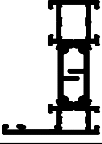
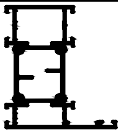
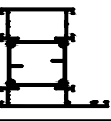
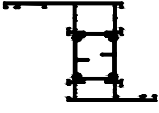
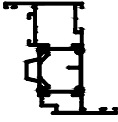
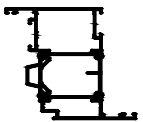
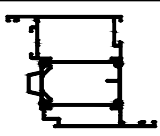
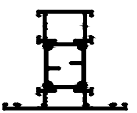
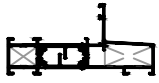
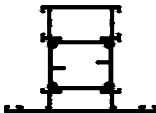
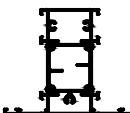
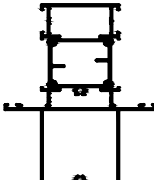
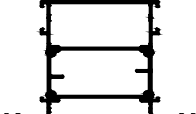
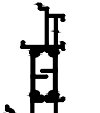


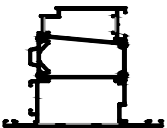
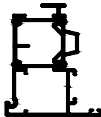
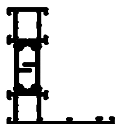
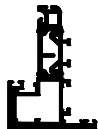
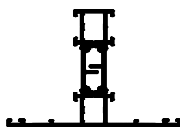
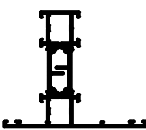
OVERVIEW OF PROFILES

DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE Jx(cm4) / Jy (cm4)
	23001	1.290 Kg/m	26mm Frame Profile	27.75 / 5.24
	23002	1.490 Kg/m	39mm Frame Profile	32.84 / 12.84
	23003	1.680 Kg/m	52mm Frame Profile	39.46 / 24.98
	23007	1.750 Kg/m	84mm Z Frame Profile	52.98 / 18.61
	23008	1.380 Kg/m	66.7mm Sash Profile	41.01 / 6.49
	23009	1.550 Kg/m	79.8mm Sash Profile	49.59 / 15.36
	23010	1.780 Kg/m	92.7mm Sash Profile	59.71 / 28.71
	23011	1.950 Kg/m	105.7mm Sash Profile	43.69 / 74.90
	23015	1.450 Kg/m	26mm Mullion Profile	30.31 / 9.57
	23016	1.600 Kg/m	39mm Mullion Profile	35.40 / 18.78
	23004	1.519 Kg/m	Frame Profile	6.52 / 56.4

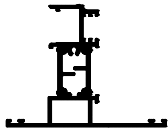
OVERVIEW OF PROFILES

DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE Jx(cm4) / Jy (cm4)
	23017	1.750 Kg/m	52mm Mullion Profile	40.37 / 33.83
	23019	1.750 Kg/m	39mm Mullion Profile (With Screw Channel)	38.37 / 19.44
	23020	2.540 Kg/m	Mullion Profile (Reinforcement)	119.81 / 44.73
	23025	2.250 Kg/m	78mm Mullion in Sash Profile	65.17 / 86.64
	23045	1.410 Kg/m	Double Casement Adapteur Profile	27.01 / 6.70
	23060	1.682 Kg/m	Corner 90° Profile	36.44 / 45.09
	23061	1.230 Kg/m	Corner Curve Profile	13.68 / 13.73
	21562	0.140 Kg/m	Corner Curve Adapteur	0.42 / 0.02
	21561	0.185 Kg/m	Corner Curve Adapteur	0.04 / 0.28

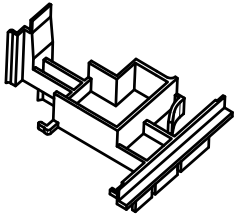
OVERVIEW OF PROFILES

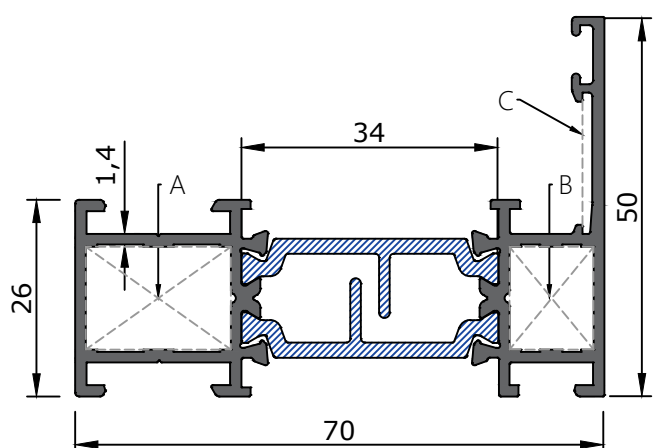
DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE Jx(cm4) / Jy (cm4)
	23043	1.395 Kg/m	Out Ward Adapteur	25.66 / 8.46
	23014	2.300 Kg/m	Out Ward Sash Profile	64.64 / 61.57
	23027	1.450 Kg/m	Pivot Adapteur Profile	32.87 / 12.71
	21551	0.368 Kg/m	Border Profile	0.25 / 6.57
	21553	0.395	Border Profile	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
	23033	1.566	Mullion Profile For Hidden Vent	40.99 / 16.52

OVERVIEW OF PROFILES

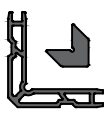
DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE Jx(cm4) / Jy (cm4)
	23046	1.694	Double Casement Adaptor For Hidden Vent	44.73 / 23.55
	21070	0.680	Glazing Bead Adaptor	0.96 / 8.39
	23040	0.660	Threshold Profile	0.30 / 12.37
	21047	0.260	Threshold Adaptor Profile	0.18 / 0.55
	21507	0.250	Glazing Bead	/
	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	/
	21537	0.273	Glass Support	/

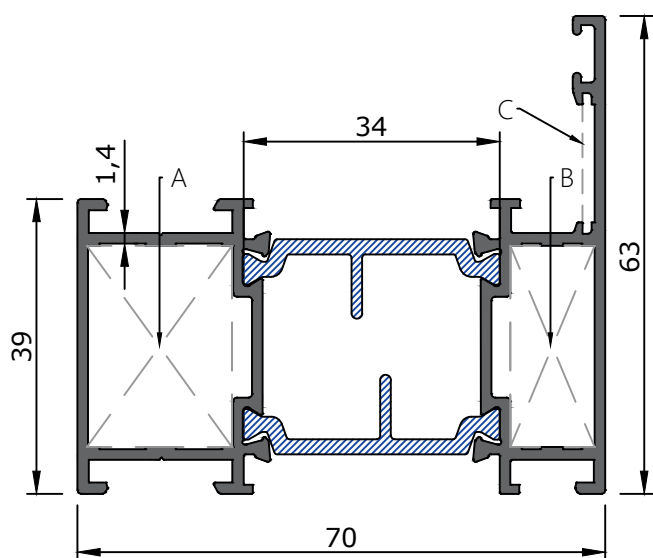
OVERVIEW OF PROFILES

DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE Jx(cm4) / Jy (cm4)
	AP 077		Tow wings Windows Adapteur Plugs	

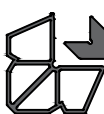


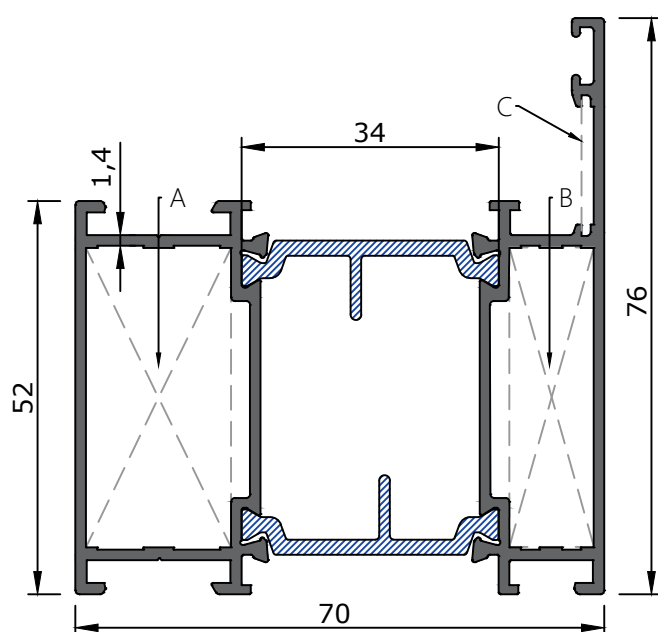
Profile Name	Profile Code	Weight (Kg/m)
Frame Profile	23001	1.290

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



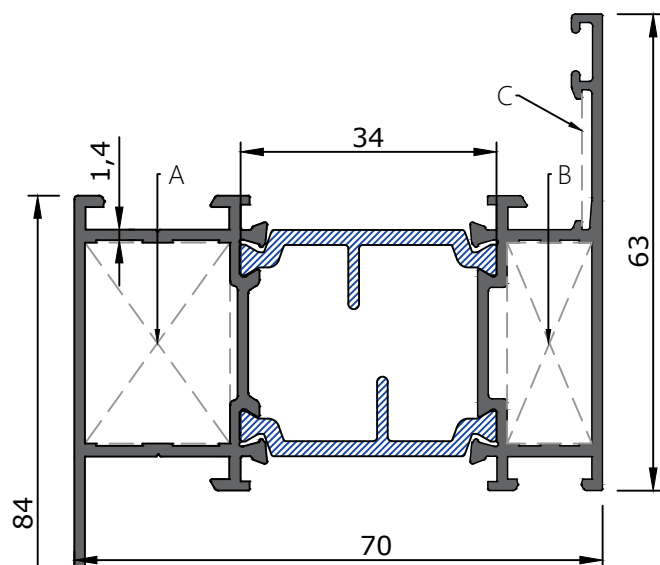
Profile Name	Profile Code	Weight (Kg/m)
Frame Profile	23002	1.490

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



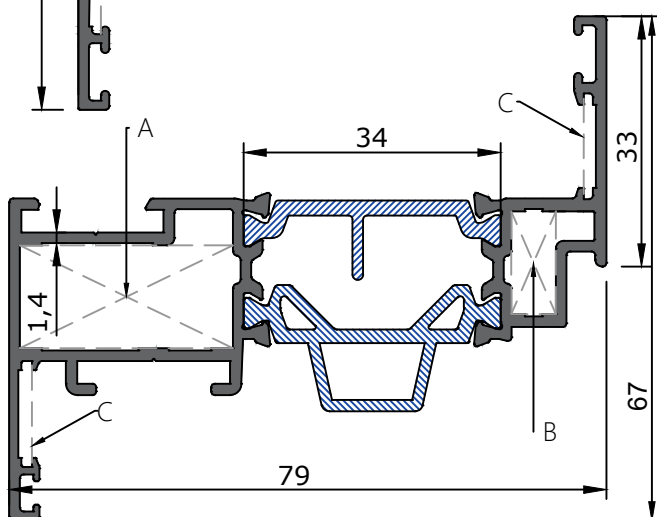
Profile Name	Profile Code	Weight (Kg/m)
Frame Profile	23003	1.680

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



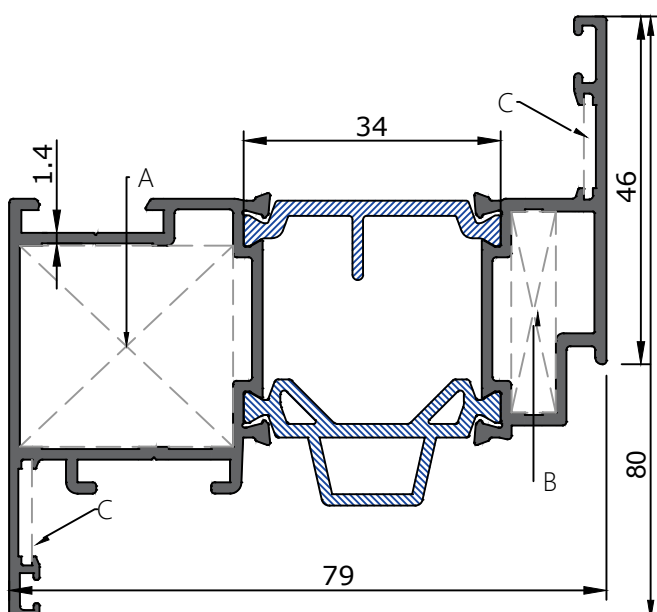
Profile Name	Profile Code	Weight (Kg/m)
Z Frame Profile	23007	1.750

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



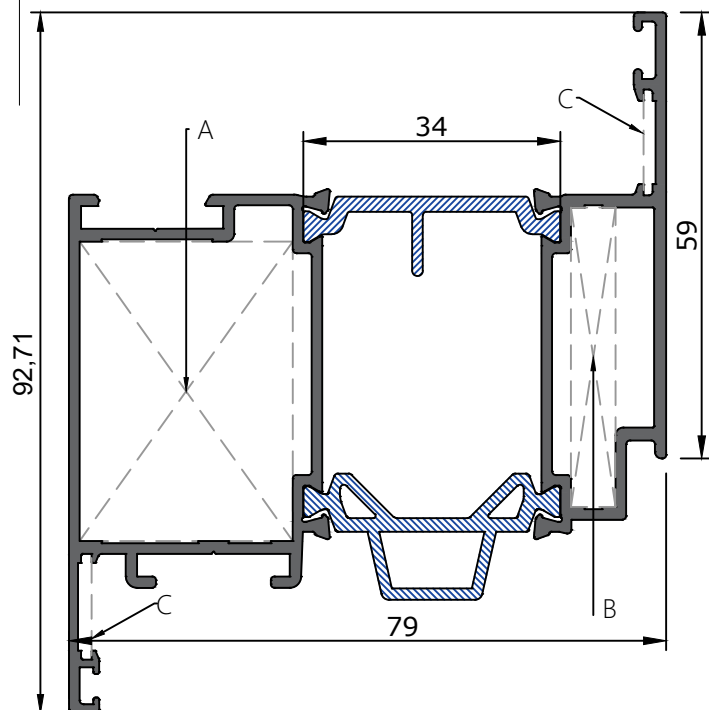
Profile Name	Profile Code	Weight (Kg/m)
Sash Profile	23008	1.380

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

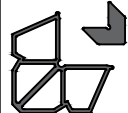


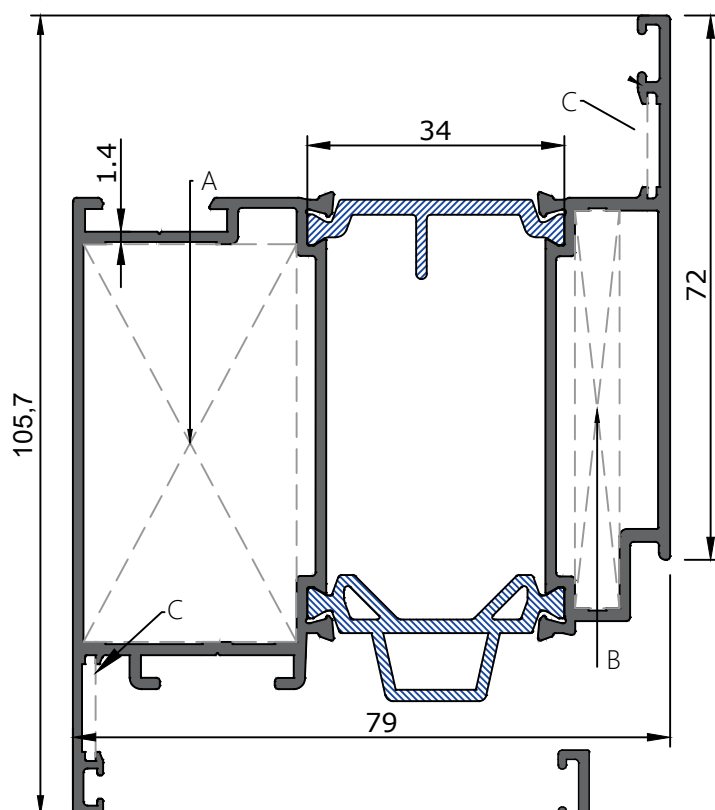
Profile Name	Profile Code	Weight (Kg/m)
Sash Profile	23009	1.550

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



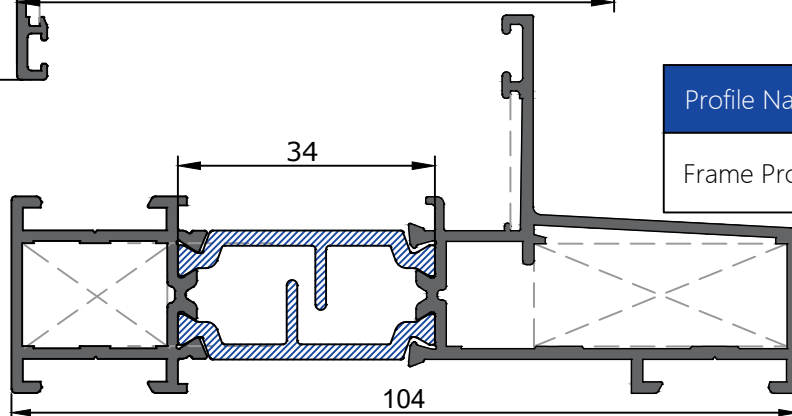
Profile Name	Profile Code	Weight (Kg/m)
Sash Profile	23010	1.780

Corner Cleat	A	B	C
	312-5 27.8mm	312-3 5.8mm	21327

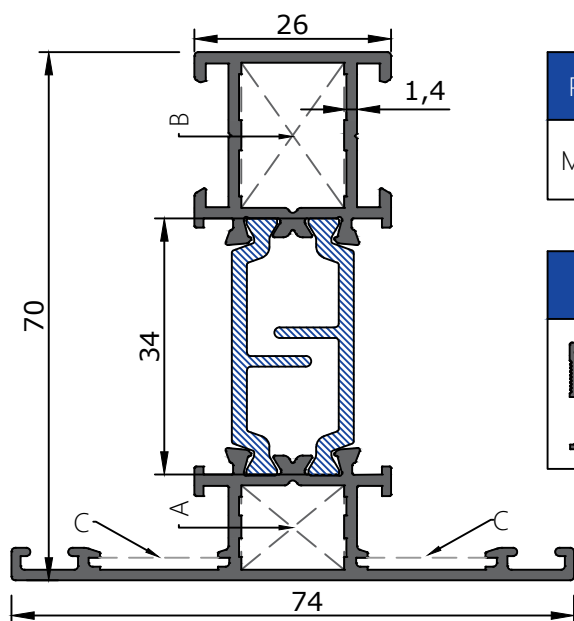


Profile Name	Profile Code	Weight (Kg/m)
Sash Profile	23011	1.9500

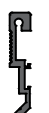
Corner Cleat	A	B	C
	314-1 27.8mm	314-2 5.5mm	21327

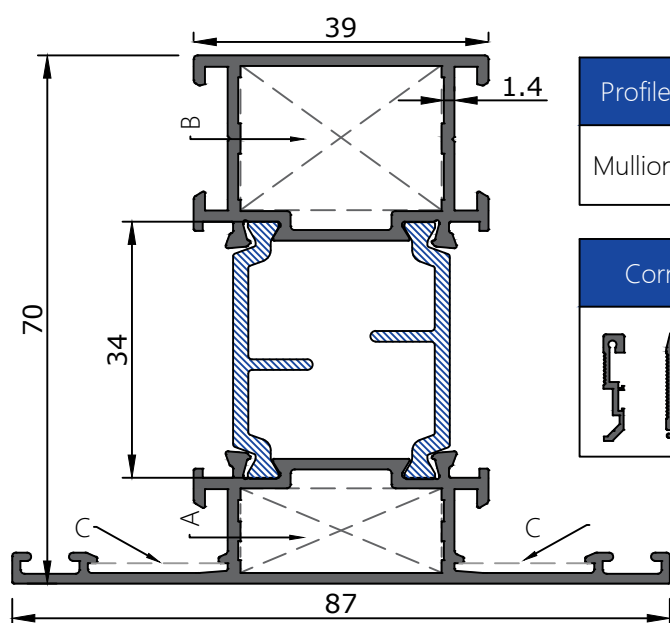


Profile Name	Profile Code	Weight (Kg/m)
Frame Profile	23004	1.5190



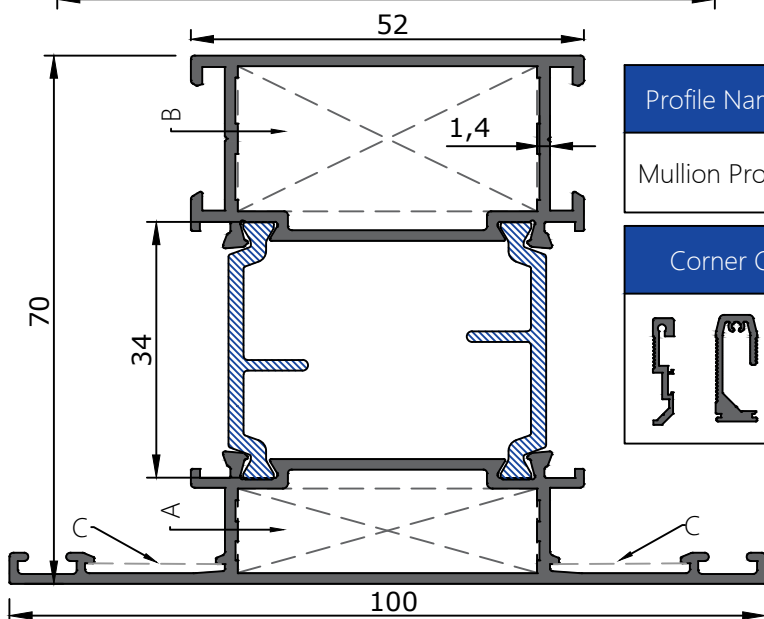
Profile Name	Profile Code	Weight (Kg/m)
Mullion Profile	23015	1.450

Corner Cleat	A	B	C
  	320-1		21326

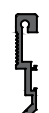


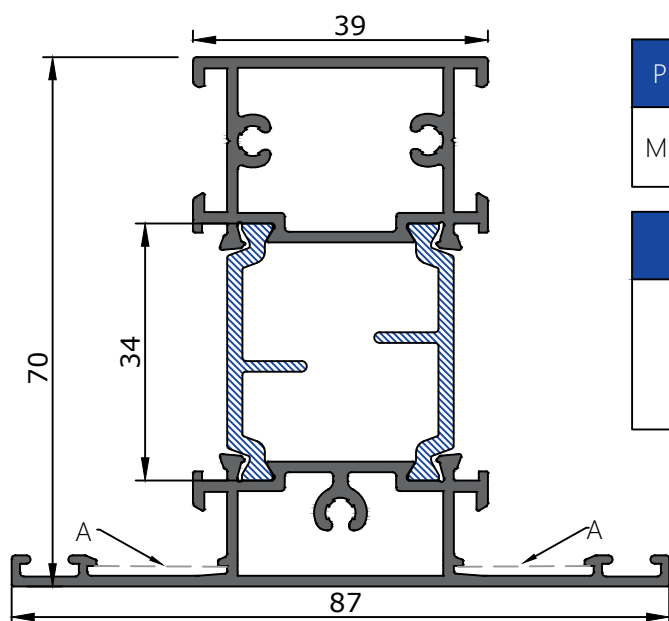
Profile Name	Profile Code	Weight (Kg/m)
Mullion Profile	23016	1.600

Corner Cleat	A	B	C
  	320-2		21326

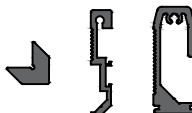


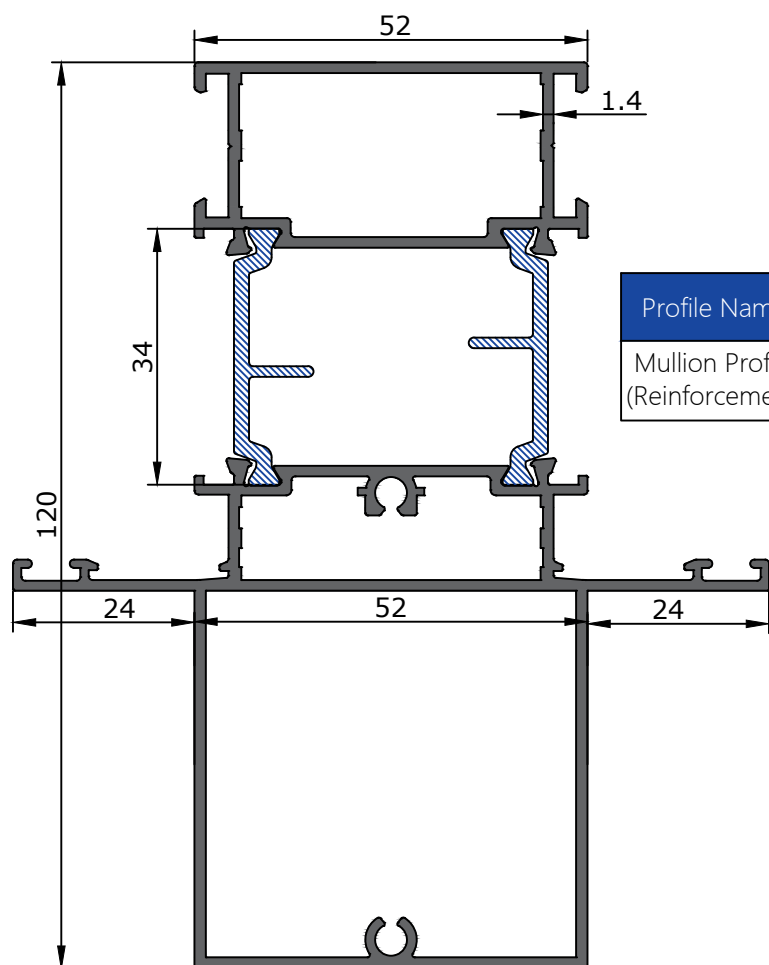
Profile Name	Profile Code	Weight (Kg/m)
Mullion Profile	23017	1.750

Corner Cleat	A	B	C
  	320-3		21326

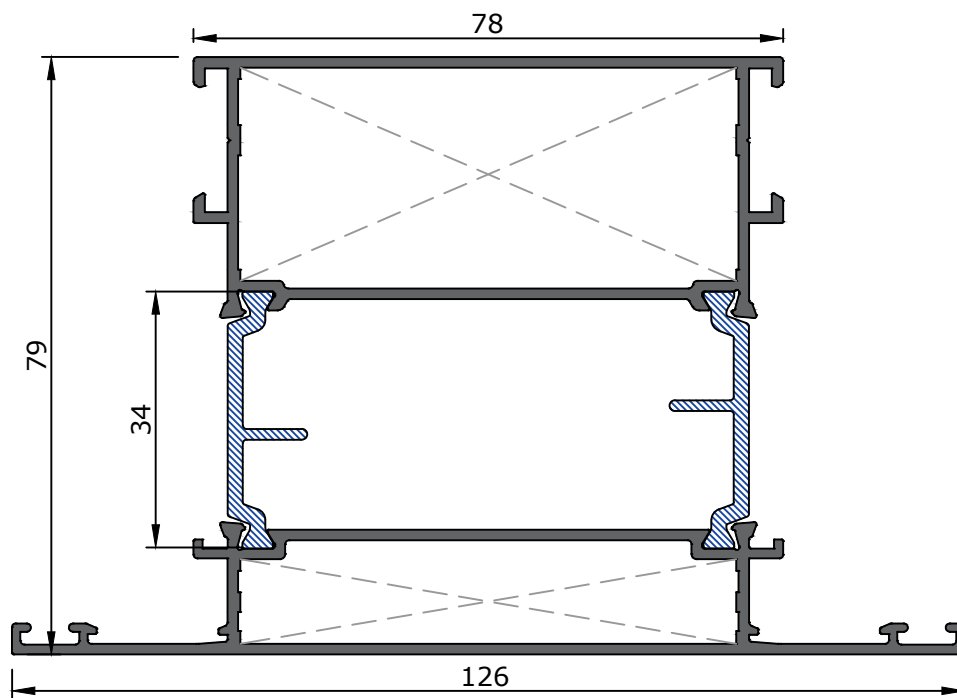


Profile Name	Profile Code	Weight (Kg/m)
Mullion Profile	23019	1.750

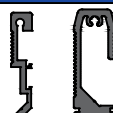
Corner Cleat	A
	21326

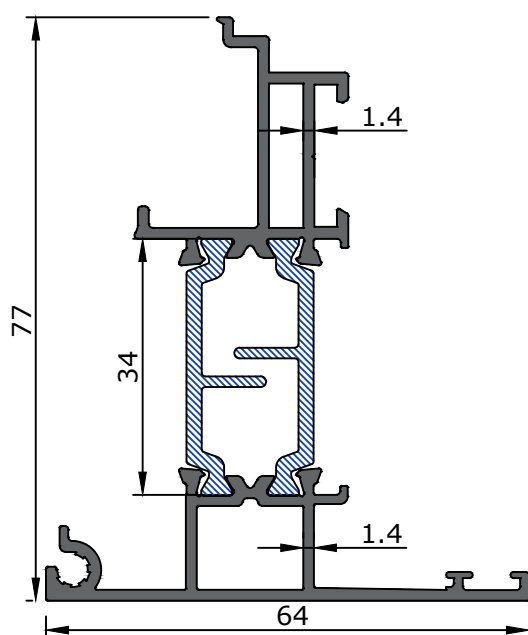


Profile Name	Profile Code	Weight (Kg/m)
Mullion Profile (Reinforcement)	23020	2.540

