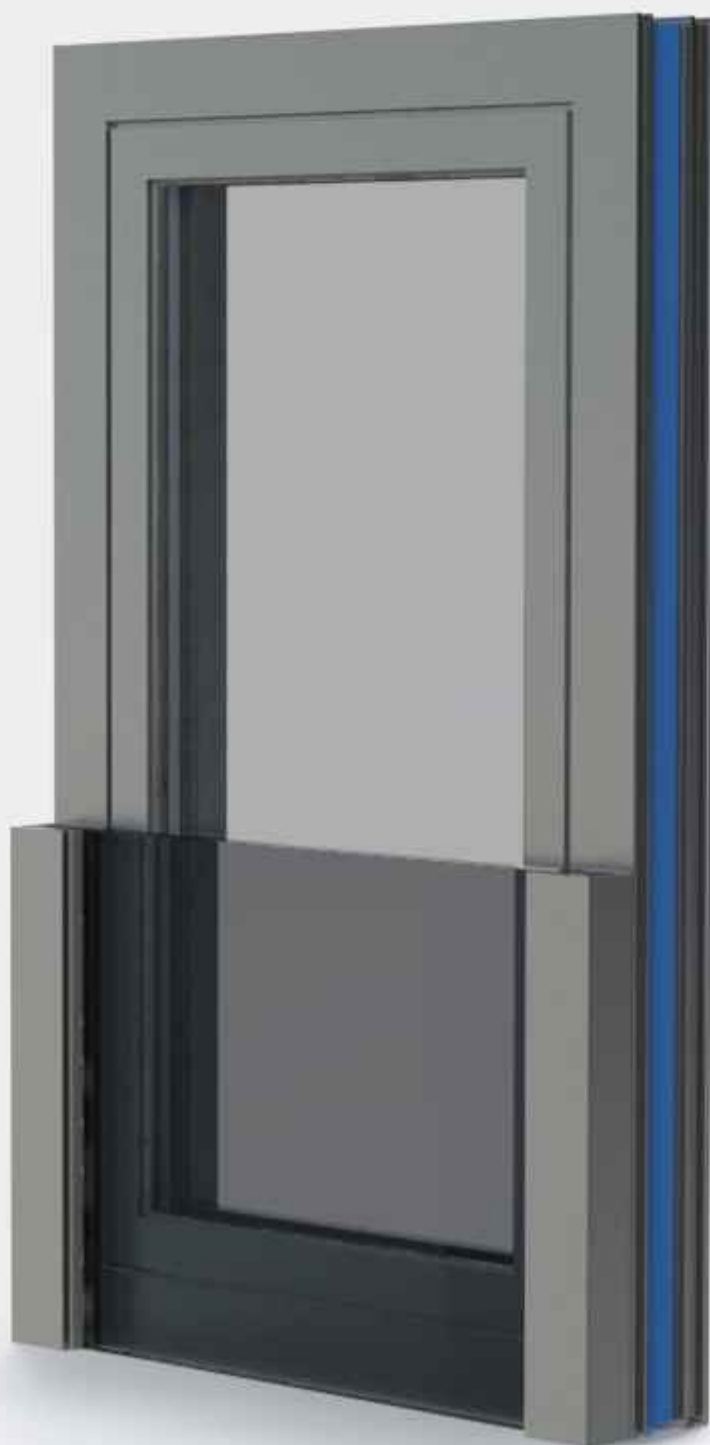
CORNER SIDE OF VERANDA



EXPLODED VIEW



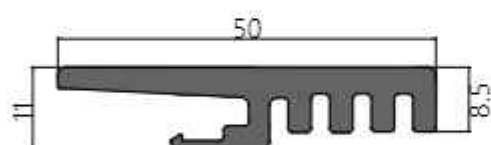
JULIET



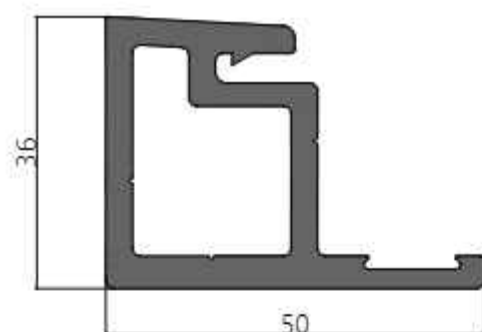
NOTE

OVERVIEW OF PROFILES

DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE <i>J_x(cm⁴) / J_y(cm⁴)</i>
	BE 030	0.736	Glazing Bead Juliet	0.02 / 4.7
	BE 031	1.402	Juliet	11.19 / 5.41



Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead Juliet	BE 030	0.7360

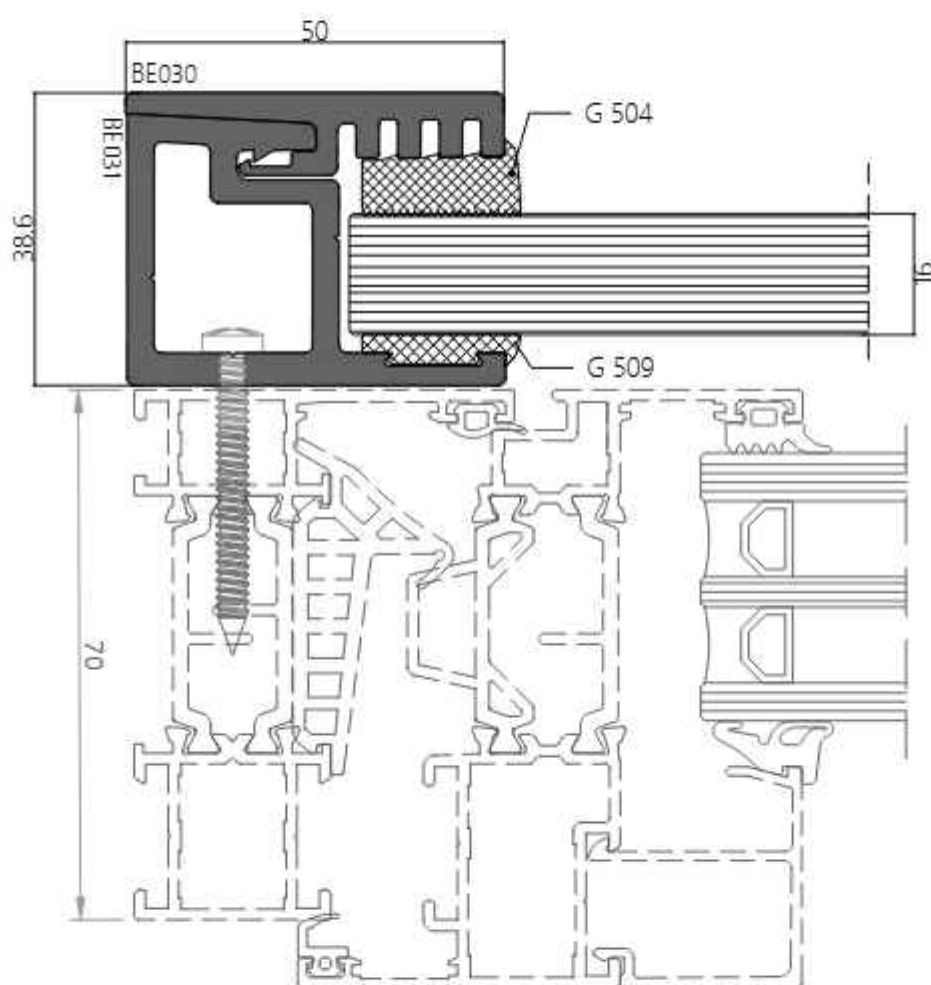
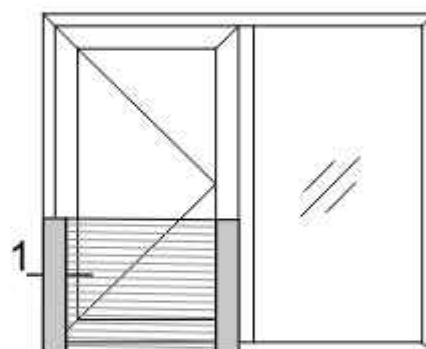


Profile Name	Profile Code	Weight (Kg/m)
Juliet	BE 031	1.4020

ACCESSORIES

Drawing	Code	Description	Material
	G 504	Juliet Gasket	EPDM
	G 509	Juliet Gaske	EPDM

