

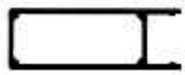
OVERVIEW OF PROFILES

DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE <i>J_x(cm⁴) / J_y(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

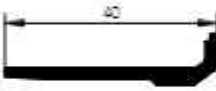
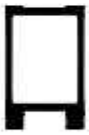
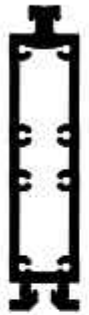
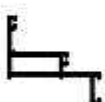
OVERVIEW OF PROFILES

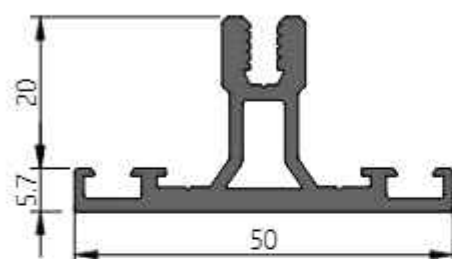
DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE $I_x(\text{cm}^4) / I_y(\text{cm}^4)$
	11008	2.843	150mm Mullion and Transom Profile	389.3 / 38.7
	11009	2.420	156mm Mullion and Transom Profile	320 / 36.8
	11010	4.680	180mm Mullion and Transom Profile	920 / 59
	11016	2.955	180mm Mullion and Transom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

OVERVIEW OF PROFILES

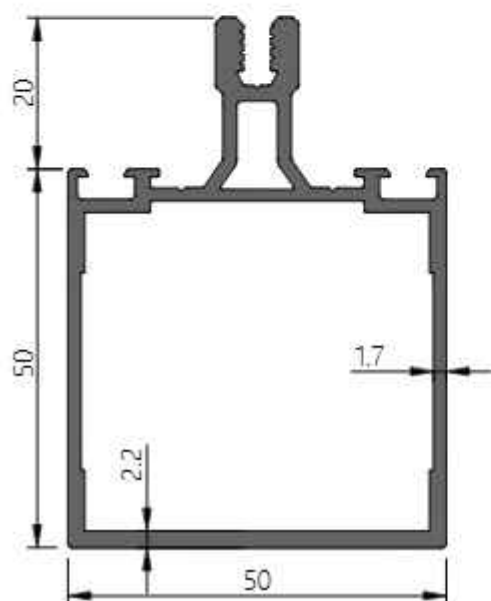
DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE <i>I_x(cm⁴) / I_y(cm⁴)</i>
	11201	0.368	Pressure Plate	0.07 / 2.9
	11204	0.552	Pressure Plate	1.29 / 5.85
	11203	1.100	Pressure Plate	/
	11206	0.276	Cover Cap Profile	/
	11207	0.342	Cover Cap Profile	/
	11212	1.456	Cover Cap Profile	25.32 / 52.57
	11214	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

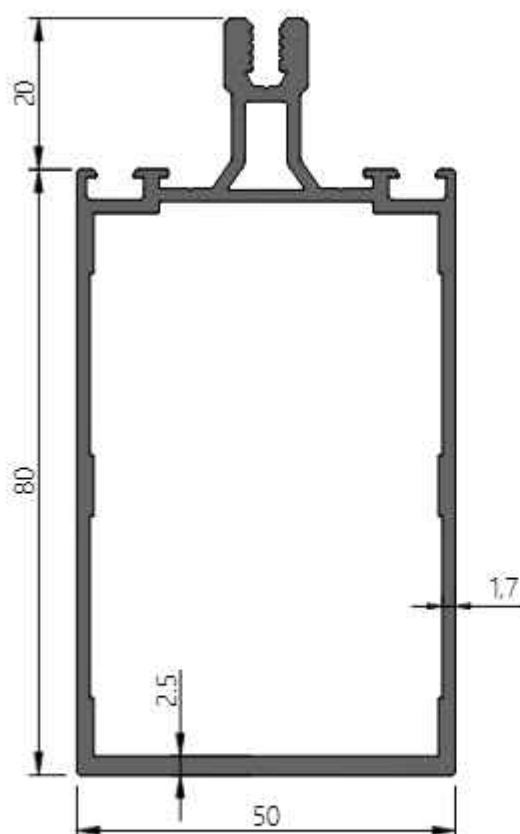
DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE I_x(cm⁴) / I_y(cm⁴)
	11232	0.265	Glass Support	/
	10420	2.472	Mullion Reinforcement	76.30 / 35
	10421	0.205	Reinforcement Cover Cap	/
	11304	1.575	T Connection	9.4 / 6.9
	11306	0.385	T Connection	/
	11303	1.351	T Connection	10.80 / 8.16
	11301	7.880	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



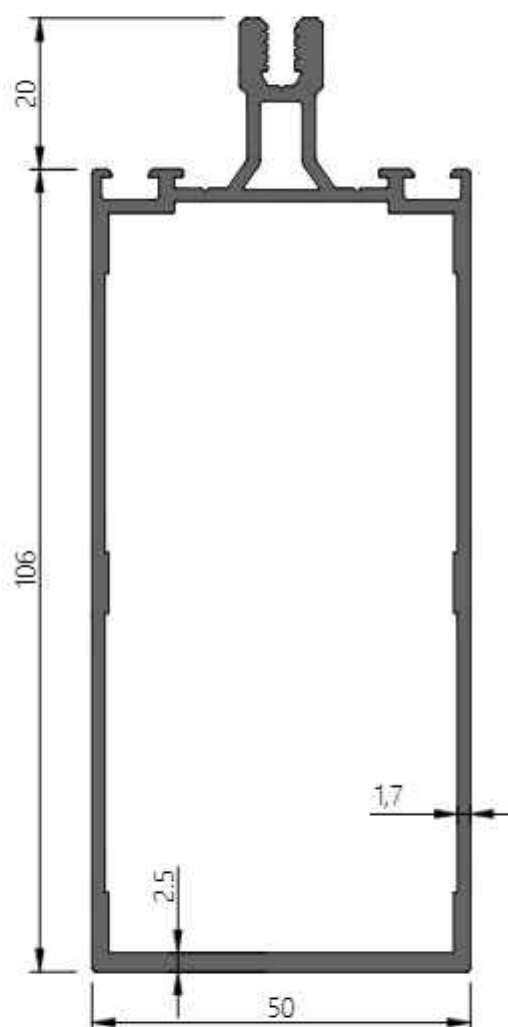
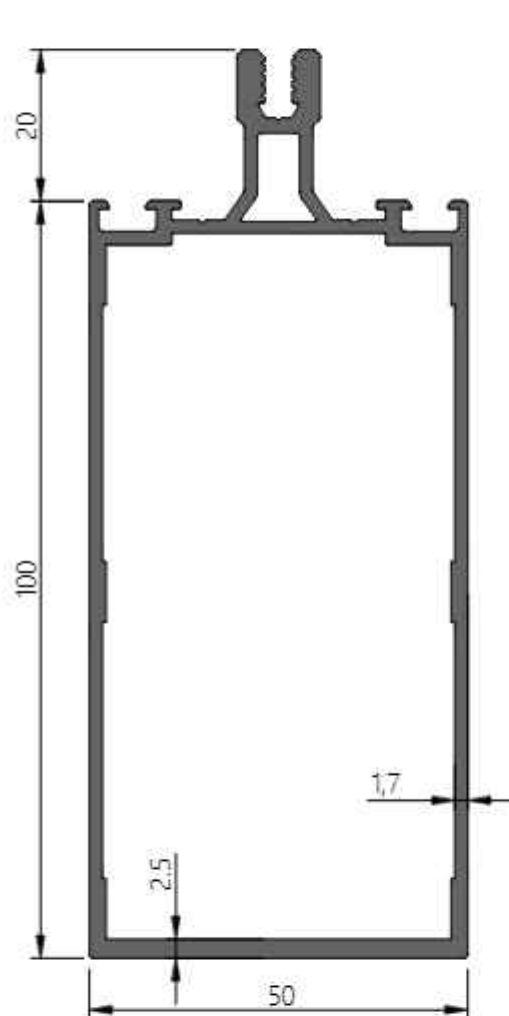
Jx	Jy	Profile Code	Weight (Kg/m)
4.3	5.2	11001	0.759



Jx	Jy	Profile Code	Weight (Kg/m)
26.5	14.6	11003	1.371

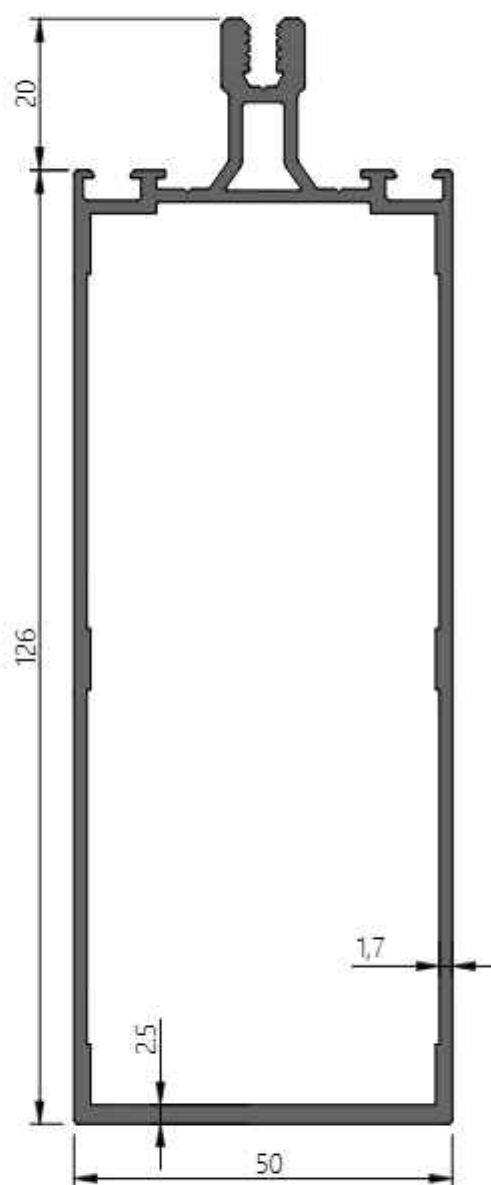
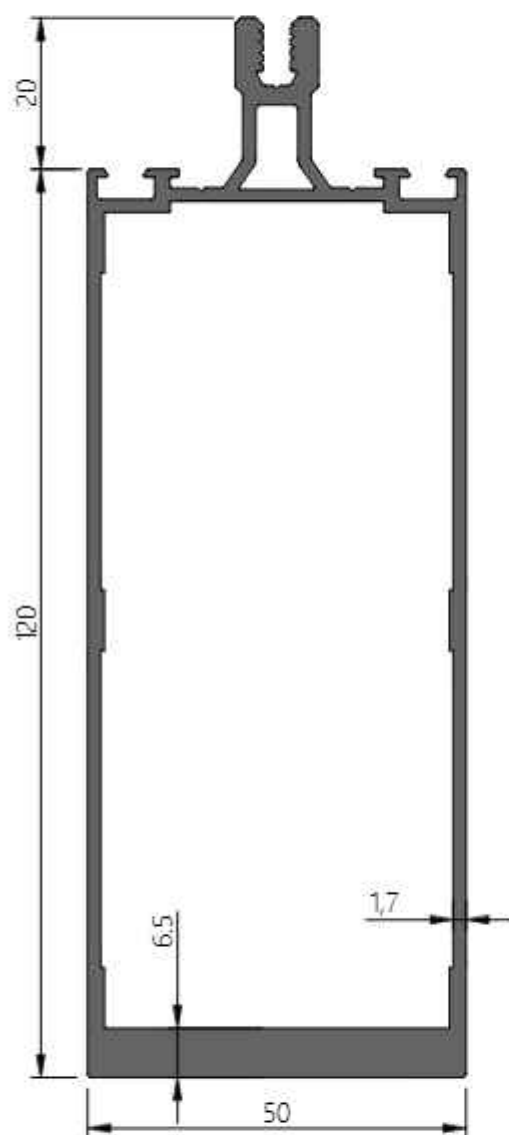


Jx	Jy	Profile Code	Weight (Kg/m)
69.6	21	11004	1.668



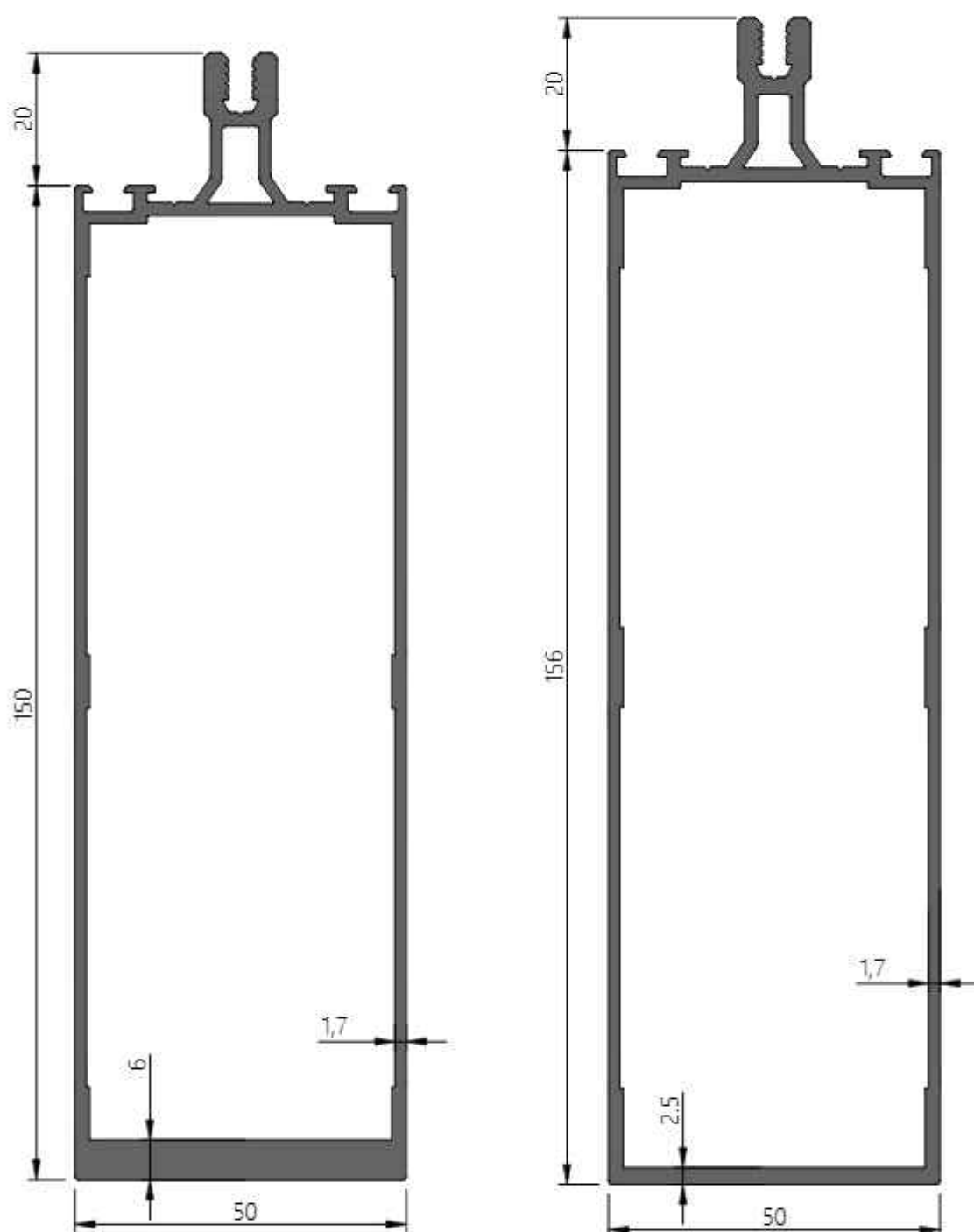
Jx	Jy	Profile Code	Weight (Kg/m)
117.9	25.7	11005	1.889

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



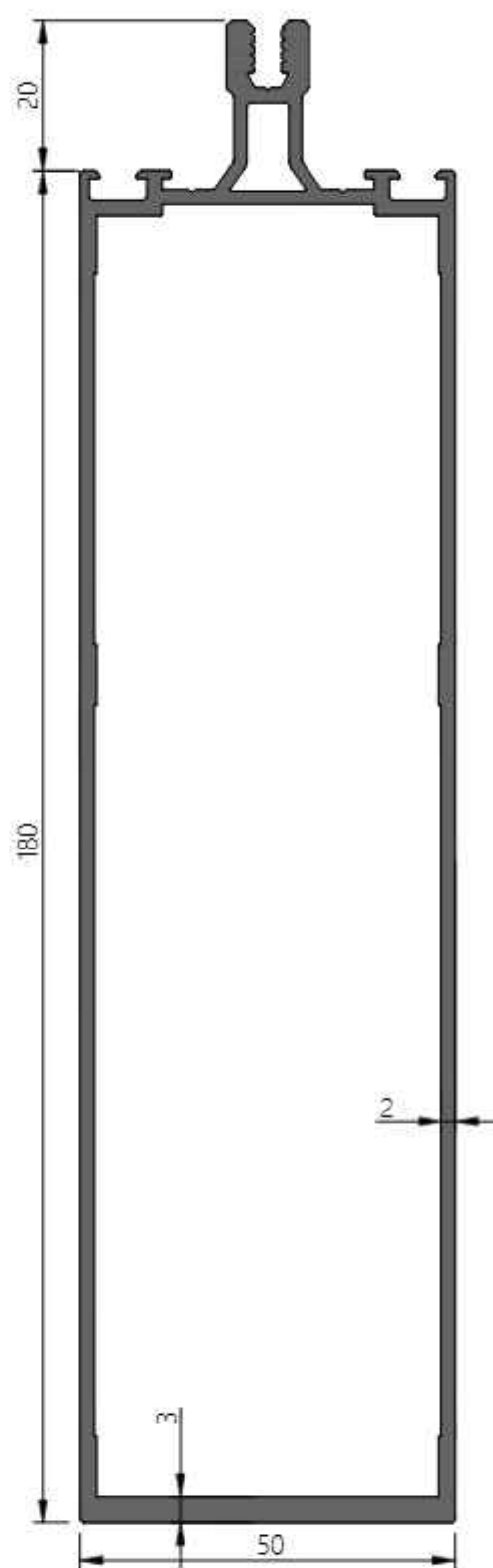
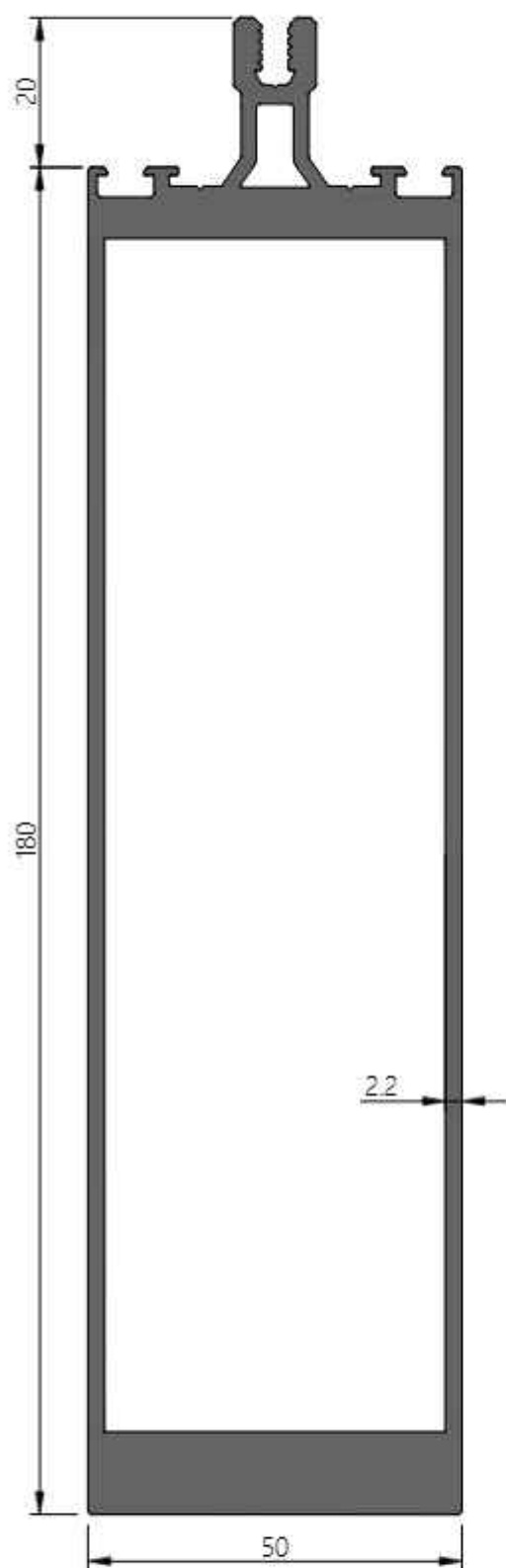
Jx	Jy	Profile Code	Weight (Kg/m)
244.7	32.9	11006	2.615