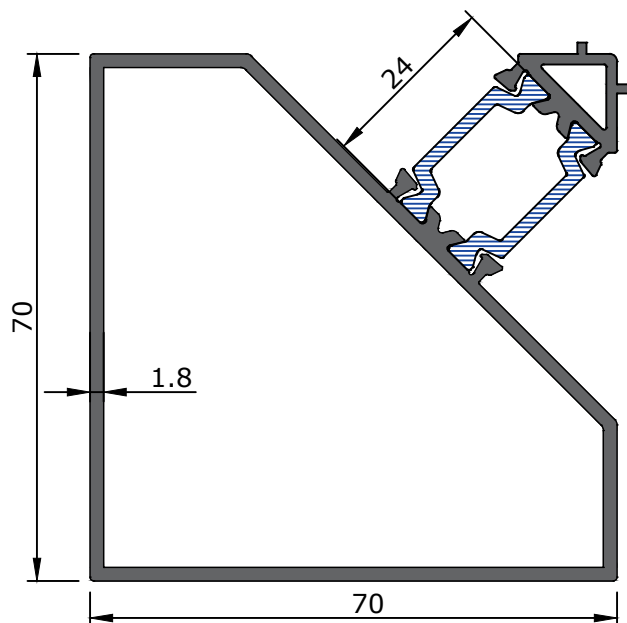


Profile Name	Profile Code	Weight (Kg/m)
Mullion In Sash Profile	23025	2.250

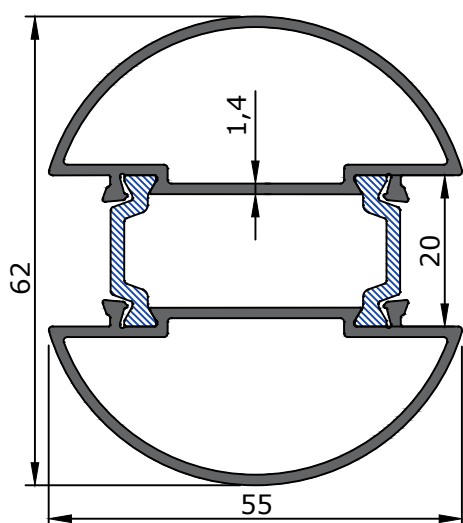
Corner Cleat	A	B
	320-4 65.2mm	



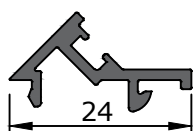
Profile Name	Profile Code	Weight (Kg/m)
Double Casement Adaptor Profile	23045	1.410



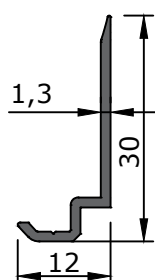
Profile Name	Profile Code	Weight (Kg/m)
Corner 90° Profile	23060	1.682



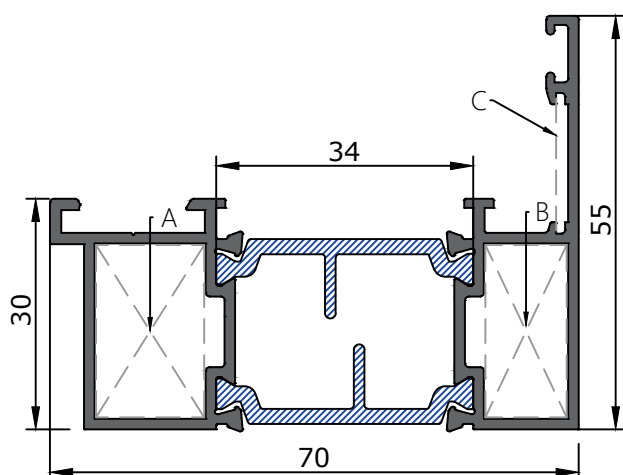
Profile Name	Profile Code	Weight (Kg/m)
Corner Curve Profile	23061	1.230



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

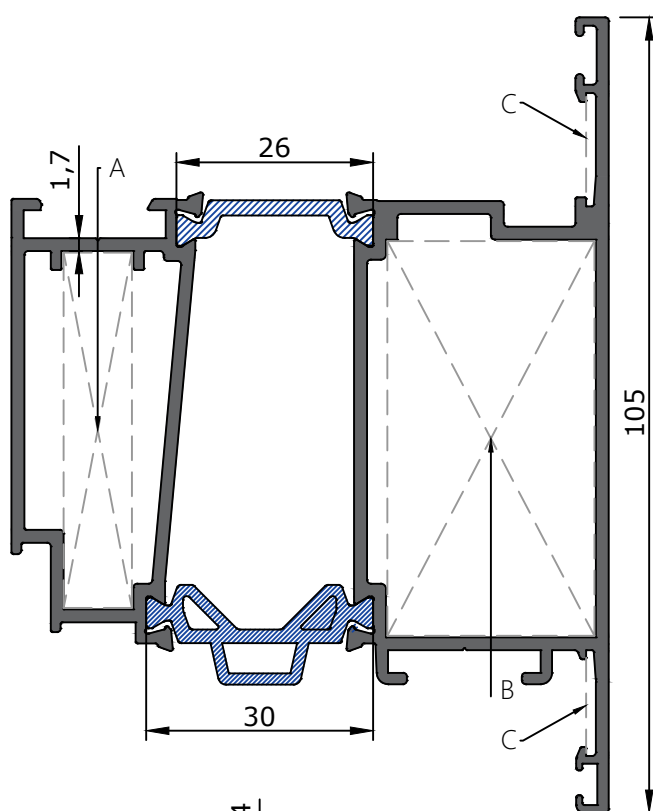


Profile Name	Profile Code	Weight (Kg/m)
Corner Curve Adaptor	21562	0.140

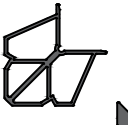


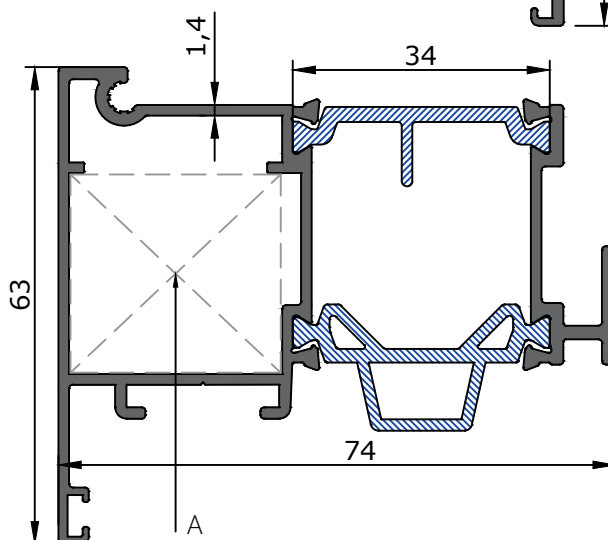
Profile Name	Profile Code	Weight (Kg/m)
Out Ward Adaptor	23043	1.395

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

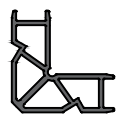


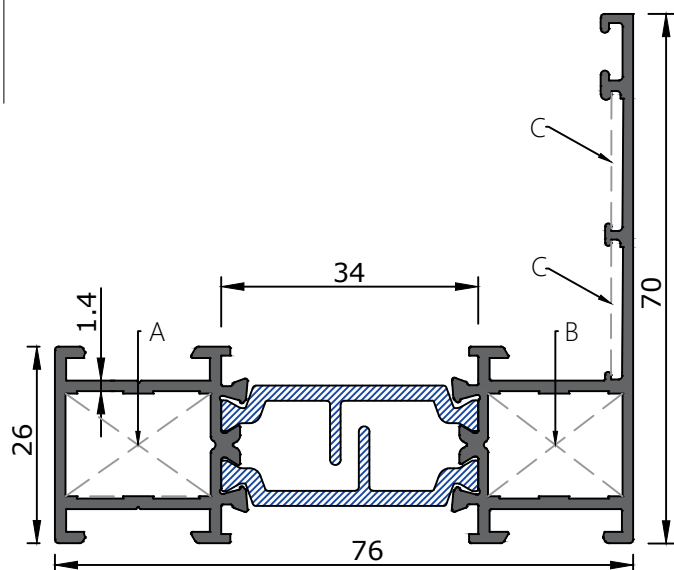
Profile Name	Profile Code	Weight (Kg/m)
Out Ward Sash Profile	23014	2.300

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

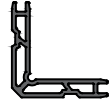


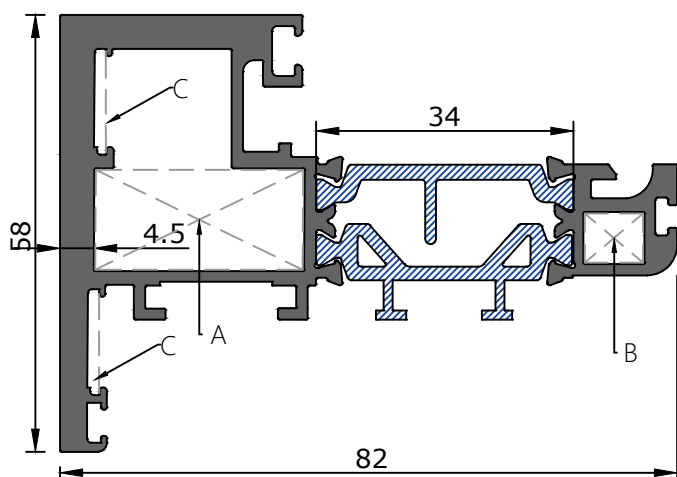
Profile Name	Profile Code	Weight (Kg/m)
Pivot Adaptor Profile	23027	1.450

Corner Cleat	A
	311-4 27.8mm

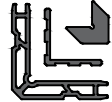


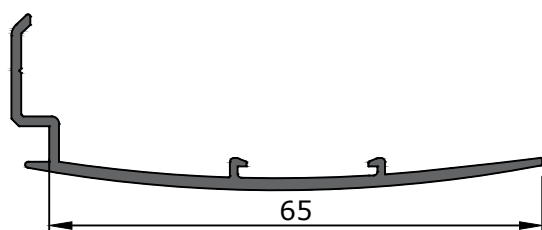
Profile Name	Profile Code	Weight (Kg/m)
Frame Profile For Hidden Vent	23031	1.456

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



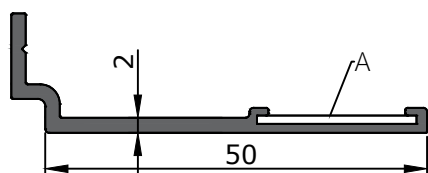
Profile Name	Profile Code	Weight (Kg/m)
Sash Profile For Hidden Vent	23042	2.244

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

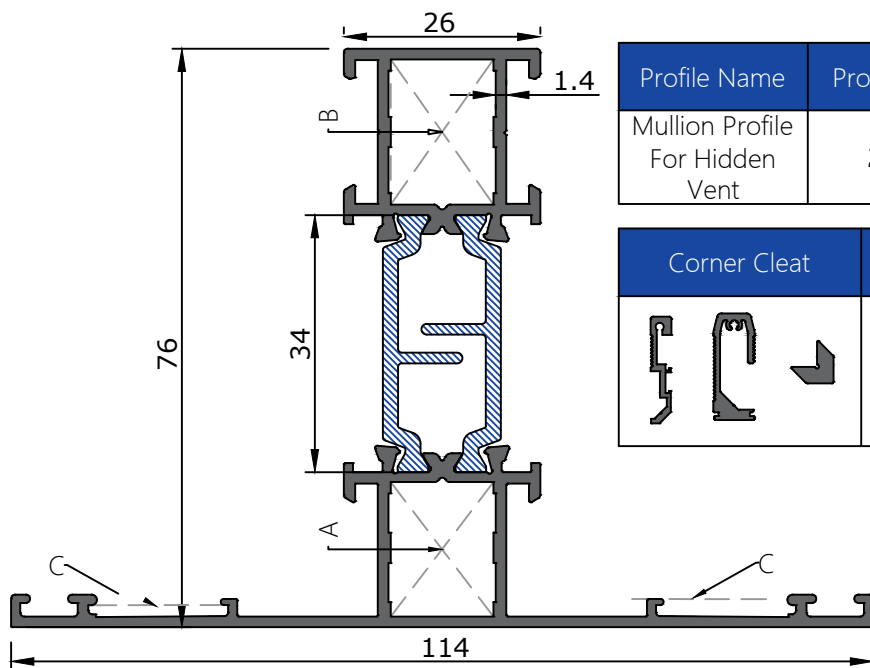


Profile Name	Profile Code	Weight (Kg/m)
Border Profile	21551	0.368

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

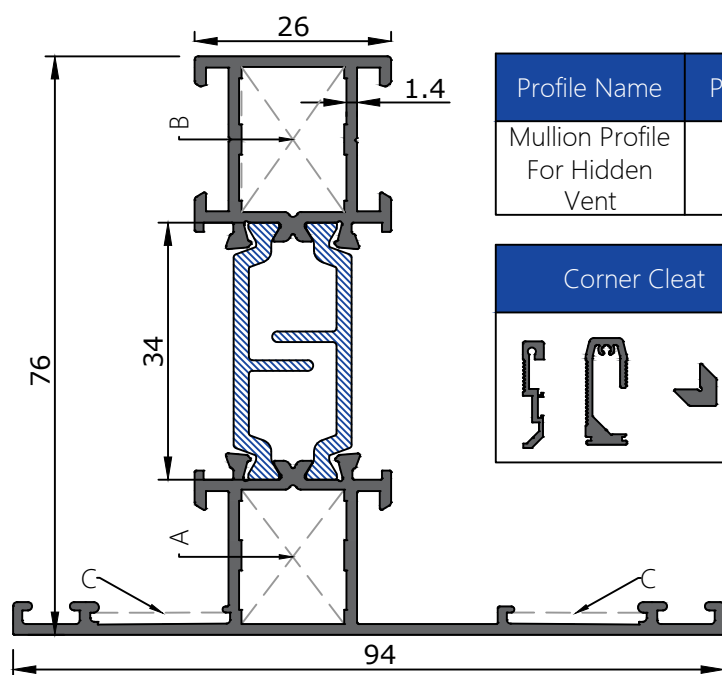


Corner Cleat	A
	21326

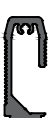


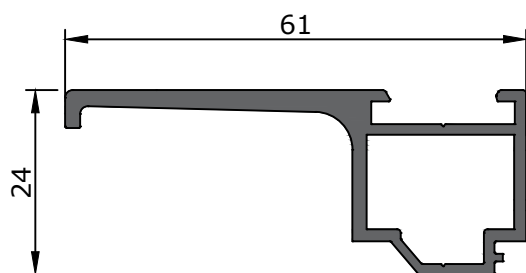
Profile Name	Profile Code	Weight (Kg/m)
Mullion Profile For Hidden Vent	23033	1.646

Corner Cleat	A	B	C
  	320-1 13.2mm		21326

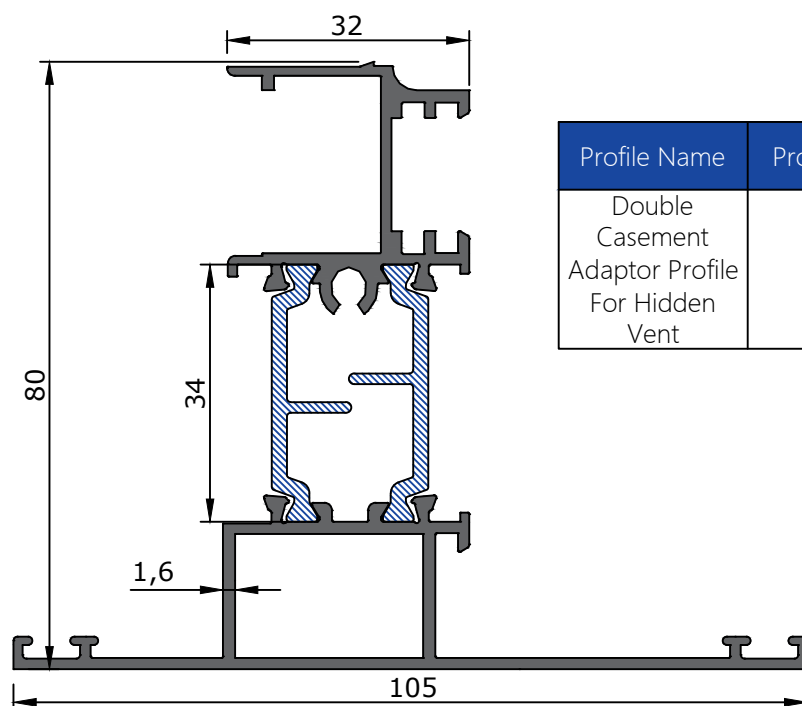


Profile Name	Profile Code	Weight (Kg/m)
Mullion Profile For Hidden Vent	23032	1.566

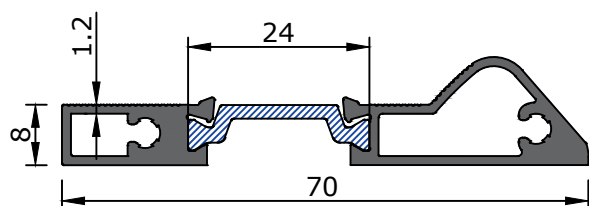
Corner Cleat	A	B	C
  	320-1 13.2mm		21326



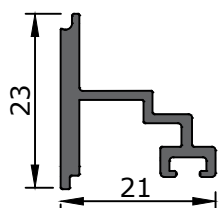
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead Adaptor	21070	0.680



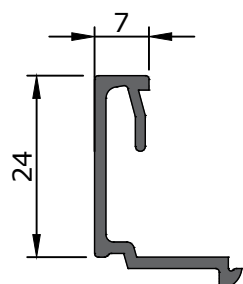
Profile Name	Profile Code	Weight (Kg/m)
Double Casement Adaptor Profile For Hidden Vent	23046	1.694



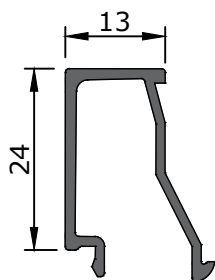
Profile Name	Profile Code	Weight (Kg/m)
Threshold Profile	23040	0.660



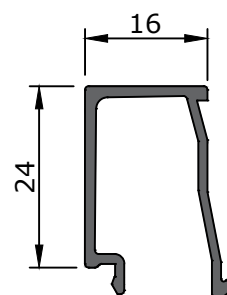
Profile Name	Profile Code	Weight (Kg/m)
Threshold Adaptor Profile	21041	0.260



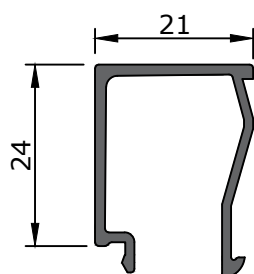
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21501	0.250



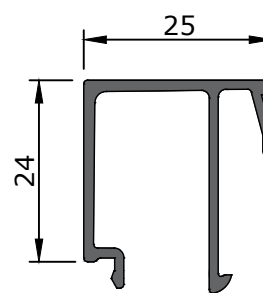
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21502	0.263



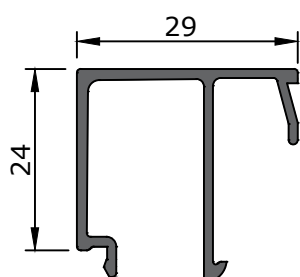
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21503	0.280



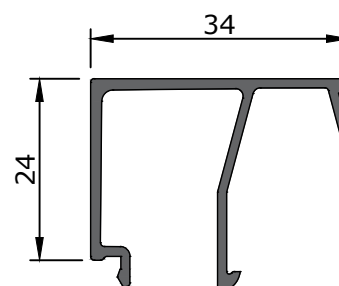
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21504	0.300



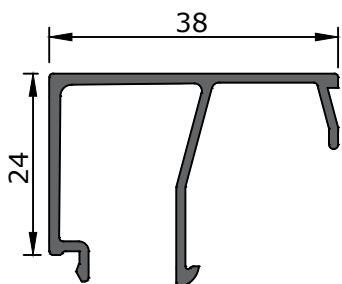
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21505	0.340



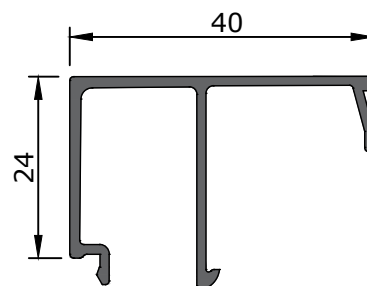
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21506	0.345



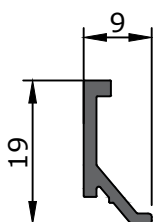
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21507	0.370



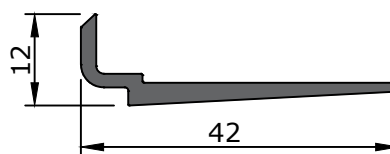
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21508	0.385



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

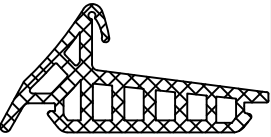


Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21513	0.125

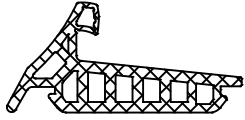
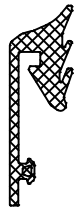
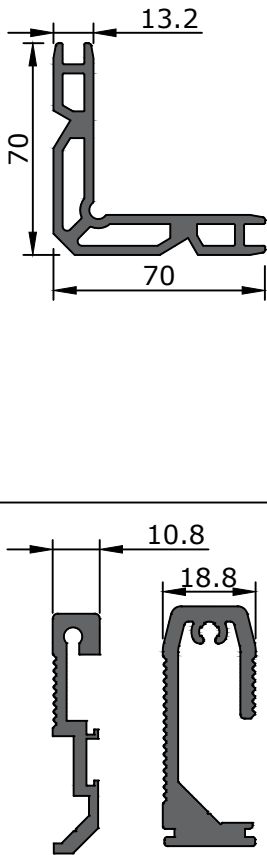


Profile Name	Profile Code	Weight (Kg/m)
Glass Support	21531	0.273

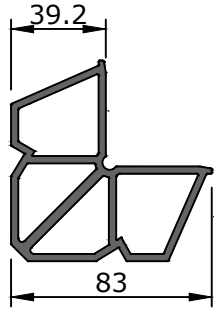
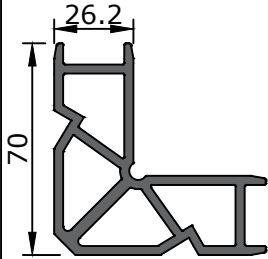
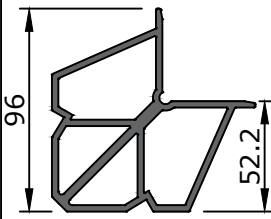
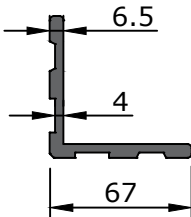
ACCESSORIES

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

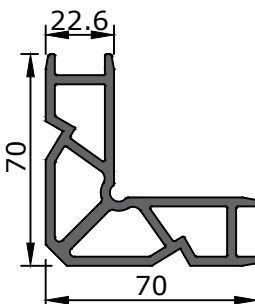
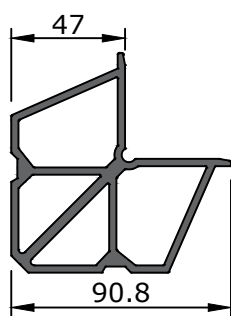
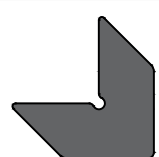
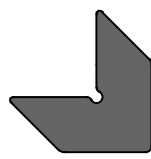
ACCESSORIES

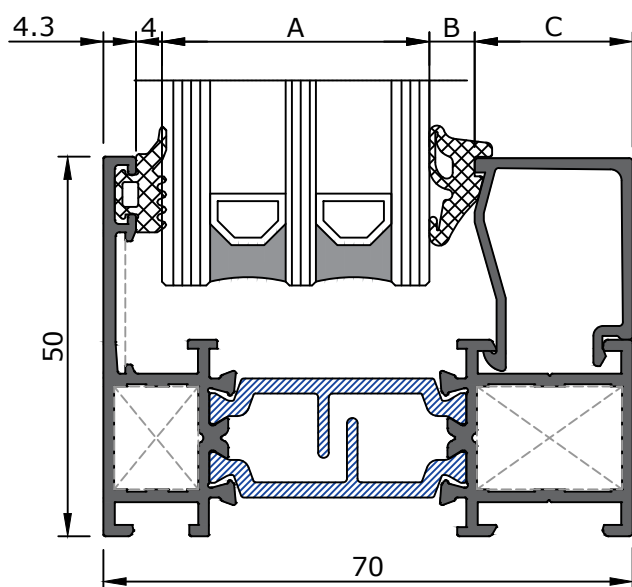
Drawing	Code	Description	Material
	G 229	Central Gasket	EPDM
	G 235	Glazing Gasket	EPDM
	308-2	23001Press Corner Cleat10.8(mm)	Aluminium
	308-13	23001Press Corner Cleat18.8(mm)	
	308-14	23008Press Corner Cleat5.5(mm)	
	308-3	23008Press Corner Cleat27.8(mm)	
	308-5	23042Press Corner Cleat27.4(mm)	
	Profile:21320 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

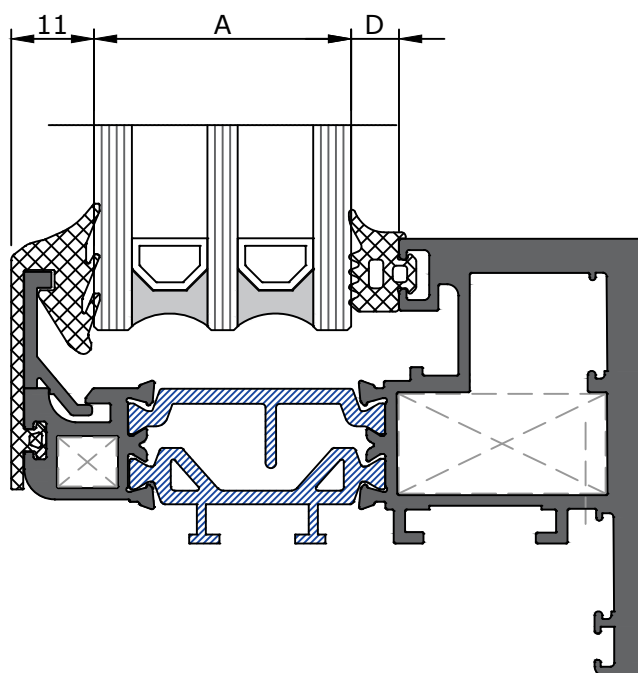
Drawing	Code	Description	Material
	312-1	Press Corner Cleat10.8(mm)	Aluminium
	312-2	Press Corner Cleat18.8(mm)	
	312-3	Press Corner Cleat5.5(mm)	
	312-5	Press Corner Cleat27.8(mm)	
	311-1	Press Corner Cleat10.8(mm)	
	311-2	Press Corner Cleat5.5(mm)	
	311-3	Press Corner Cleat 18.8(mm)	
	311-4	Press Corner Cleat27.8(mm)	
	314-1	Press Corner Cleat27.8(mm)	
	314-2	Press Corner Cleat5.5(mm)	
	314-3	Press Corner Cleat27.4(mm)	
	551-1	23042Press Corner Cleat7.7(mm)	

ACCESSORIES

Drawing	Code	Description	Material
	319-1	Press Corner Cleat14.3(mm)	Aluminium
	319-2	Press Corner Cleat10.8(mm)	
	313-1	Press Corner Cleat8.9(mm)	
	21326	Press Corner Cleat For Frame Profile & Mullion Profile18(mm)	
	21327	Press Corner Cleat For Sash Profile13.5(mm)	



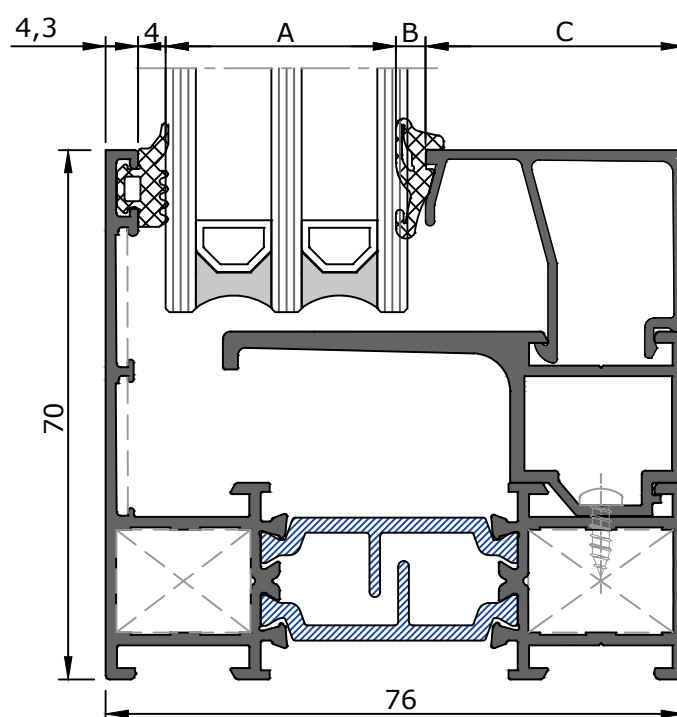
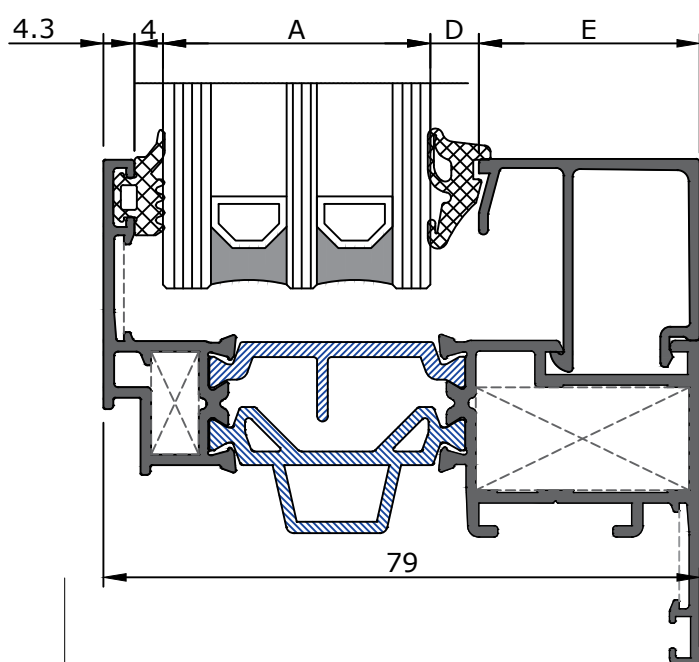
Glass Size		
A(mm)	B	C
24	G 203	21506
26	G 202	21506
28	G 201	21506
30	G 202	21505
32	G 201	21505
34	G 202	21504
36	G 201	21504
38	G 203	21503
40	G 201	21503
42	G 202	21502
44	G 201	21502