DETAIL JULIET AND HT 70 SYSTEM

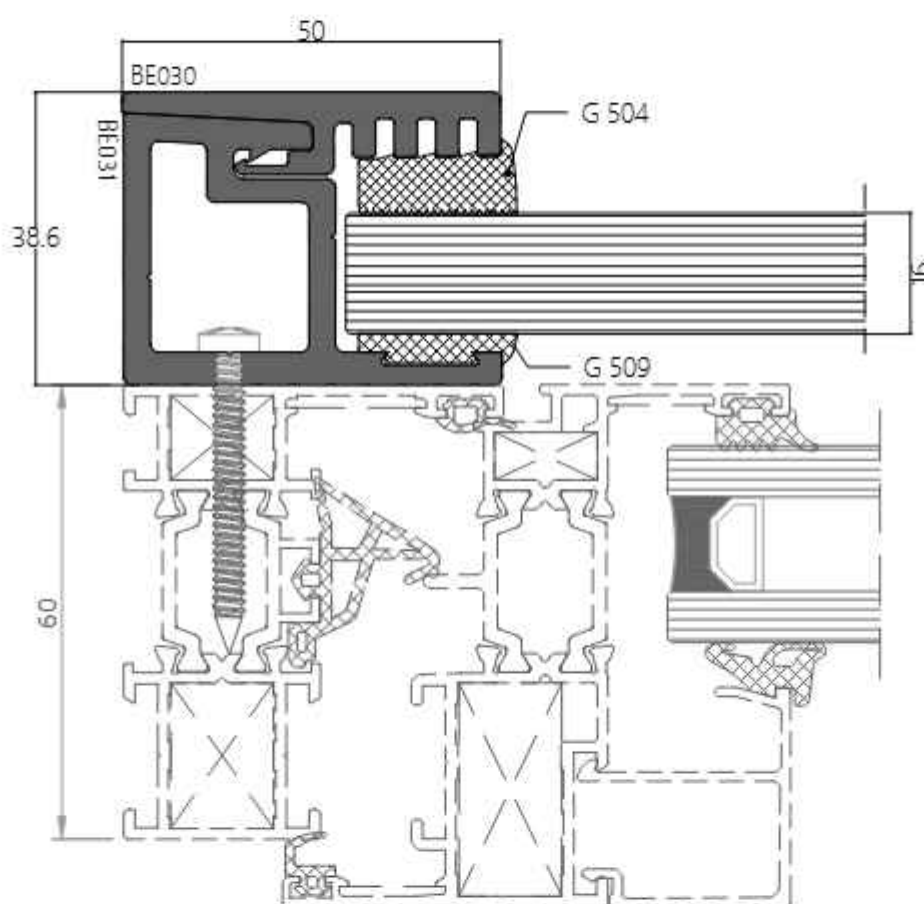
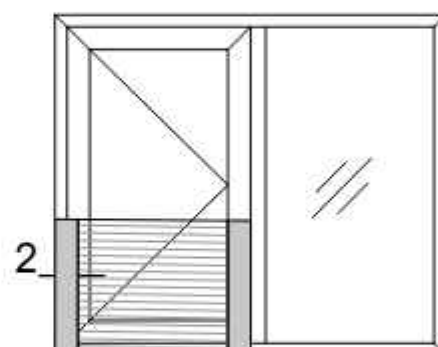