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



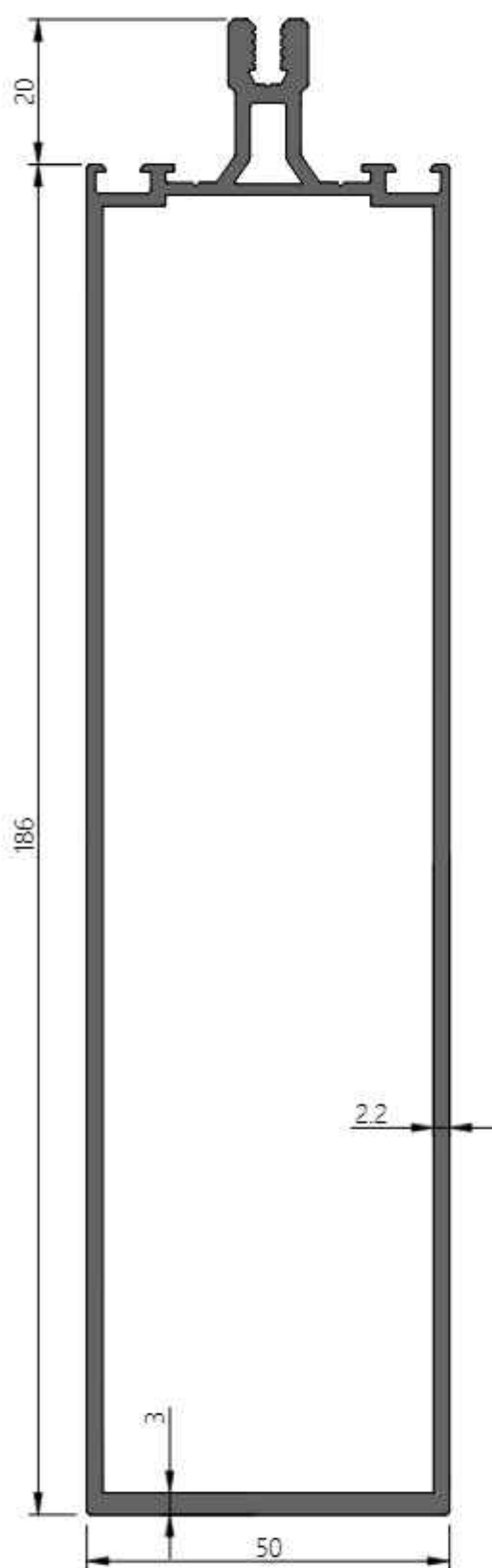
Jx	Jy	Profile Code	Weight (Kg/m)
389.3	38.7	11008	2.843

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

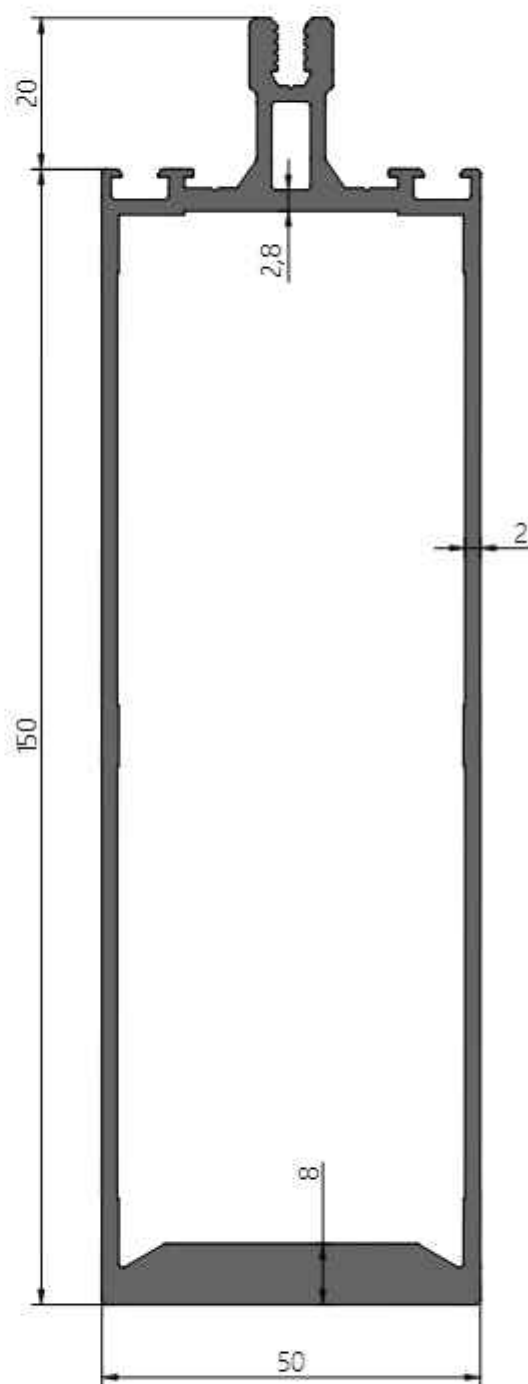


Jx	Jy	Profile Code	Weight (Kg/m)
920	59	11010	4.680

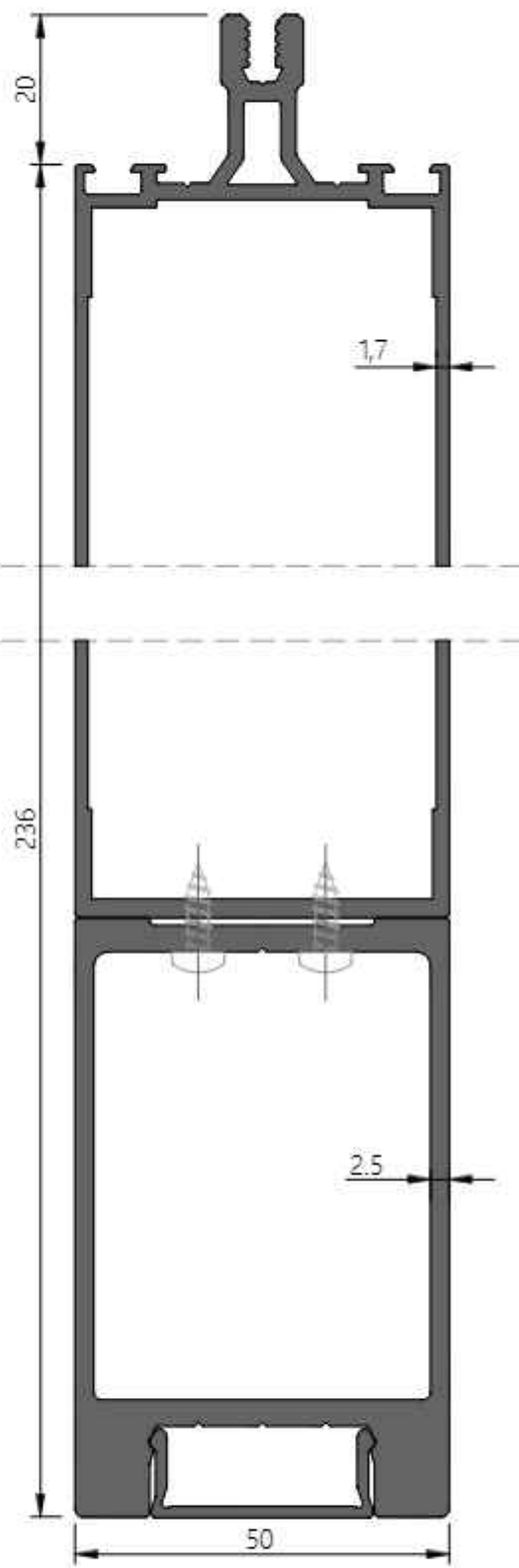
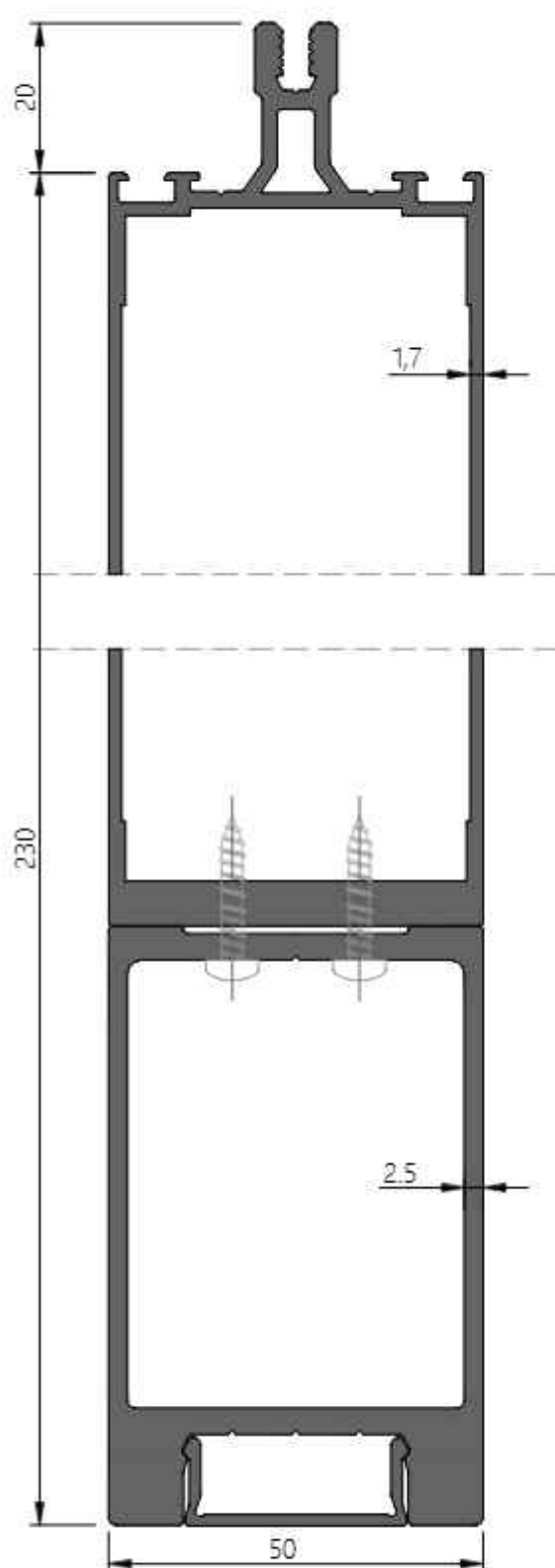
Jx	Jy	Profile Code	Weight (Kg/m)
516	45	11016	2.955



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

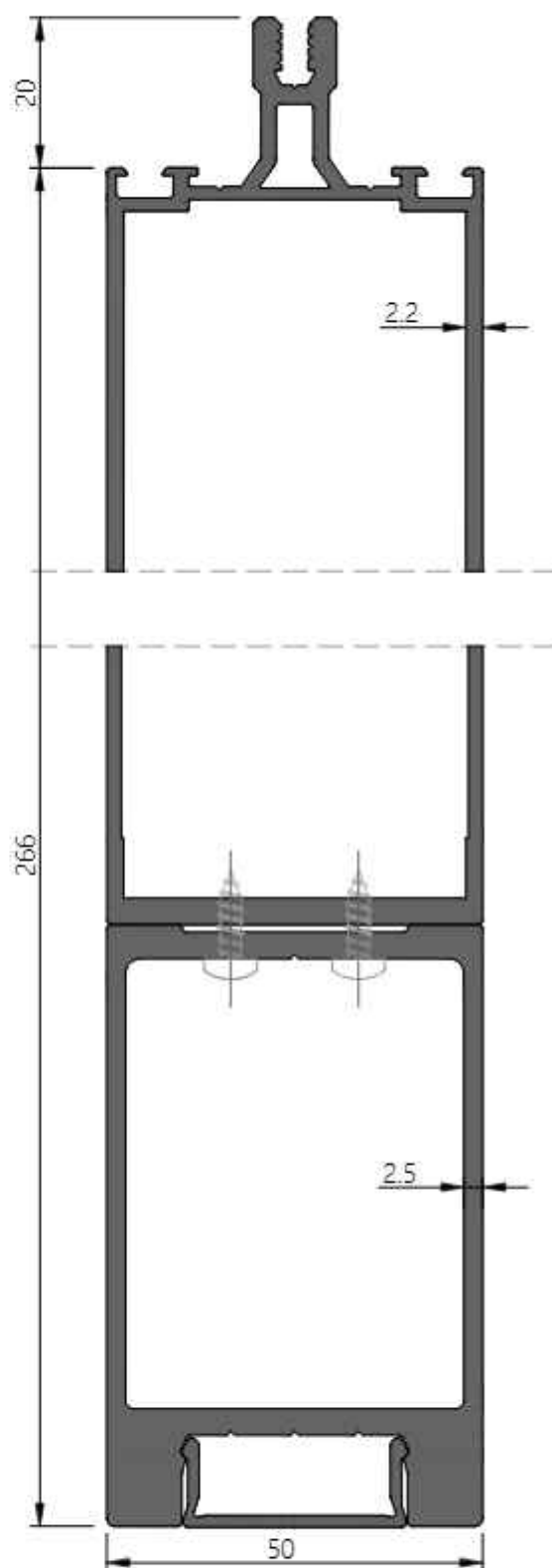
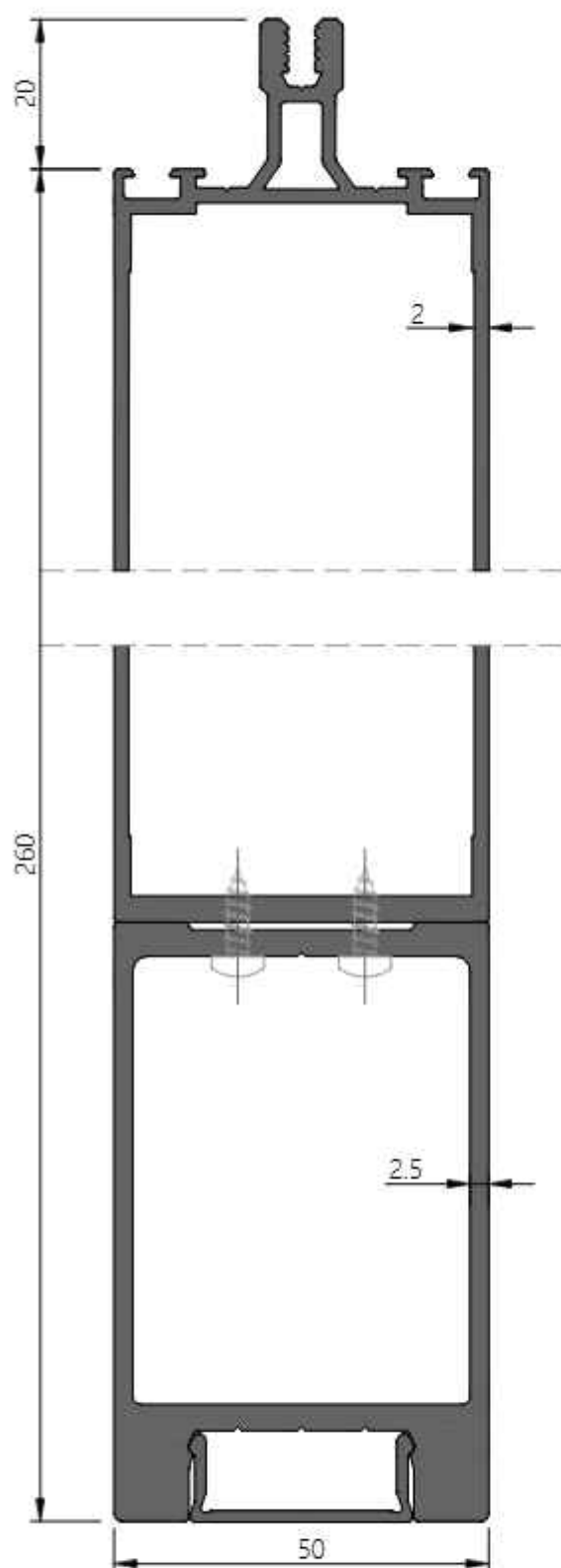


Jx	Jy	Profile Code	Weight (Kg/m)
455	42.8	11017	3.311



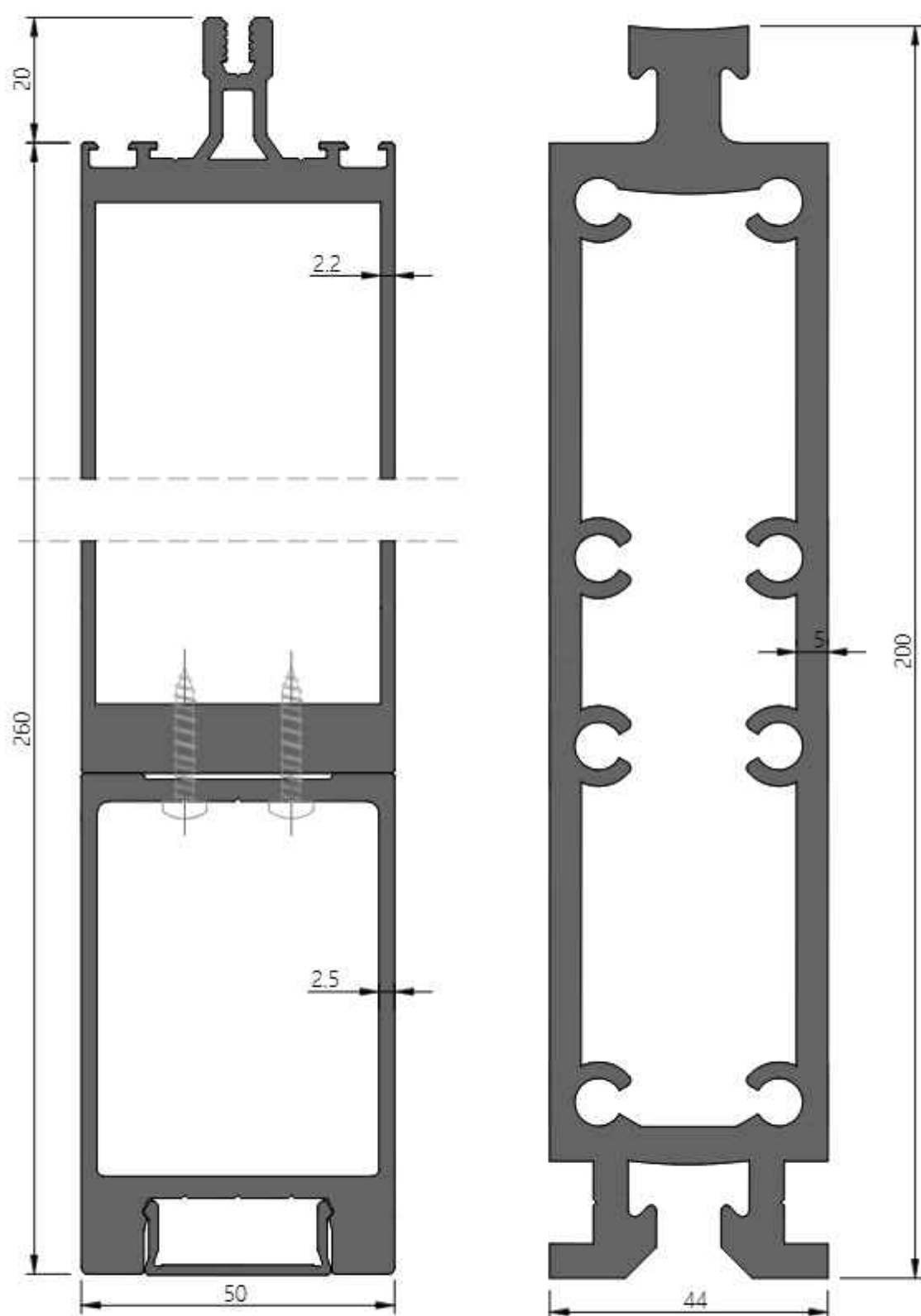
Jx	Jy	Profile Code	Weight (Kg/m)
1135	73	11008+10420	5.520