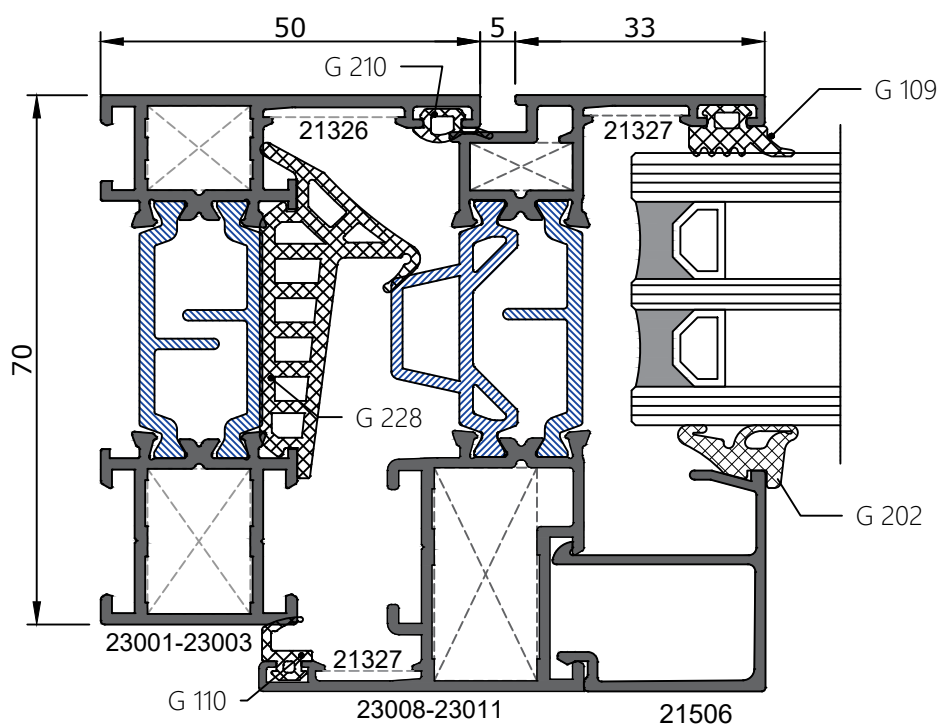
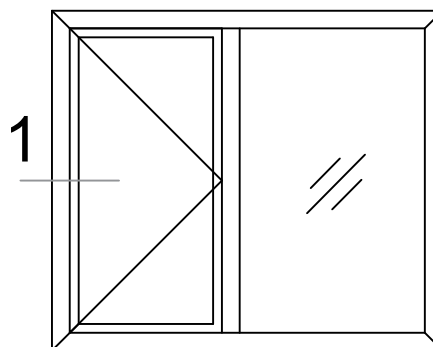


Glass Size	
A(mm)	D
34	G 217

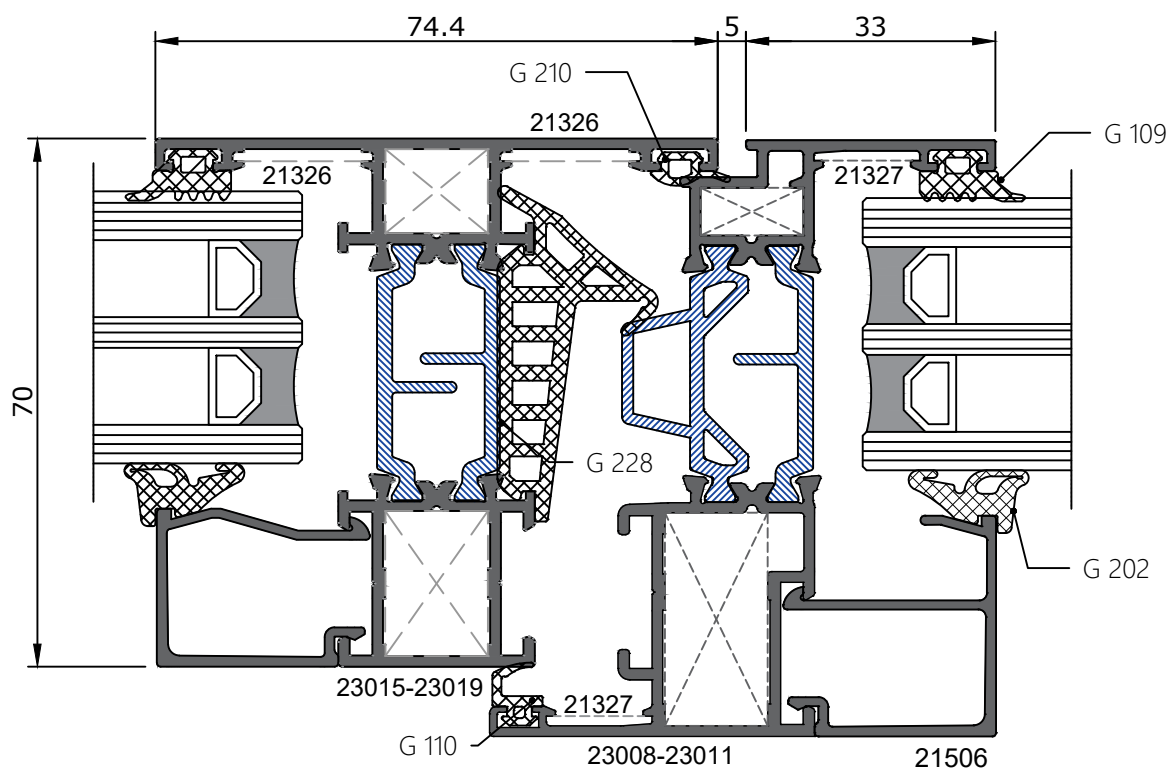
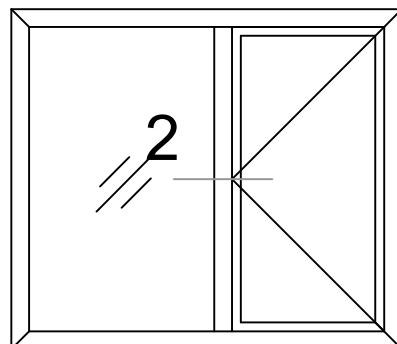
Glass Size		
A(mm)	D	E
24	G 202	21509
26	G 201	21509
28	G 201	21508
30	G 202	21507
32	G 201	21507
34	G 203	21506
36	G 201	21506
38	G 203	21505
40	G 201	21505
42	G 108	21505
44	G 201	21504
46	G 108	21504
48	G 202	21503

Glass Size		
A(mm)	B	C
24	G 201	21509
26	G 108	21509
28	G 108	21508
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



2

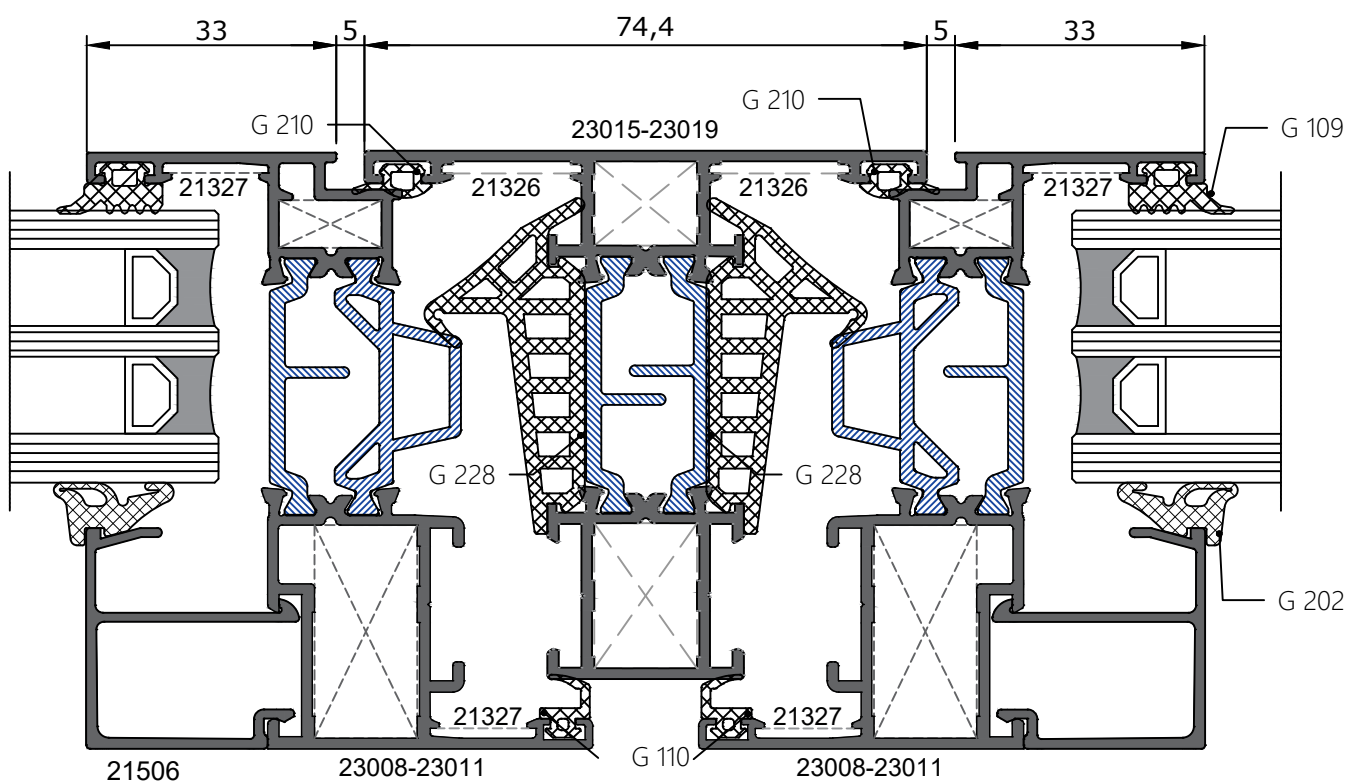
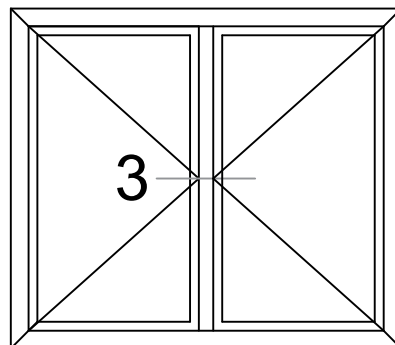
HATCH GUIDE : ● Aluminium

▨ PolyAmid

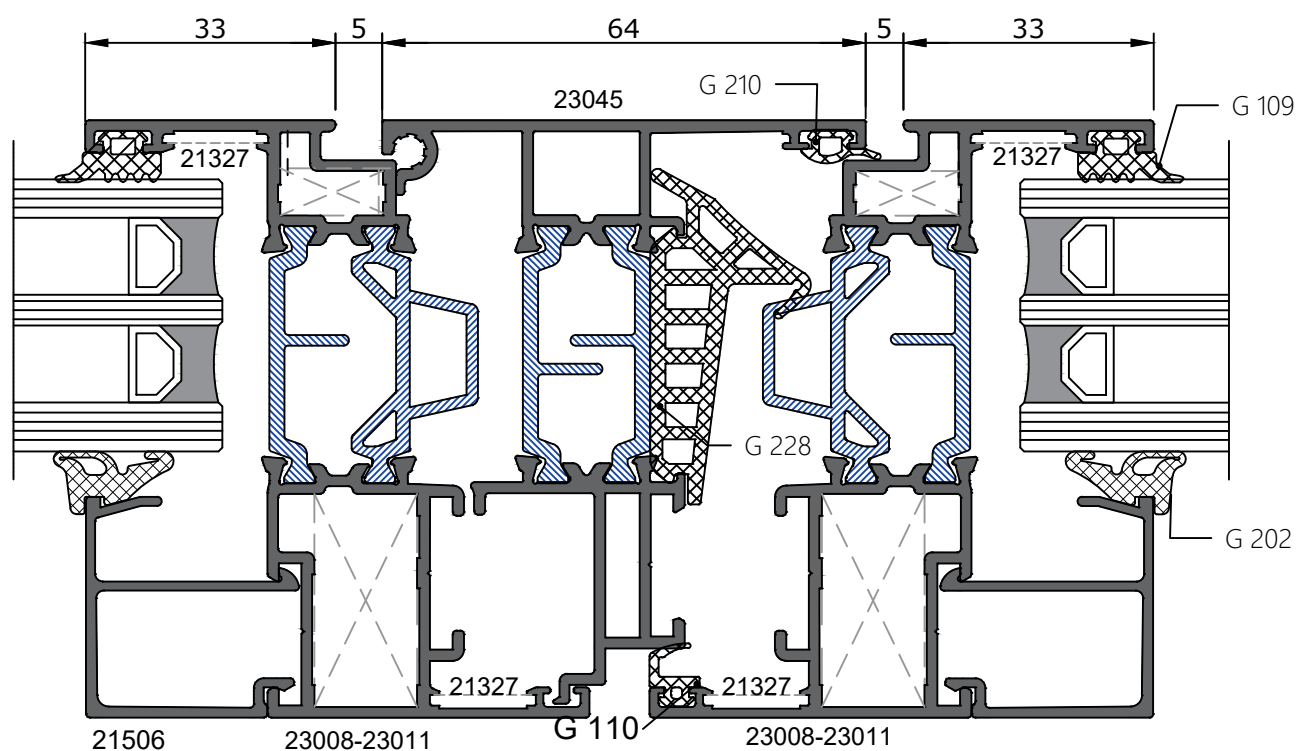
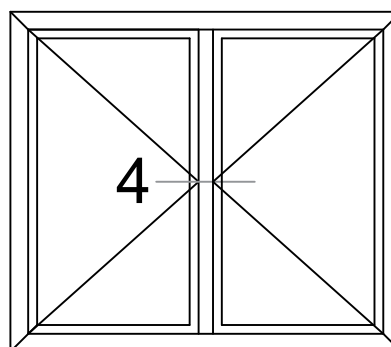
● PVC

▨ EPDM

● Sponge

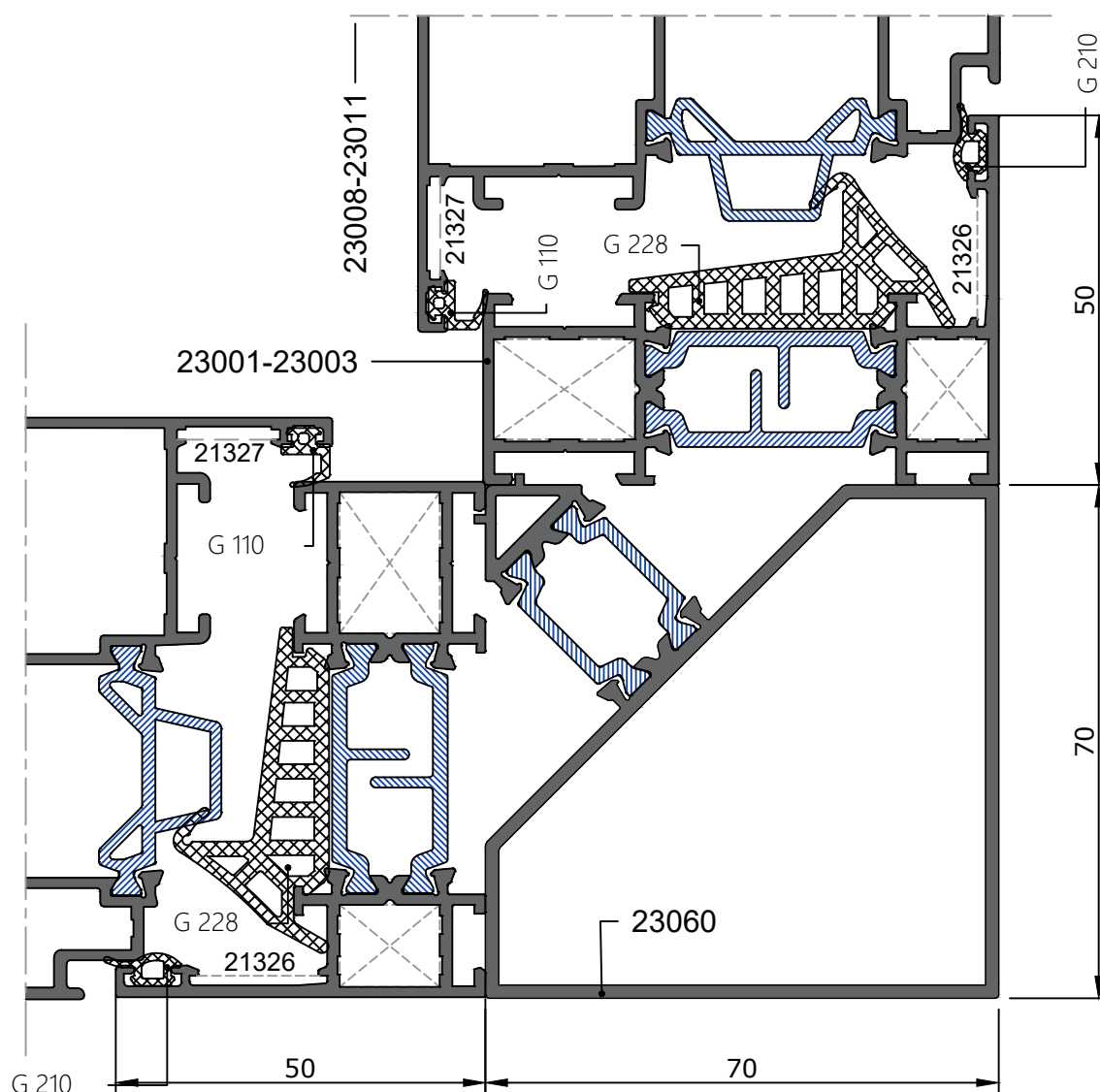
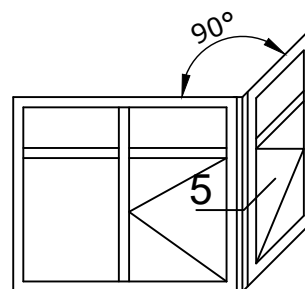


3



4

HATCH GUIDE : Aluminium PolyAmid PVC EPDM Sponge



5

HATCH GUIDE : ● Aluminium

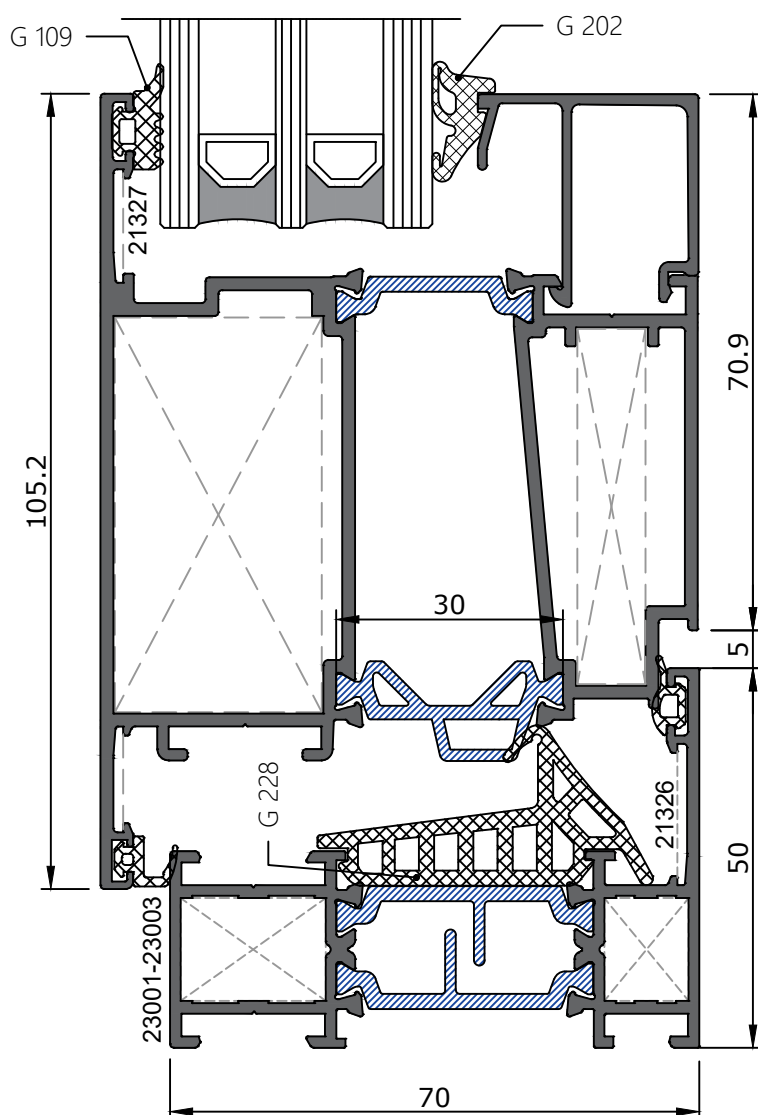
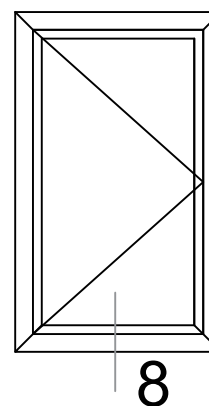
● PolyAmid

● PVC

● EPDM

● Sponge

OUT WARD



8

HATCH GUIDE : ● Aluminium

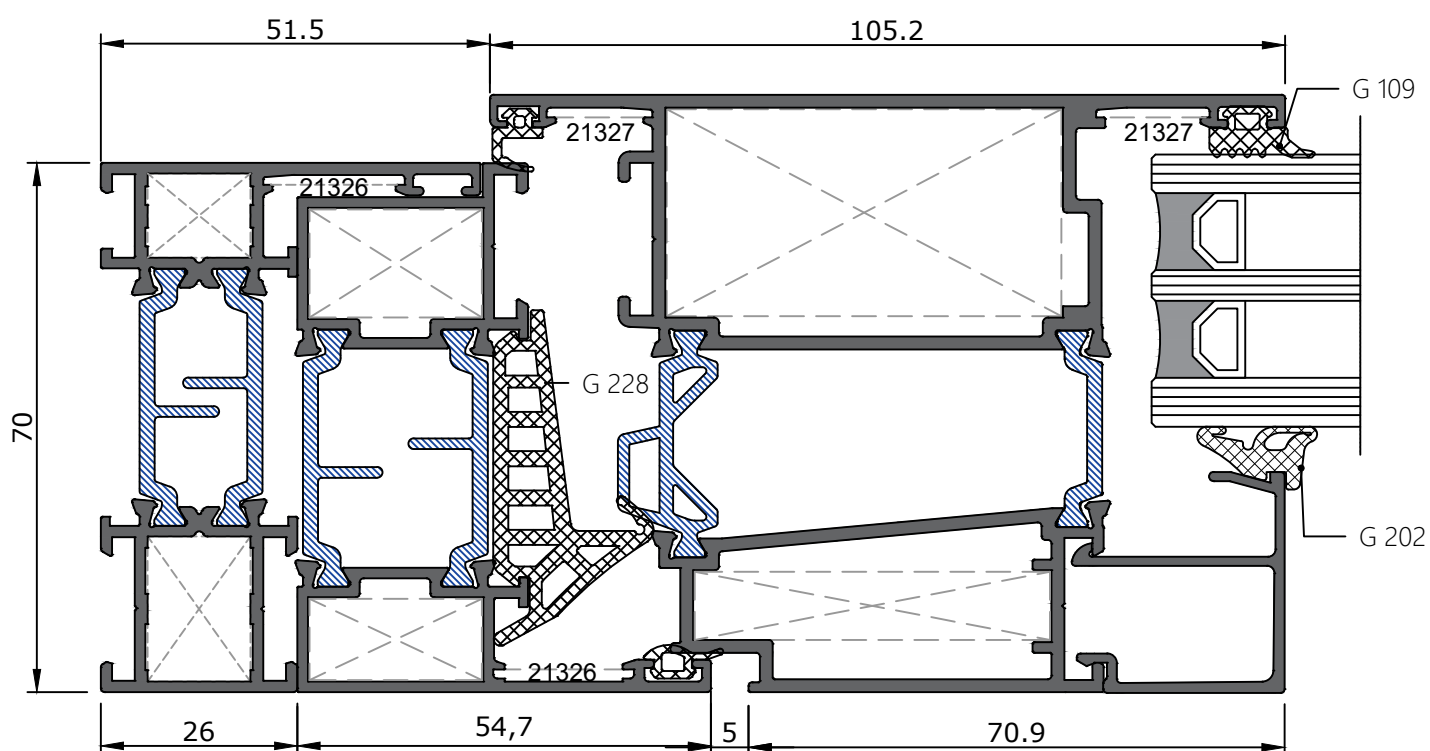
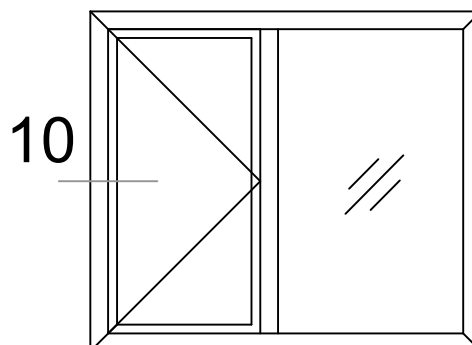
● PolyAmid

● PVC

● EPDM

● Sponge

OUT WARD



10

HATCH GUIDE : ● Aluminium

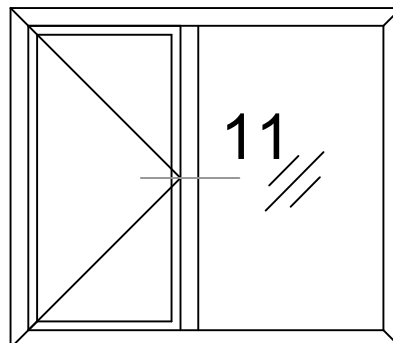
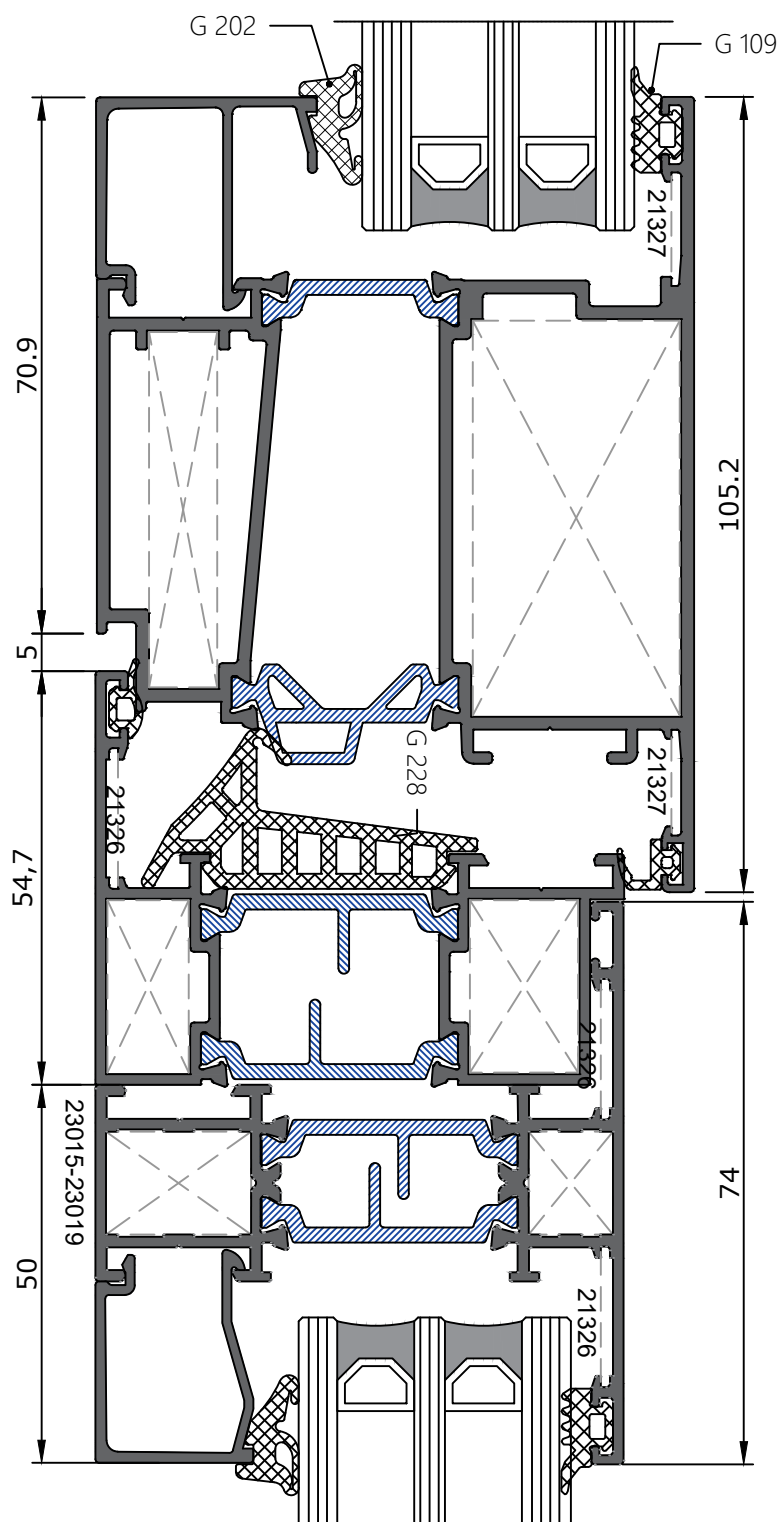
● PolyAmid