1

HATCH GUIDE : Aluminium PolyAmid PVC EPDM Sponge

www.Bendini.co

DETAIL JULIET AND HT 60 SYSTEM



2

HATCH GUIDE : ● Aluminium

● PolyAmid

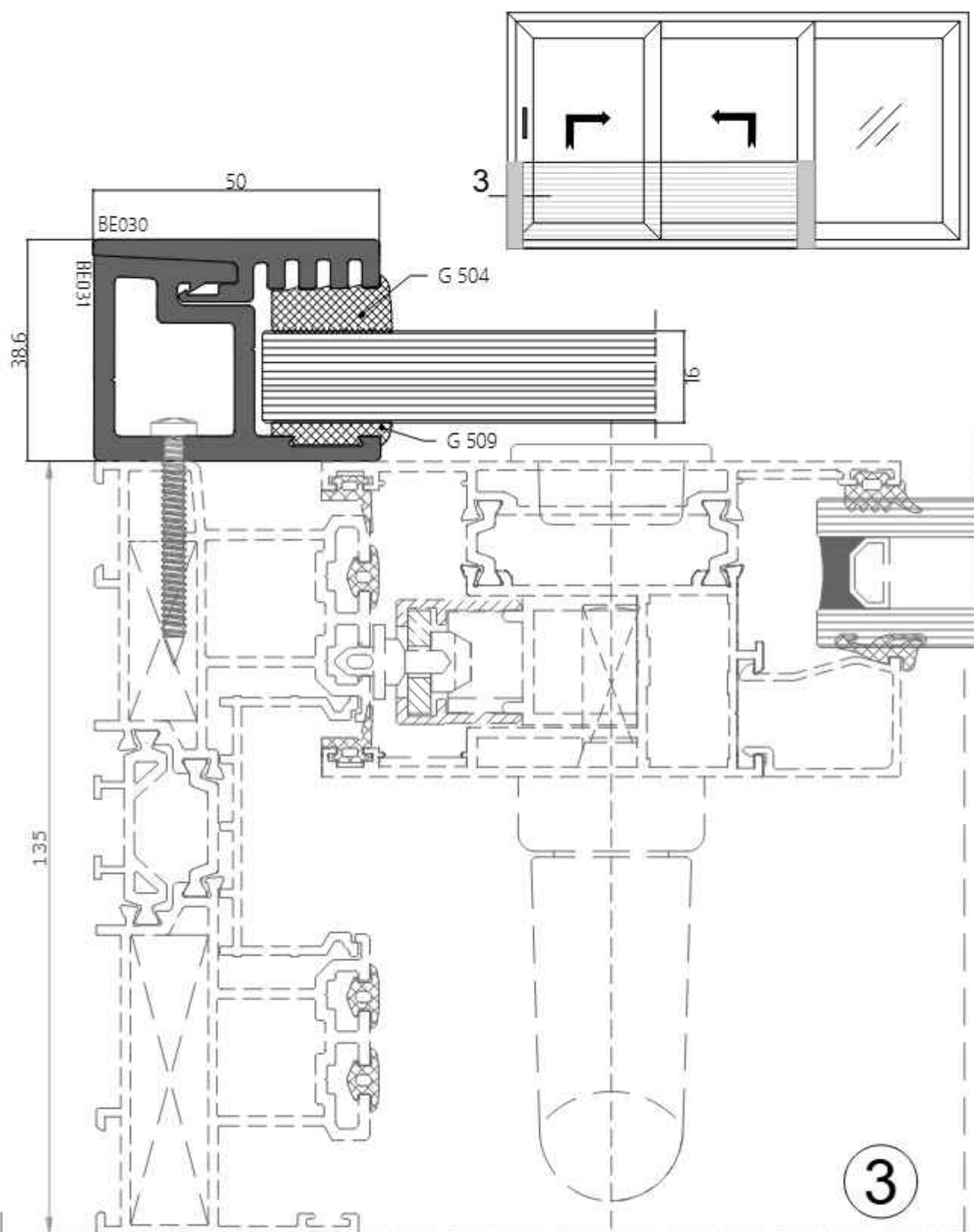
● PVC

● EPDM

● Sponge

www.Bendini.co

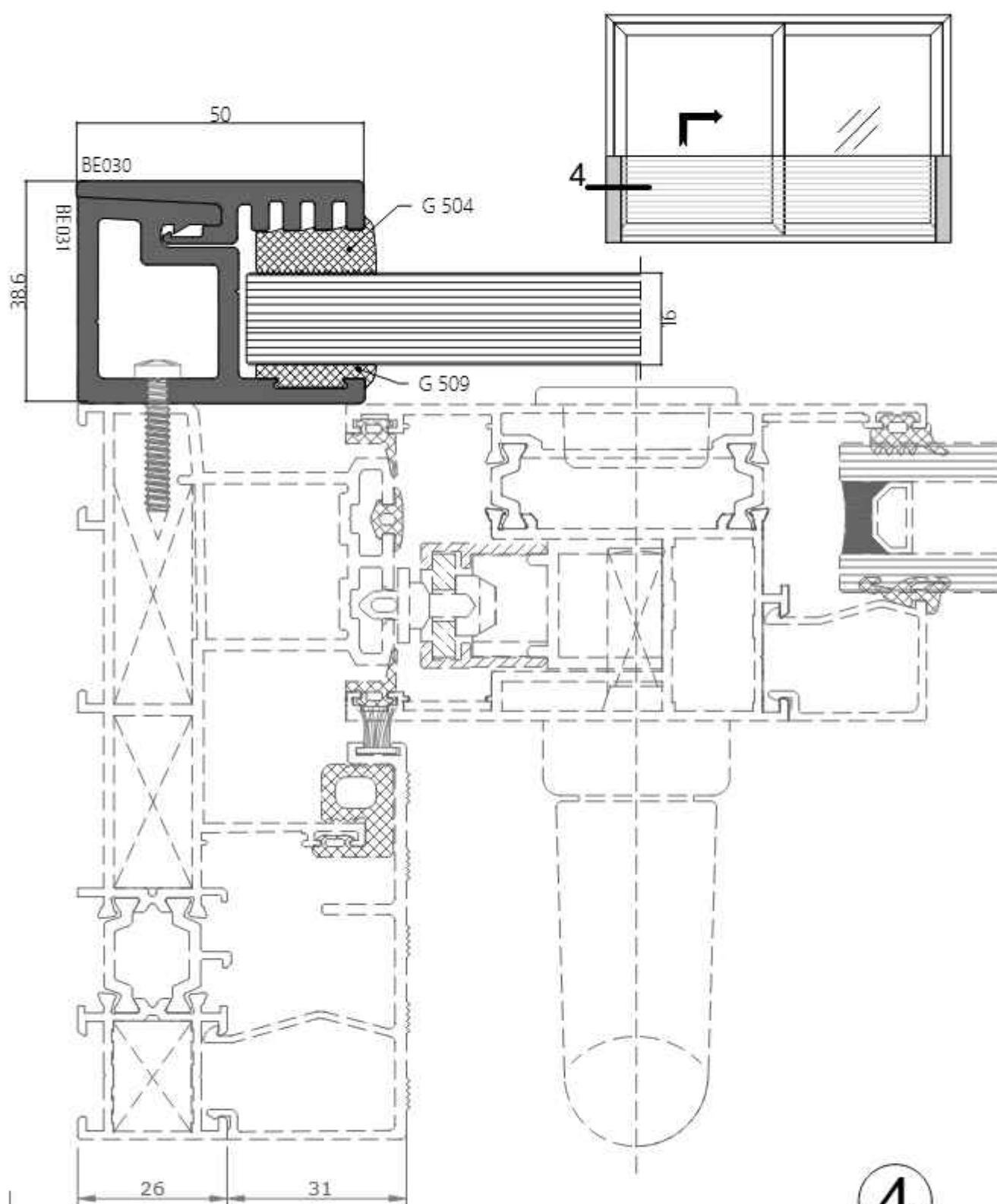
DETAIL JULIET AND LST 135 SYSTEM



HATCH GUIDE :  Aluminium  PolyAmid  PVC  EPDM  Sponge

www.Bendini.co

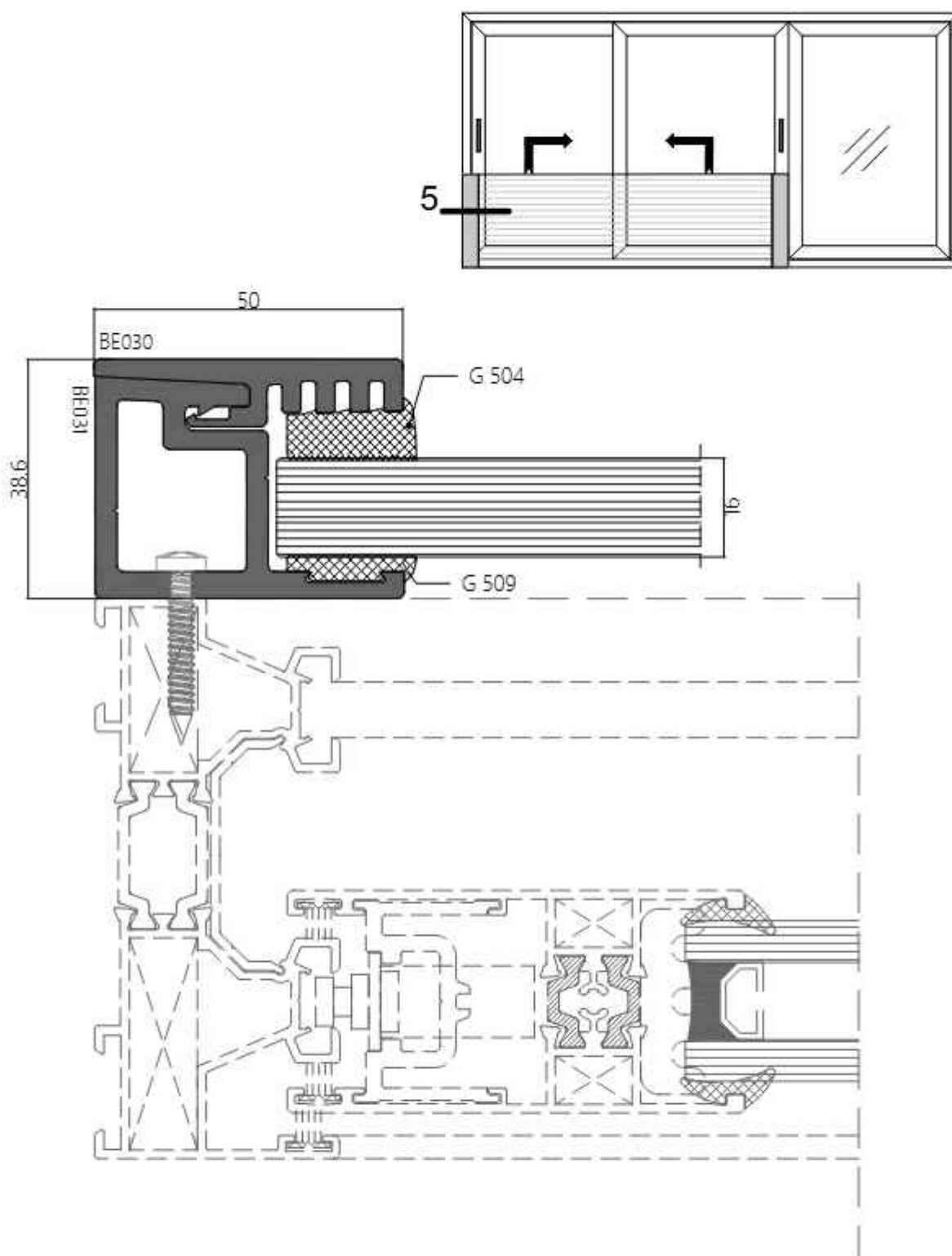
DETAIL JULIET AND MONO RAIL SYSTEM



4

HATCH GUIDE : ● Aluminium ● PolyAmid ● PVC ● EPDM ● Sponge

DETAIL JULIET AND WISDOM SYSTEM



5

HATCH GUIDE : ● Aluminium

● PolyAmid

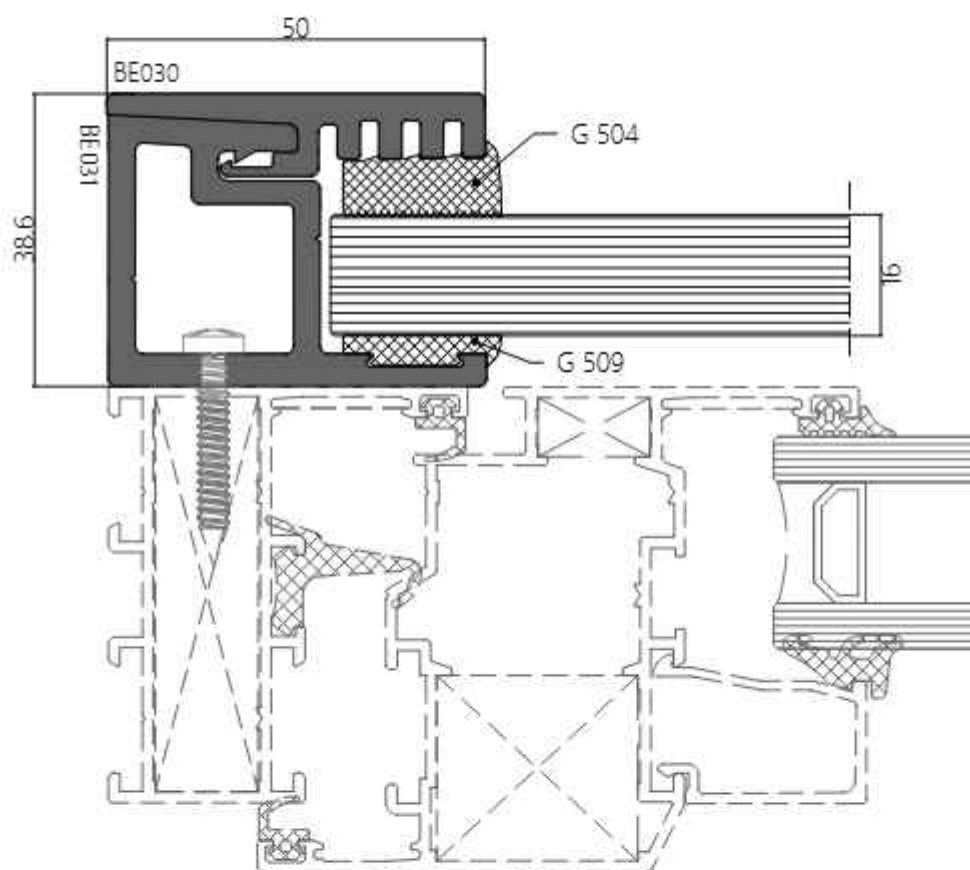
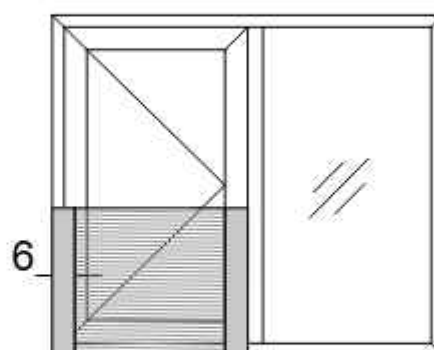
● PVC