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



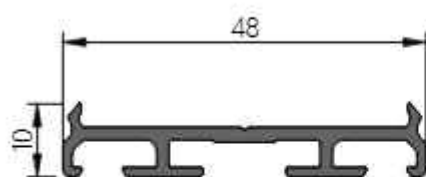
Jx	Jy	Profile Code	Weight (Kg/m)
1582	80	11016+10420	5.632

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

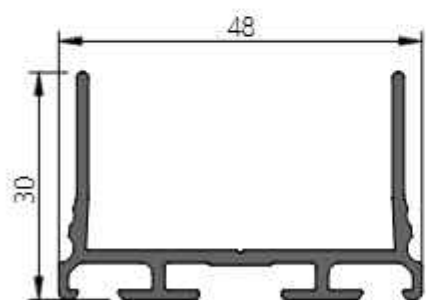


Jx	Jy	Profile Code	Weight (Kg/m)
2100	95	11010+10420	7.240

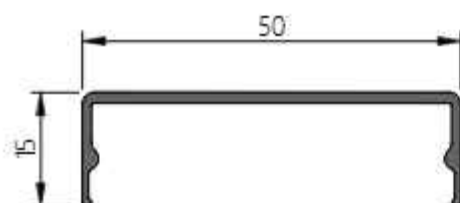
Profile Name	Profile Code	Weight (Kg/m)
Dilation Profile	11301	7.880



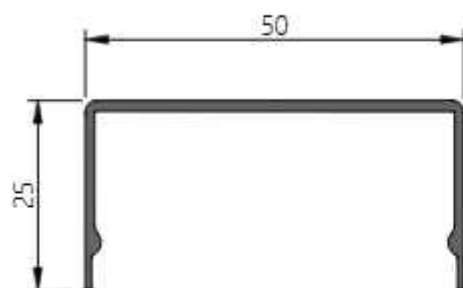
Profile Name	Profile Code	Weight (Kg/m)
Pressure Plate	11201	0.368



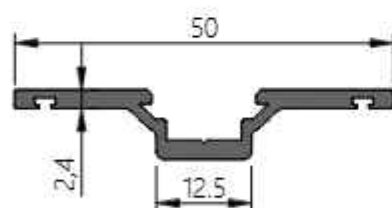
Profile Name	Profile Code	Weight (Kg/m)
Pressure Plate	11204	0.552



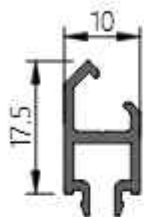
Profile Name	Profile Code	Weight (Kg/m)
Cover Cap Profile	11206	0.276



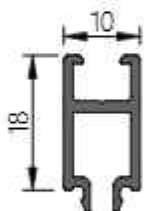
Profile Name	Profile Code	Weight (Kg/m)
Cover Cap Profile	11207	0.342



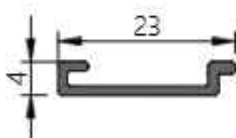
Profile Name	Profile Code	Weight (Kg/m)
Pressure Plate	11213	0.345



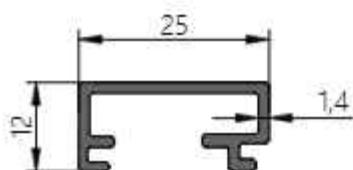
Profile Name	Profile Code	Weight (Kg/m)
Glazing Adaptor	11222	0.166



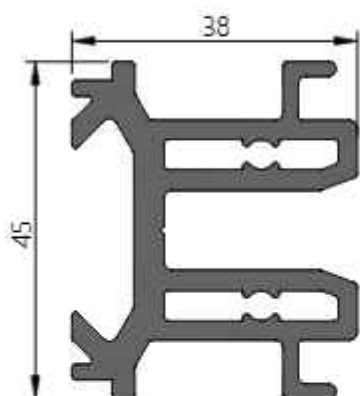
Profile Name	Profile Code	Weight (Kg/m)
Glazing Adaptor	11223	0.202



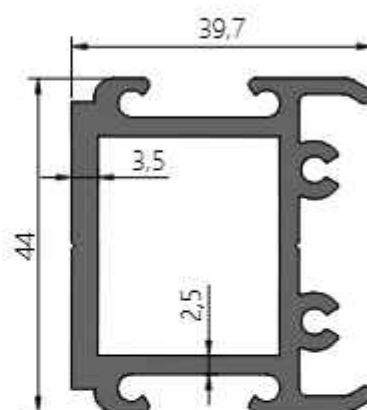
Profile Name	Profile Code	Weight (Kg/m)
Glazing Adaptor	11503	0.109



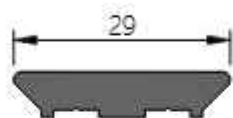
Profile Name	Profile Code	Weight (Kg/m)
Glazing Adaptor	11504	0.235



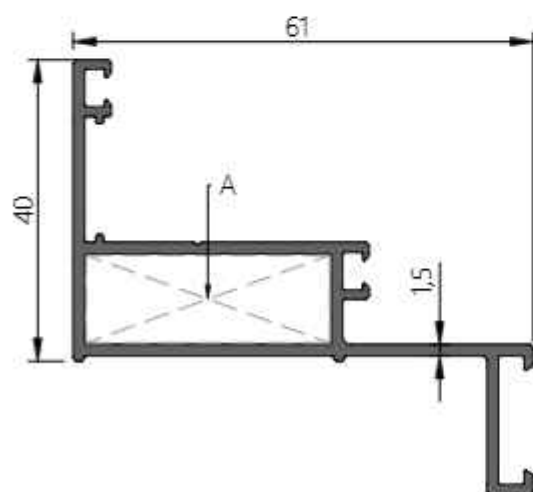
Profile Name	Profile Code	Weight (Kg/m)
T Connection	11304	1.575



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

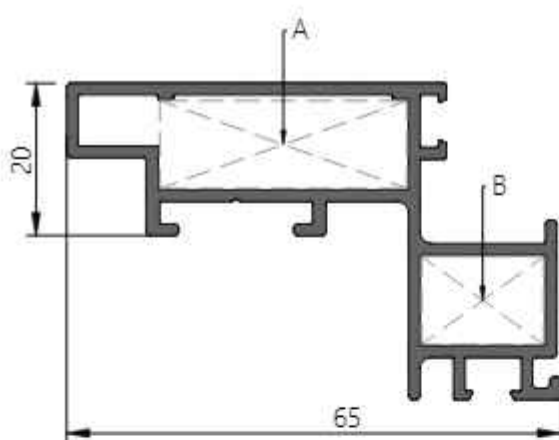


Profile Name	Profile Code	Weight (Kg/m)
T Connection	11306	0.385



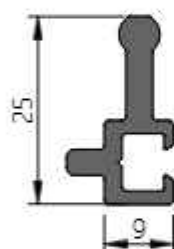
Profile Name	Profile Code	Weight (Kg/m)
Intergration Outer Frame	11501	0.752

Corner Cleat	A
	332-1 32.2mm

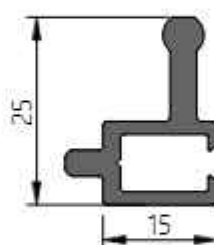


Profile Name	Profile Code	Weight (Kg/m)
Casement Sash Profile	11502	0.972

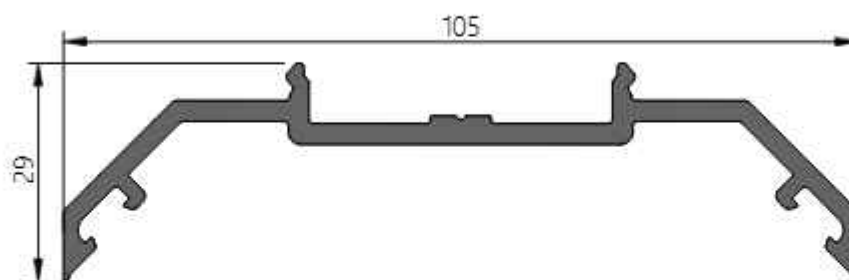
Corner Cleat	A	B
	332-2 32.6mm	332-3 16.2mm



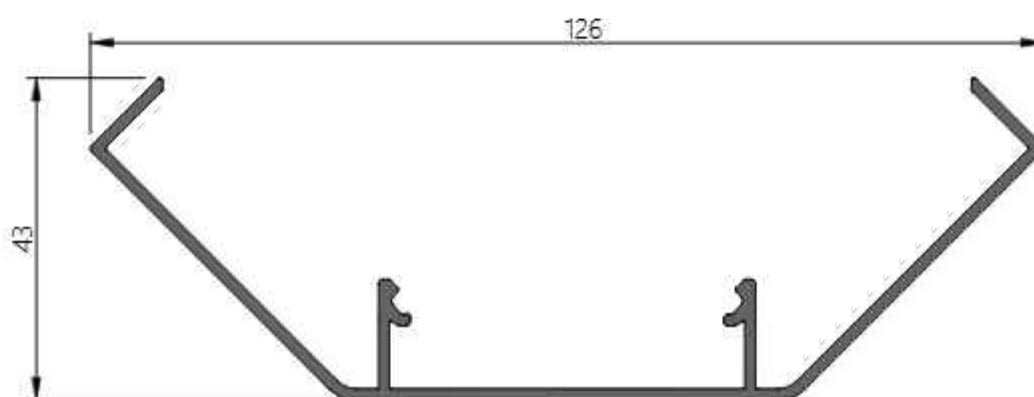
Profile Name	Profile Code	Weight (Kg/m)
Single Toggle	11241	0.325



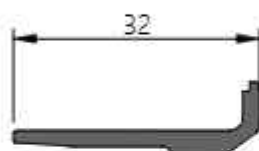
Profile Name	Profile Code	Weight (Kg/m)
Single Toggle	11242	0.388



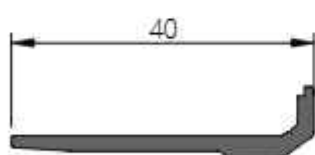
Profile Name	Profile Code	Weight (Kg/m)
Pressure Plate	11203	1.100



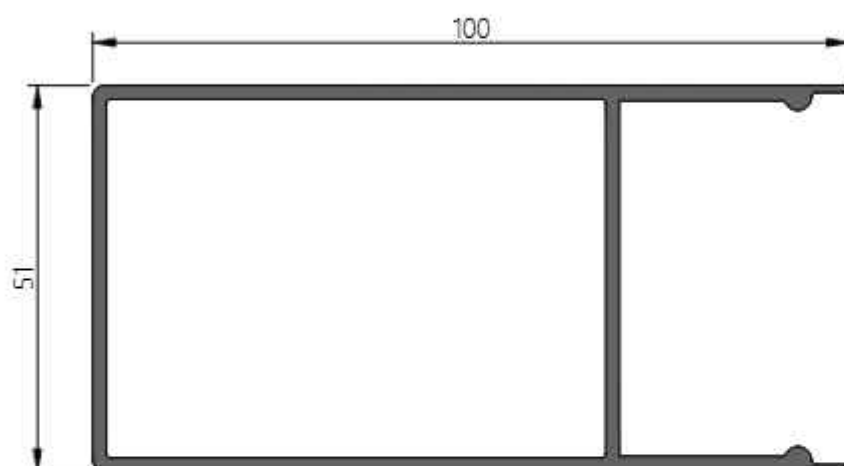
Profile Name	Profile Code	Weight (Kg/m)
Cover Cap Profile	11211	0.867



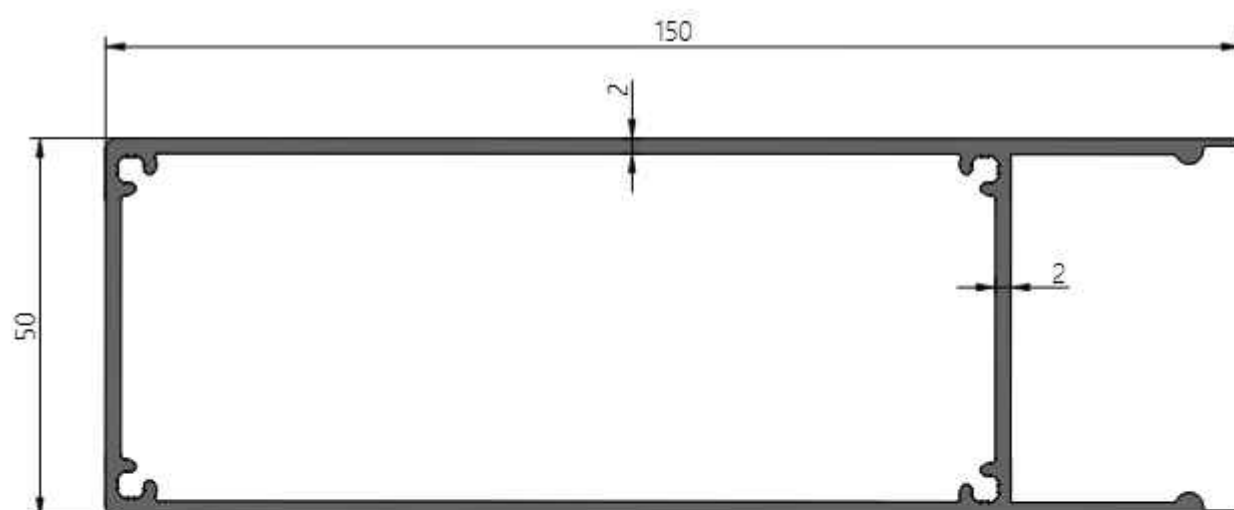
Profile Name	Profile Code	Weight (Kg/m)
Glass Support	11231	0.220



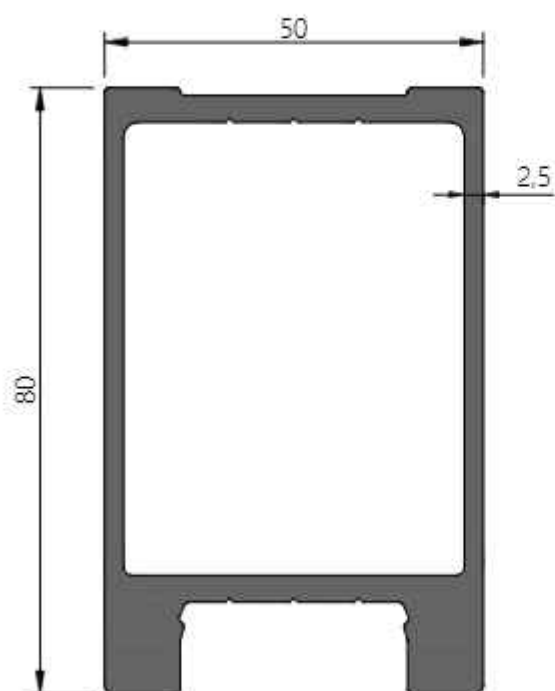
Profile Name	Profile Code	Weight (Kg/m)
Glass Support	11232	0.265



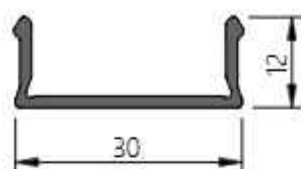
Profile Name	Profile Code	Weight (Kg/m)
Cover Cap Profile	11212	1.456



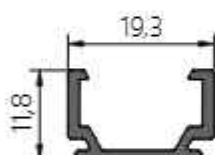
Profile Name	Profile Code	Weight (Kg/m)
Cover Cap Profile	11214	2.175



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

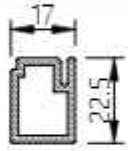
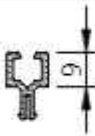
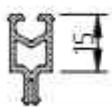
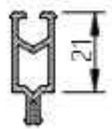


Profile Name	Profile Code	Weight (Kg/m)
Reinforcement Cover Cap	10421	0.205

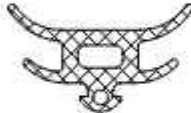
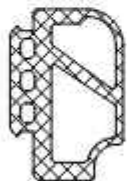
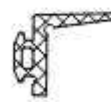
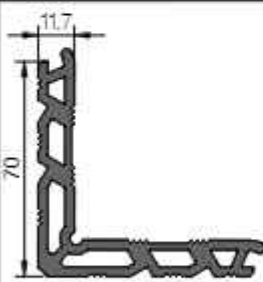


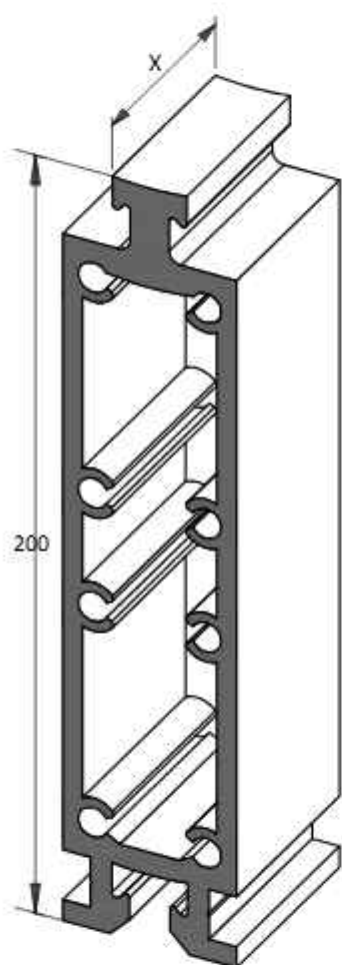
Profile Name	Profile Code	Weight (Kg/m)
Adaptor Profile	11505	0.163

ACCESSORIES

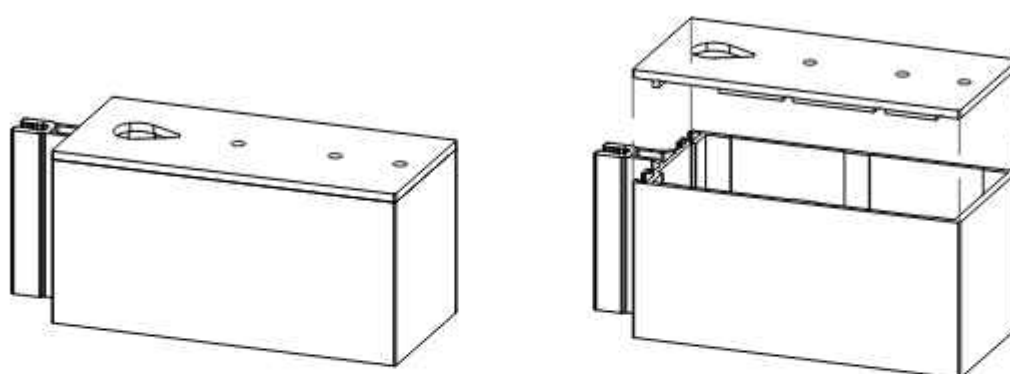
Drawing	Code	Description	Material
	P21	Support Block	PVC
	P15	Spacer Profile 9mm	
	P01	Spacer Profile 15mm	
	P02	Spacer Profile 21mm	
	G 101	Glazing Gasket 9mm	EPDM
	G 104	Glazing Gasket 3mm	
	G 106	Glazing Gasket 3mm	
	G 107	Glazing Gasket 4mm	
	G 119	Glazing Gasket 3mm	
	G109	Glazing Gasket	
	G 110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