● PVC

● EPDM

● Sponge

OUT WARD



11

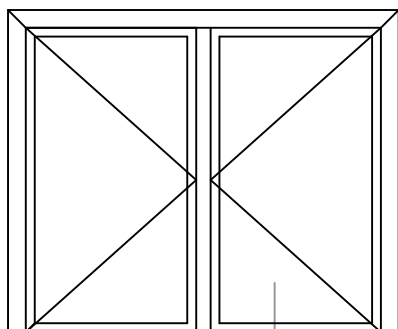
HATCH GUIDE : ● Aluminium

● PolyAmid

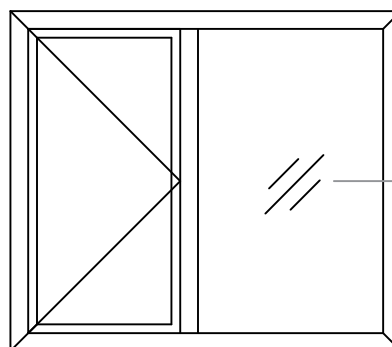
● PVC

● EPDM

● Sponge

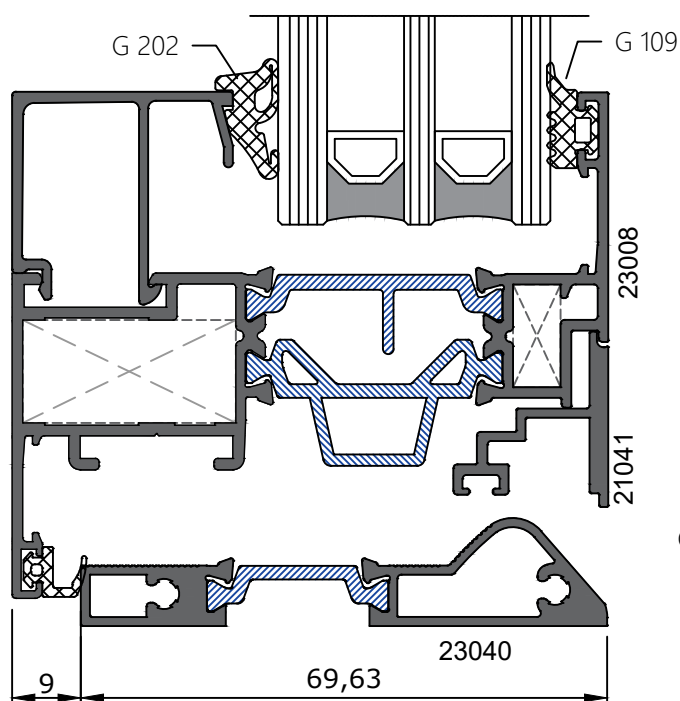


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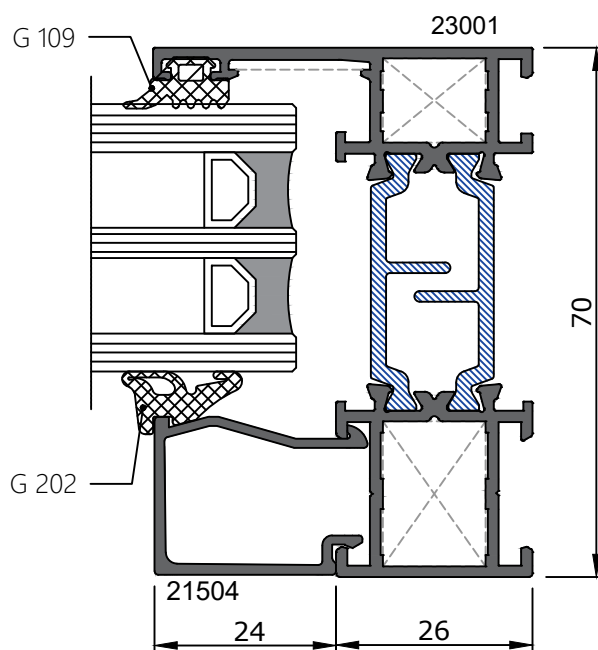


OUT WARD

12



13



12

HATCH GUIDE : ● Aluminium

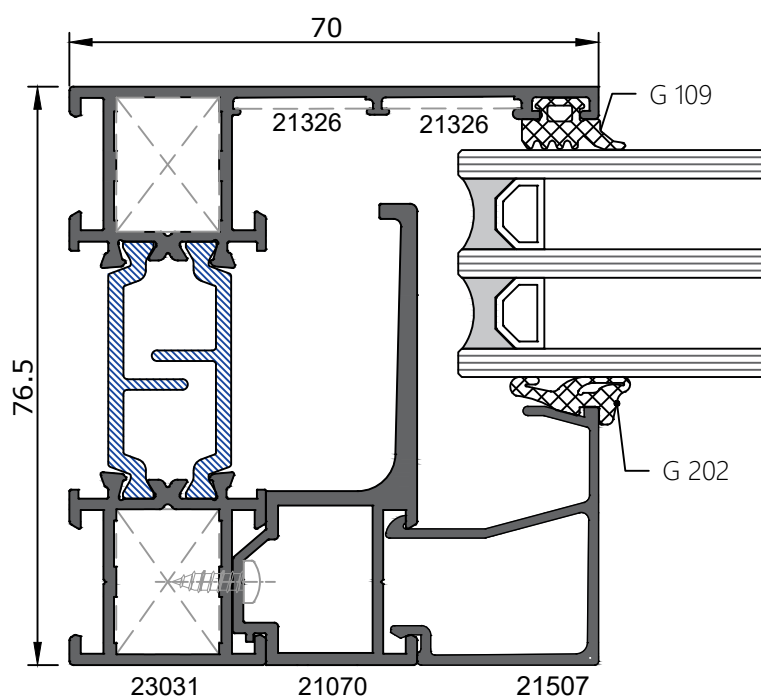
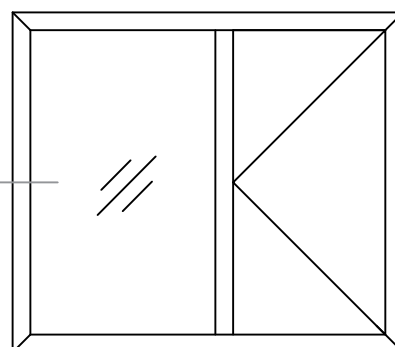
● PolyAmid

● PVC

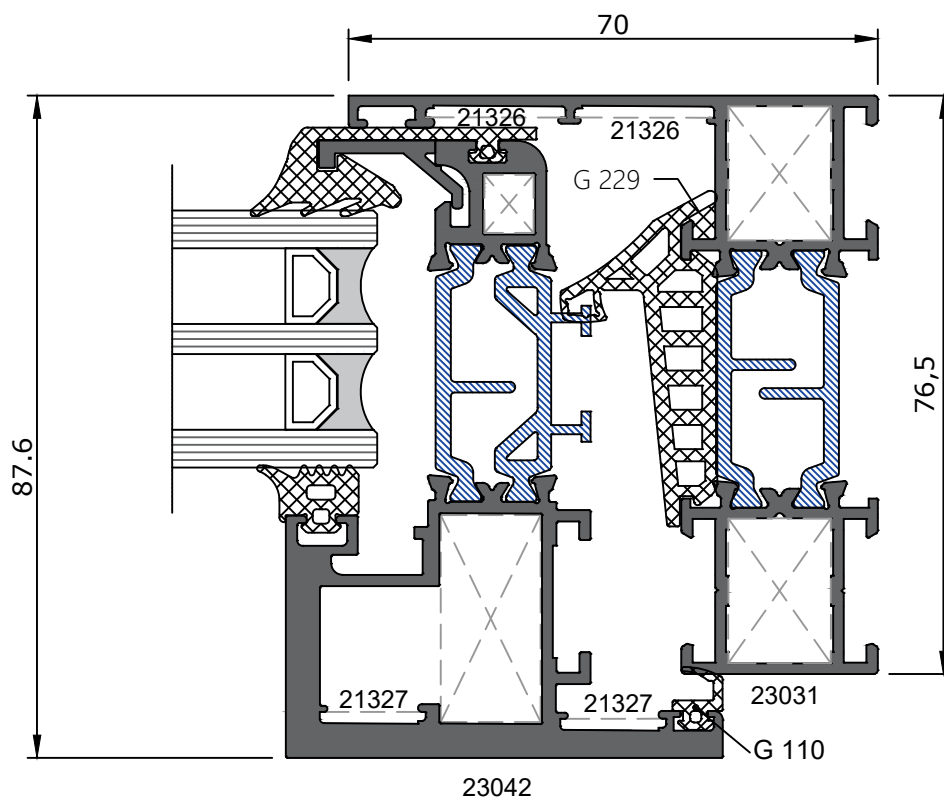
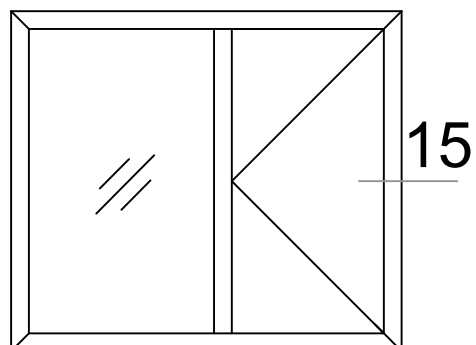
● EPDM

● Sponge

14



14



15

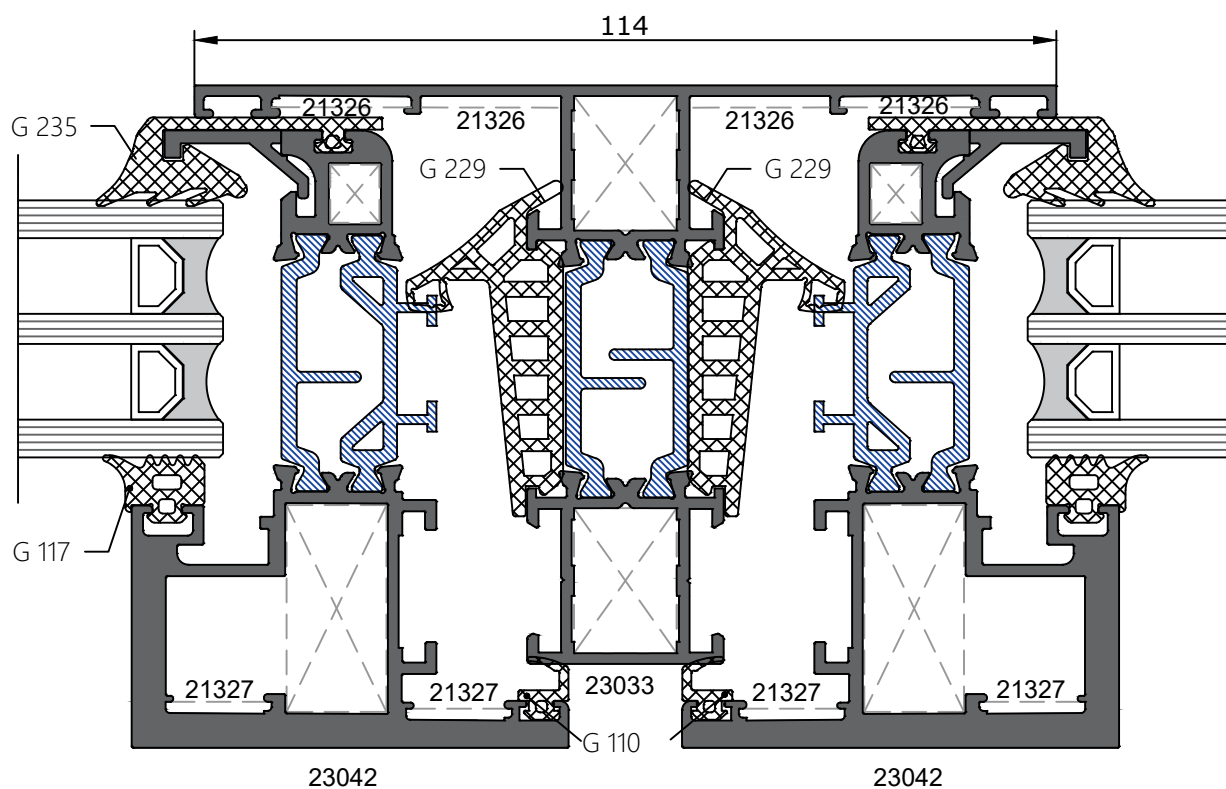
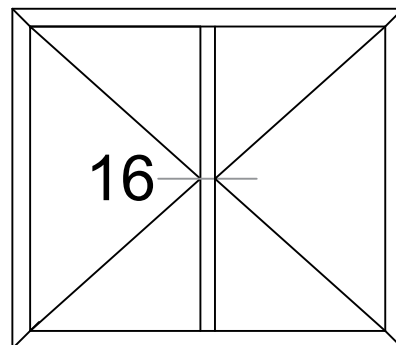
HATCH GUIDE : ● Aluminium

● PolyAmid

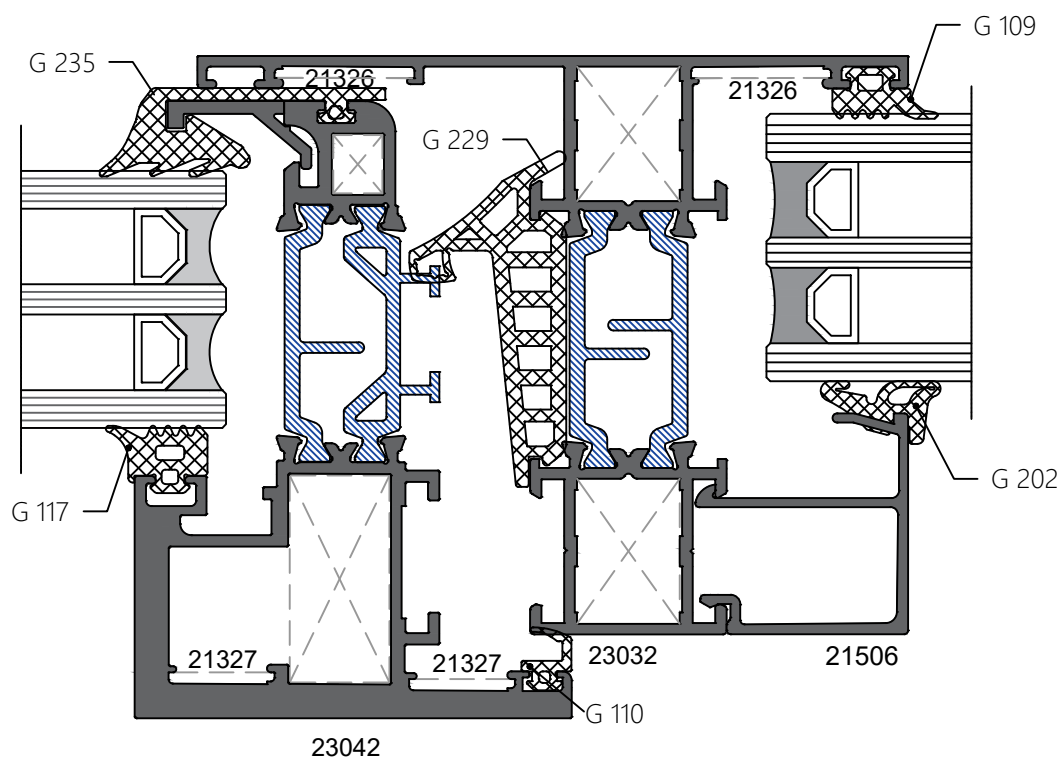
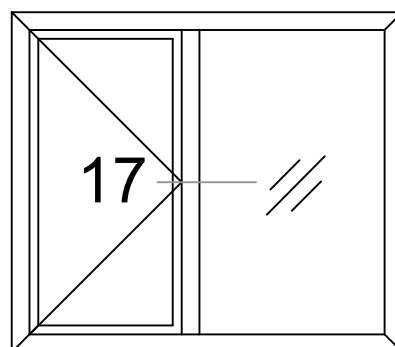
● PVC

● EPDM

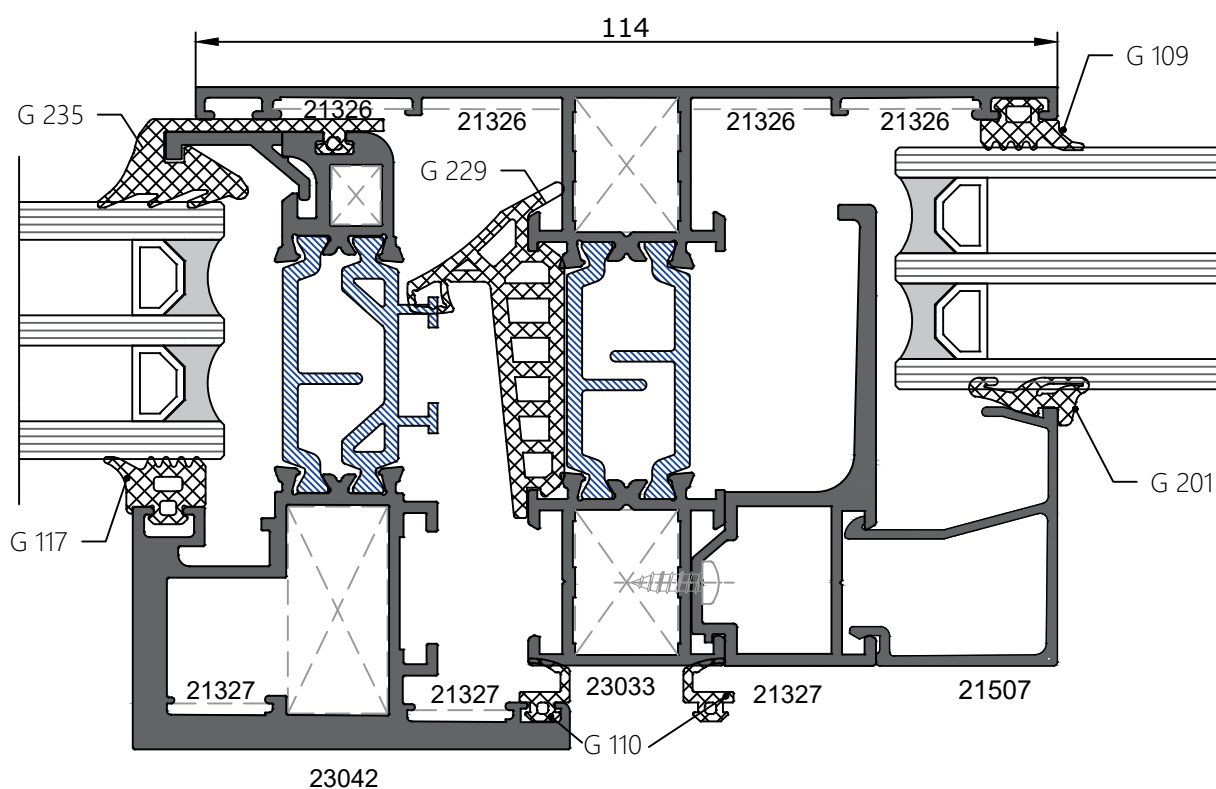
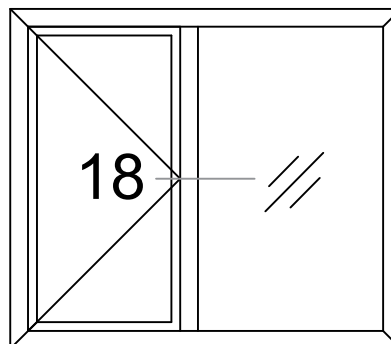
● Sponge



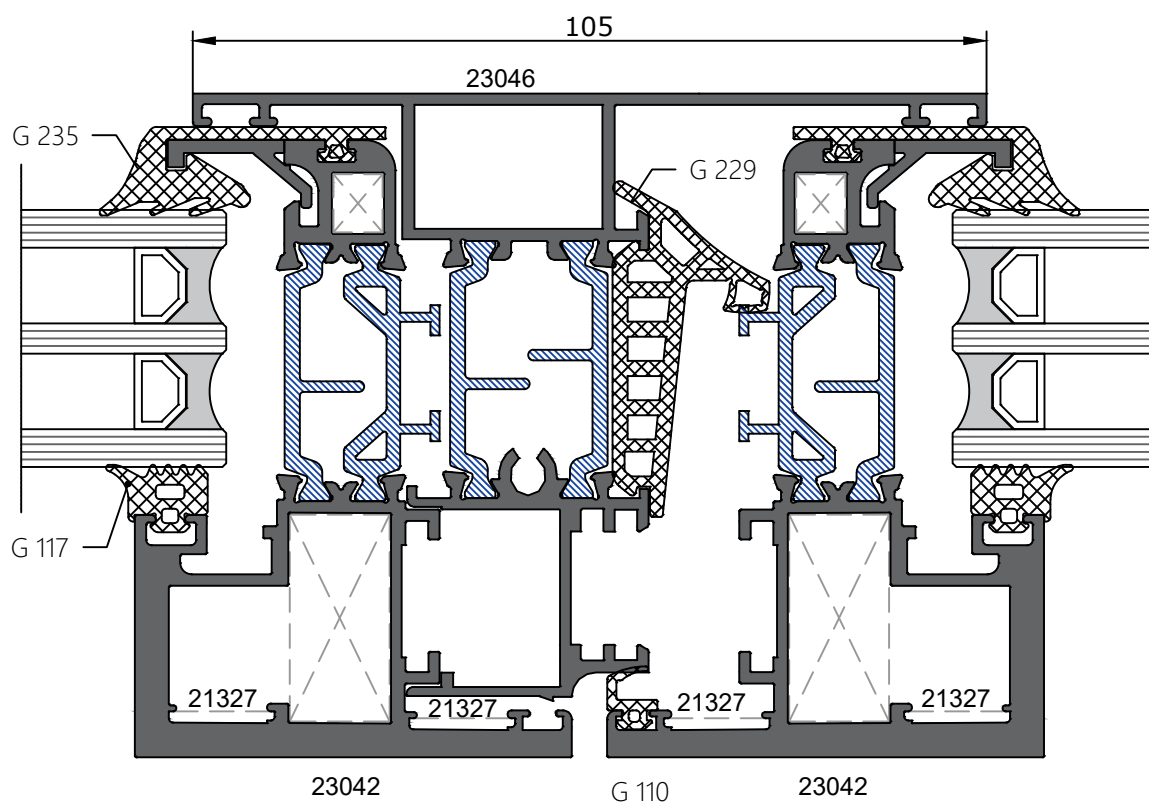
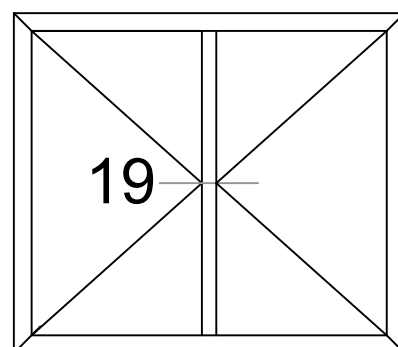
16



17



18



19

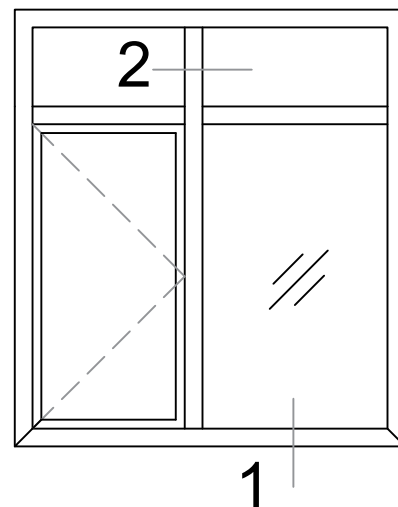
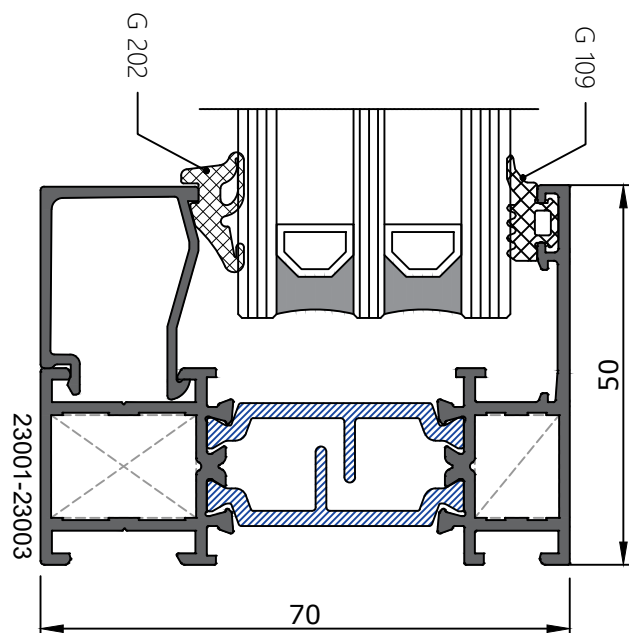
HATCH GUIDE :  Aluminium

 PolyAmid

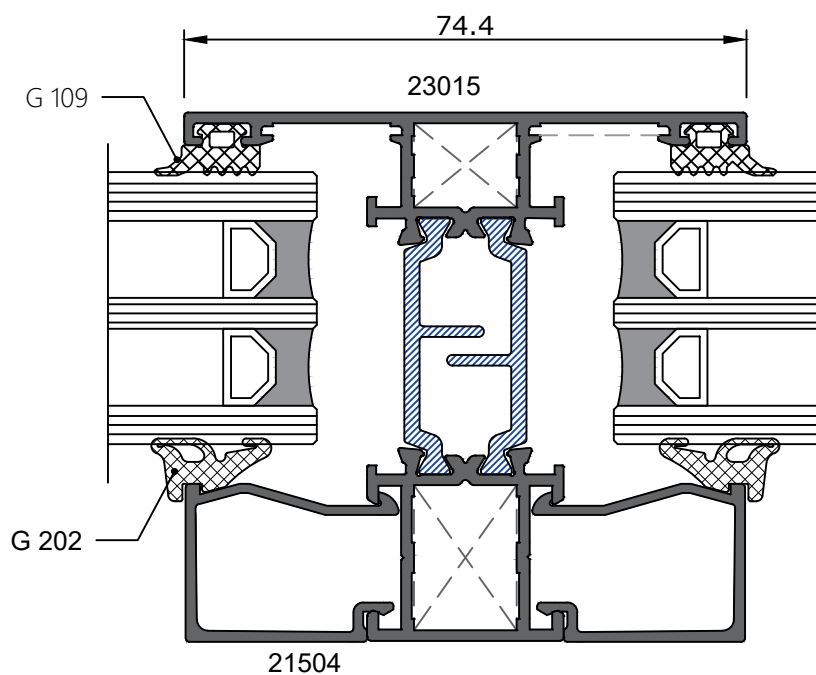
 PVC

 EPDM

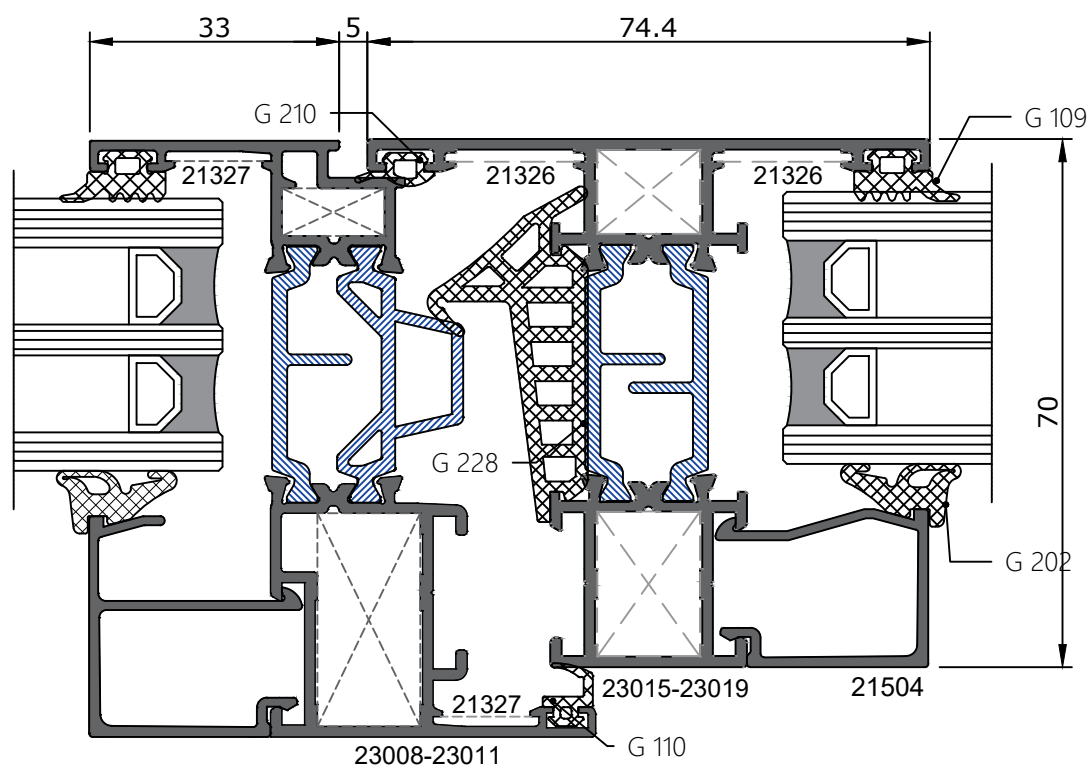
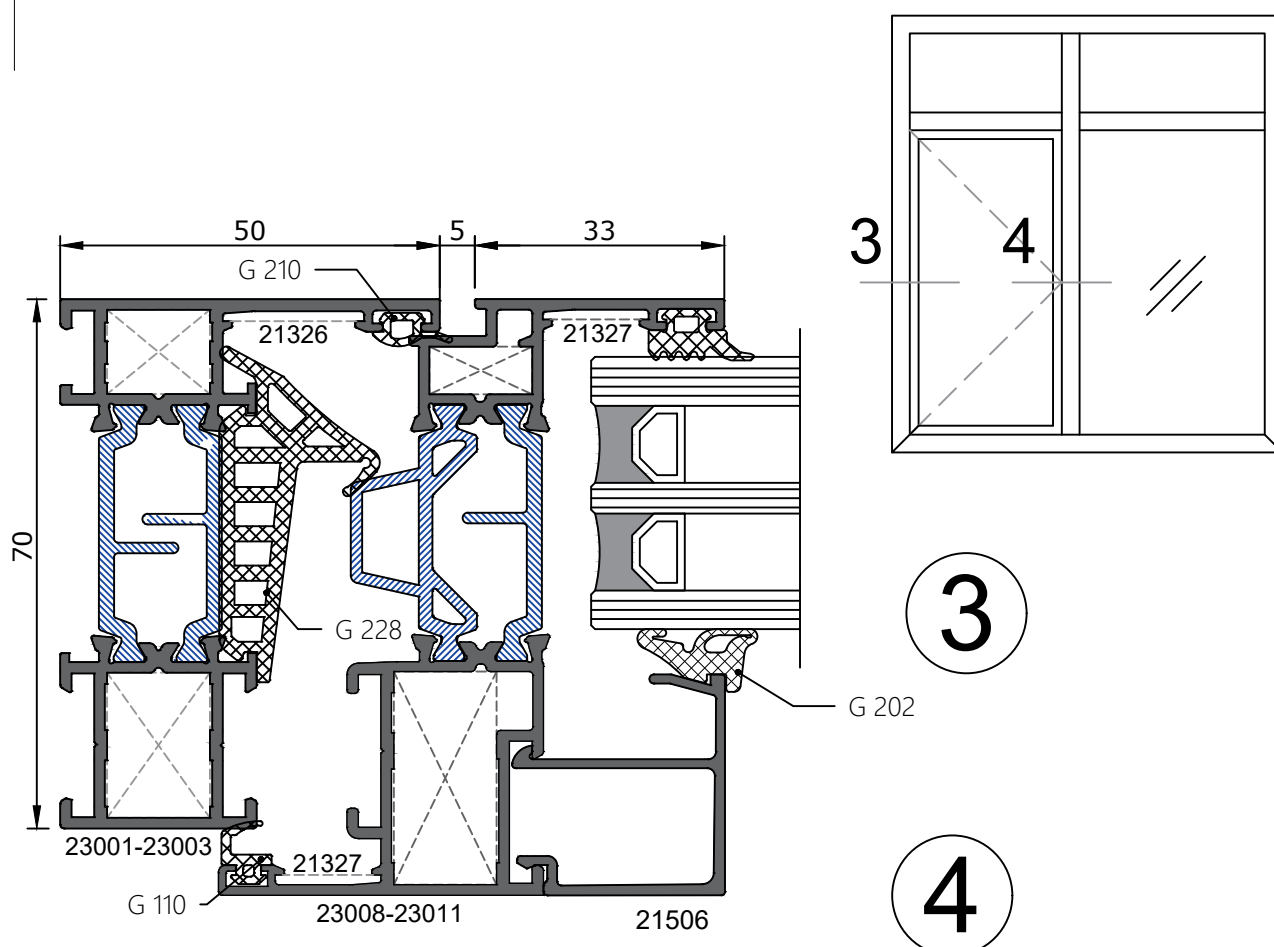
 Sponge