● EPDM

● Sponge

www.Bendini.co

DETAIL JULIET AND HN 55 SYSTEM



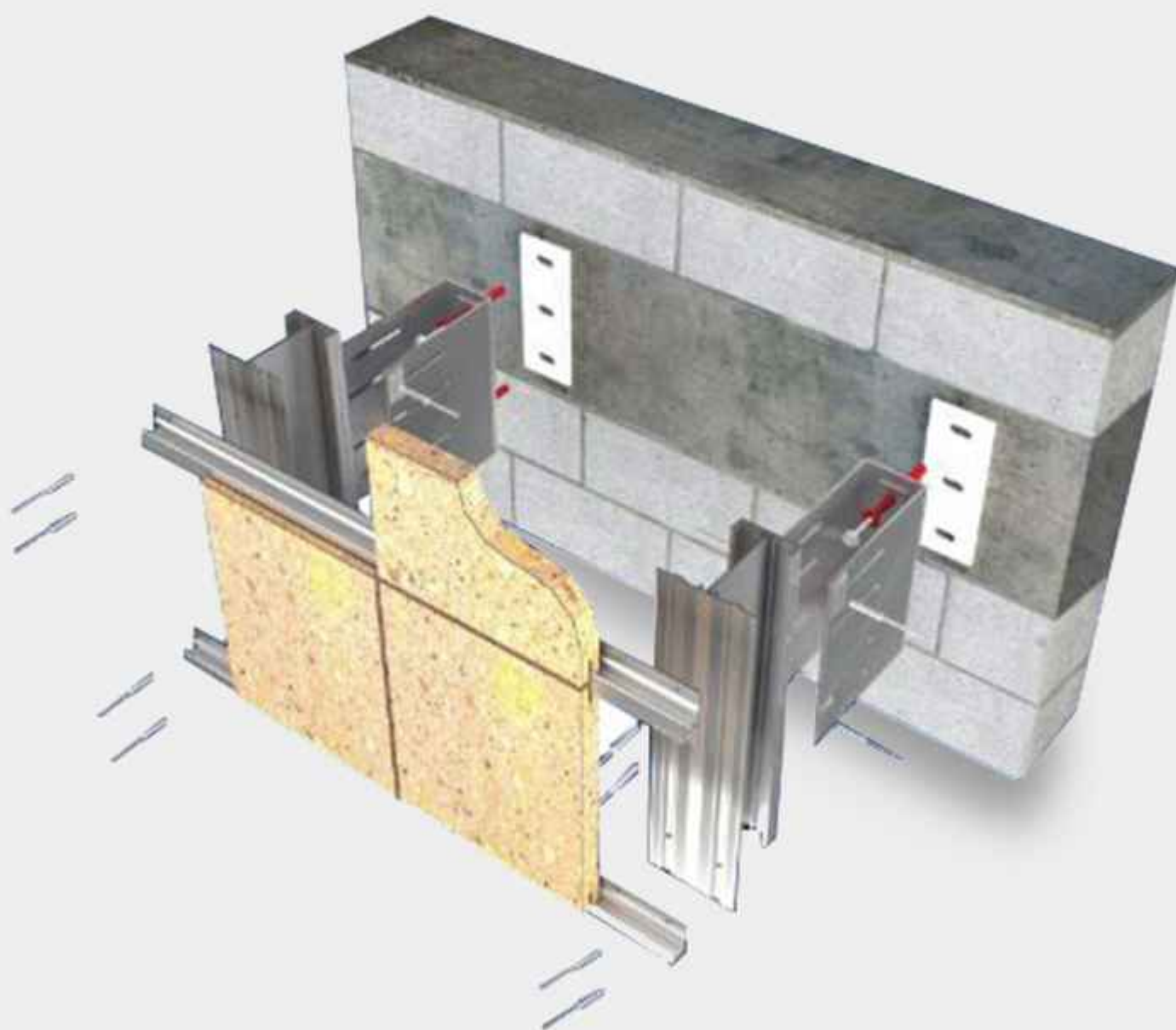
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HATCH GUIDE :  Aluminium  PolyAmid  PVC  EPDM  Sponge

www.Bendini.co

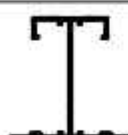
NOTE

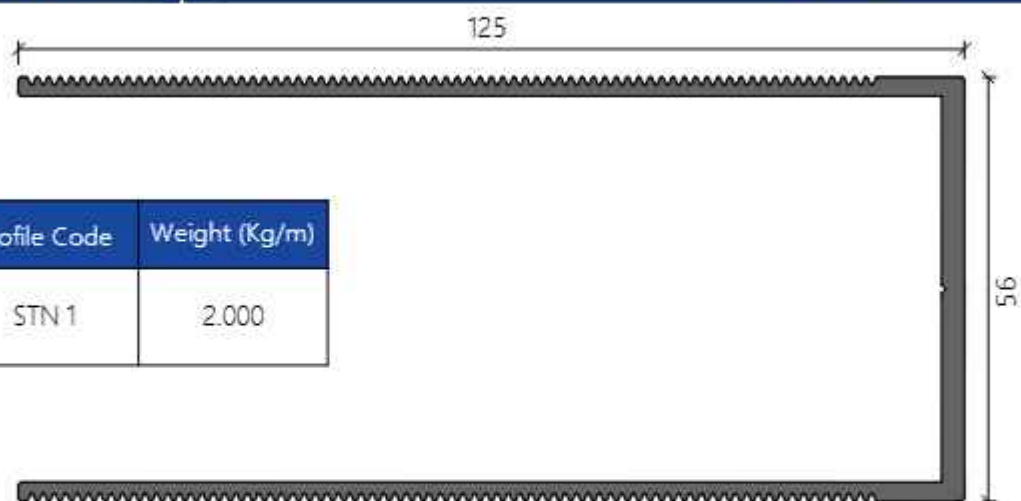
STONE FIX



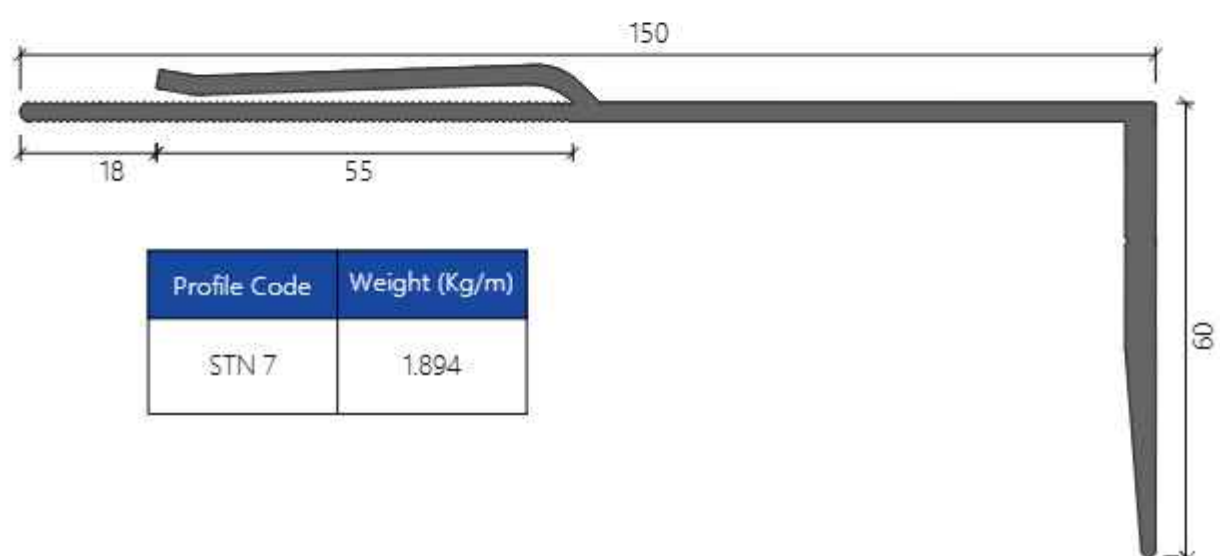
NOTE

OVERVIEW OF PROFILES

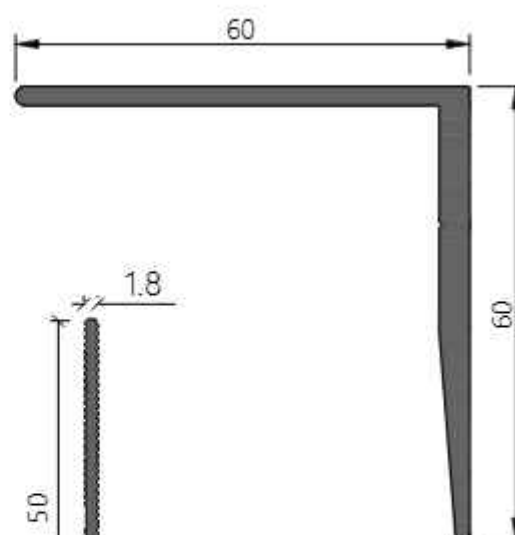
DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE <i>Jx(cm⁴) / Jy (cm⁴)</i>
	STN 1	2.000	-	39.52 / 111.21
	STN 7	1.894	-	9,44 / 177.12
	STN 7-1	0.942	-	4.56 / 17.68
	STN 9	0.392	-	3.15 / 12.38
	STN 3	0.414	-	-
	STN 4	0.287	-	-
	STN 4-1	0.287	-	-
	STN 4-2	0.304	-	-
	STN 4-3	0.363	-	-
	STN 6	0.702	-	-
	STN 12	1.251	-	51.22 / 12.04
	STN 2	1.036	-	14.75 / 14.75
	STN 14	0.840	-	9.69 / 9.69
	STN 10	0.584	-	4.85 / 5013
	STN 11	0.928	-	4.77 / 17.27
	STN 5	0.106	-	-