ACCESSORIES

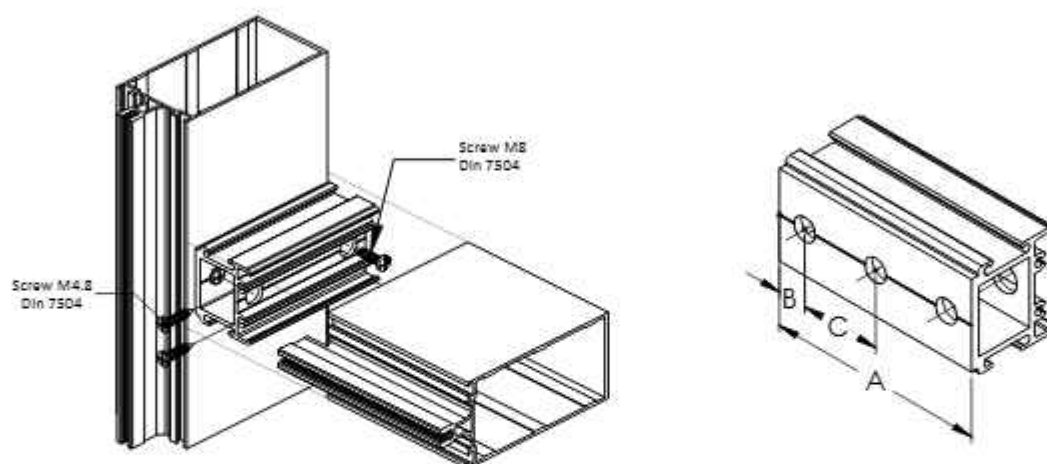
Drawing	Code	Description	Material
	G 114	Finishing Gasket	SILICONE
	G 112	Interior Overlap Gasket	EPDM
	G 113	Outside Barrier Gasket	
	G 210	Exterior Gasket	
	G 111	Gasket For Frame Profile	
	G 108	Interior Glazing Gasket 2mm	
	G 201	Interior Glazing Gasket 4mm	
	G 202	Interior Glazing Gasket 6mm	
	G 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	



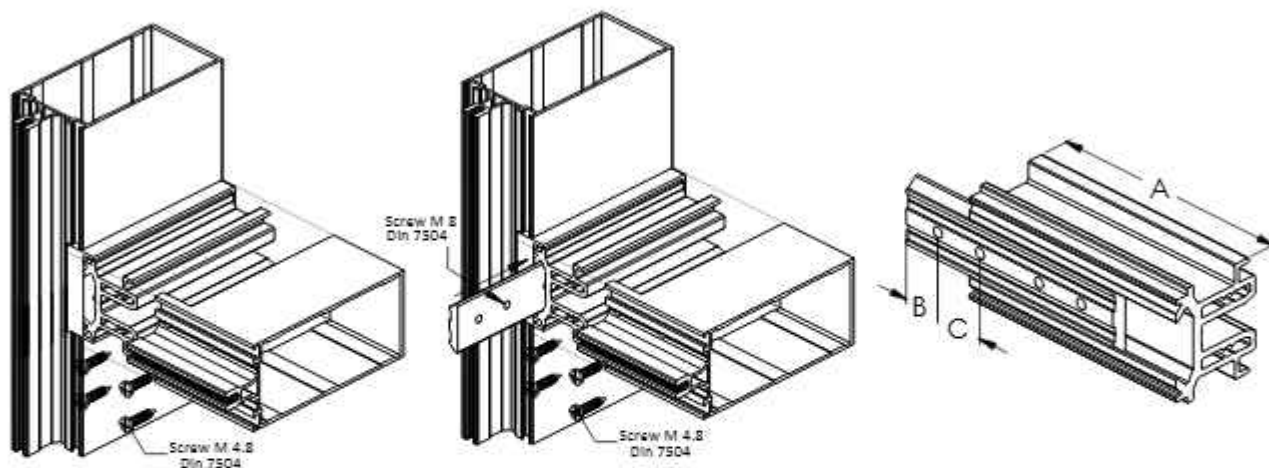
Mullion Code	Cutting Length (X)[mm]
11001	-
11003	41.5
11004	71.1
11005	91.2
11006	107.2
11007	117.2
11008	137.7
11009	147.7
11010	158.9
11011	176.7
11015	97.2
11016	169.9



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

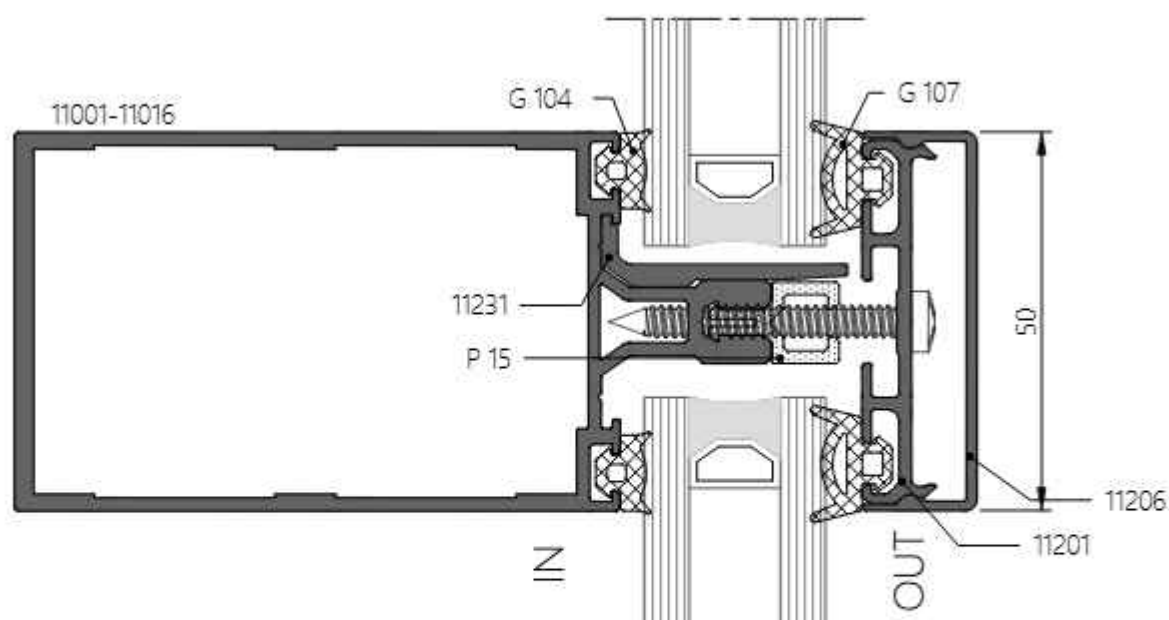
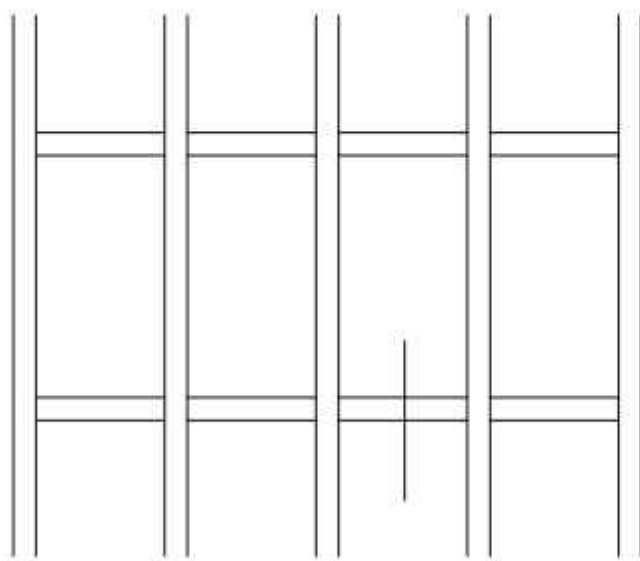


Mullion Code	A[mm]	B[mm]	C[mm]	Count Screw
11003	41.5	12	-	2
11004	71.1	12	24	2
11005	91.2	12	22.5	3
11006	107.2	12	20.5	4
11007	117.2	12	23.5	4
11008	137.7	12	22.5	5
11009	147.2	12	20.5	6
11010	158.9	12	22.5	6
11011	176.7	12	21.5	7
11015	97.2	12	24	3
11016	169.9	12	20.5	7
11017	135.4	12	22.5	5



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

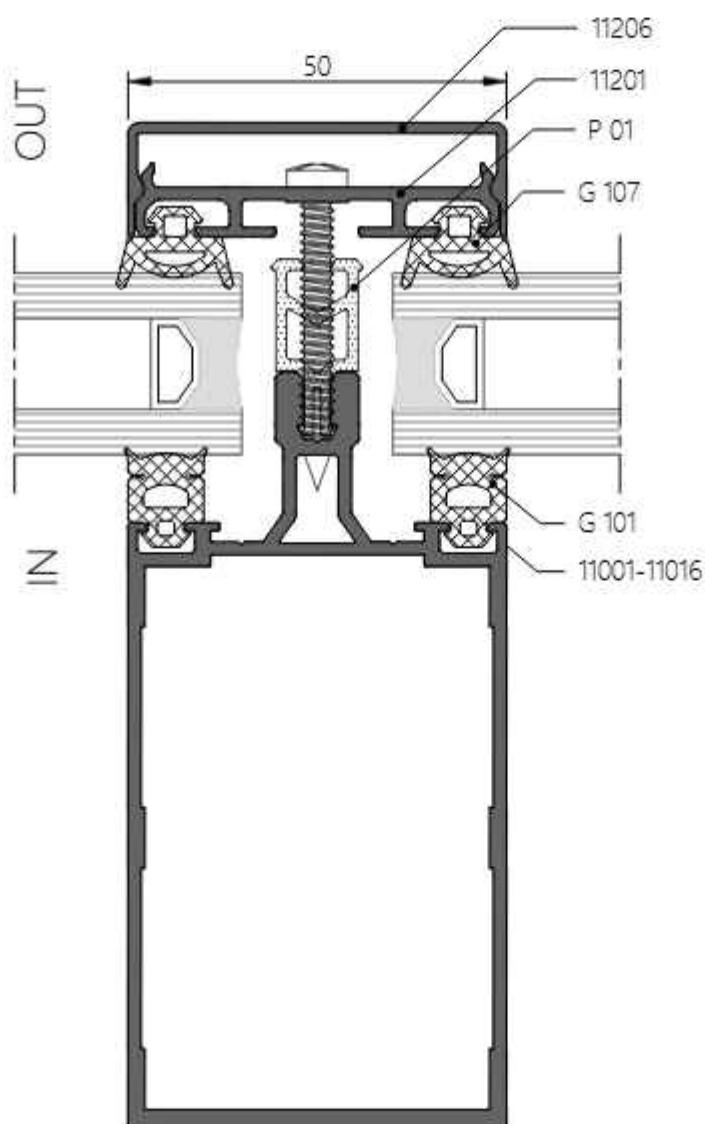
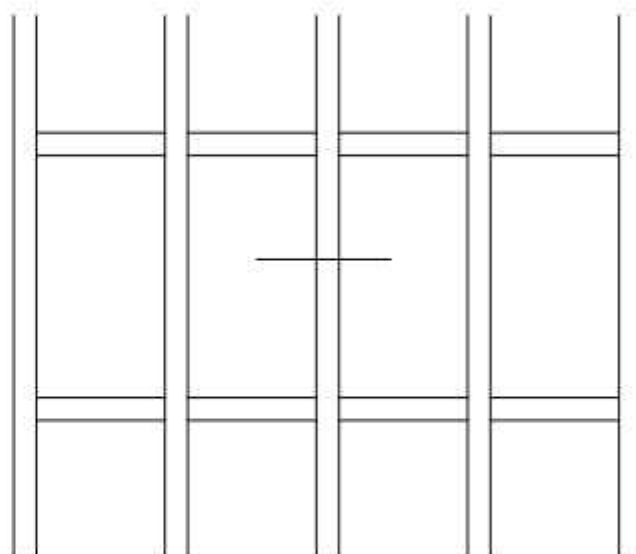
● PolyAmid

● PVC

● EPDM

● Sponge

MULLION DETAIL



HATCH GUIDE : ● Aluminium

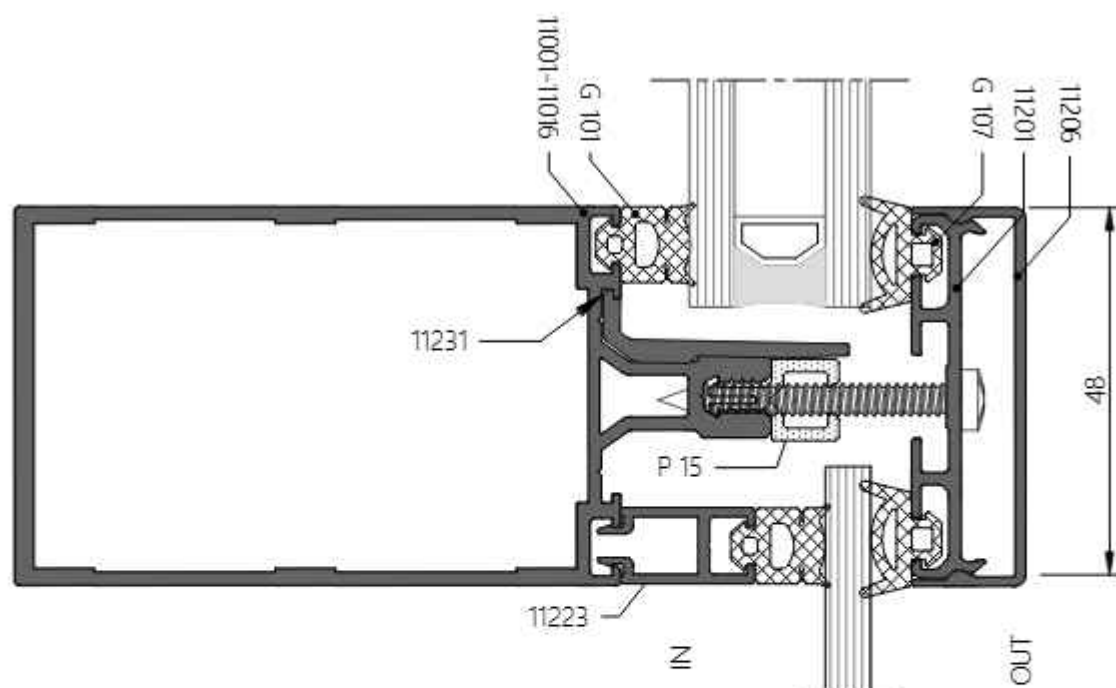
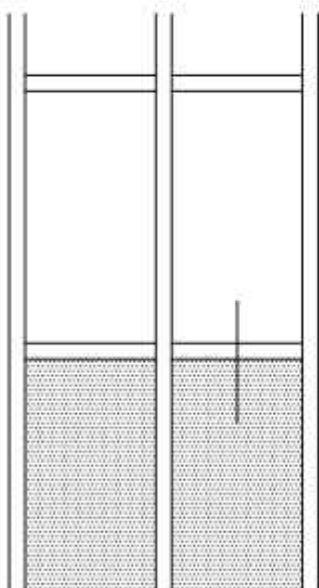
● PolyAmid

● PVC

● EPDM

● Sponge

SPANDREL PANEL - TRANSOM DETAIL



HATCH GUIDE : ● Aluminium

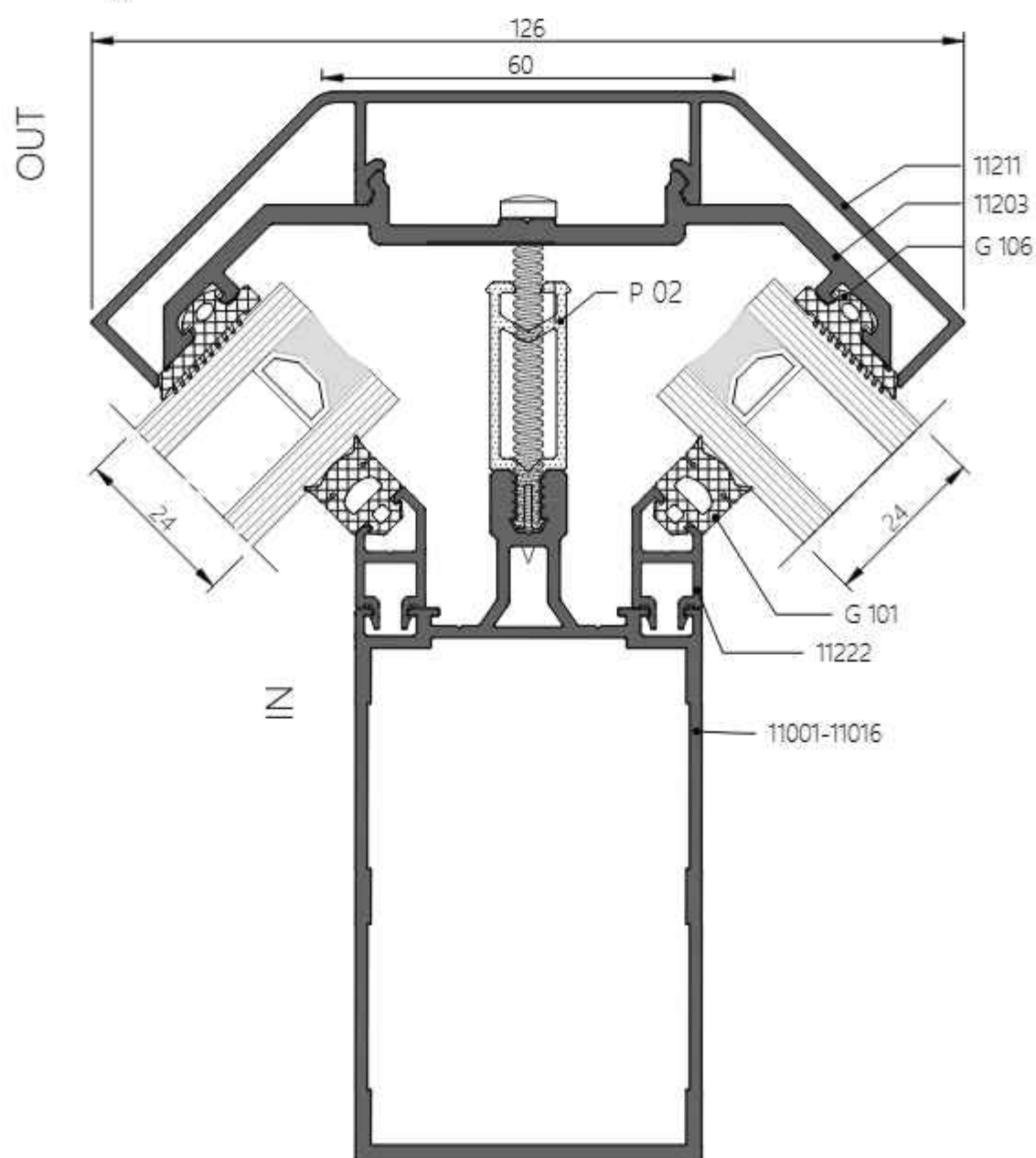
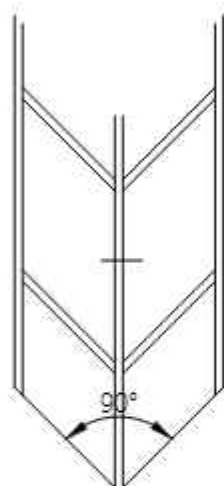
● PolyAmid