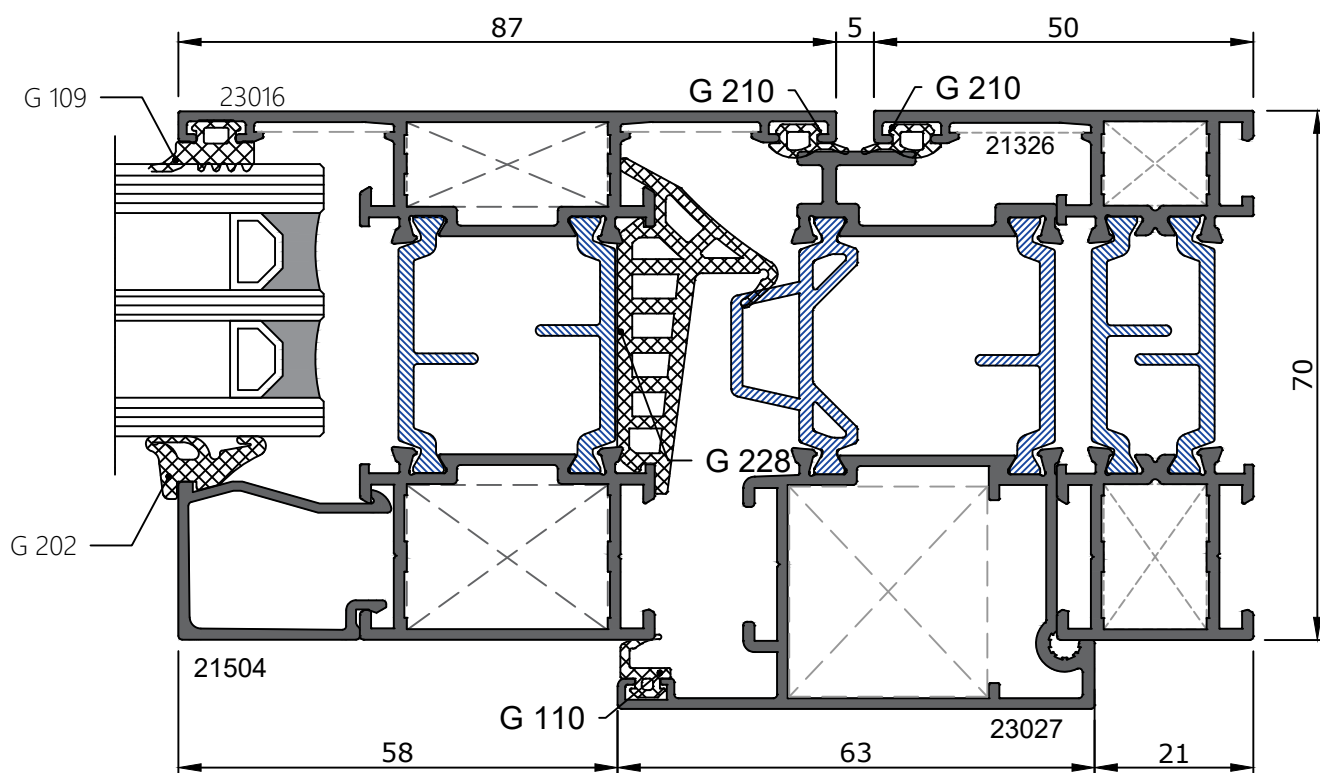
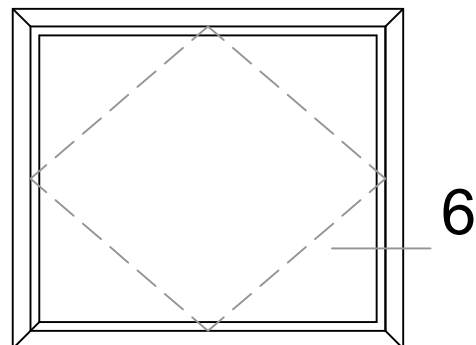


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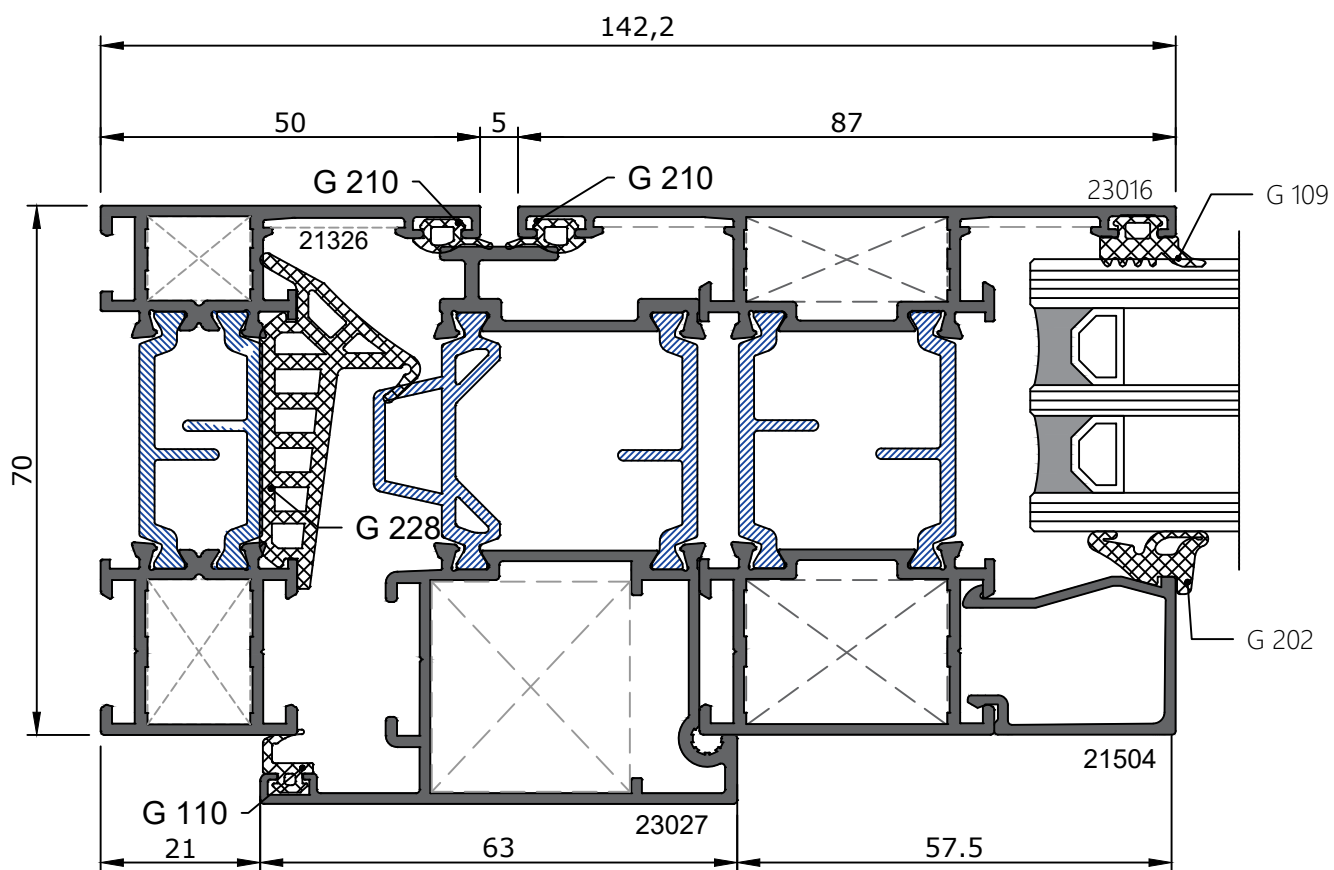
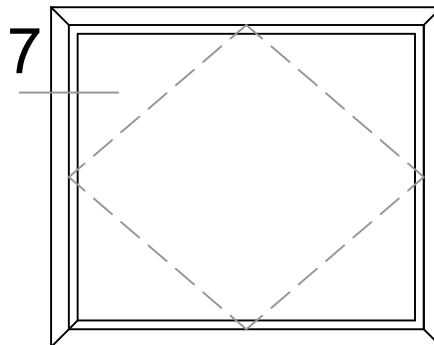


2





6



7

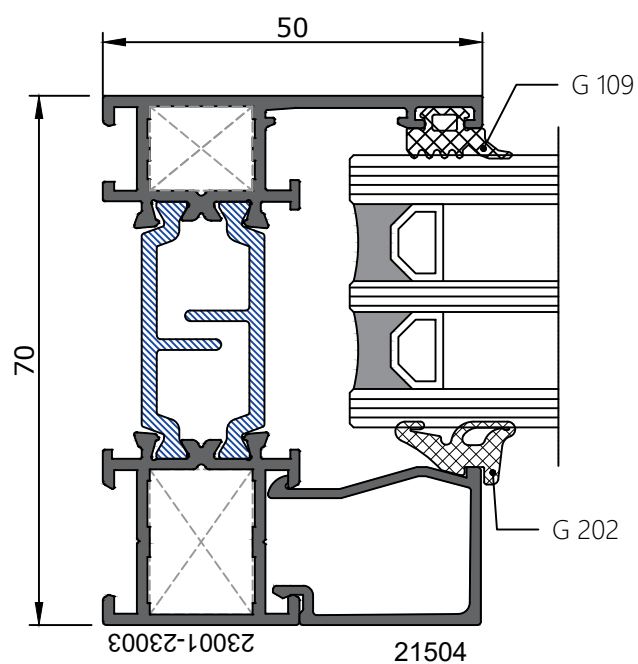
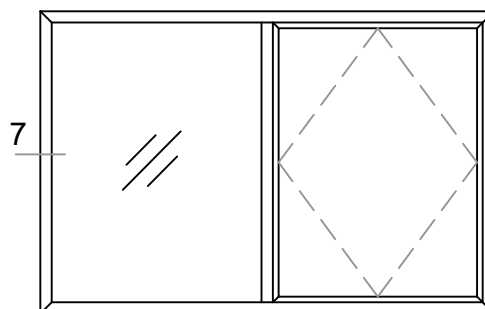
HATCH GUIDE : ● Aluminium

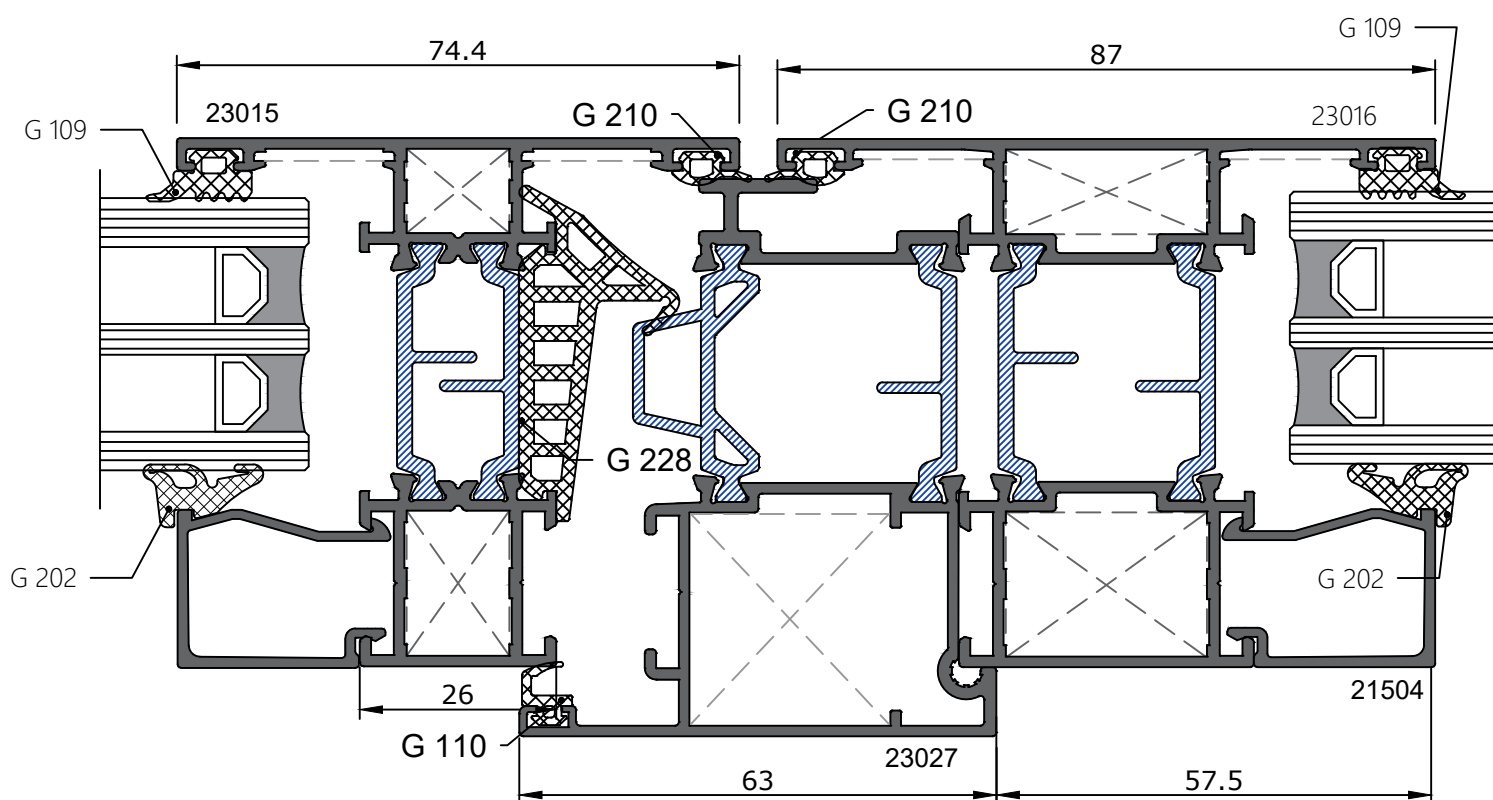
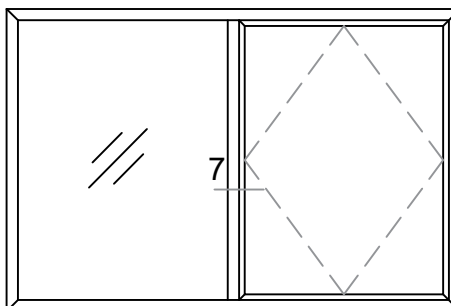
● PolyAmid

● PVC

● EPDM

● Sponge





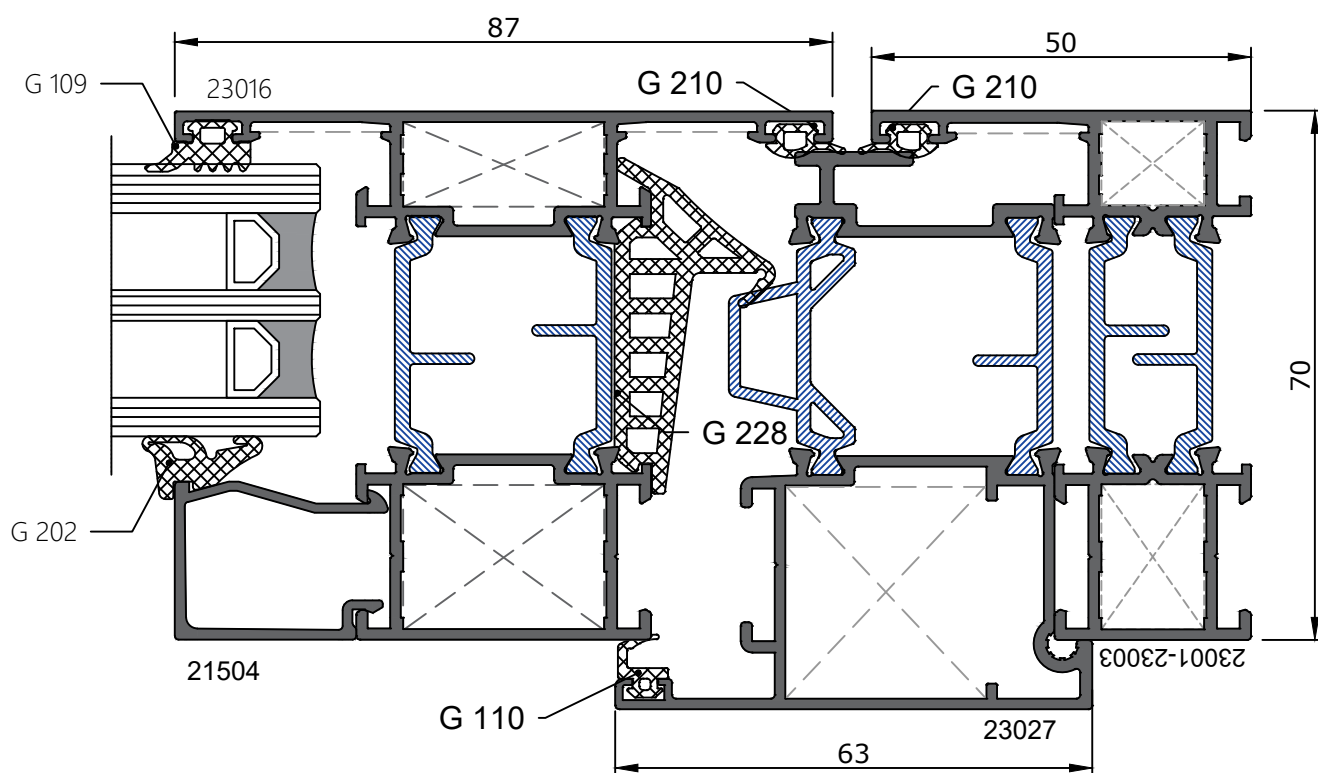
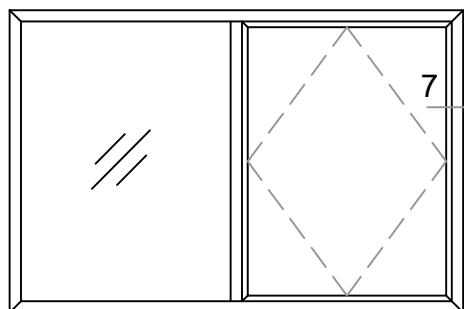
HATCH GUIDE :  Aluminium

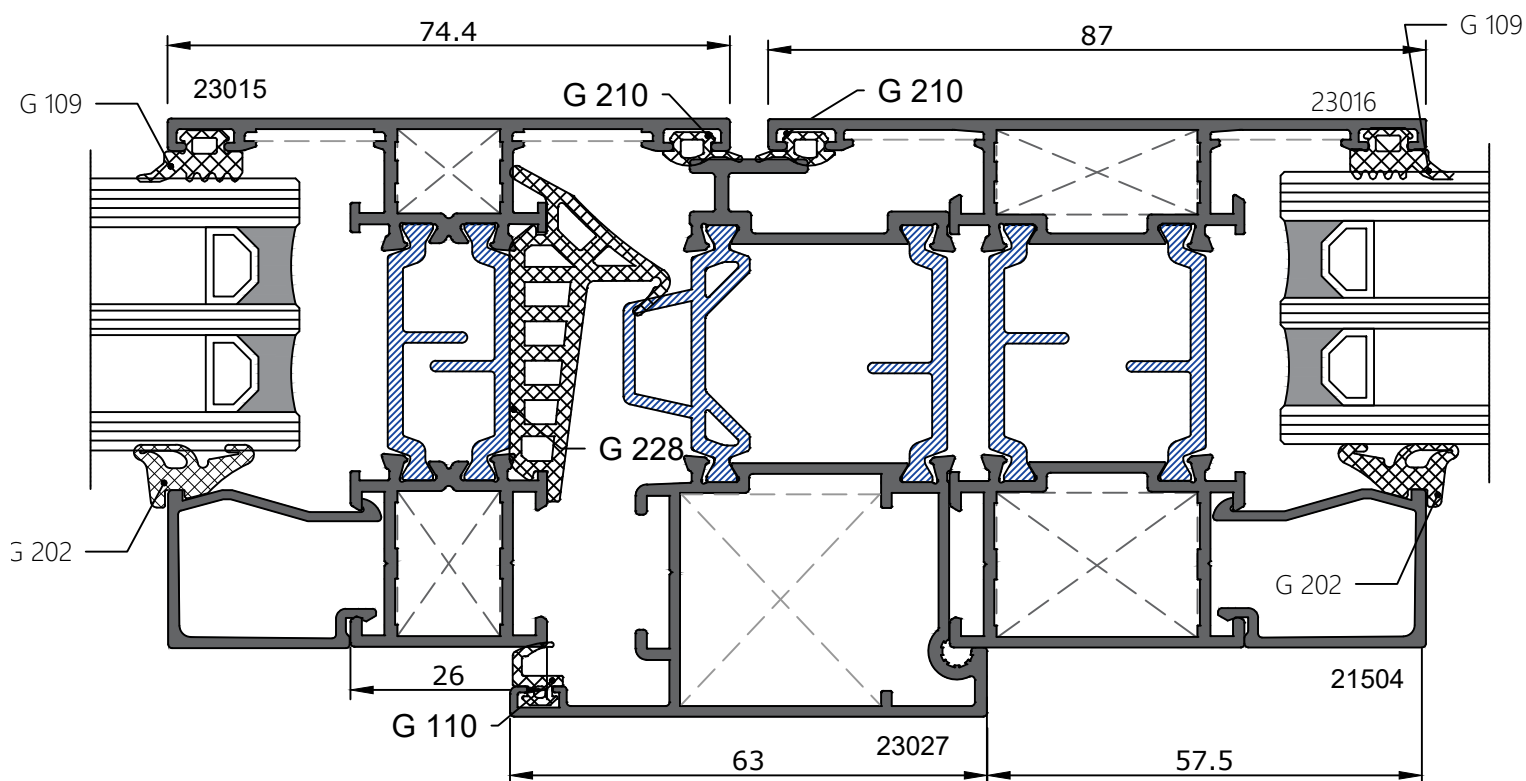
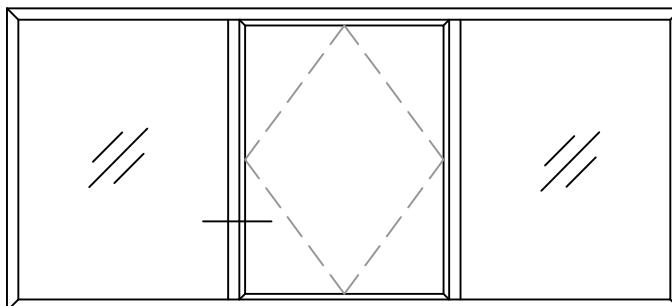
 PolyAmid

 PVC

 EPDM

 Sponge





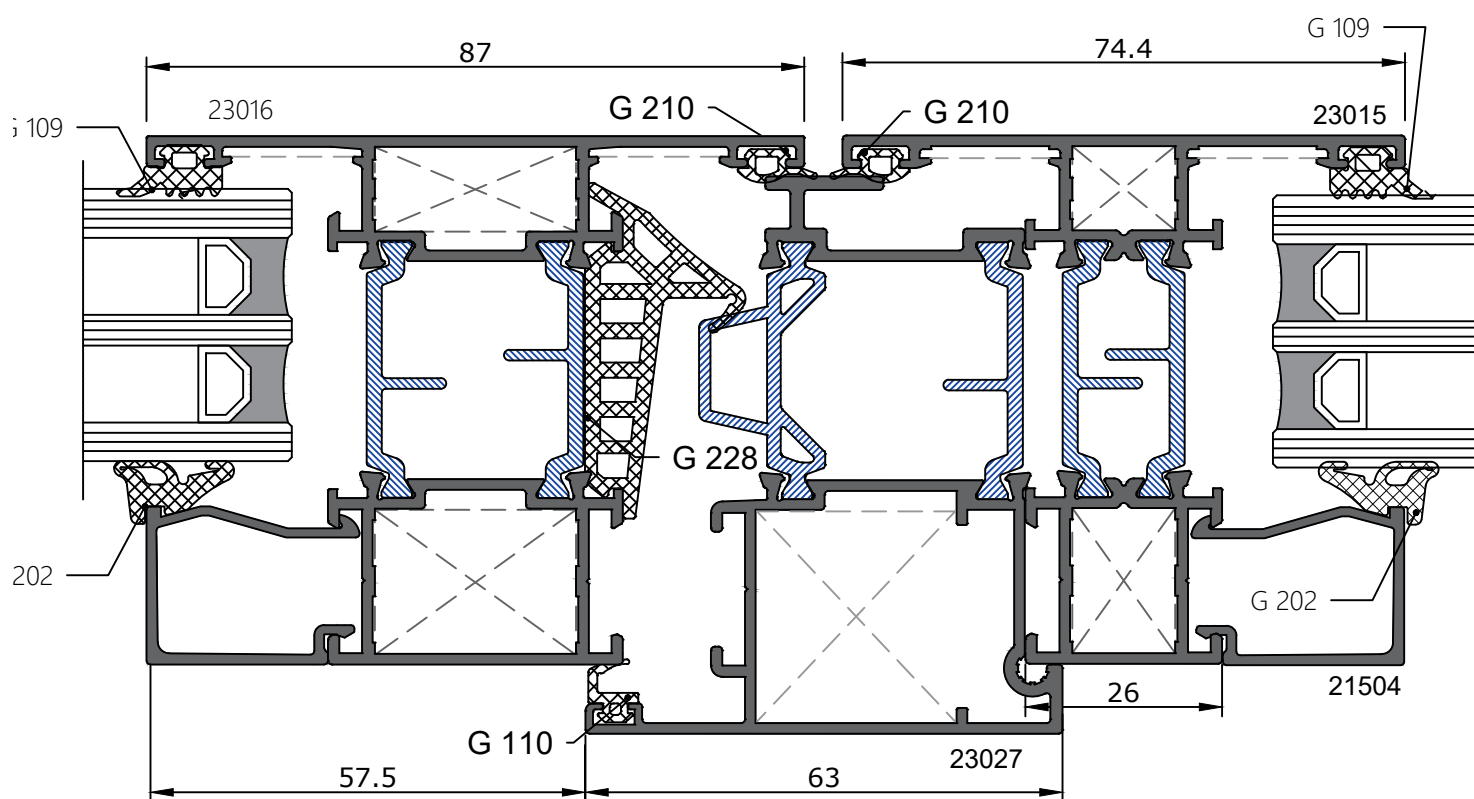
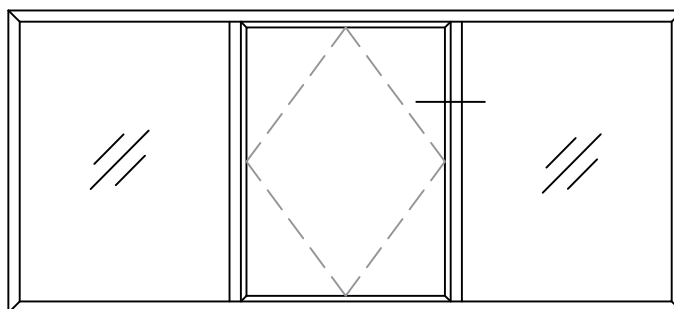
HATCH GUIDE : ● Aluminium