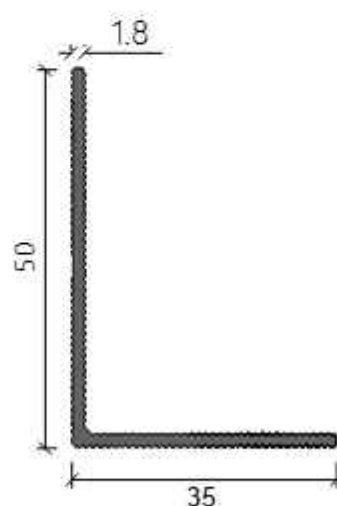
Profile Code	Weight (Kg/m)
STN 1	2.000



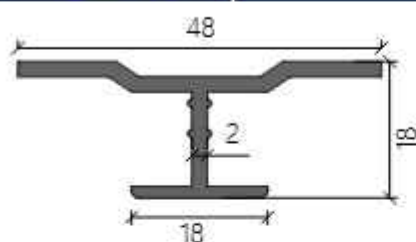
Profile Code	Weight (Kg/m)
STN 7	1.894



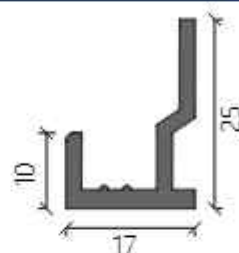
Profile Code	Weight (Kg/m)
STN 7-1	0.942



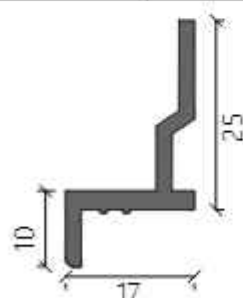
Profile Code	Weight (Kg/m)
STN -9	0.392



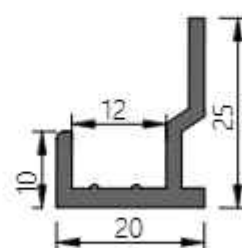
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STN 3	0.414



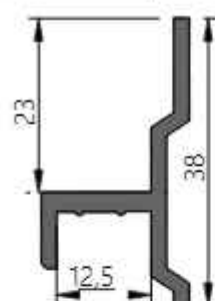
Profile Code	Weight (Kg/m)
STN 4	0.287



Profile Code	Weight (Kg/m)
STN 4-1	0.287



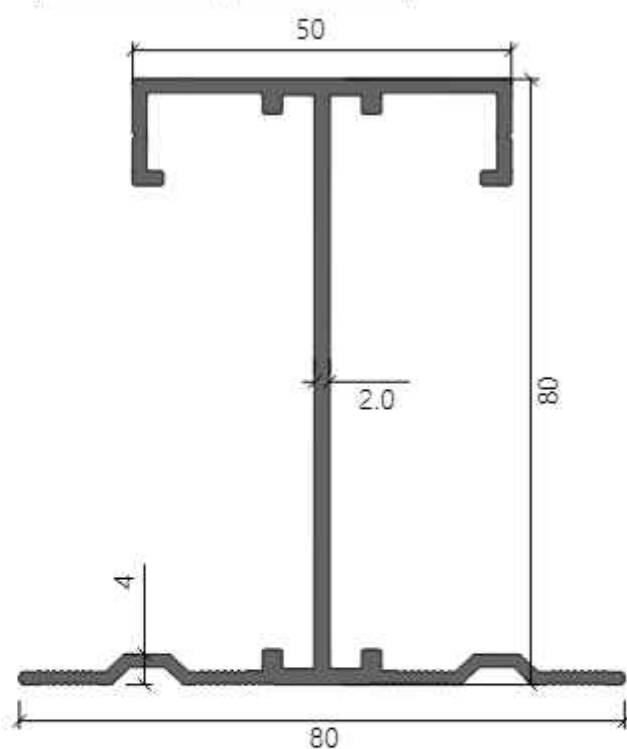
Profile Code	Weight (Kg/m)
STN 4-2	0.304



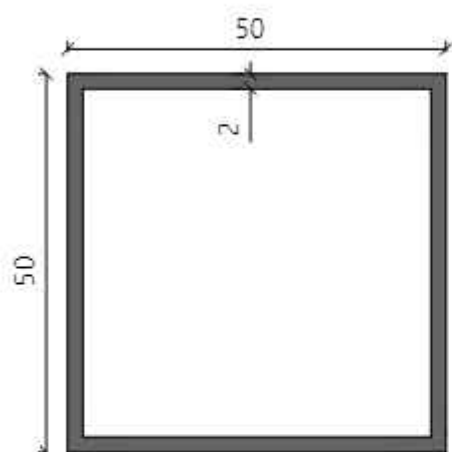
Profile Code	Weight (Kg/m)
STN 4-3	0.363



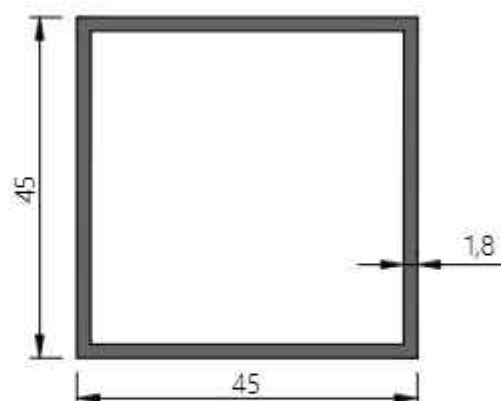
Profile Code	Weight (Kg/m)
STN 6	0.702



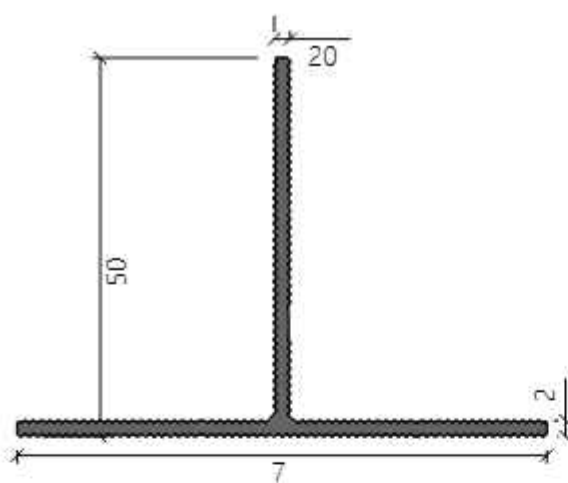
Profile Code	Weight (Kg/m)
STN 12	1.2510



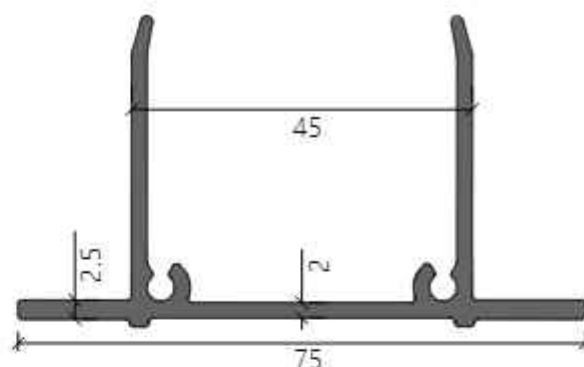
Profile Code	Weight (Kg/m)
STN 2	1.036



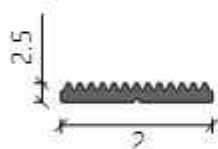
Profile Code	Weight (Kg/m)
STN 14	0.840



Profile Code	Weight (Kg/m)
STN 10	0.5840



Profile Code	Weight (Kg/m)
STN 11	0.9280



Profile Code	Weight (Kg/m)
STN 5	0.106



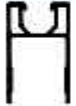
Profile Code	Weight (Kg/m)
STN 21	0.330
STN 22	0.345

SOLAR SYSTEM PANEL



NOTE

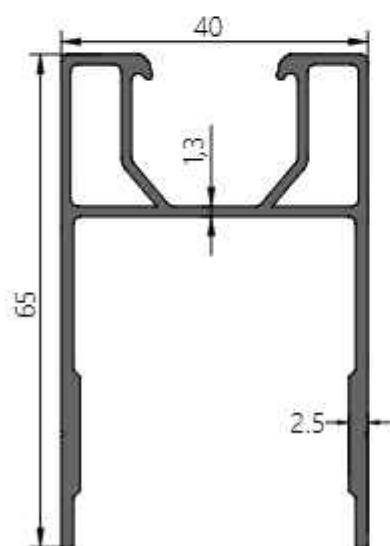
OVERVIEW OF PROFILES

DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE Jx(cm4) / Jy (cm4)
	SOL-1	0.964	-	/
	SOL-2	0.813	-	/
	SOL-3	0.449	-	/
	SOL-4	0.750	-	/
	SOL-5	0.855	-	/
	SOL-6	0.511	-	/
	SOL-7	0.879	-	/
	SOL-8	0.576	-	/
	SOL-9	0.664	-	/
	SOL-10	2.50	-	/
	SOL-31	0.8440	-	/
	SOL-32	0.496	-	/
	SOL-33	0.642	-	/

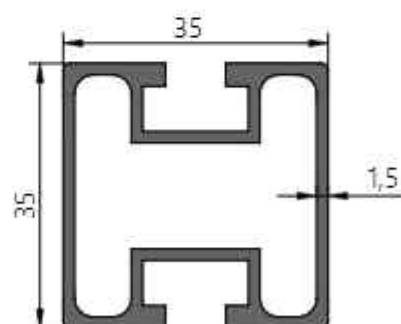
OVERVIEW OF PROFILES

DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE J_x(cm⁴) / J_y (cm⁴)
	SOL-34	0.304	-	/
	SOL-35	0.878	-	/
	SOL-36	0.895	-	/
	SOL-37	1.053	-	/
	SOL-38	0.880	-	/
	SOL-39	0.566	-	/

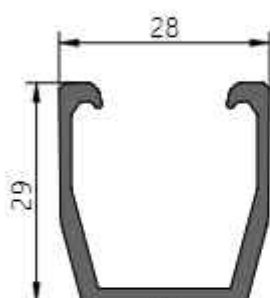
Aluminum solar profiles are a common structural material used in solar photovoltaic power generation systems, including various types of solar aluminum alloy frames, brackets, rails, angle codes and connectors. These profiles are characterized by lightweight, high strength and corrosion resistance and can be selected according to specific application requirements with appropriate models and specifications.