● PVC

● EPDM

● Sponge

90° OUTER TURN



HATCH GUIDE : ● Aluminium

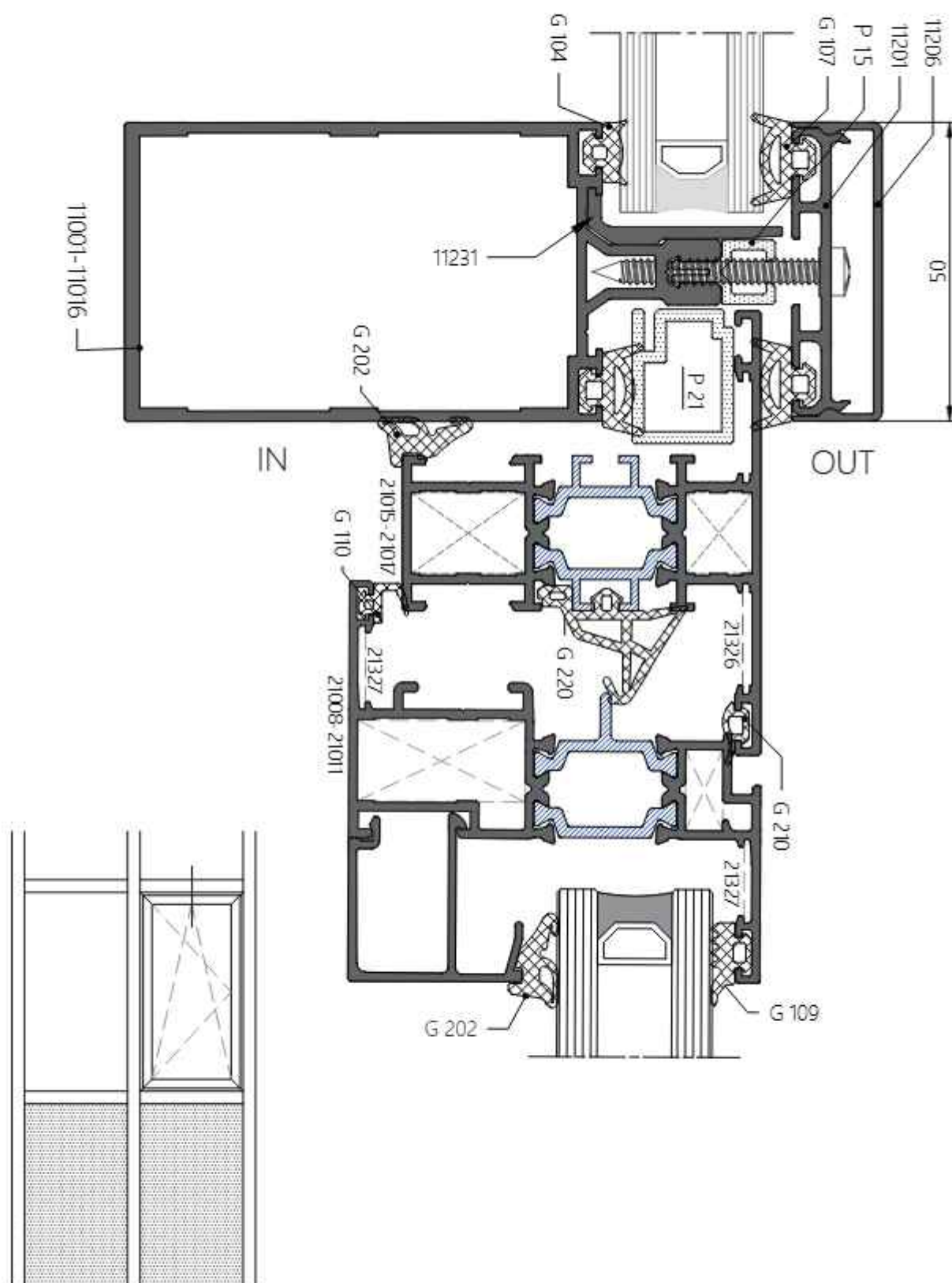
● PolyAmid

● PVC

● EPDM

● Sponge

HT 60 SYSTEM OPENING VENT IN CURTAIN WALL



HATCH GUIDE : ● Aluminium

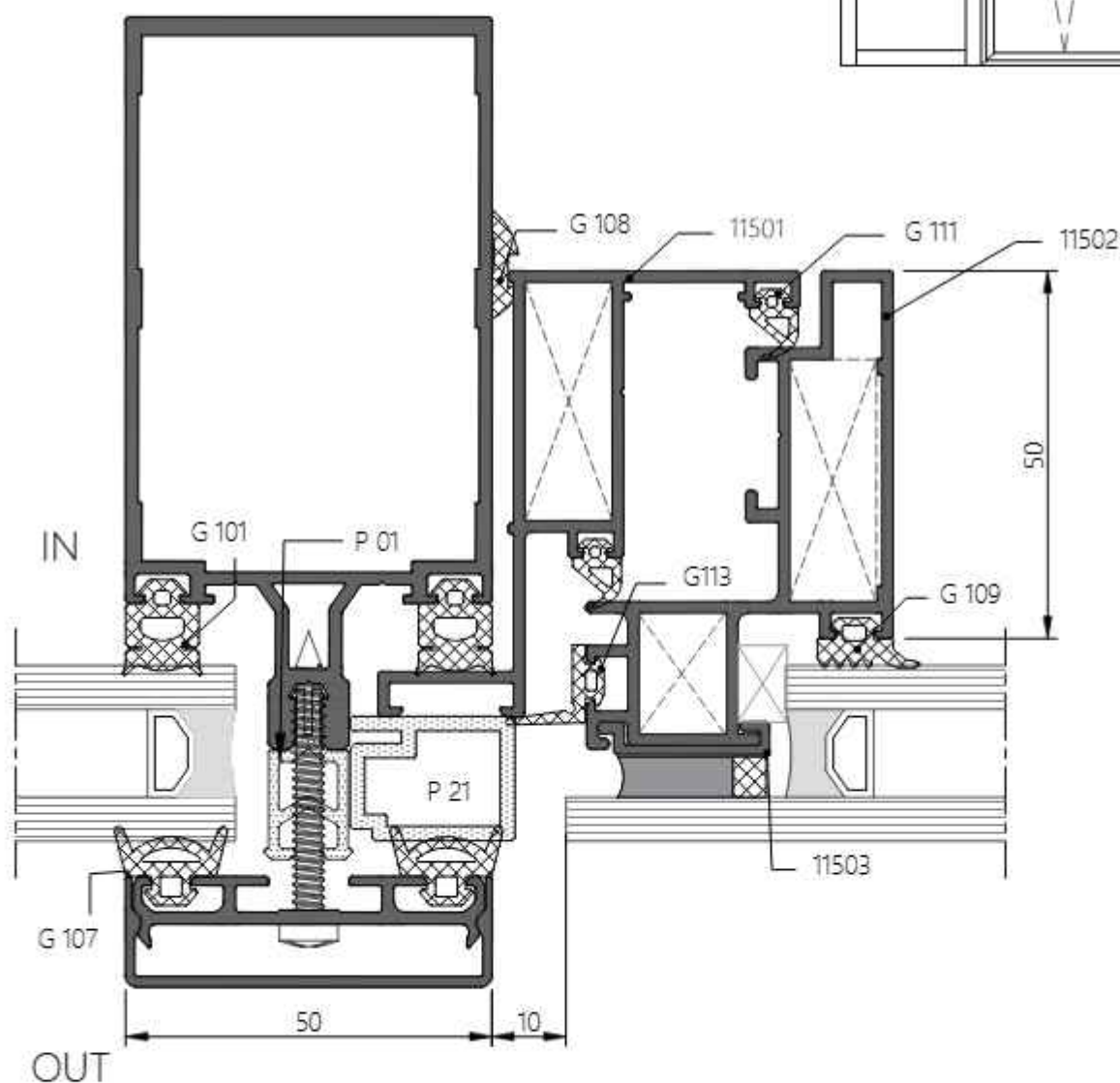
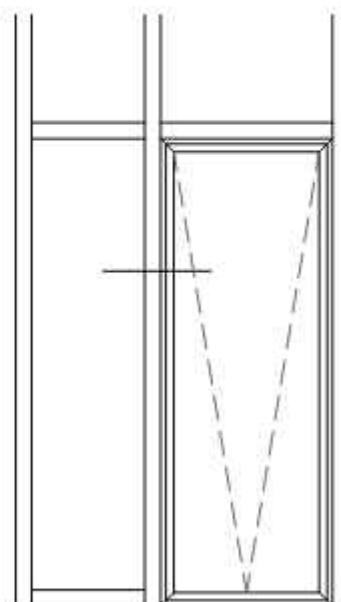
● PolyAmid

● PVC

● EPDM

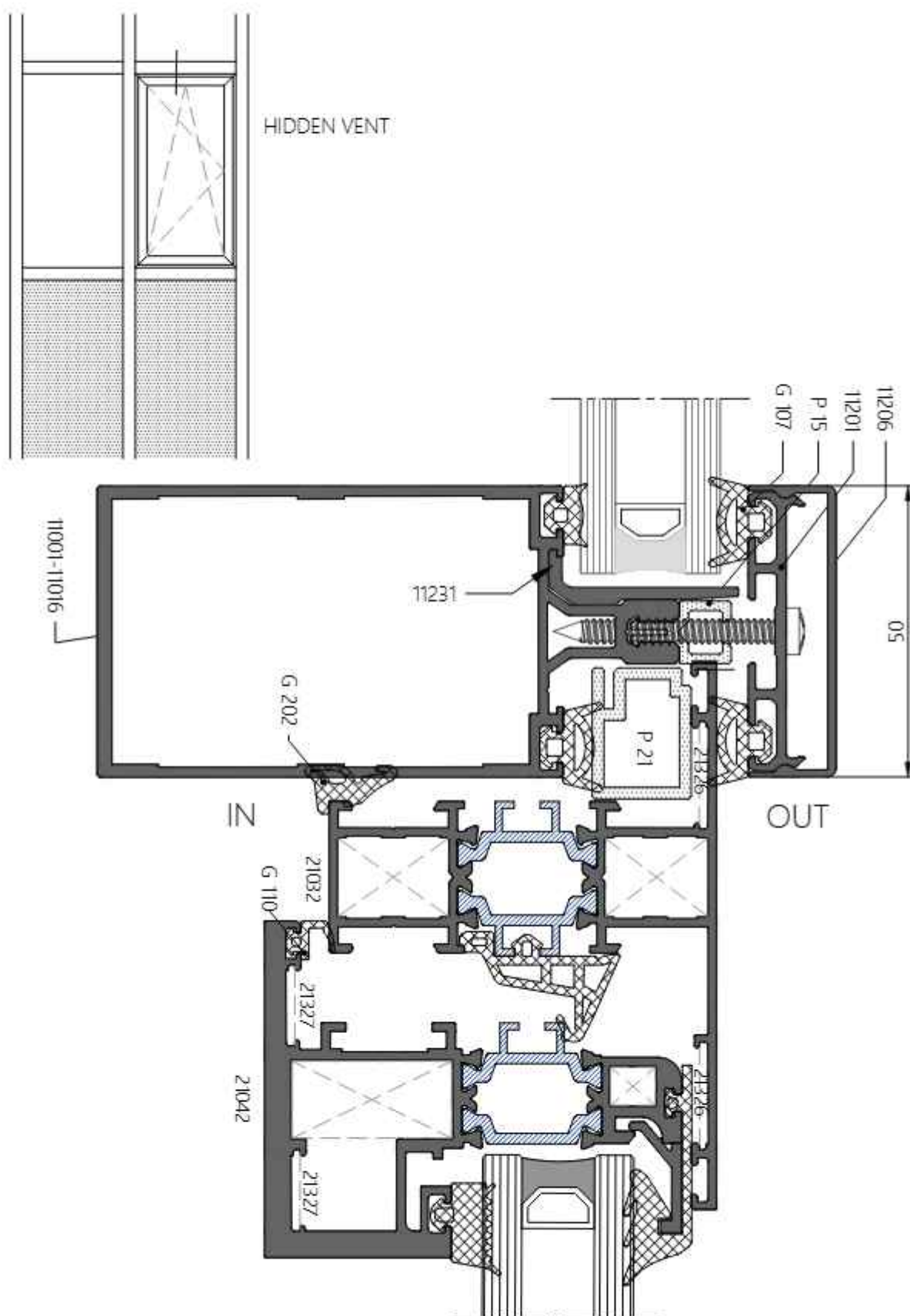
● Sponge

HIDDEN SASH DETAIL TRANSOM IN CURTAIN WALL



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

HT 60 SYSTEM HIDDEN SASH SYSTEM IN CURTAIN WALL



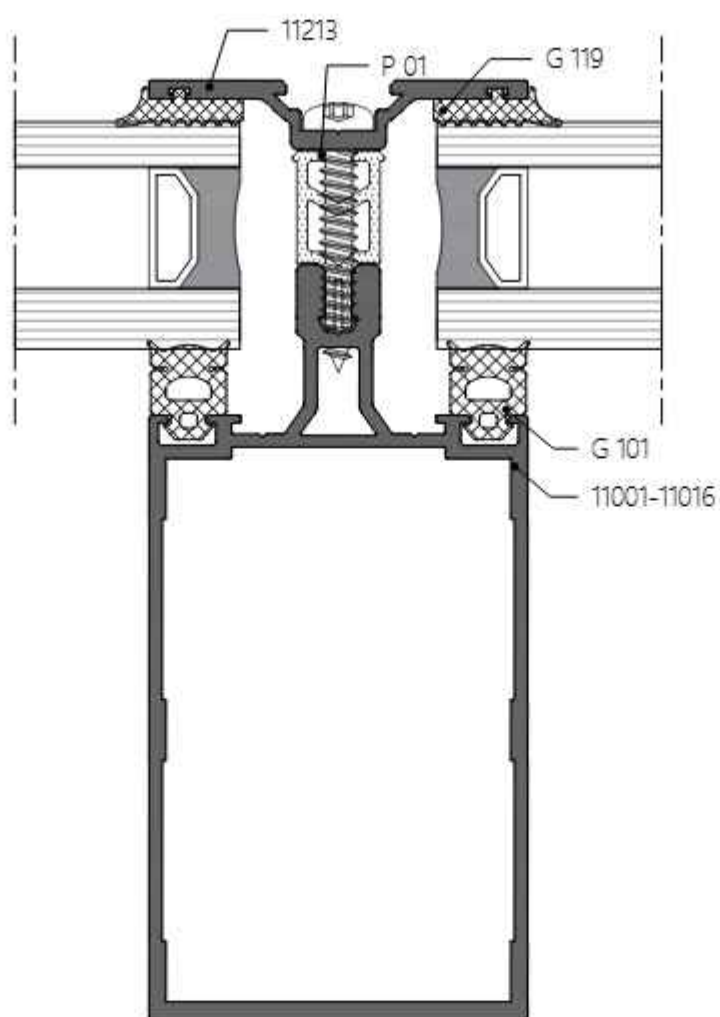
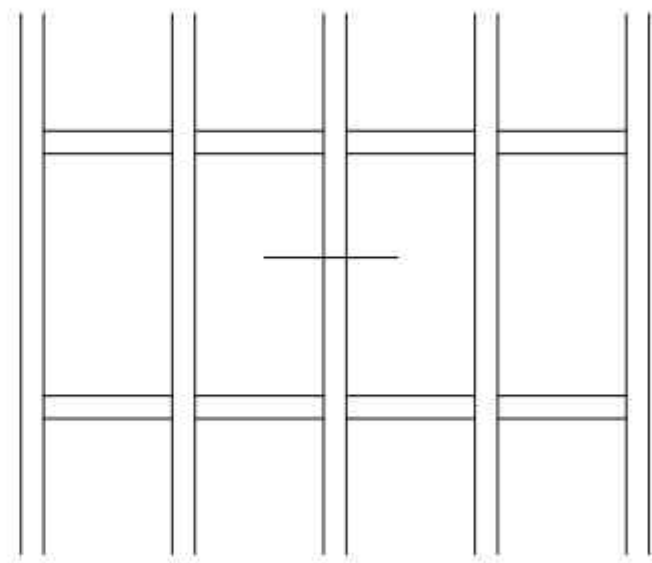
HATCH GUIDE : ● Aluminium