▨ PolyAmid

● PVC

▨ EPDM

▨ Sponge



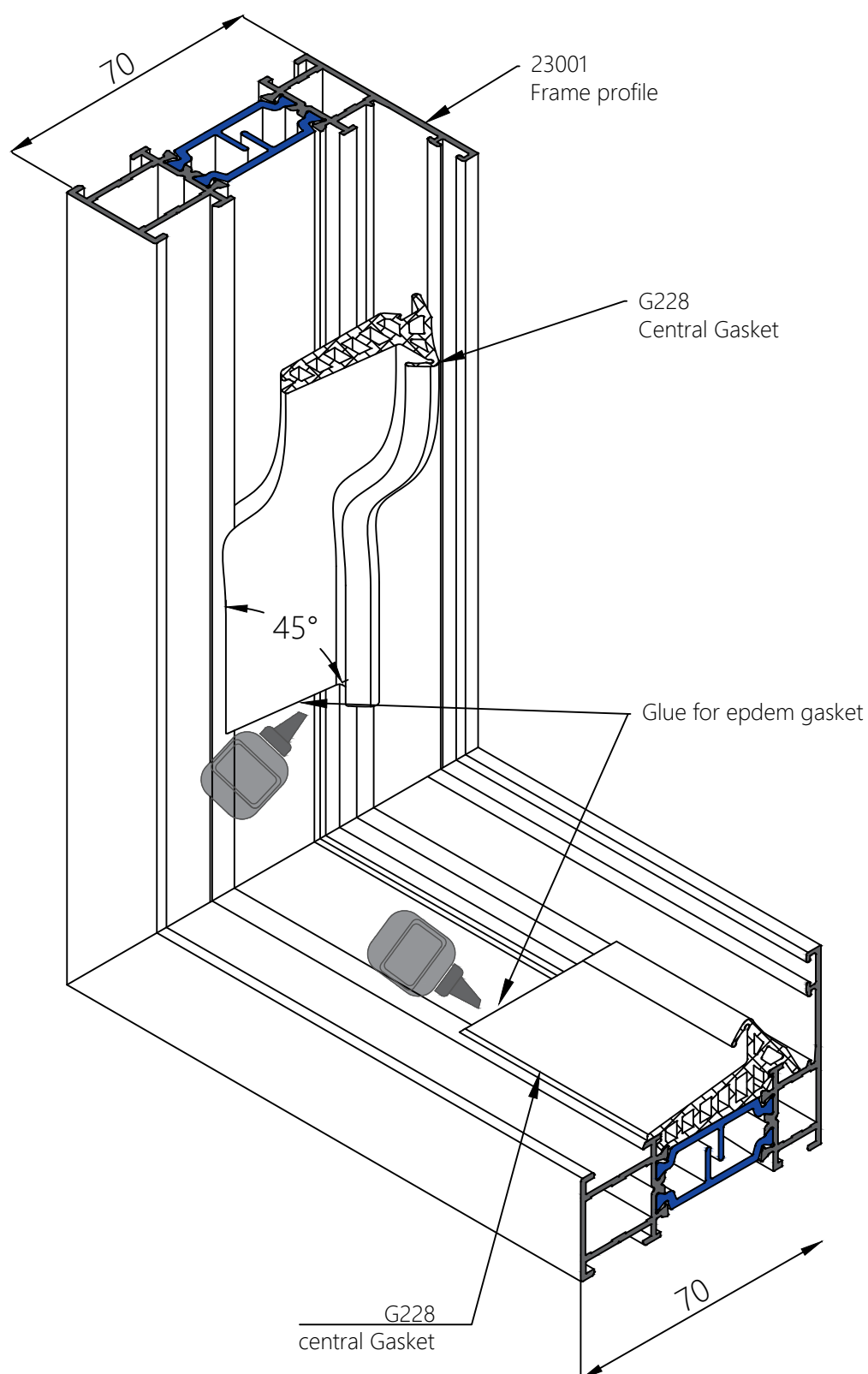
HATCH GUIDE :  Aluminium

 PolyAmid

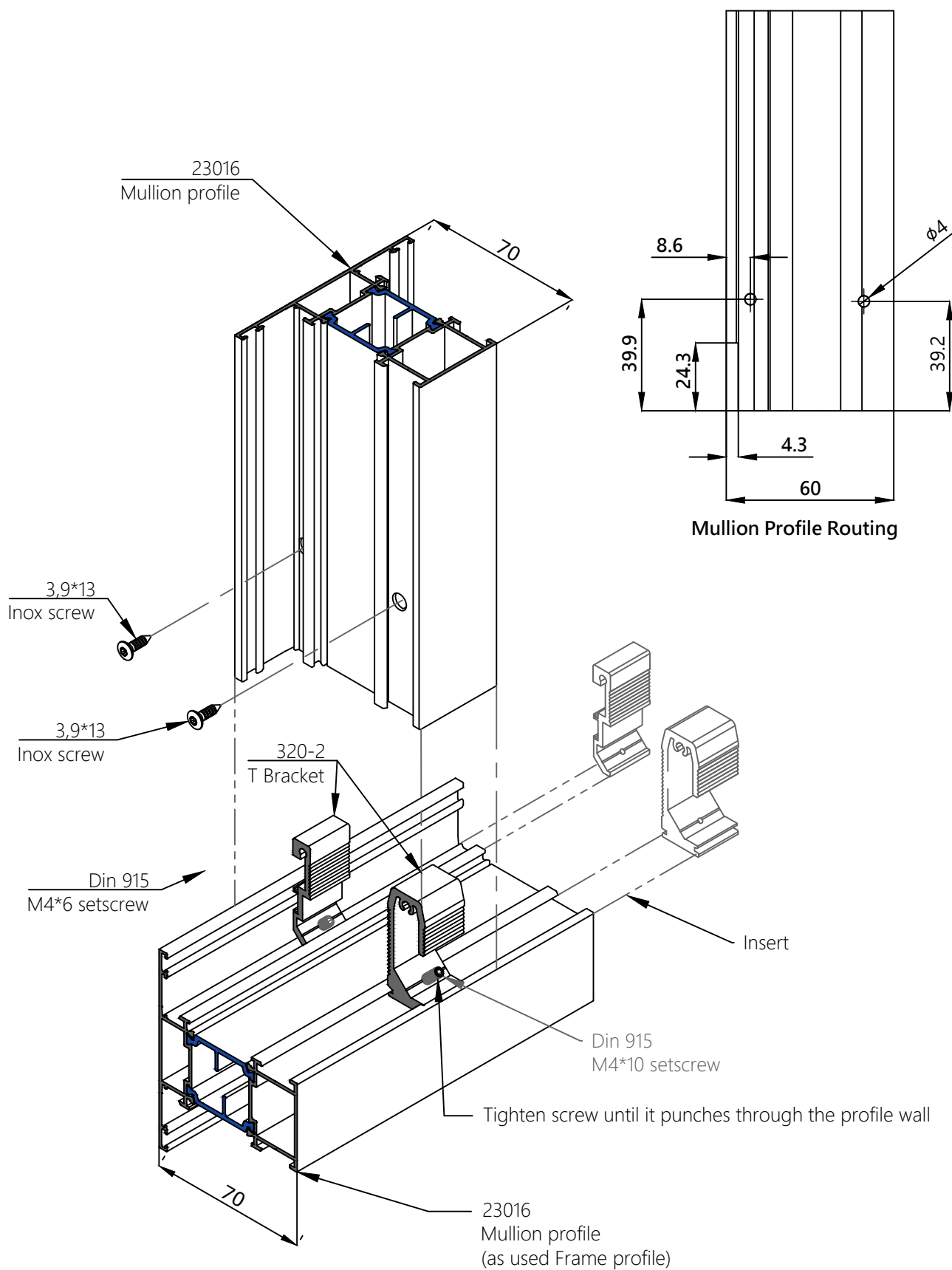
 PVC

 EPDM

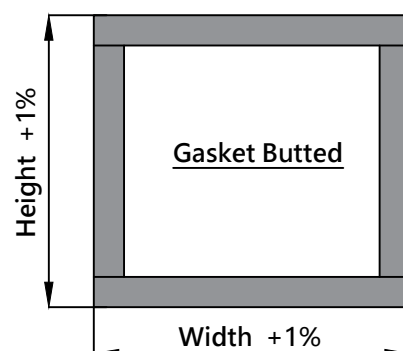
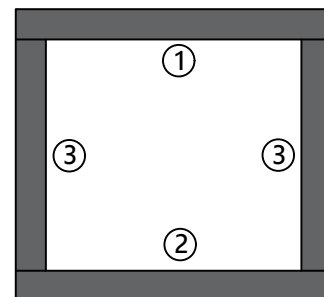
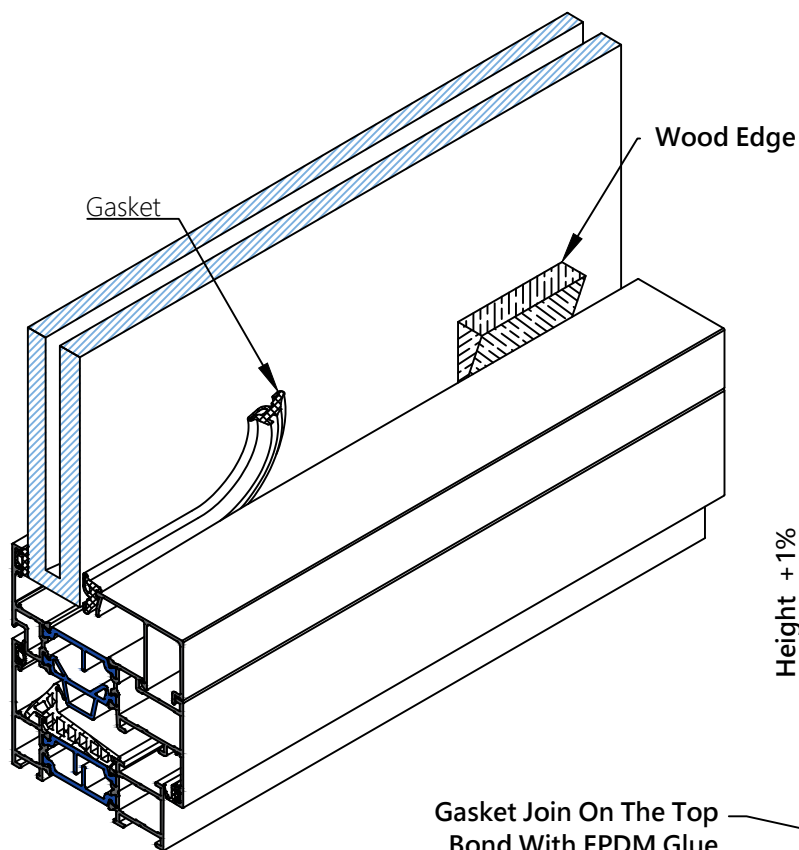
 Sponge



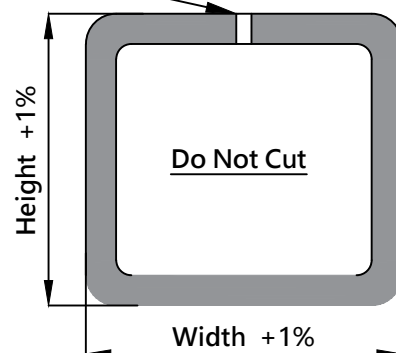
1. Correct cutting with shears
2. Necessary overhanging : $\pm 10\text{mm/m}$
3. Applying central gasket and compressing overhanging
4. Gluing miters by means of glue for corner connections



Glazing Bead Assembly Sequence



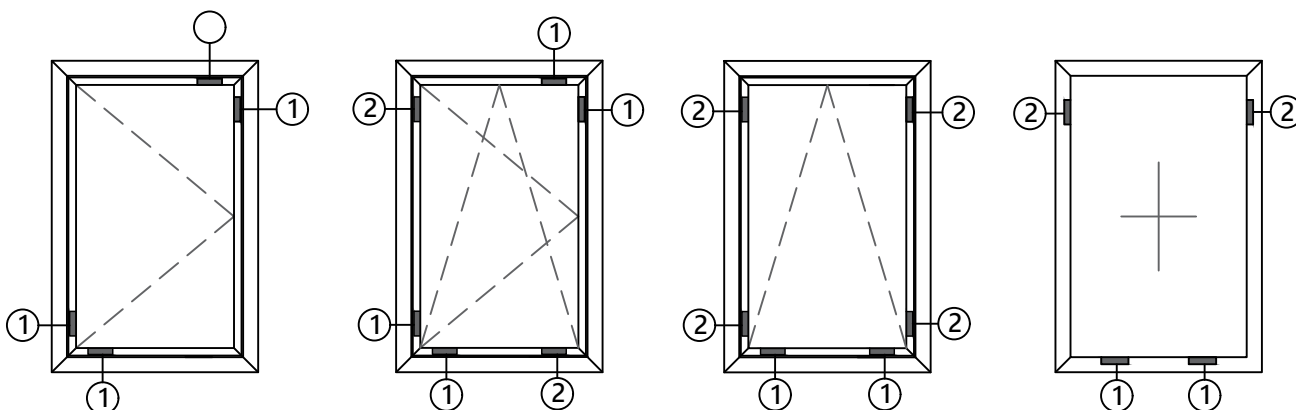
Gasket Join On The Top
, Bond With EPDM Glue

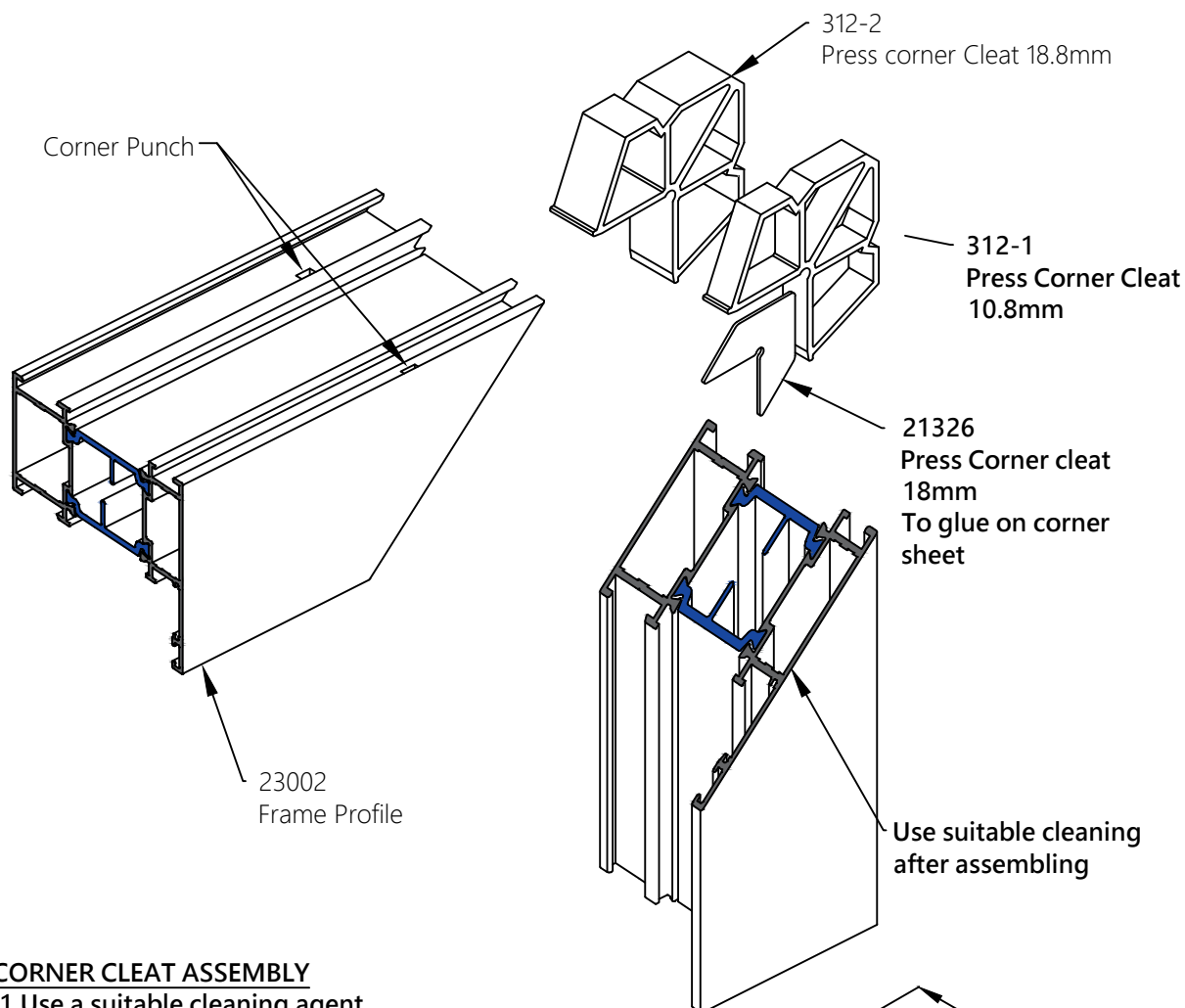


The Pane Must Be Shimmed In The Sash So That The Sash Operates Without Adjustment Of The Hardware.

SHIMMING INSTRUCTIONS

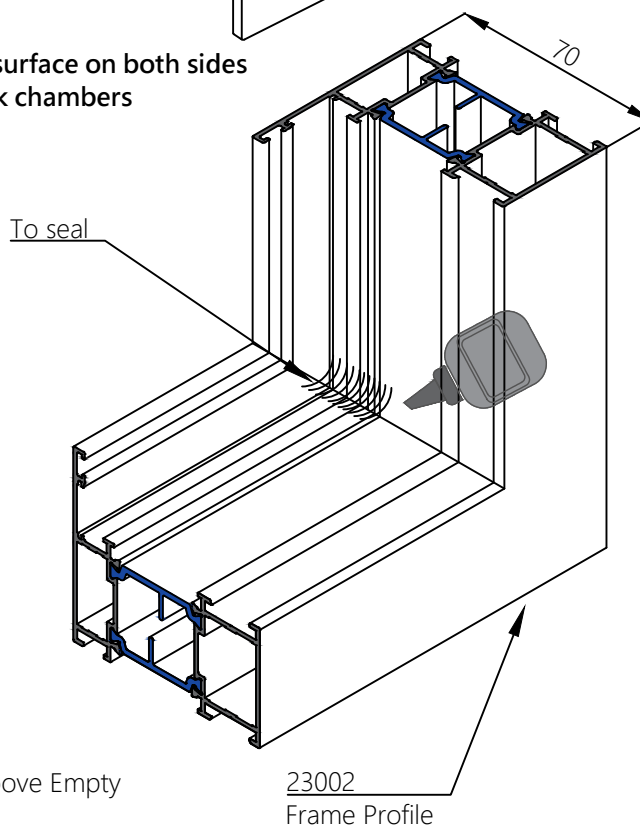
○ SUPPORTING SHIM ○ Distance shim



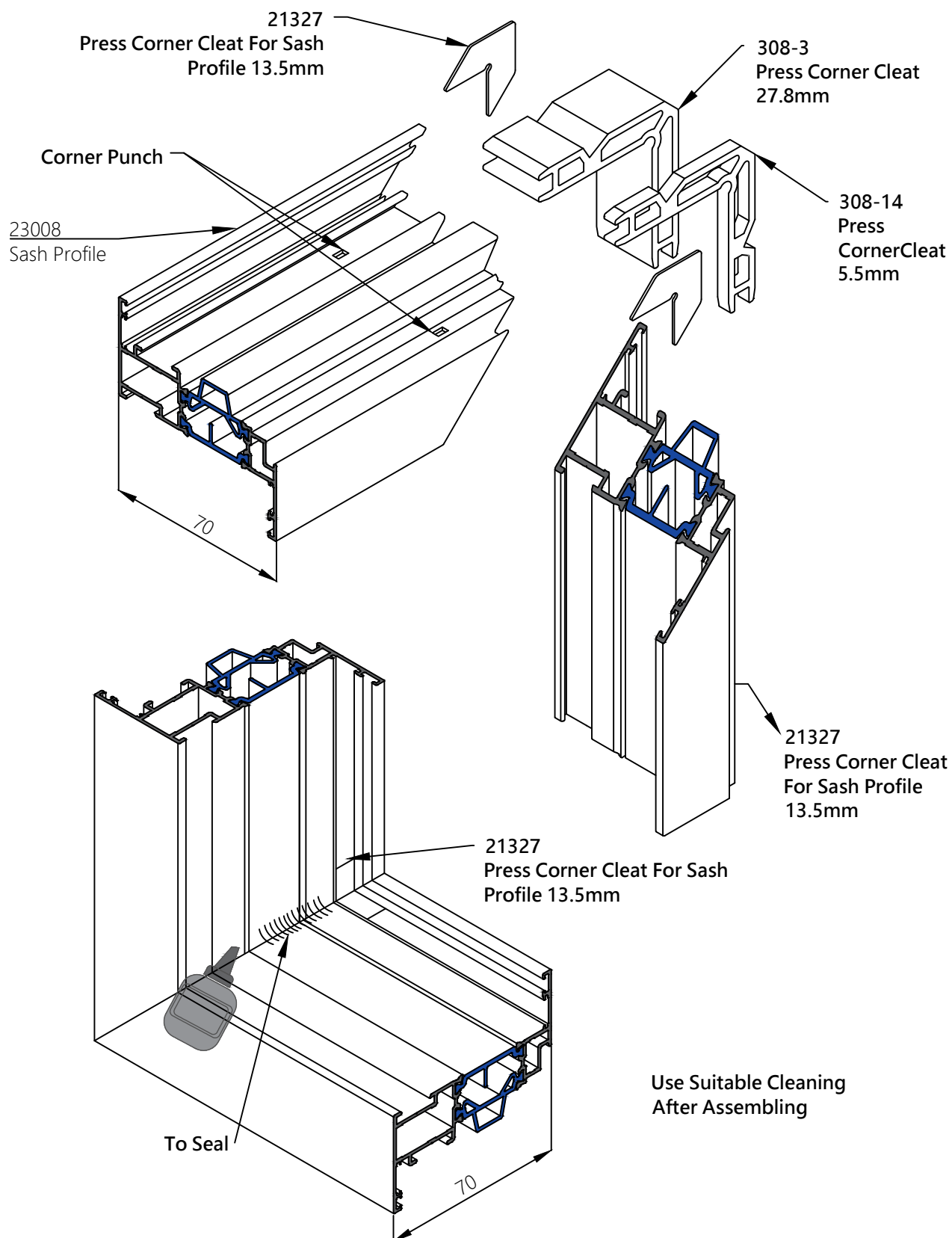


CORNER CLEAT ASSEMBLY

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

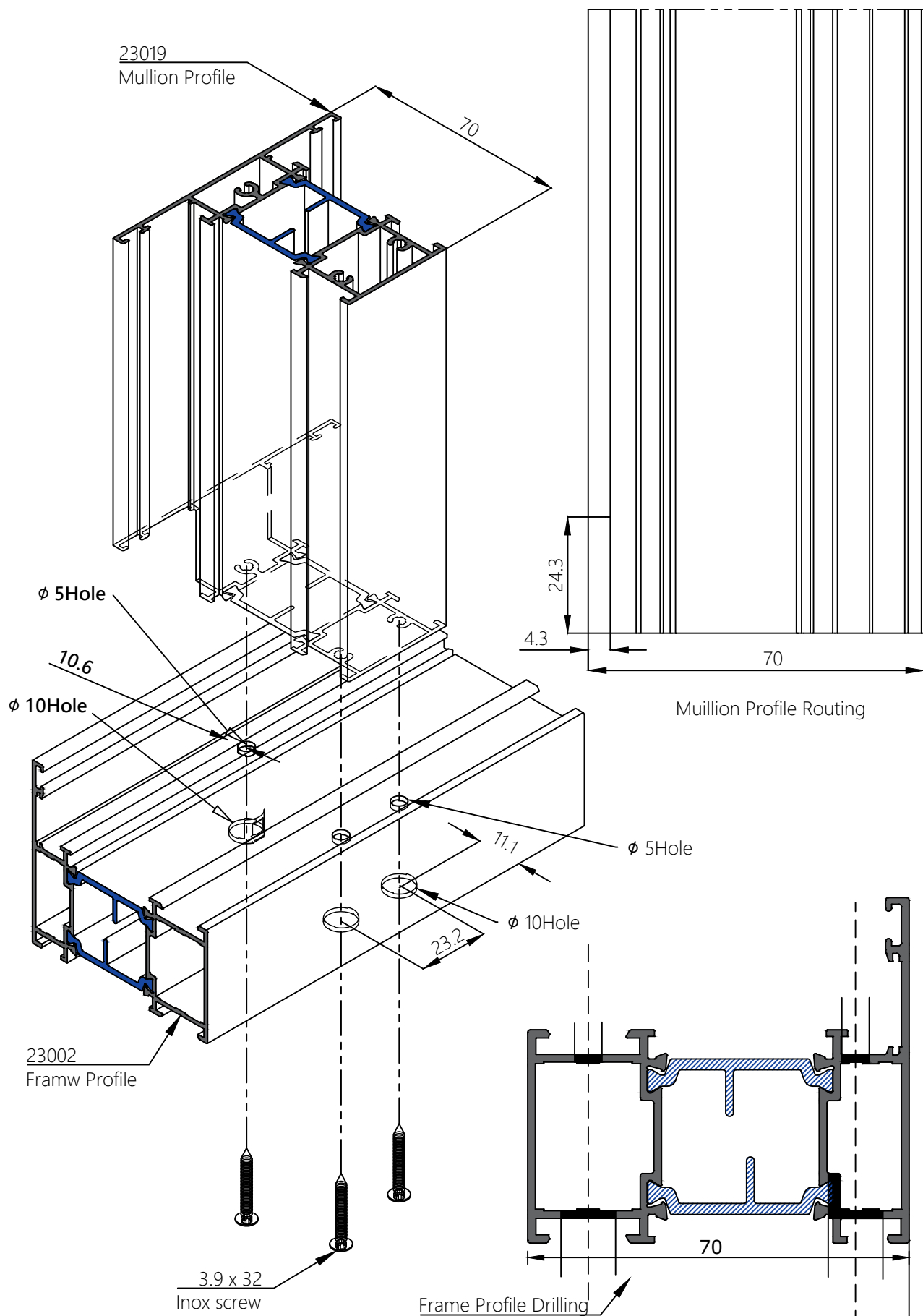


When Using Sentra Gasket, Leave The Groove Empty



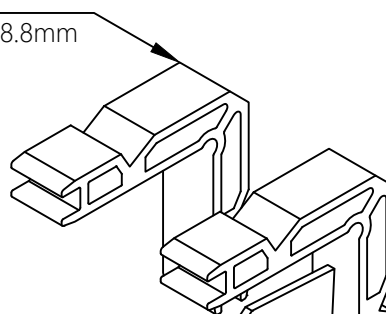
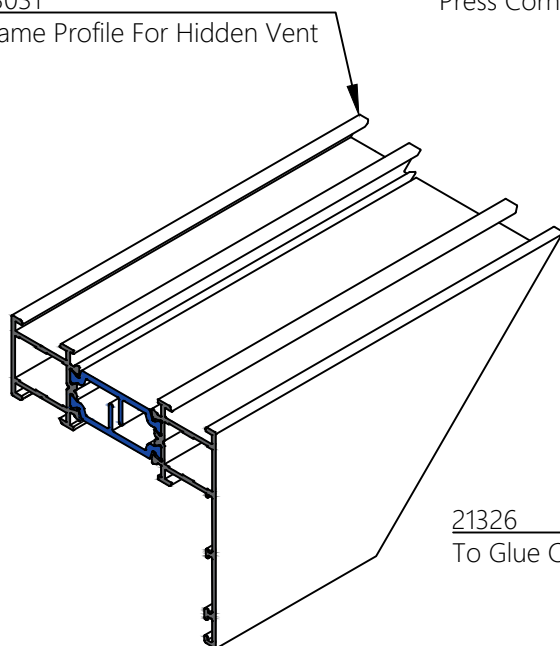
CORNER CLEAT ASSEMBLY