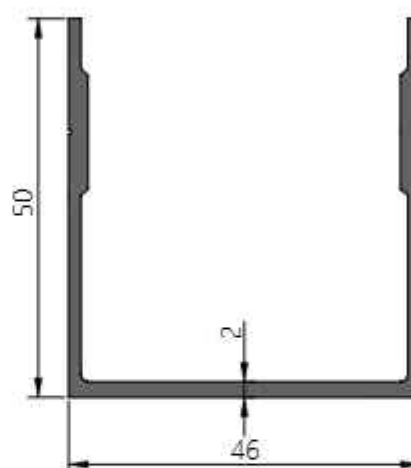
Profile Code	Weight (Kg/m)
SOL-1	0.964



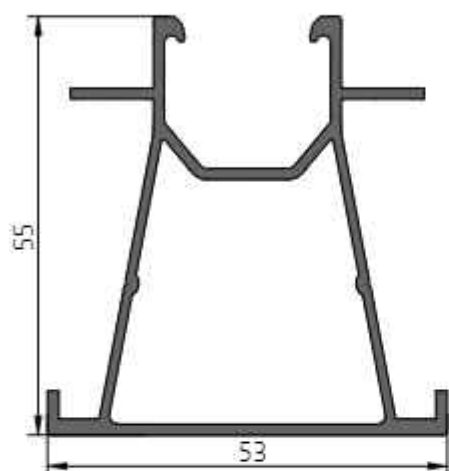
Profile Code	Weight (Kg/m)
SOL-2	0.813



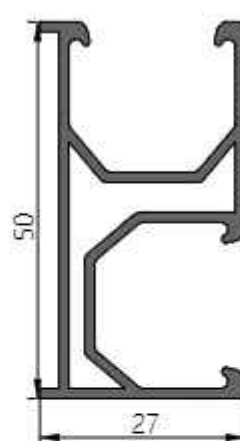
Profile Code	Weight (Kg/m)
SOL-3	0.449



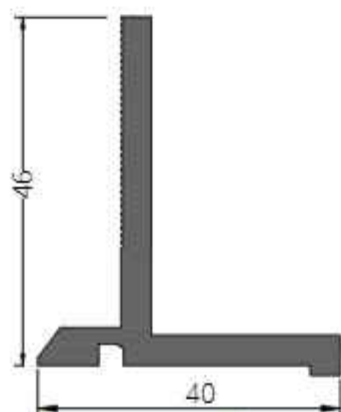
Profile Code	Weight (Kg/m)
SOL-5	0.750



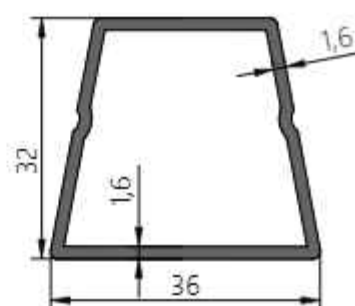
Profile Code	Weight (Kg/m)
SOL-4	0.855



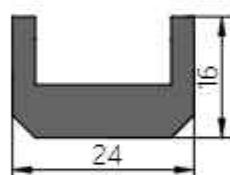
Profile Code	Weight (Kg/m)
SOL-9	0.664



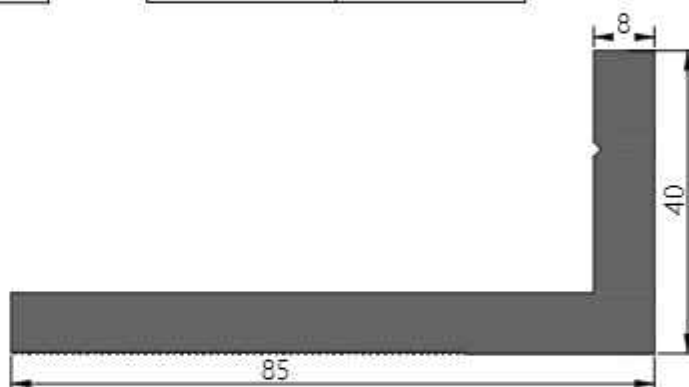
Profile Code	Weight (Kg/m)
SOL-7	0.879



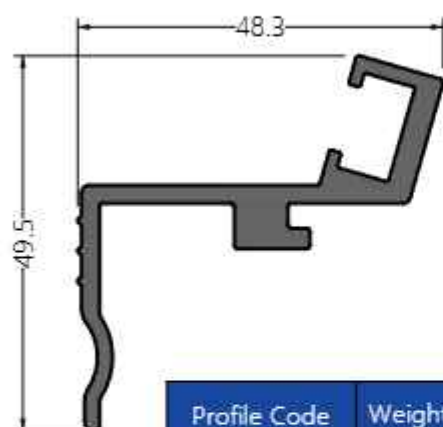
Profile Code	Weight (Kg/m)
SOL-6	0.511



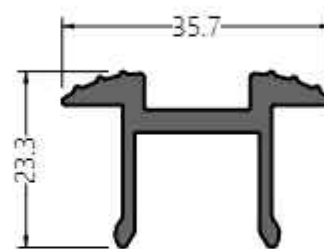
Profile Code	Weight (Kg/m)
SOL-8	0.576



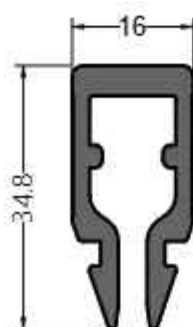
Profile Code	Weight (Kg/m)
SOL-10	2.500



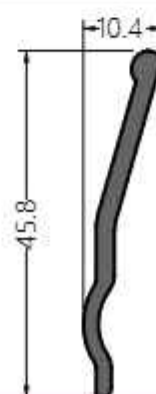
Profile Code	Weight (Kg/m)
SOL-31	0.844



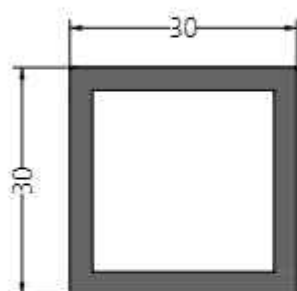
Profile Code	Weight (Kg/m)
SOL-32	0.496



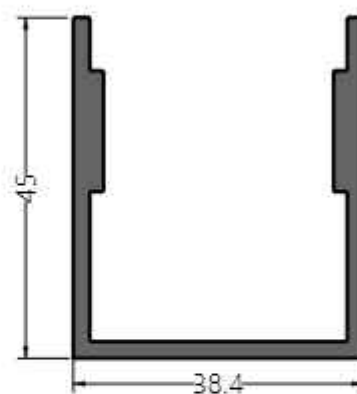
Profile Code	Weight (Kg/m)
SOL-33	0.642



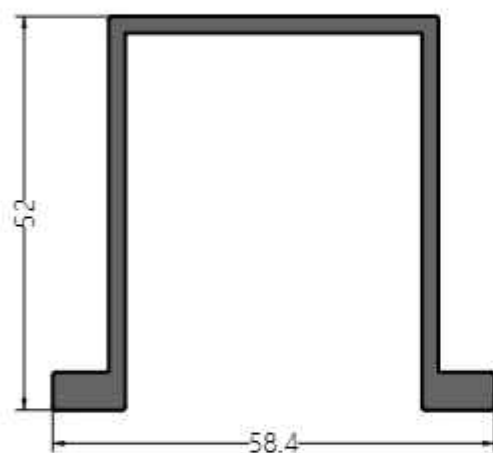
Profile Code	Weight (Kg/m)
SOL-34	0.304



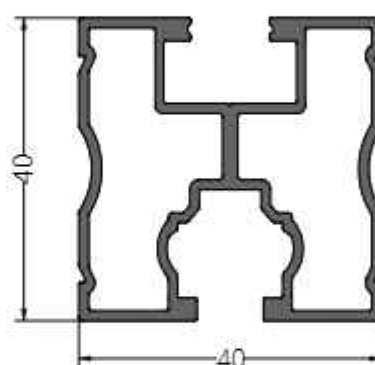
Profile Code	Weight (Kg/m)
SOL-35	0.878



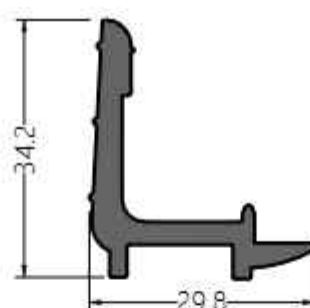
Profile Code	Weight (Kg/m)
SOL-36	0.895



Profile Code	Weight (Kg/m)
SOL-37	1.053



Profile Code	Weight (Kg/m)
SOL-38	0.880



Profile Code	Weight (Kg/m)
SOL-39	0.566

GENERAL



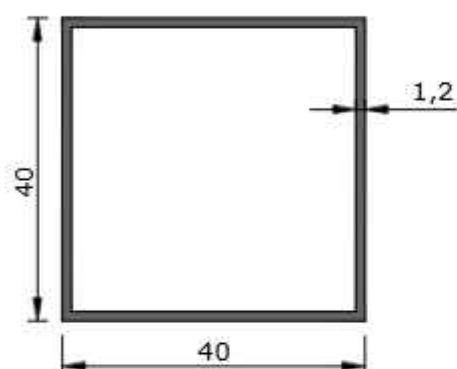
NOTE

OVERVIEW OF PROFILES

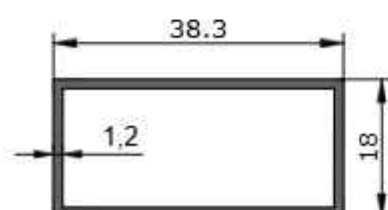
DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE <i>I_x(cm⁴) / I_y (cm⁴)</i>
	B4x4-1.2	0.502	Box profile	4.67 / 4.67
	BE844-11	0.463	Box profile	4.67 / 4.67
	B38x18-1.2	0.350	Box profile	0.73 / 2.42
	4x4 -3	0.623	L profile	5.71 / 1.44
	L 2x2-7	0.075	L profile	/
	L 2x2-8	0.085	L profile	/
	B 98 X2-7	0.437	Box profile	1.21 / 16.81