● PolyAmid

● PVC

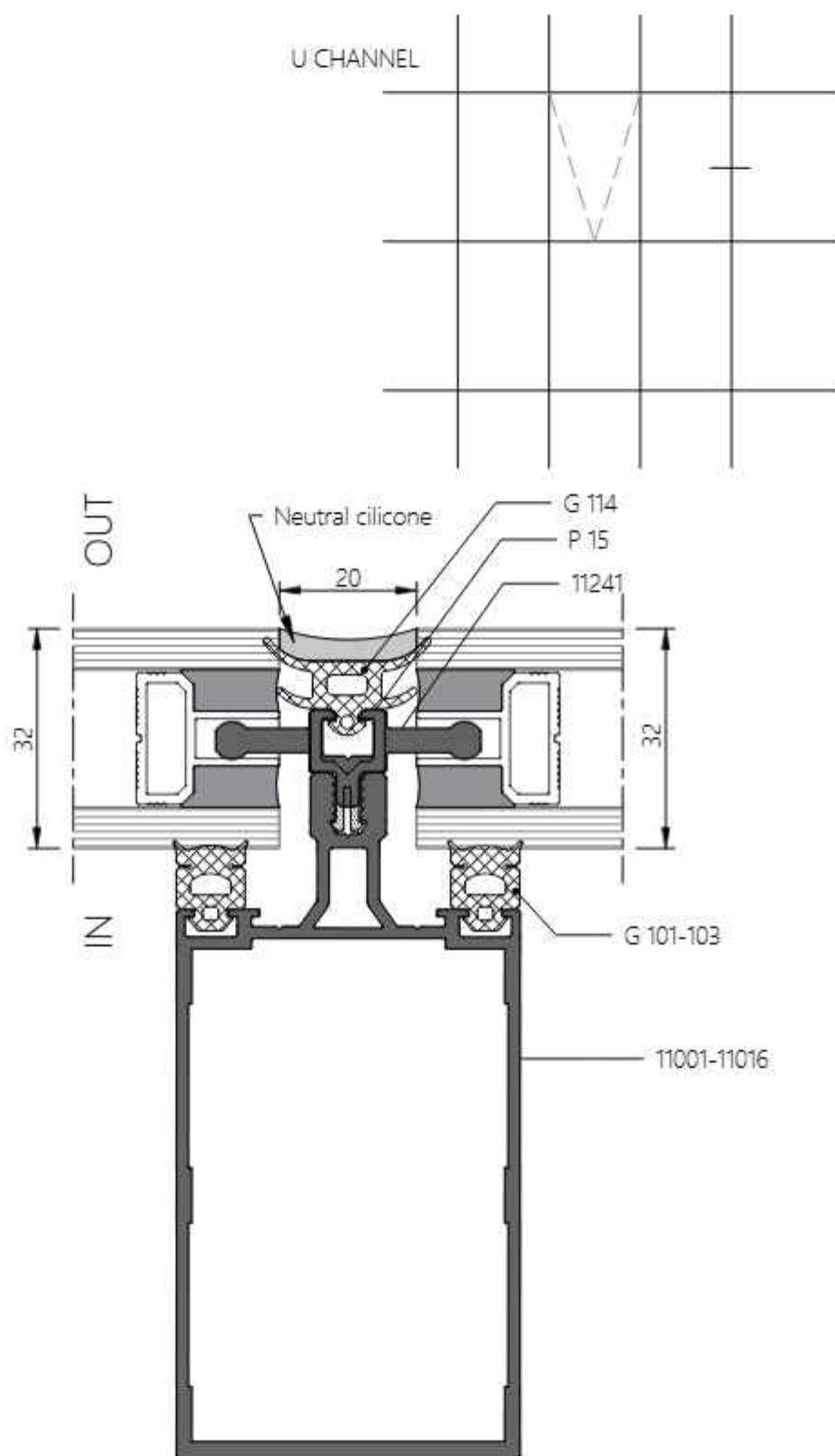
● EPDM

● Sponge



HATCH GUIDE :  Aluminium  PolyAmid  PVC  EPDM  Sponge

VISION REGION PLAN DETAIL

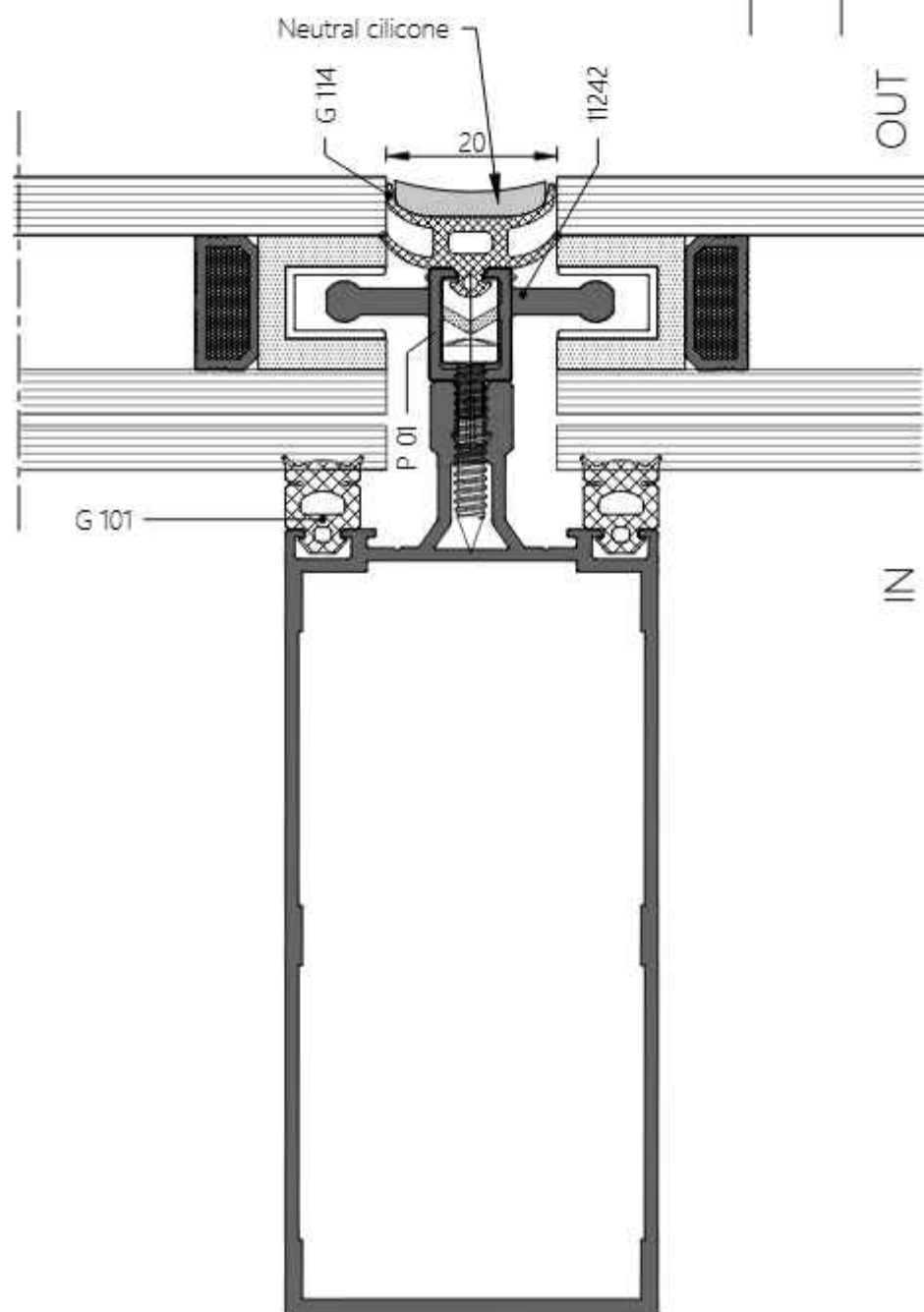
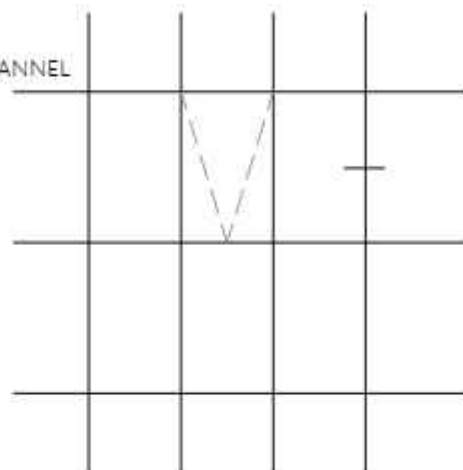


WARNING:

- 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

U CHANNEL



HATCH GUIDE : ● Aluminium

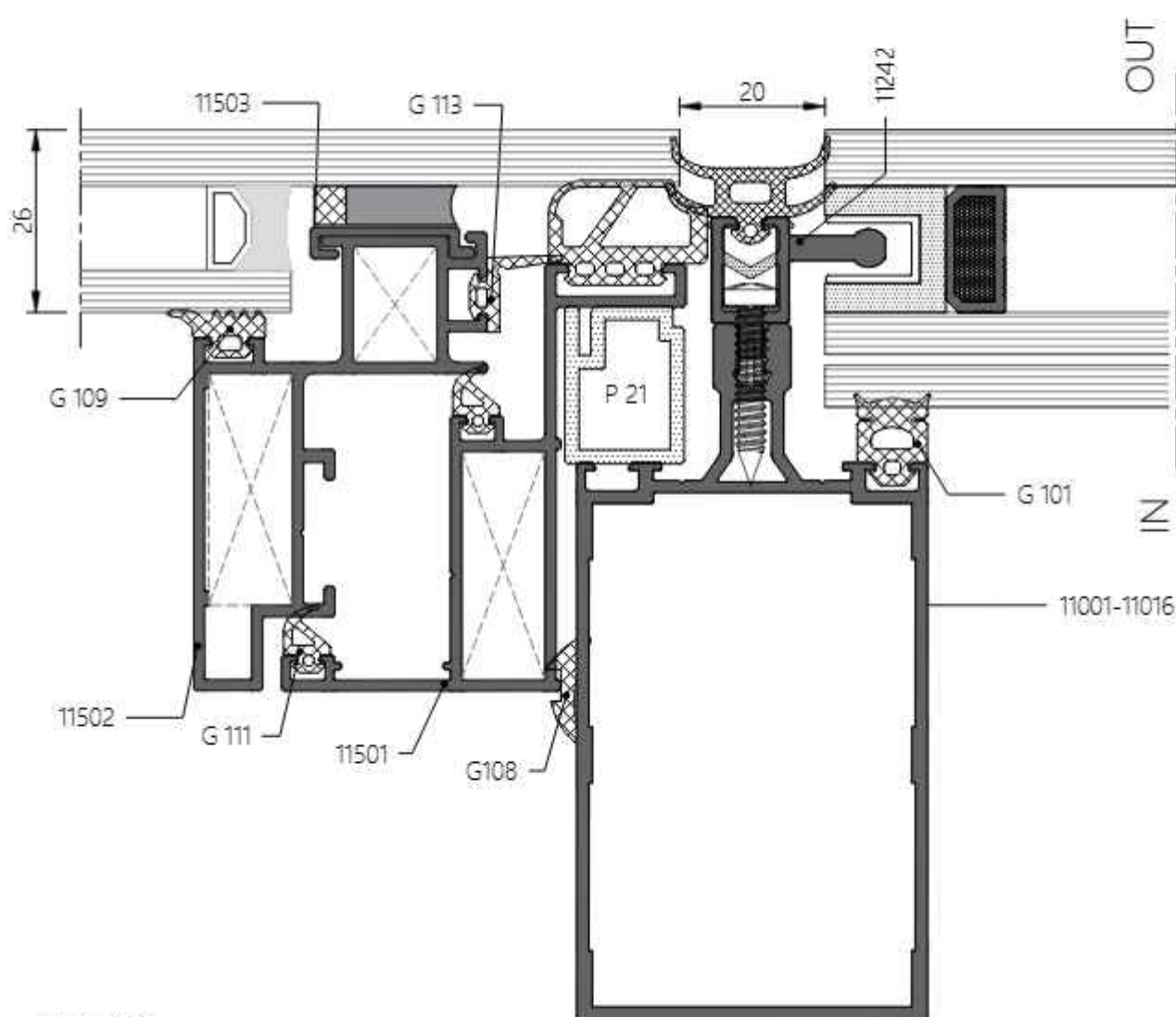
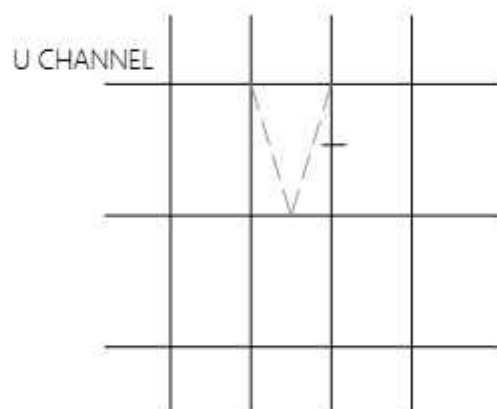
● PolyAmid

● PVC

● EPDM

● Sponge

WING + VISION REGION DETAIL

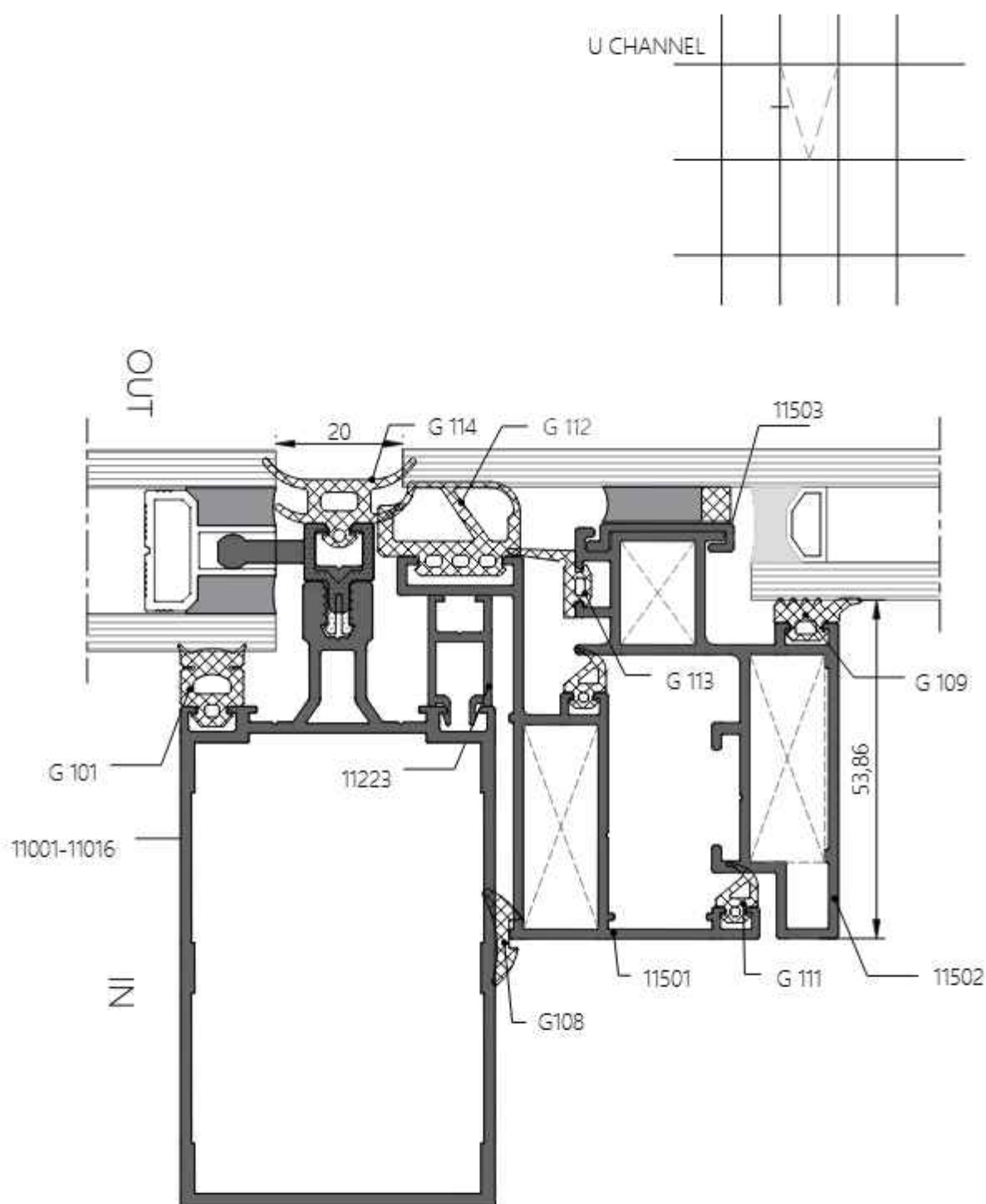


WARNING:

- 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

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.

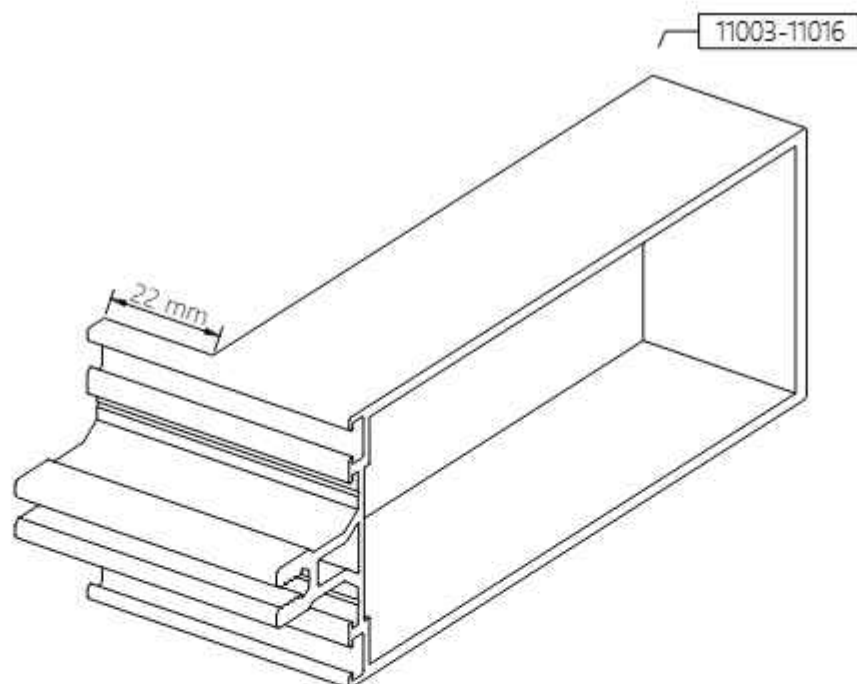
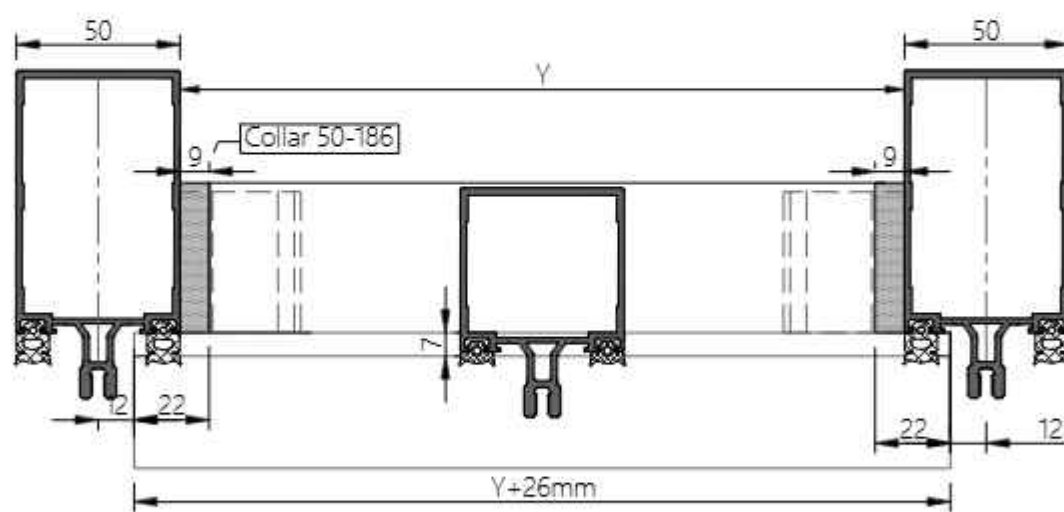
HATCH GUIDE :  Aluminium

 PolyAmid

 PVC

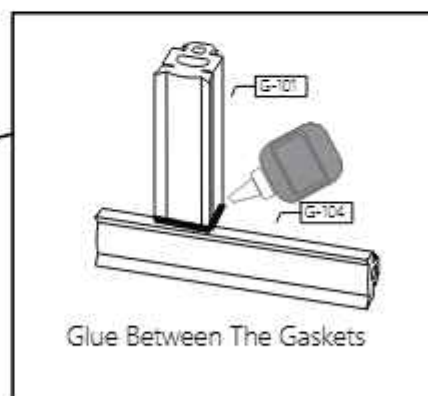
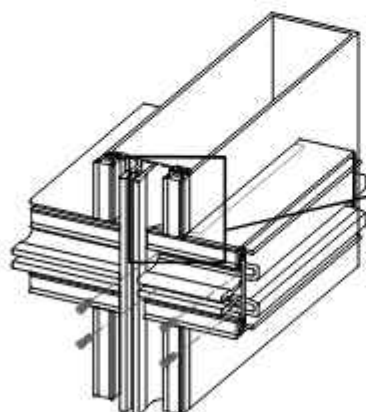
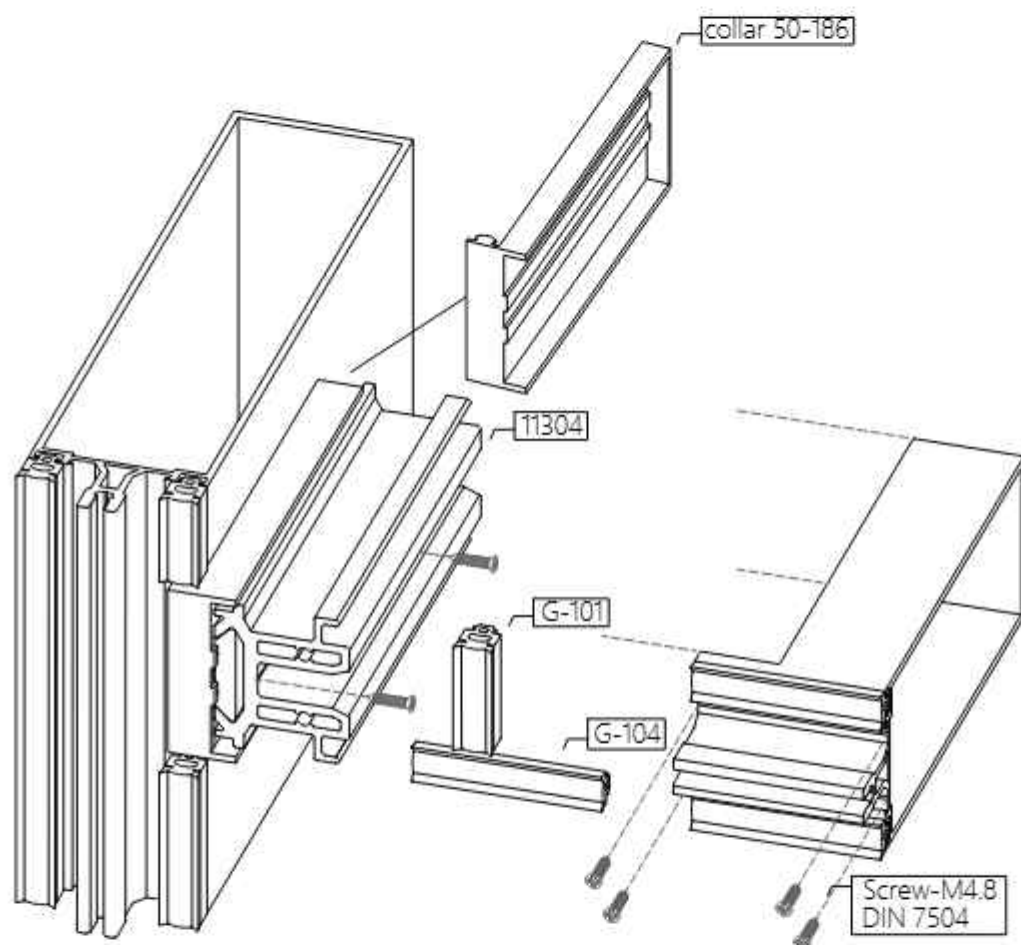
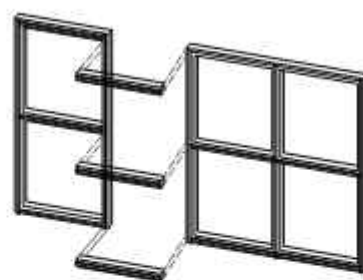
 EPDM