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



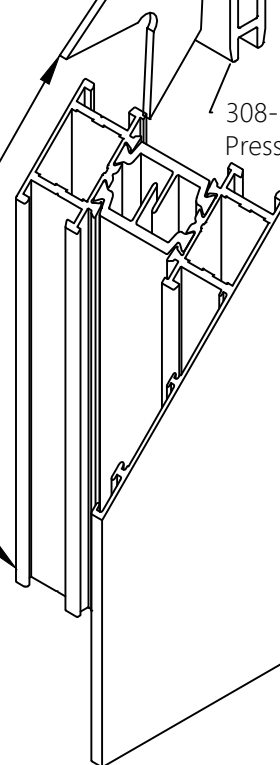
23031
Frame Profile For Hidden Vent

308-2
Press Corner Cleat 18.8mm

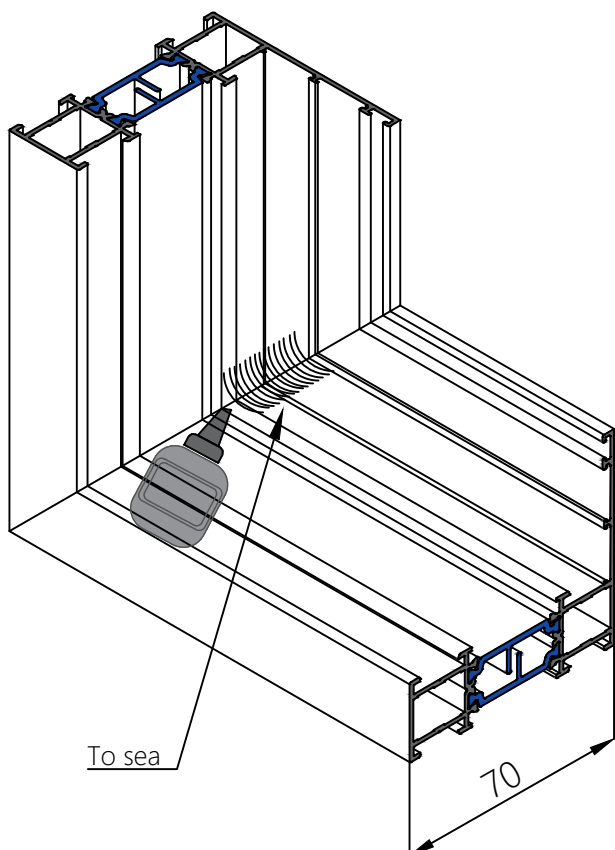


21326
To Glue On Corner Sheet

308-5
Press Corner Cleat 27.4mm



Use Suitable Cleaning After Assembling



23031
Frame Profile For Hidden Vent

* When Using The Central Gasket, Leave The Groove Empty

To sea

70

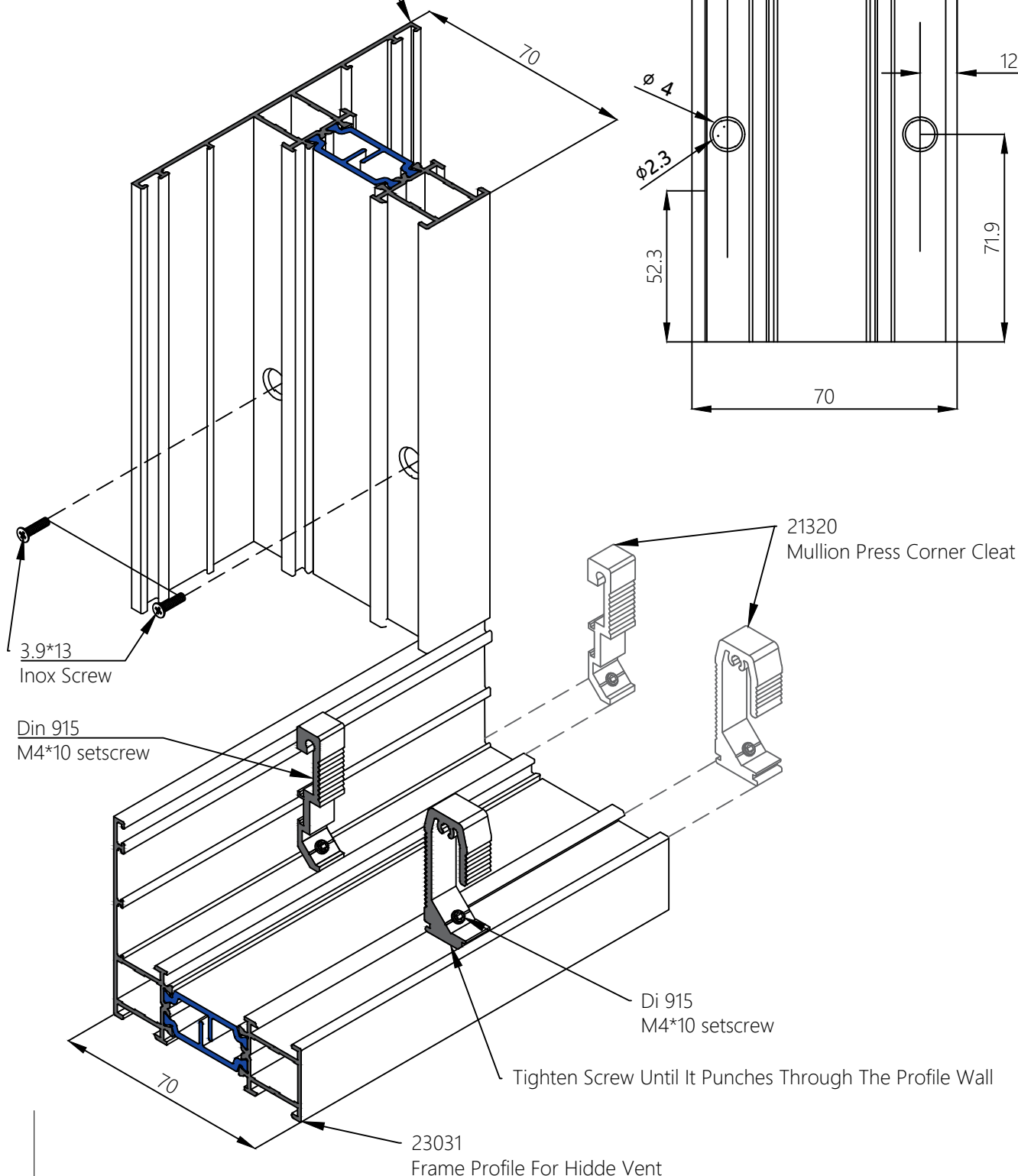
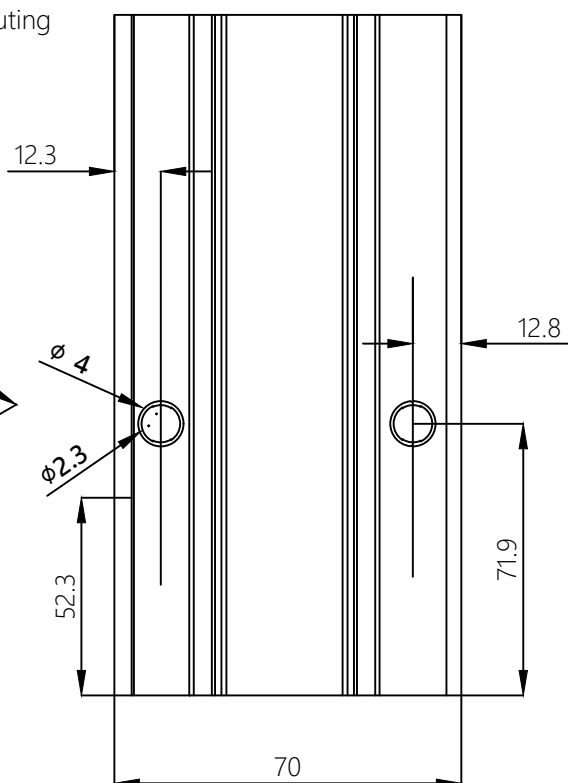
CORNER CLEAT ASSEMBLY

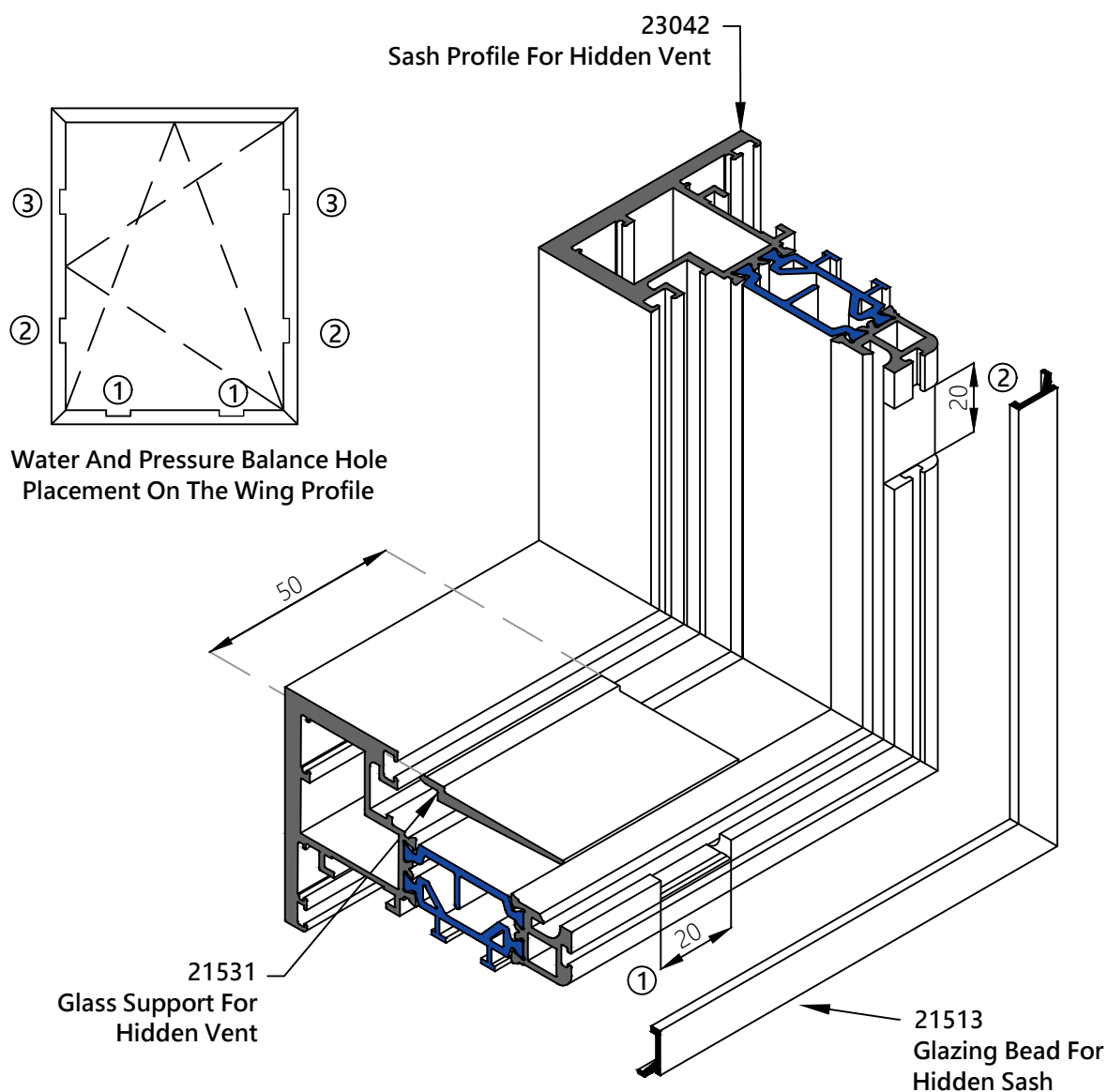
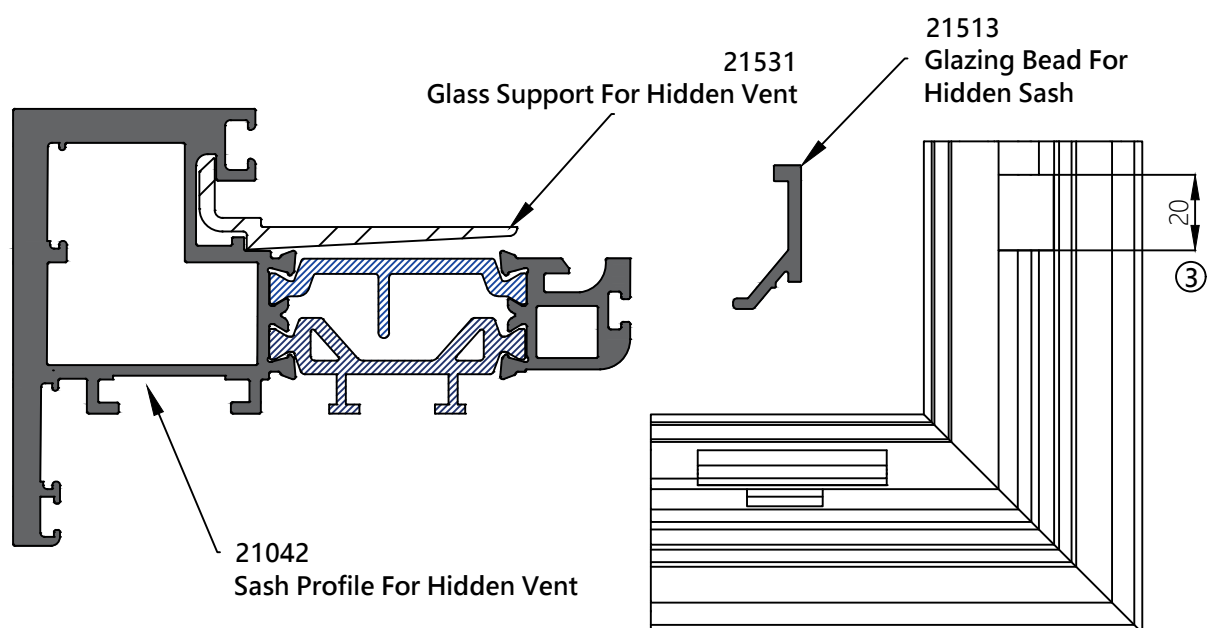
1. Use a suitable cleaning agent
2. Apply joint paste or glue, on cutting surface on both sides
3. Inject adhesive into the front and back chambers

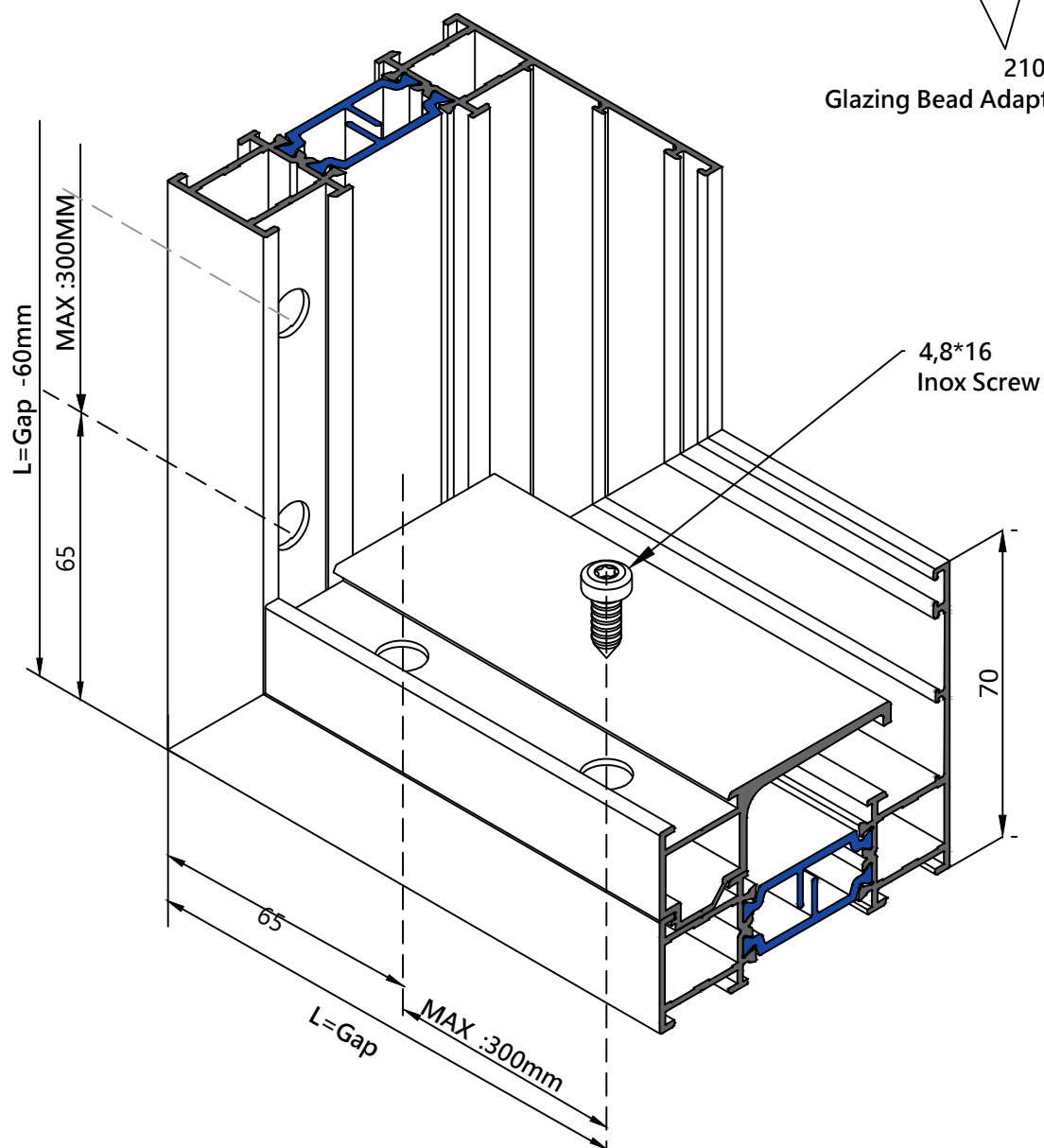
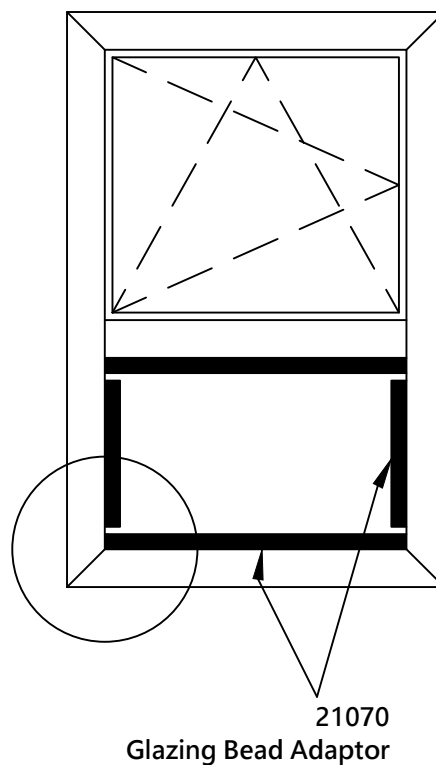
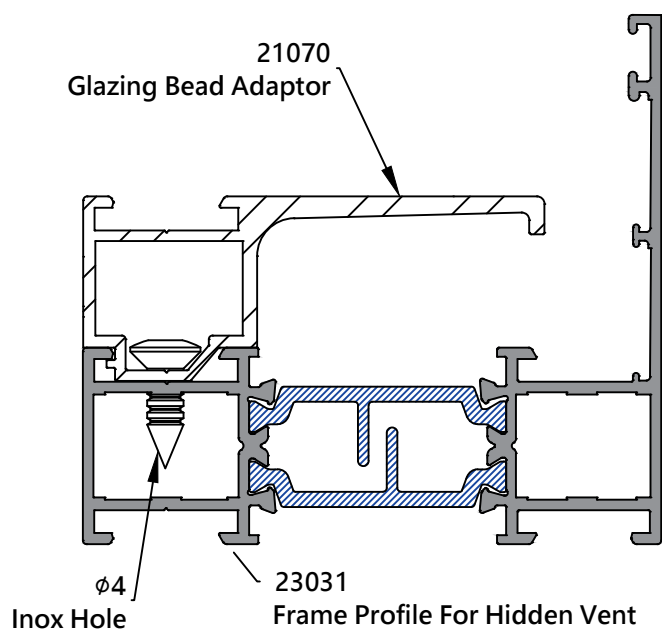
Mullion Profile Routing

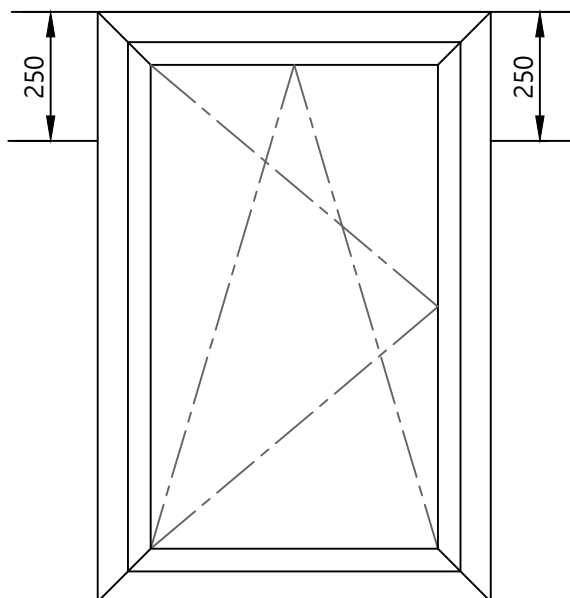
23033

Mullion Profile For Hidden Vent

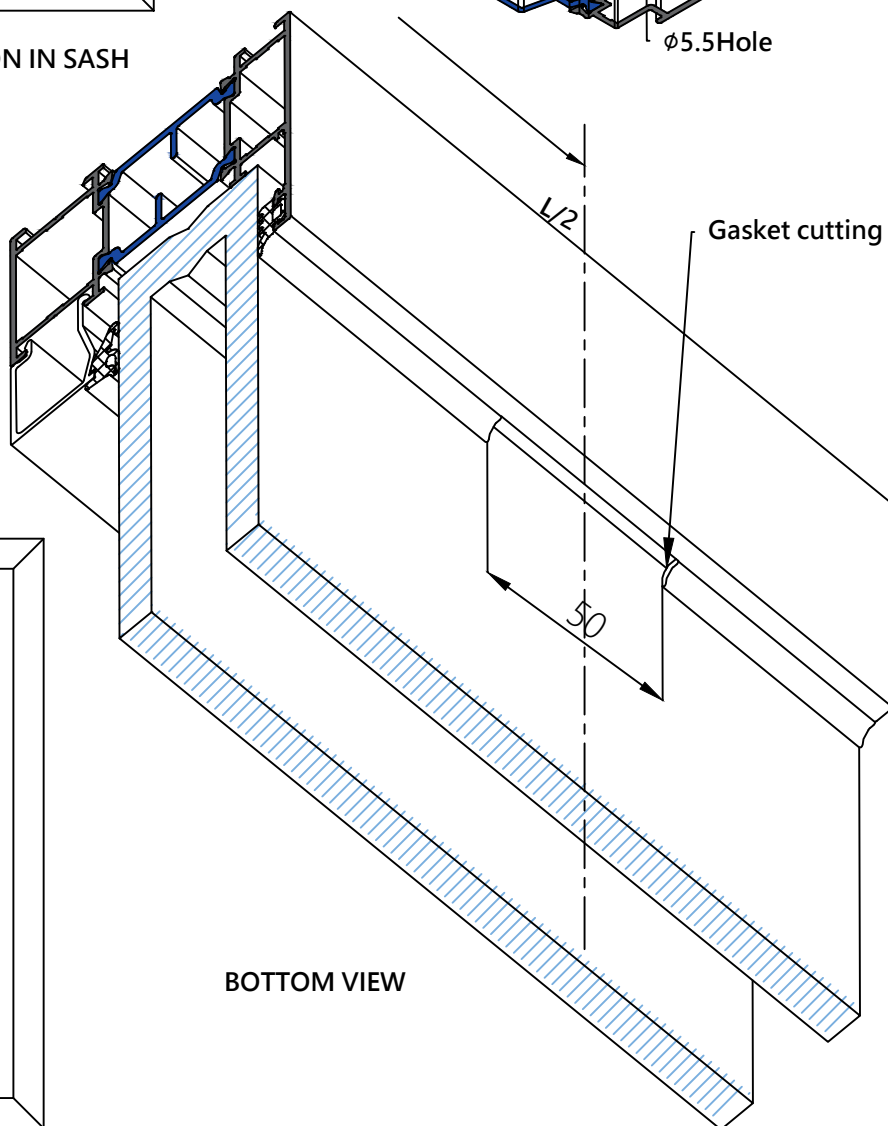
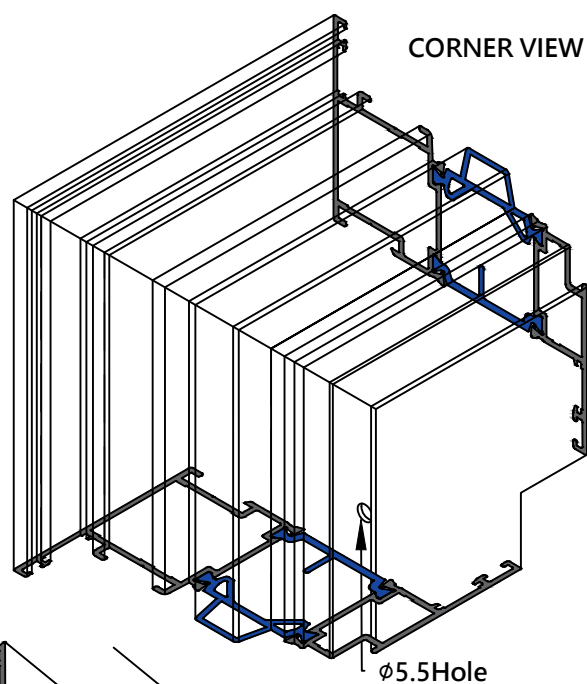




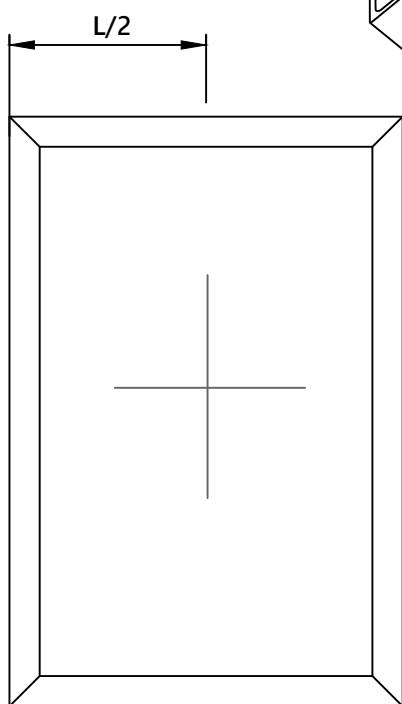




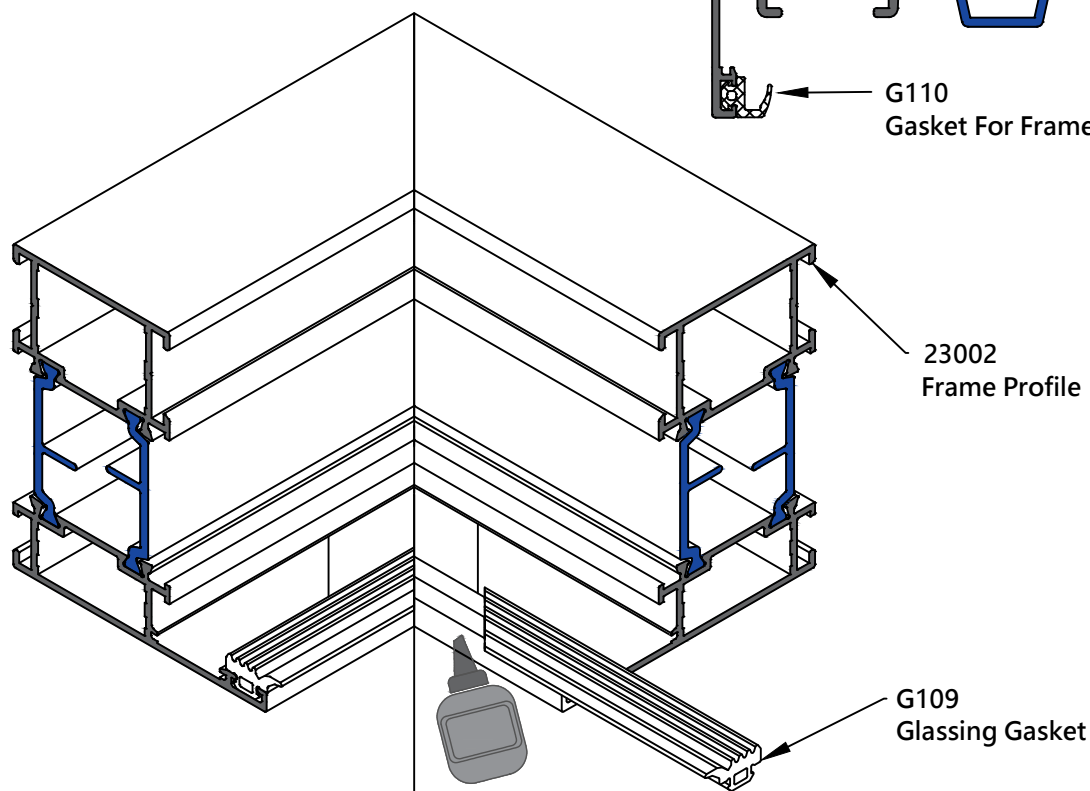
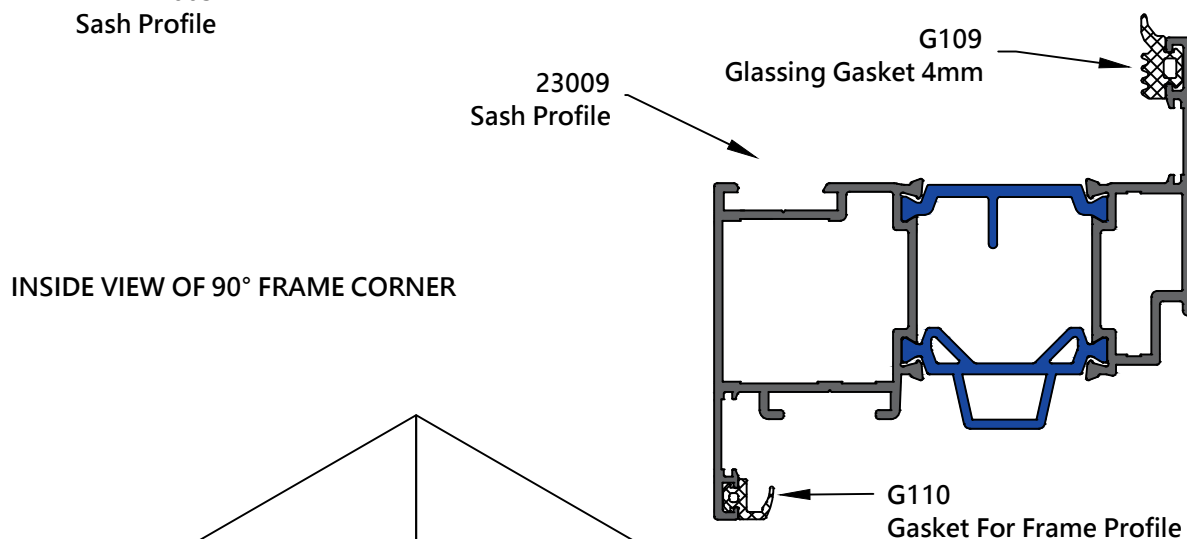
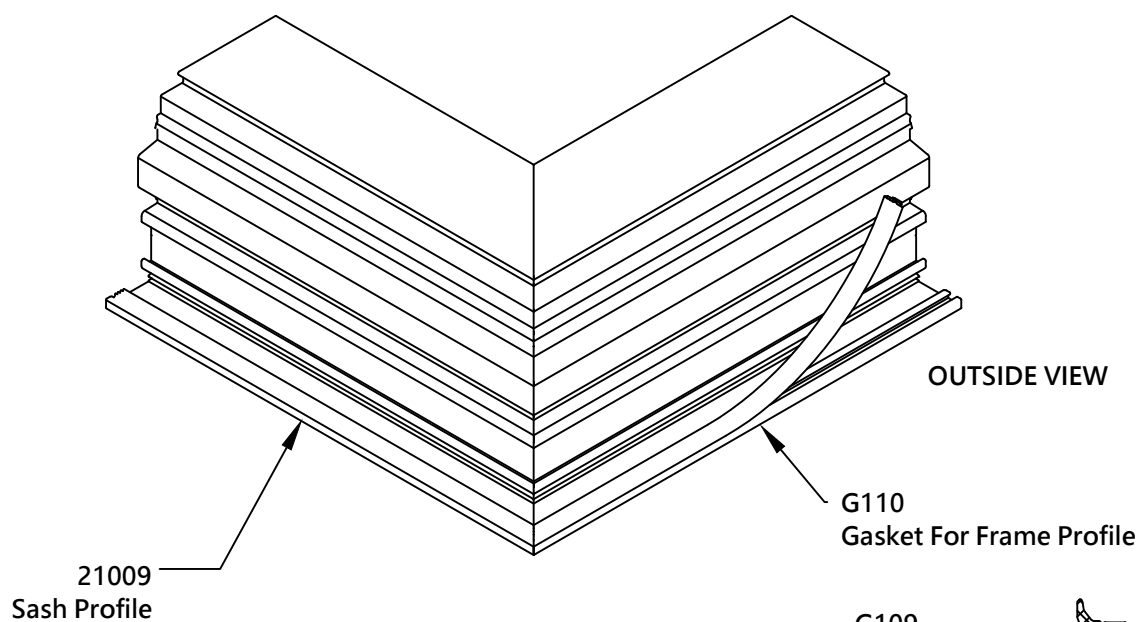
DECOMPRESSION IN SASH