	B 98 X2-8	0.499	Box profile	1.36 / 19.12
	B 100X15-1.5	0.997	Box profile	1.42 / 40.35
	1851	0.647	Panel Profile	16.09 / 0.45
	1851-1	1.072	Panel Profile	97.45 / 0.81
	1850	0.815	Panel Profile	27.96 / 2.23

OVERVIEW OF PROFILES

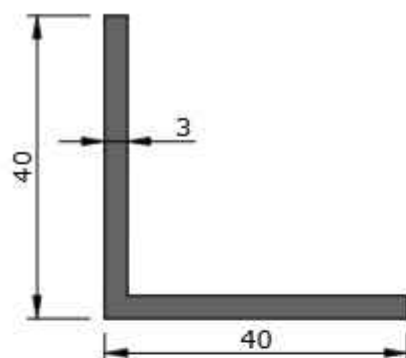
DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE J_x(cm⁴) / J_y(cm⁴)
	BE 024	0.769	Box profile	13.75 / 0.48
	BE 091	0.436	L profile	/
	B 4x4W 7	0.318	Kitchen profile	2.62 / 3.65
	B 4x4W 8	0.362	Kitchen profile	2.62 / 3.65
	BE844W11	0.506	Kitchen profile	4.33 / 6.04
	B 4X4 - 7	0.265	Kitchen profile	0.73 / 2.13
	B 4X4 - 8	0.295	Kitchen profile	0.73 / 2.13
	B 4X2W 7	0.292	Kitchen profile	0.75 / 3.11
	B 4X2W 8	0.326	Kitchen profile	0.83 / 3.45
	BE824F10	0.349	Kitchen profile	1 / 2.81
	B45X20	0.425	Kitchen profile	0.60 / 3.82
	B 45X 20W	0.43	Kitchen profile	1.20 / 4.12



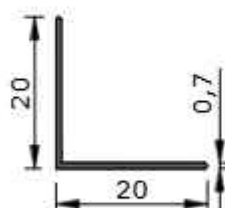
Profile Name	Profile Code	Weight (Kg/m)	Thickness
Box Profile	B4x4-1.2	0.502	1.2
	BE844-11	0.463	1.1



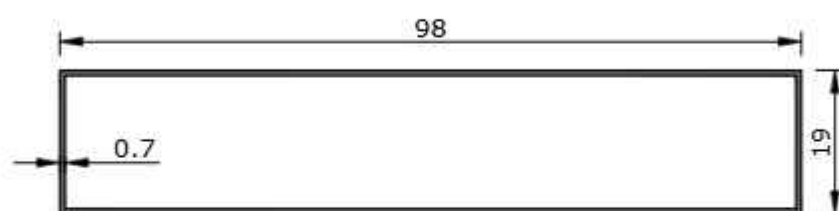
Profile Name	Profile Code	Weight (Kg/m)
Box Profile	B38x18-1.2	0.350



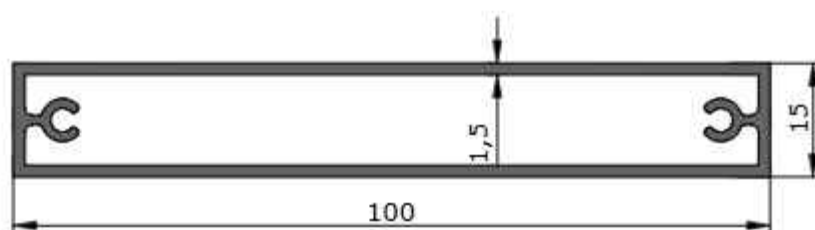
Profile Name	Profile Code	Weight (Kg/m)
L Profile	4x4-3	0.623



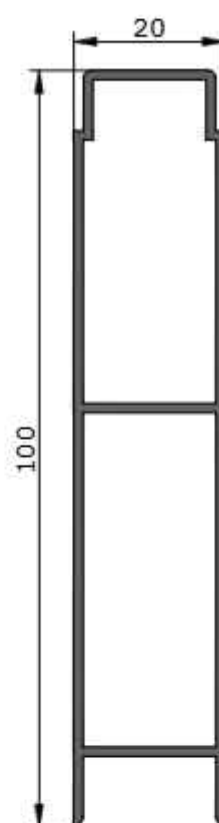
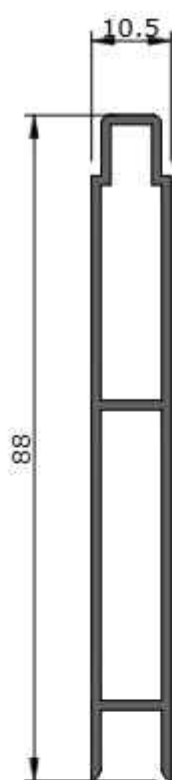
Profile Name	Profile Code	Weight (Kg/m)	Thickness
L Profile	L 2X2 - 7	0.075	0.7
	L 2X2 - 8	0.085	0.8



Profile Name	Profile Code	Weight (Kg/m)	Thickness
Box Profile	B 98X2 - 7	0.437	0.7
	B 98X2 - 8	0.499	0.8

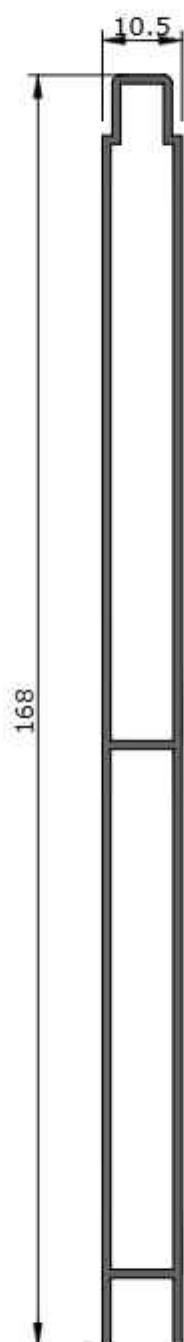


Profile Name	Profile Code	Weight (Kg/m)
Box Profile	B 100X15-1.5	0.997

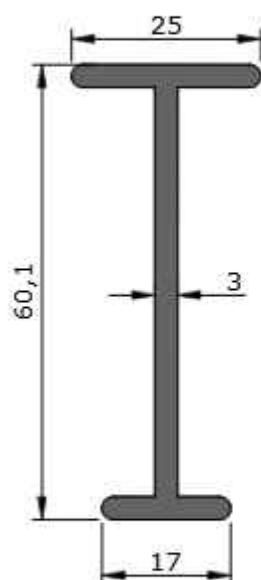


Profile Name	Profile Code	Weight (Kg/m)
Panel Profile	1851	0.647

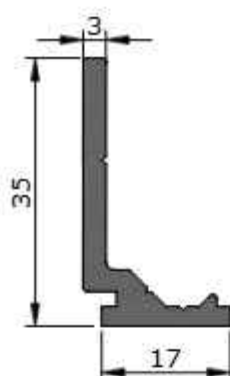
Profile Name	Profile Code	Weight (Kg/m)
Panel Profile	1850	0.815



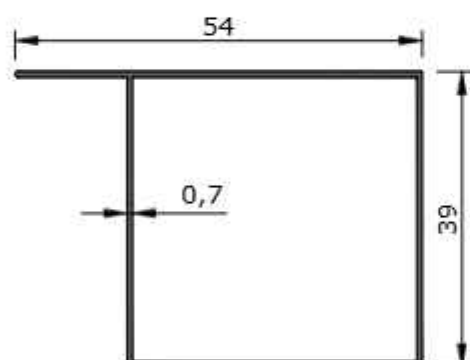
Profile Name	Profile Code	Weight (Kg/m)
Panel Profile	1851-1	1.072