 Sponge

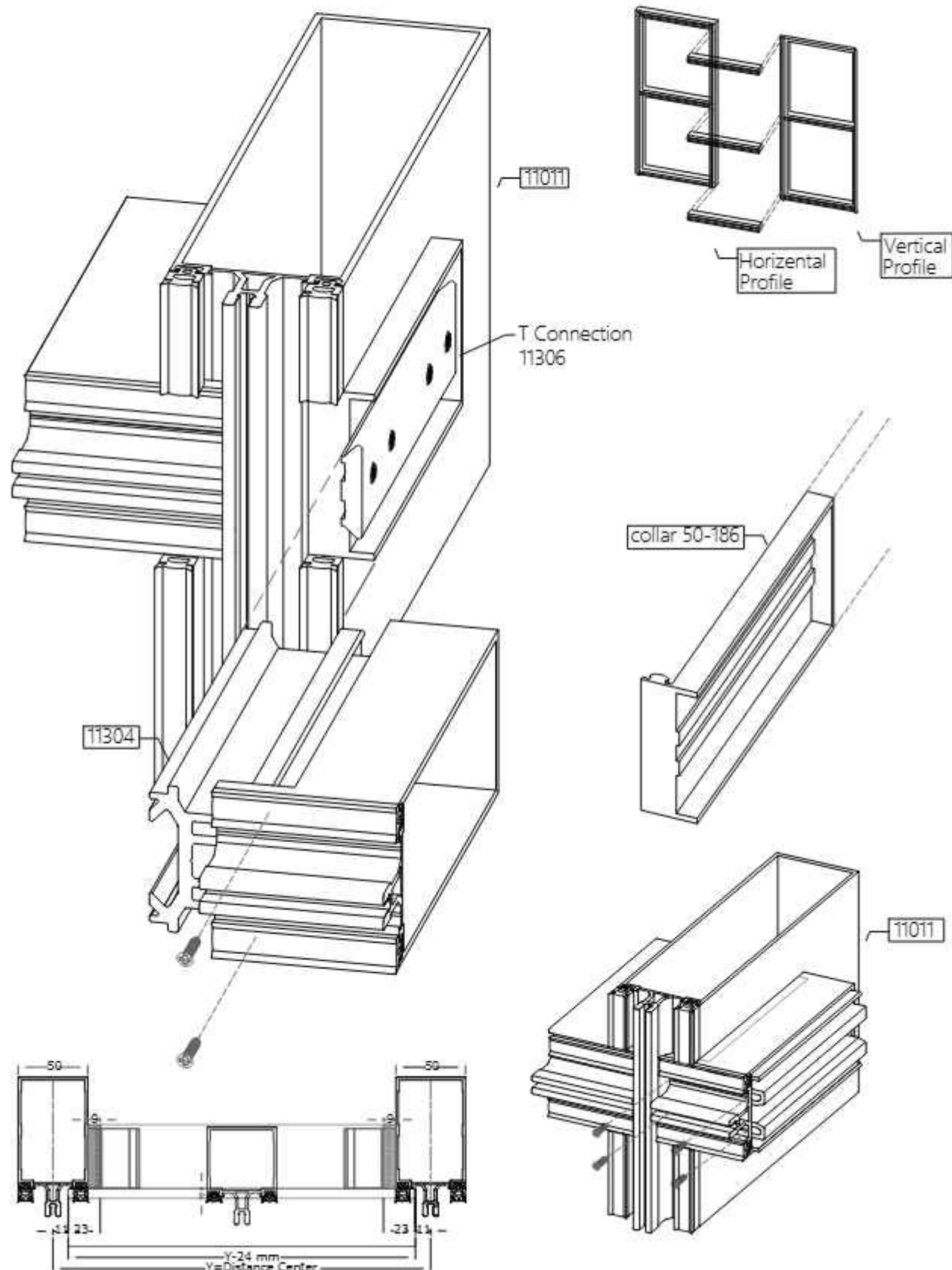


Merge Detail

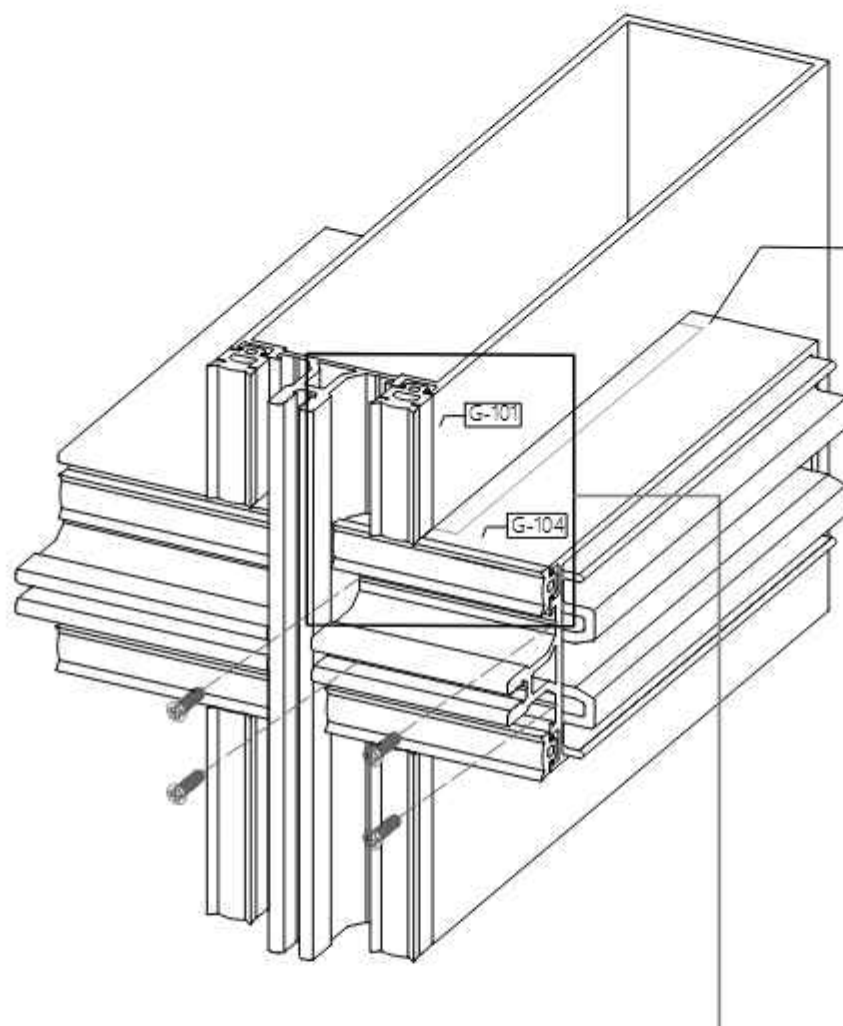
Attach Horizontal Profile
to Vertical Profile



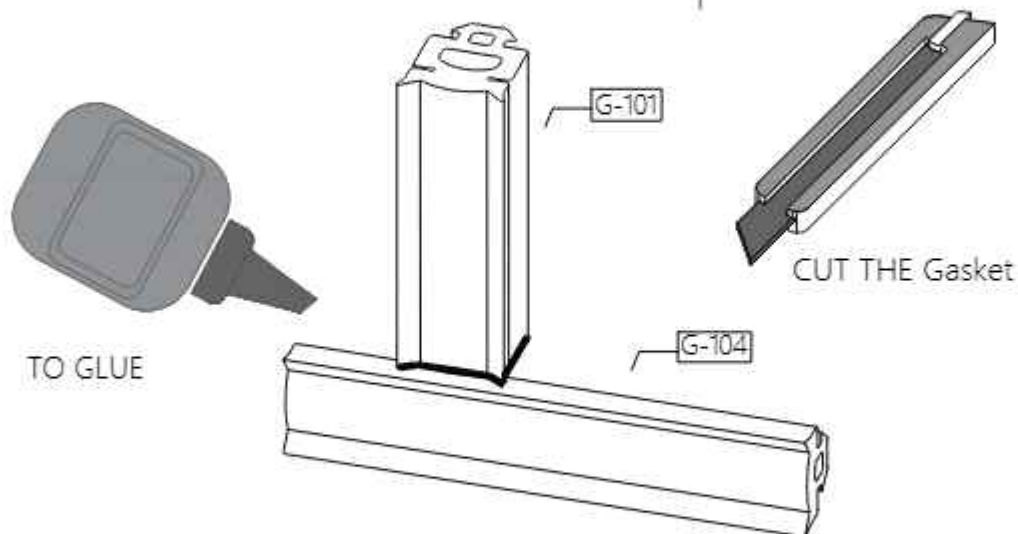
Multi-Functional Aluminium System
Installation Details For a Horizontal Channel System
Including Instruction for Connecting And Applying Collar



Detail of Duct Roving System Montag

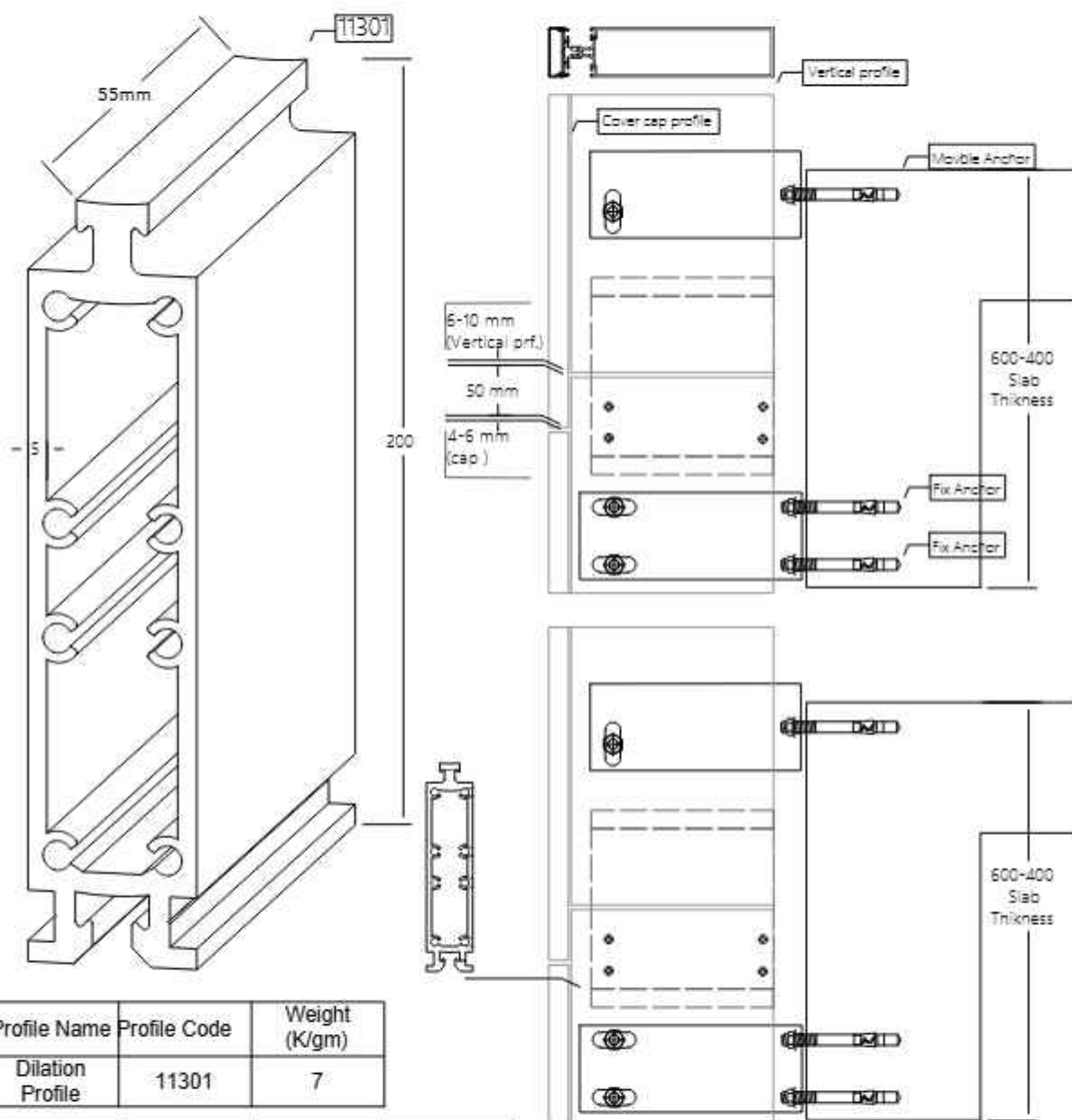


When choosing a collar, it is important to consider the type of connection.



Multi-functional Aluminium System

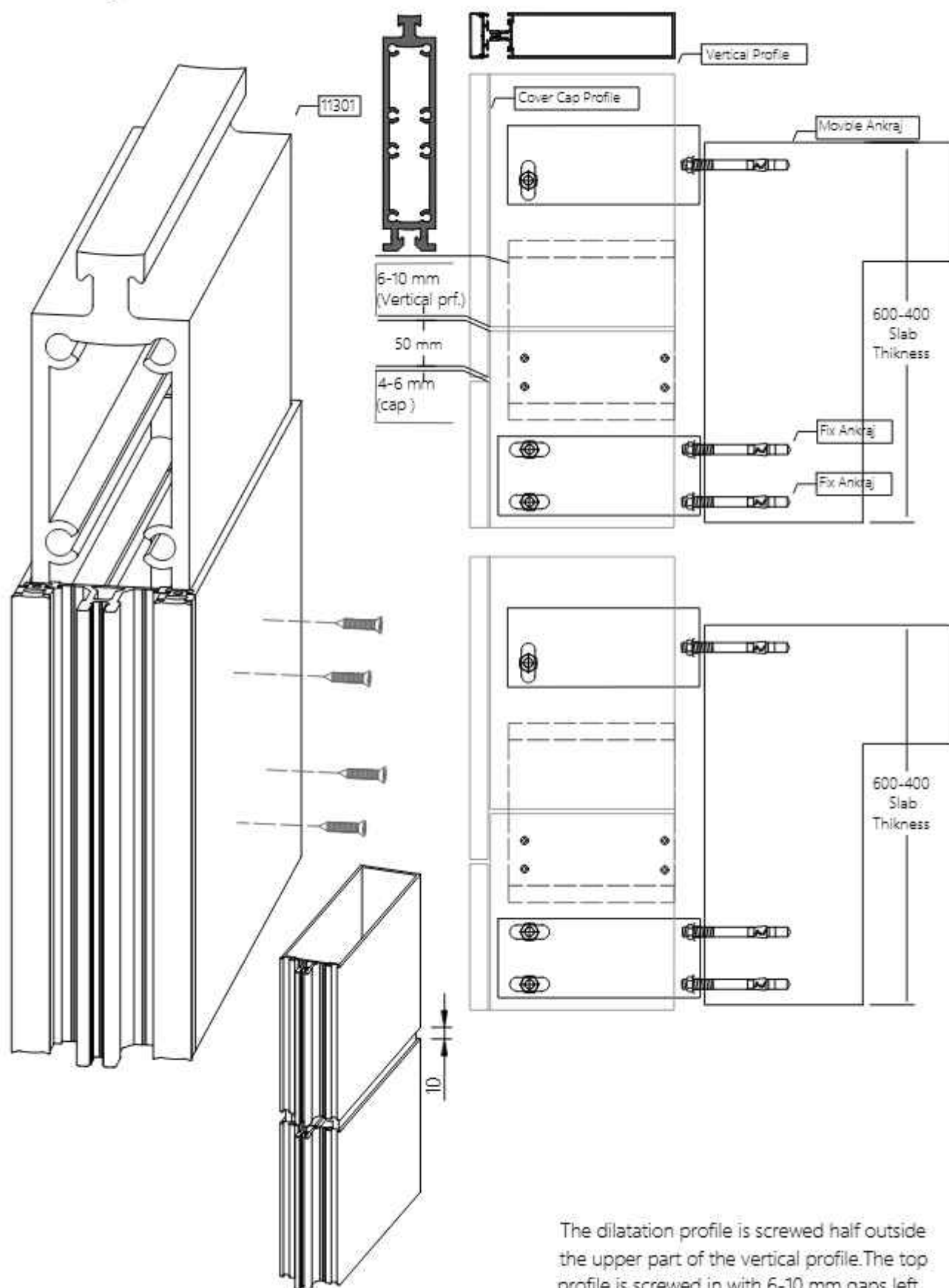
Connecting Floor Putter Detail



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

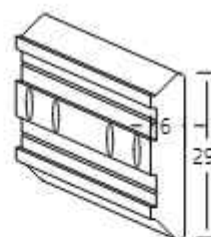
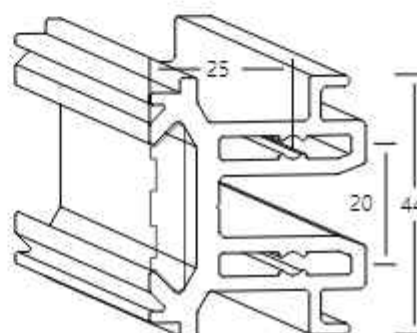
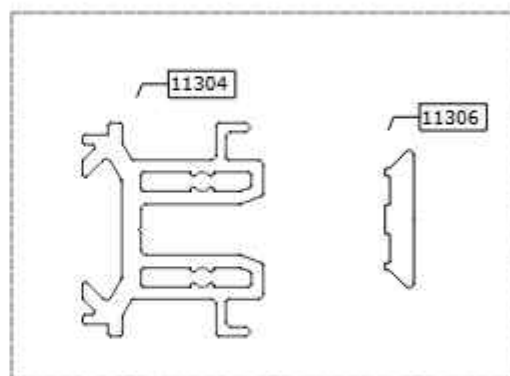
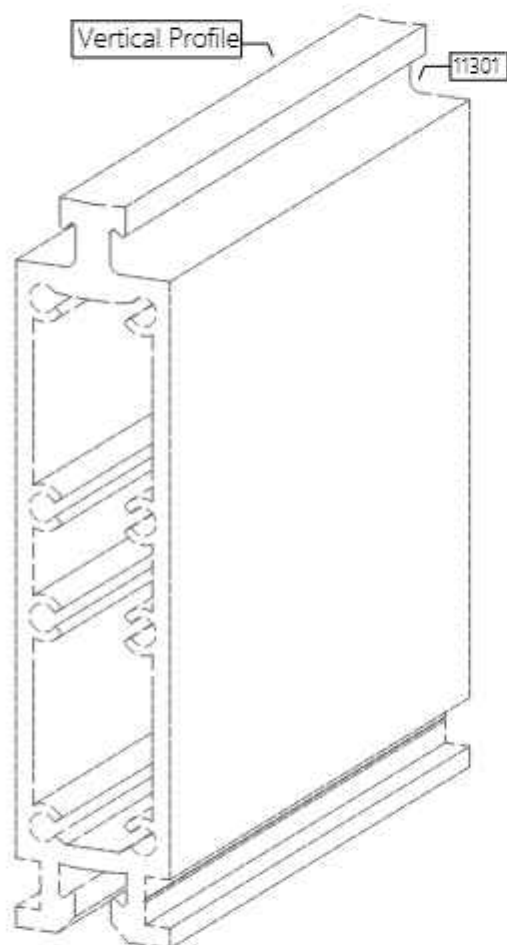
Mullion Code	Cutting Length	Mullion Code	Cutting Length
11001	-	11009	147.7000
11002	-	11010	158.9000
11003	41.5000	11011	176.7000
11004	71.5000	11012	158.9000
11005	91.2000	11013	-
11006	107.2000	11014	-
11007	117.2000	11015	97.2000
11008	137.7000	11016	169.9000

Multi-functional Aluminium System
Connecting Floor Putter Detail



The dilatation profile is screwed half outside the upper part of the vertical profile. The top profile is screwed in with 6-10 mm gaps left.

Multi-functional Aluminium System
Connecting Floor Putter Detail



Attention :

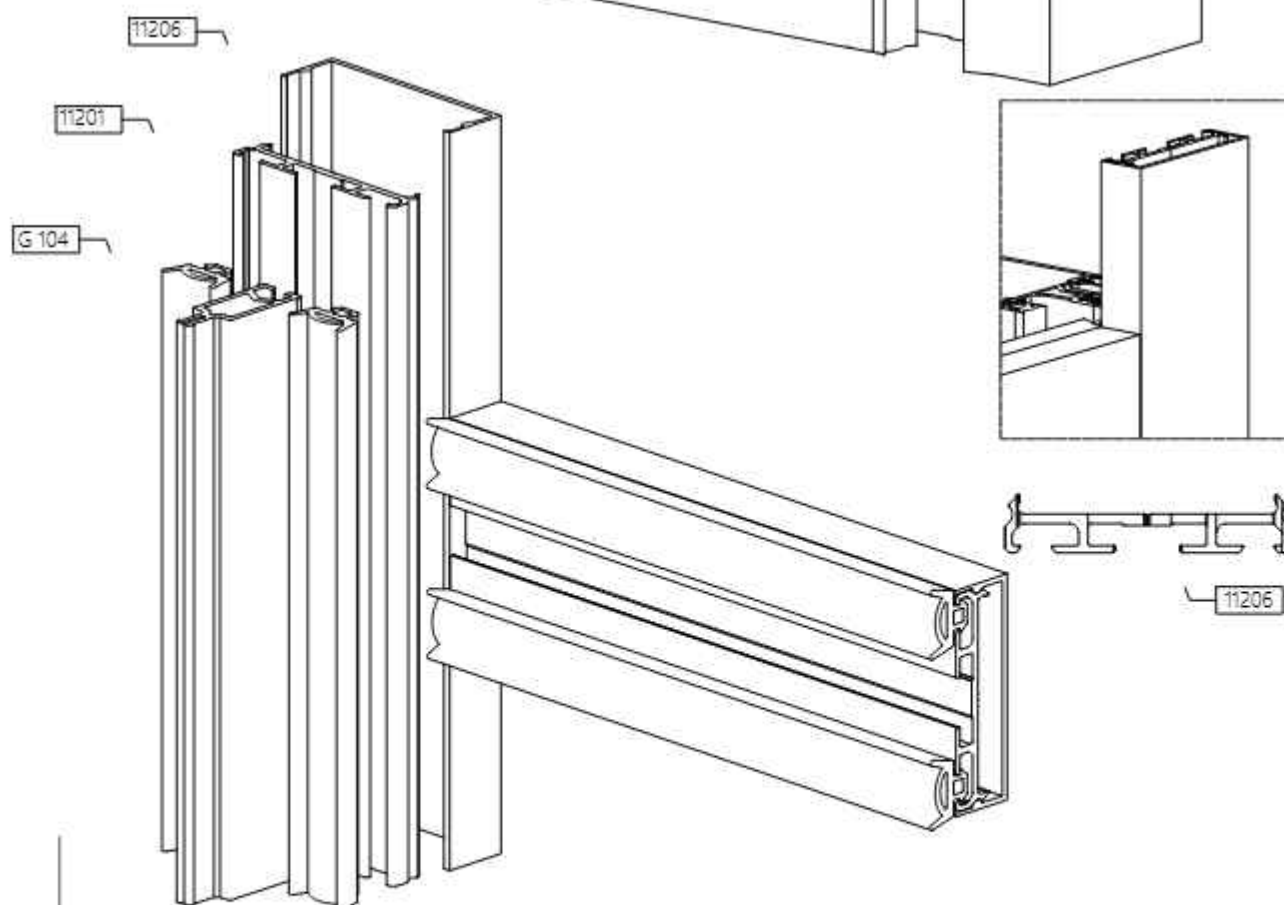
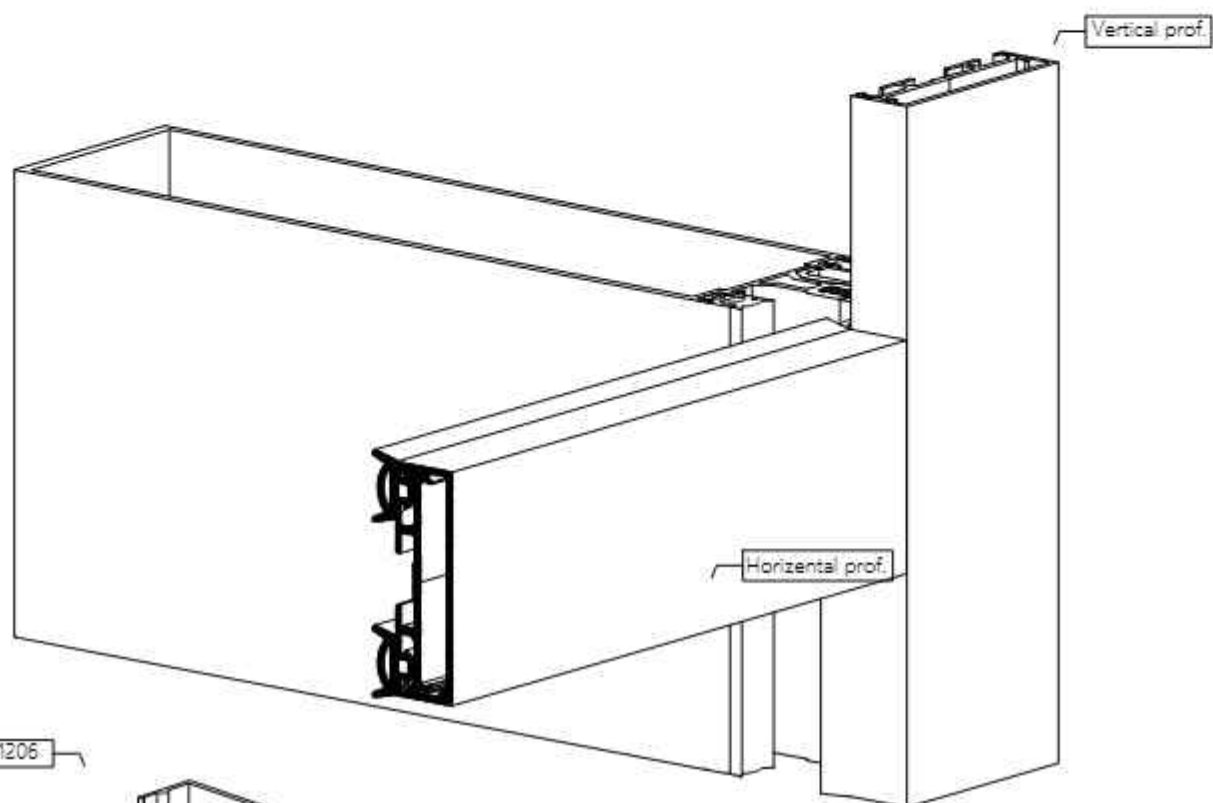
Our profile weights are theoretical and
our weight at the time of delivery is valid.

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

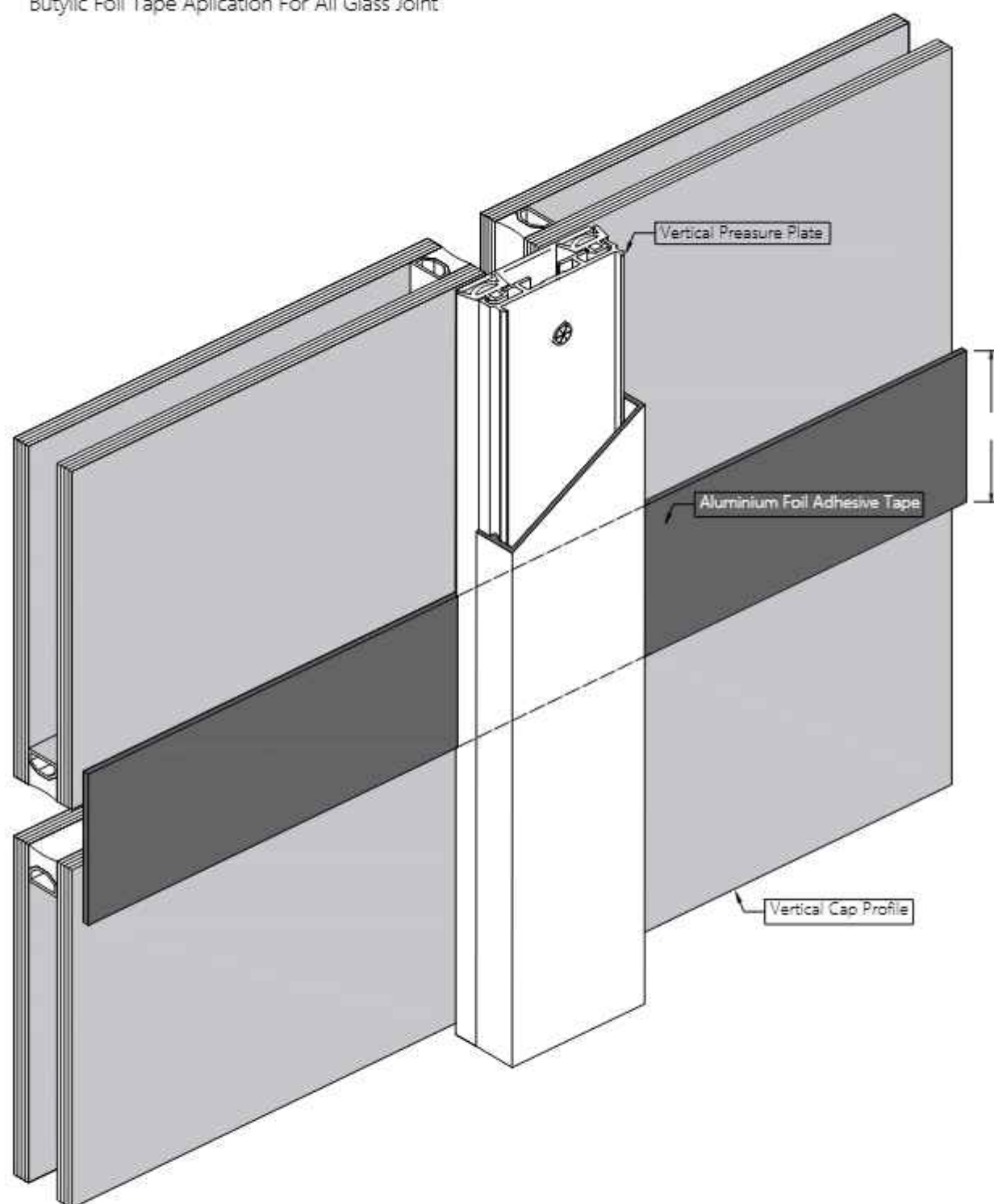
Profile Name	Profile Code	Weight (K/gm)
T Connection	11304	1
T Connection	11306	0

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



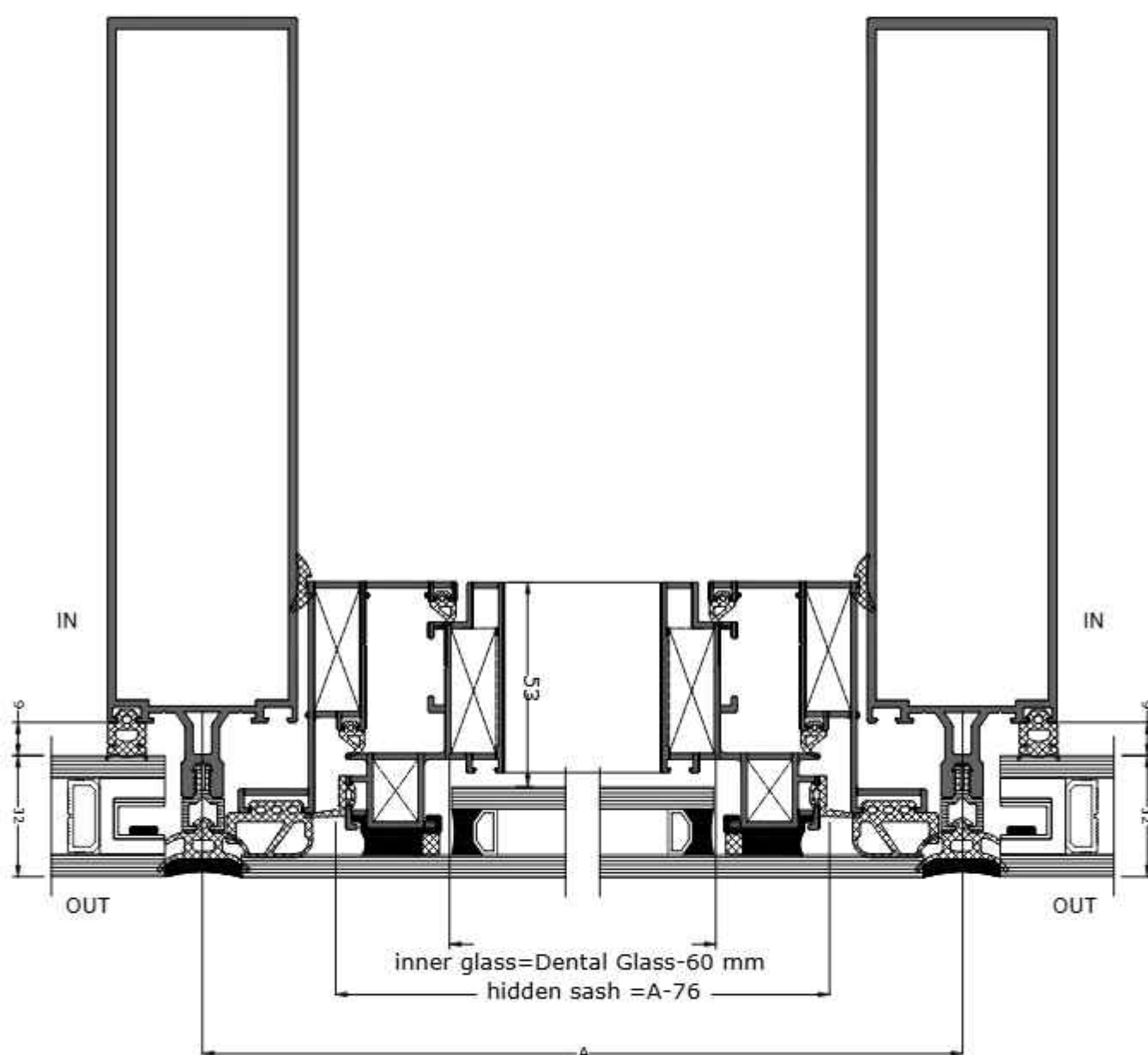
Multi-Functional Aluminium System
Butylic Foil Tape Application For All Glass Joint



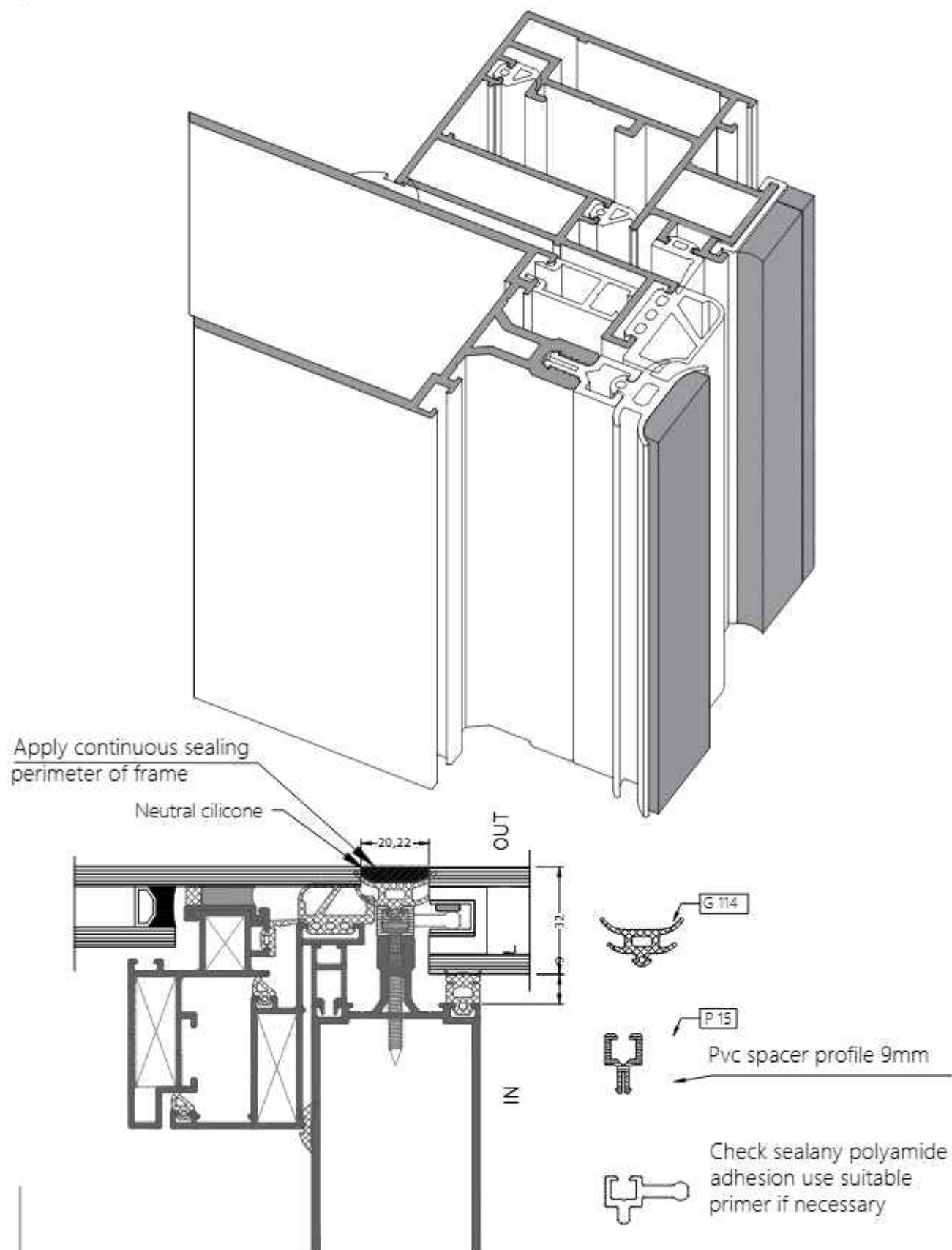
Butylic Tape Application Instructions

- Degrease and dry glas surfaces adjoning 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.