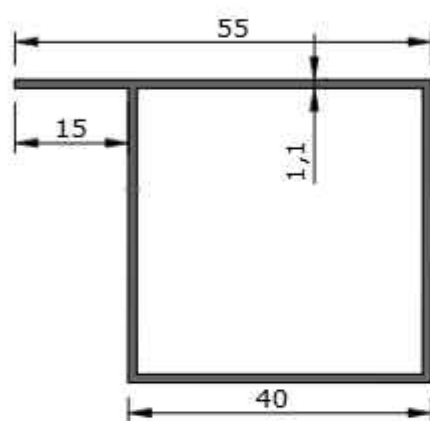
Profile Name	Profile Code	Weight (Kg/m)
Box Profile	BE 024	0.769



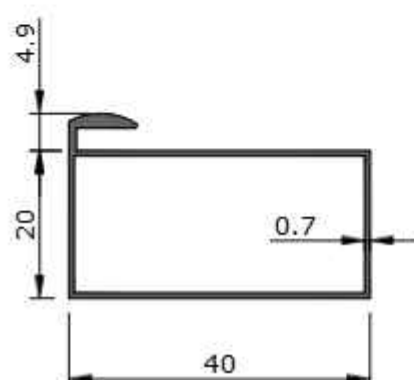
Profile Name	Profile Code	Weight (Kg/m)
L Profile	BE 091	0.436



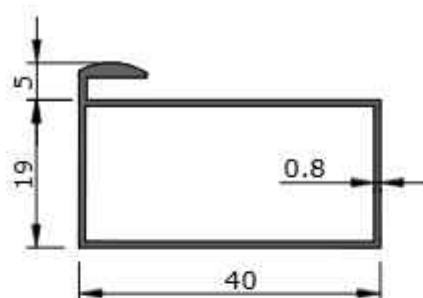
Profile Name	Profile Code	Weight (Kg/m)	Thickness
Kitchen Profile	B 4X4W 7	0.3180	0.7
	B 4X4W 8	0.362	0.8



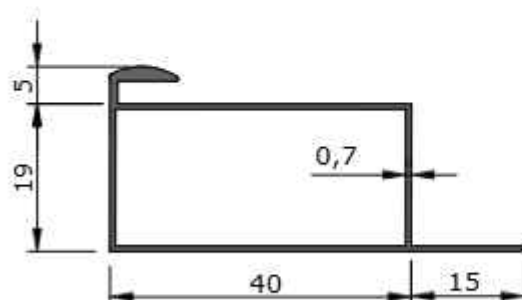
Profile Name	Profile Code	Weight (Kg/m)
Kitchen Profile	BE844W11	0.506



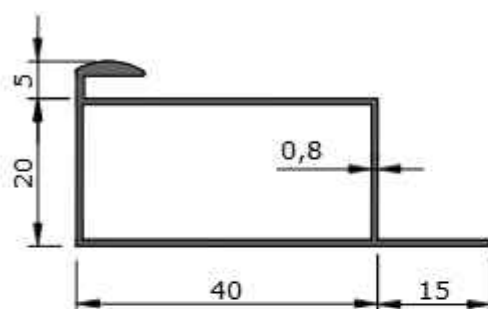
Profile Name	Profile Code	Weight (Kg/m)
Kitchen Profile	B 4X4 - 7	0.265



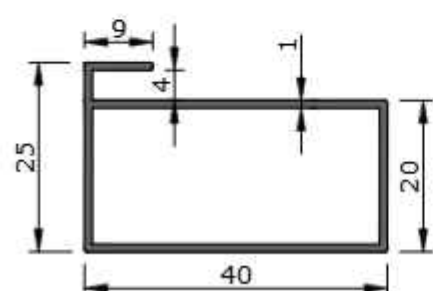
Profile Name	Profile Code	Weight (Kg/m)
Kitchen Profile	B 4X4 - 8	0.2950



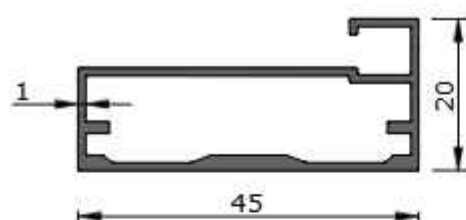
Profile Name	Profile Code	Weight (Kg/m)
Kitchen Profile	B 4X2W 7	0.292



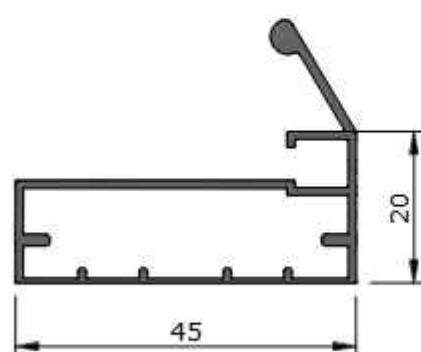
Profile Name	Profile Code	Weight (Kg/m)
Kitchen Profile	B 4X2W 8	0.326



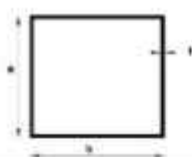
Profile Name	Profile Code	Weight (Kg/m)
Kitchen Profile	BE824F10	0.349



Profile Name	Profile Code	Weight (Kg/m)
Kitchen Profile	B45X20	0.4250



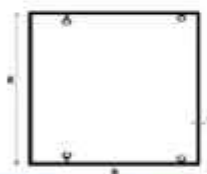
Profile Name	Profile Code	Weight (Kg/m)
Kitchen Profile	B 45X 20W	0.4300



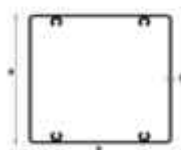
a(mm)	b(mm)	t(mm)	weight(kg/m)
20	20	0.7	0.151
20	20	0.8	0.173
20	20	1.8	0.389
20	20	2.8	0.605
30	30	1.8	0.583
30	30	2.8	0.907
38	38	0.7	0.287
38	38	0.8	0.328
40	40	1.8	0.778
40	40	2.8	1.210
45	45	1.8	0.875
50	50	1.8	0.972
50	50	2.8	1.512
80	80	2	1.728
100	100	2	2.160



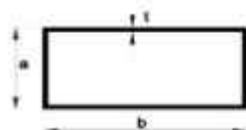
a(mm)	b(mm)	weight(kg/m)
10	10	0.270
12	12	0.389
15	15	0.608
20	20	1.080
25	25	1.688
30	30	2.430
35	35	3.308
40	40	4.320
45	45	5.468
50	50	6.750
55	55	8.168
60	60	9.720
65	65	11.408
70	70	13.230
75	75	15.188
80	80	17.280
85	85	19.508
90	90	21.870
95	95	24.368
100	100	27.000



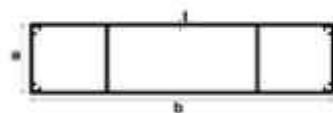
a(mm)	b(mm)	t(mm)	weight(kg/m)
123	123	2.5	3.456



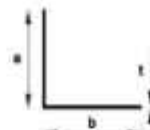
a(mm)	b(mm)	t(mm)	weight(kg/m)
130	130	2.3	3.728



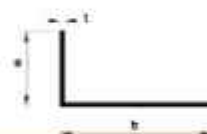
a(mm)	b(mm)	t(mm)	weight(kg/m)
18	38	1.2	0.363
20	30	1.1	0.297
20	100	0.7	0.454
20	100	0.8	0.518
20	100	1.6	1.037
40	20	0.7	0.227
40	20	0.8	0.259
40	20	0.9	0.292
40	20	1	0.324
40	20	1.1	0.356
40	20	1.8	0.583
40	20	2.8	0.907
40	60	1.3	0.702
50	25	1.8	0.729
50	25	2	0.810
50	25	2.8	1.134
80	40	1.8	1.166
80	40	2.8	1.814



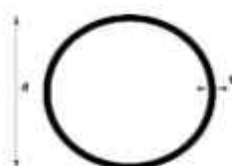
a(mm)	b(mm)	t(mm)	weight(kg/m)
50	200	2.5	3.25



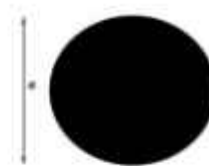
a(mm)	b(mm)	t(mm)	weight (kg/m)
20	20	1.8	0.194
20	20	2.8	0.302
25	25	1.8	0.243
25	25	2.8	0.378
30	30	1.8	0.292
30	30	2.8	0.454
40	40	1.2	0.259
40	40	1.8	0.389
40	40	2.8	0.605
40	40	4	0.864
50	50	1.8	0.486
50	50	2.8	0.756
50	50	5	1.350



a(mm)	b(mm)	t(mm)	weight(kg/m)
20	30	1.2	0.162
20	40	1.2	0.194



d(mm)	t (mm)	weight(kg/m)
20	1.8	0.305
20	2.8	0.475
30	1.8	0.458
30	2.8	0.712
40	1.8	0.610
40	2.8	0.950
50	1.5	0.636
50	1.8	0.763
50	2.8	1.187
75	1.8	1.145
75	2.8	1.780
75	5	3.179
100	1.8	1.526
100	2.8	2.374
100	5	4.239
120	1.8	1.831
120	2.8	2.849
120	5	5.087
150	1.8	2.289
150	2.8	3.561
150	5	6.359



d(mm)	weight(kg/m)
5	0.053
10	0.212
20	0.848
25	1.325
30	1.908
35	2.596
40	3.391
45	4.292
50	5.299
55	6.411
60	7.630
65	8.955
70	10.386
75	11.922
80	13.565
85	15.313
90	17.168
95	19.128
100	21.195

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