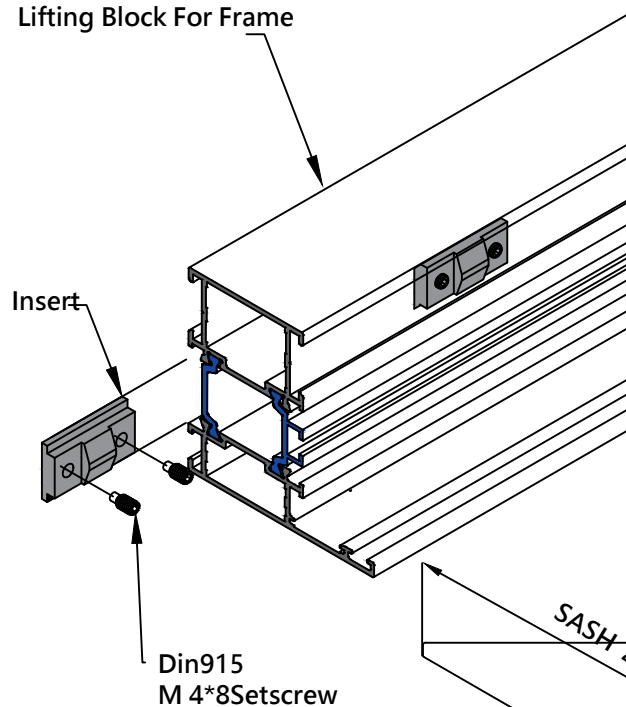
BOTTOM VIEW



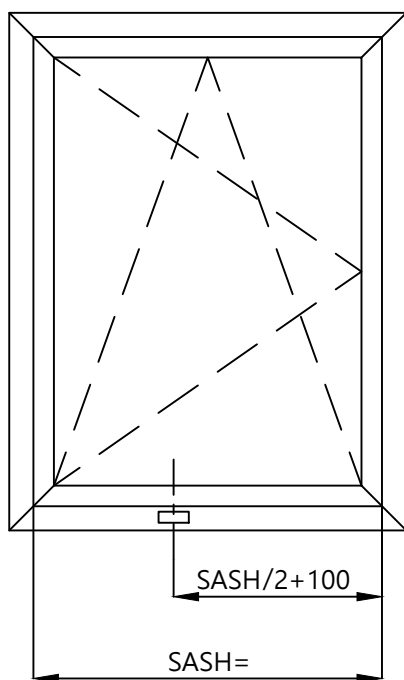
DECOMPRESSION IN FIXED WINDOW



Lifting Block For Frame



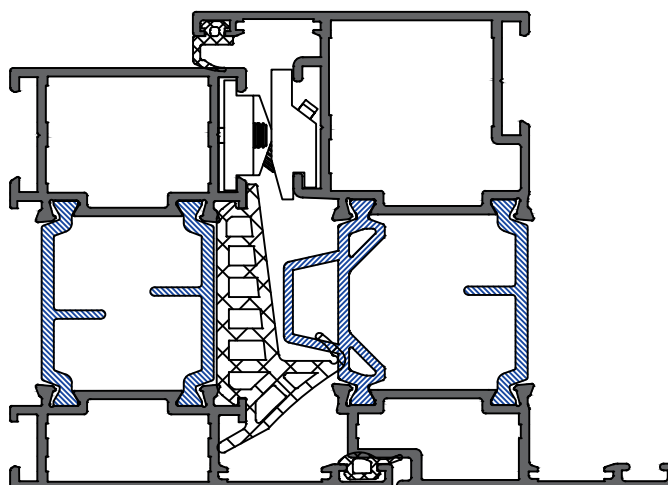
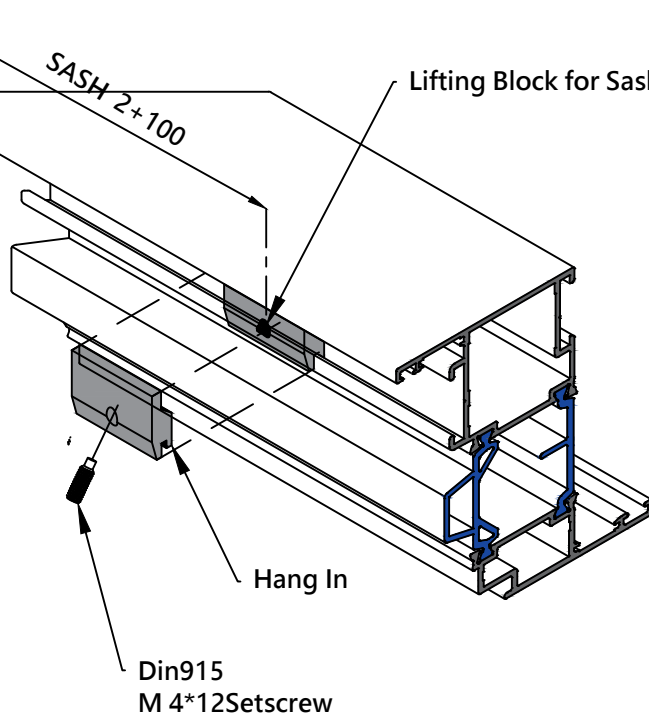
* Tighten Screw Until It Punches Through The Profile Wall

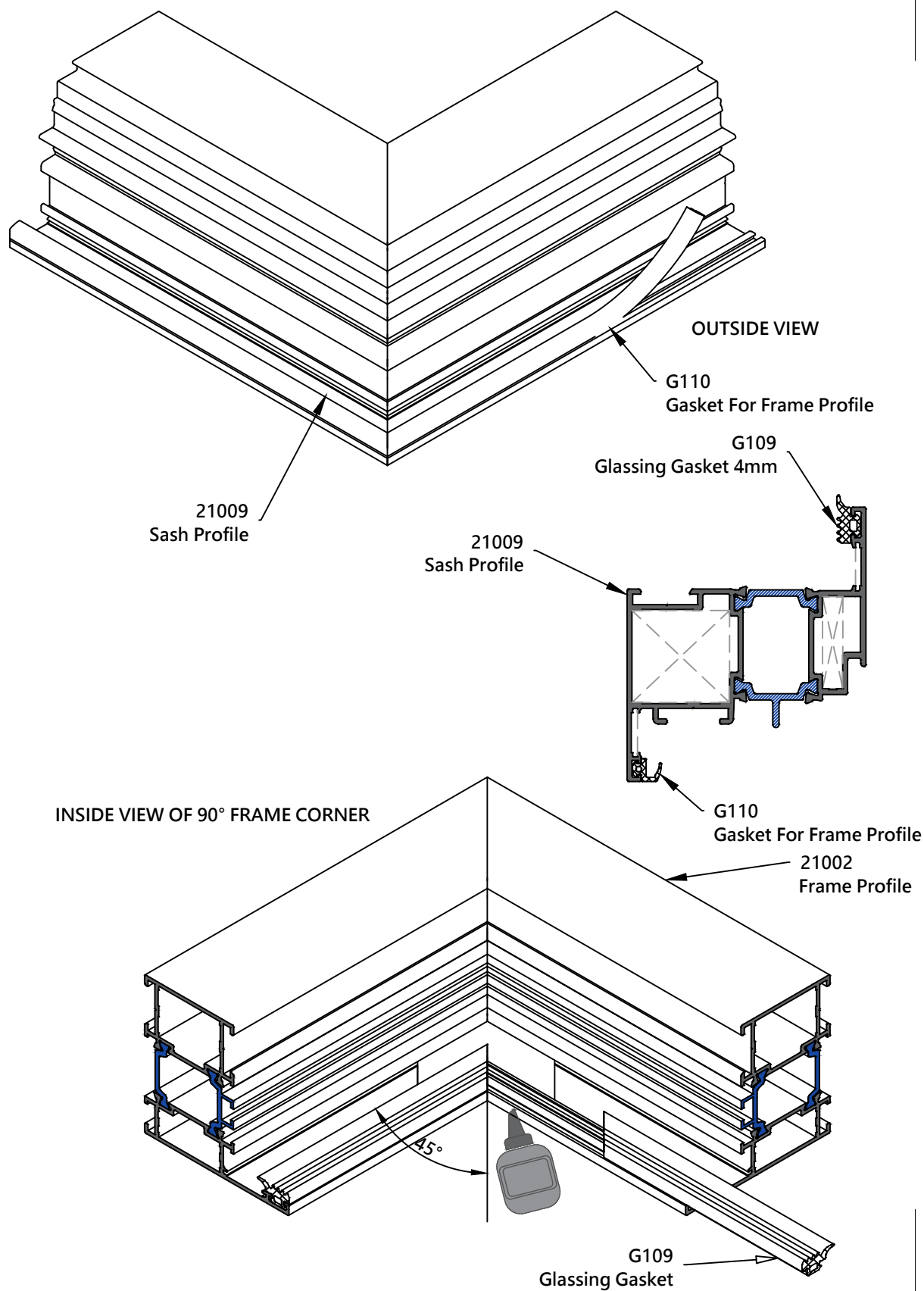


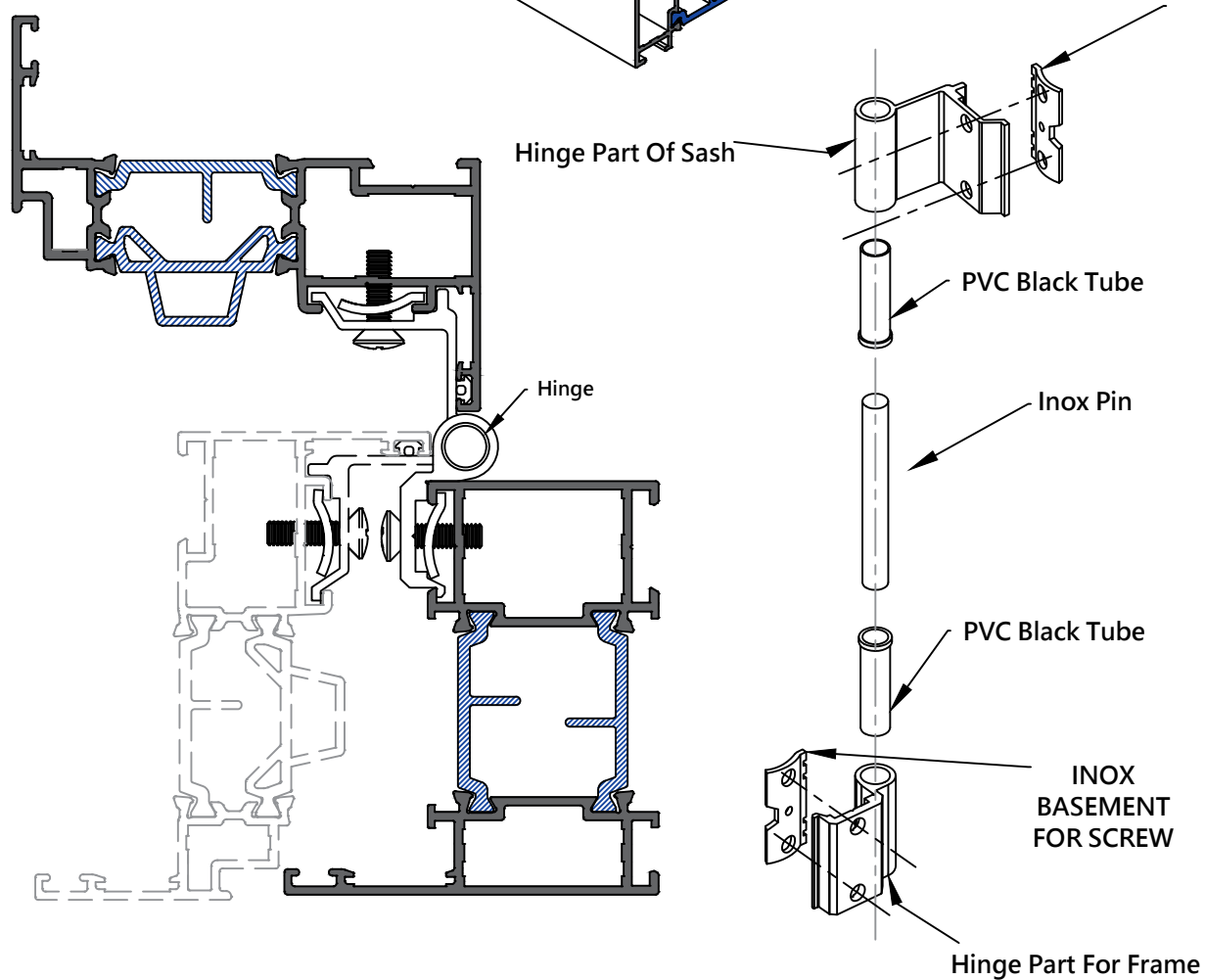
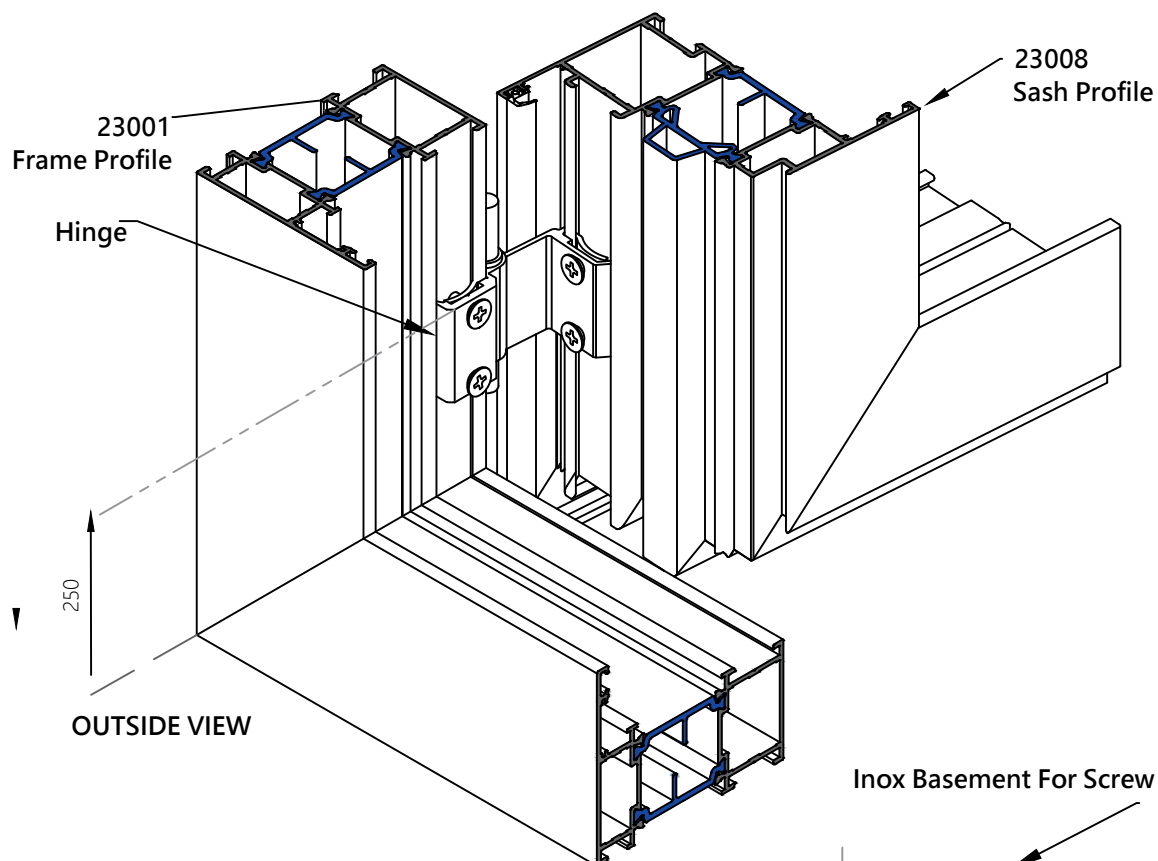
OUTSIDE VIEW
For All Accessories: If SASH 1200 > mm

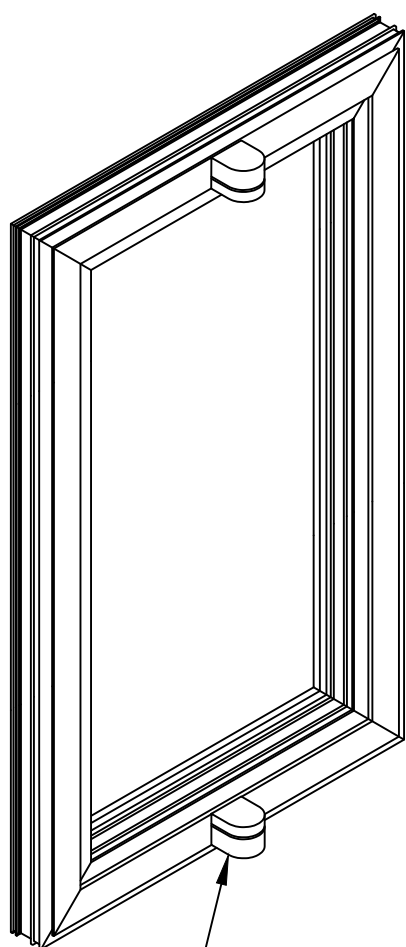
SASH 2+100

Lifting Block for Sash

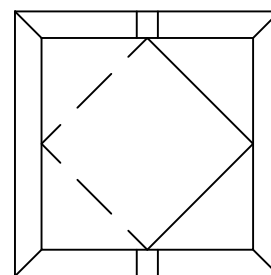
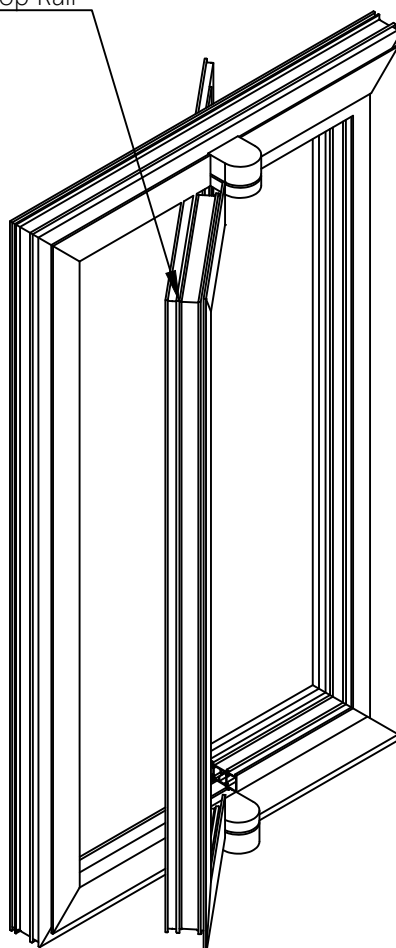








Top Rail

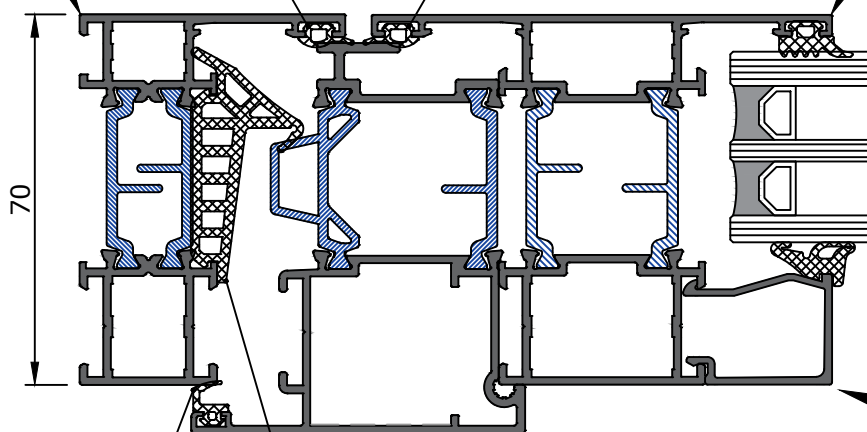


23001
Frame profile

G 210

G 210

23016
Mullion Profile

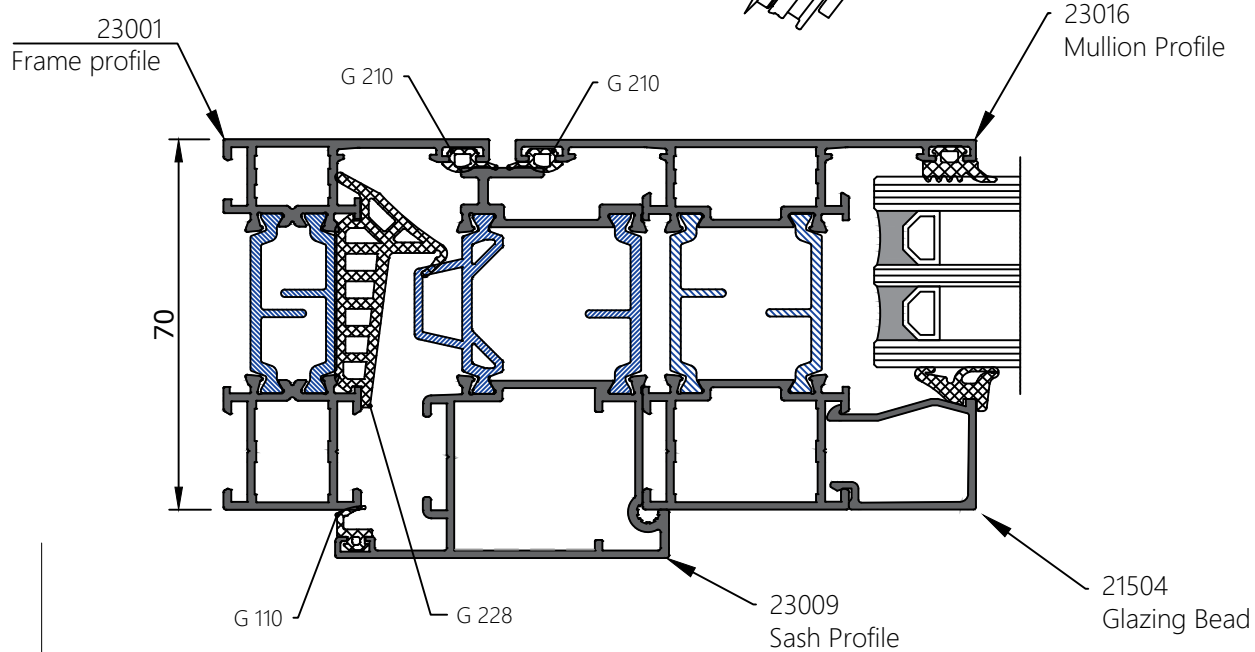
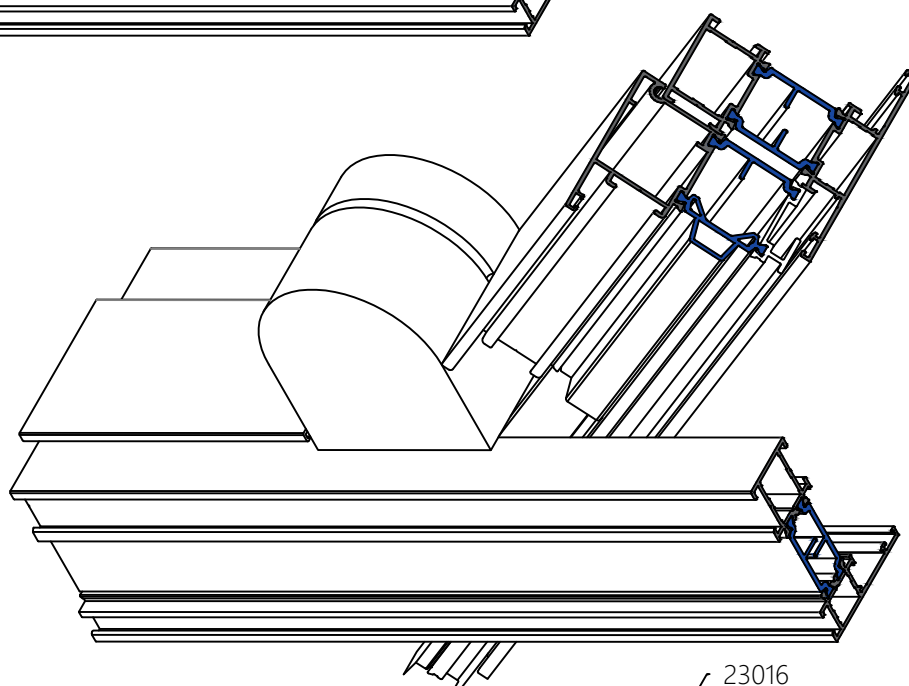
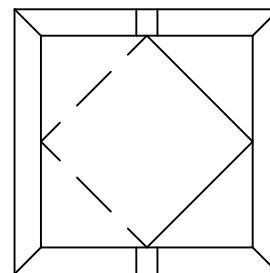
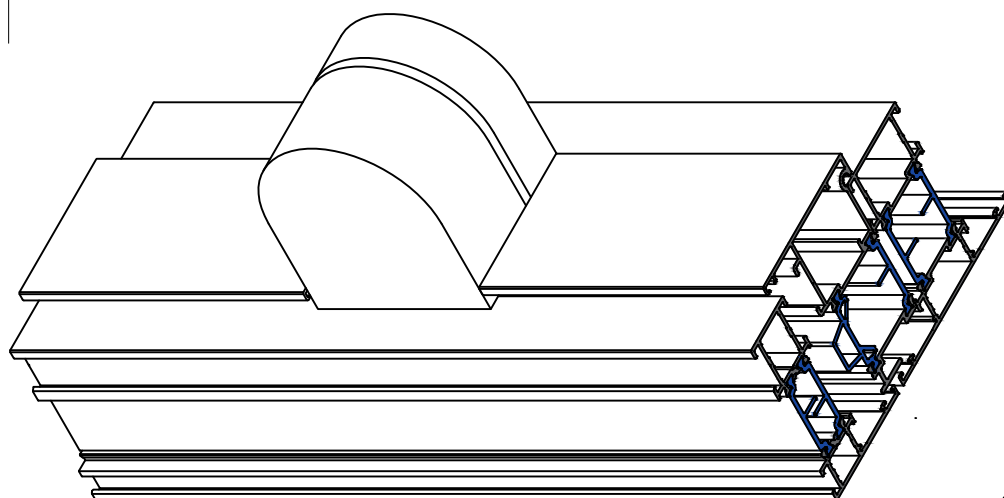


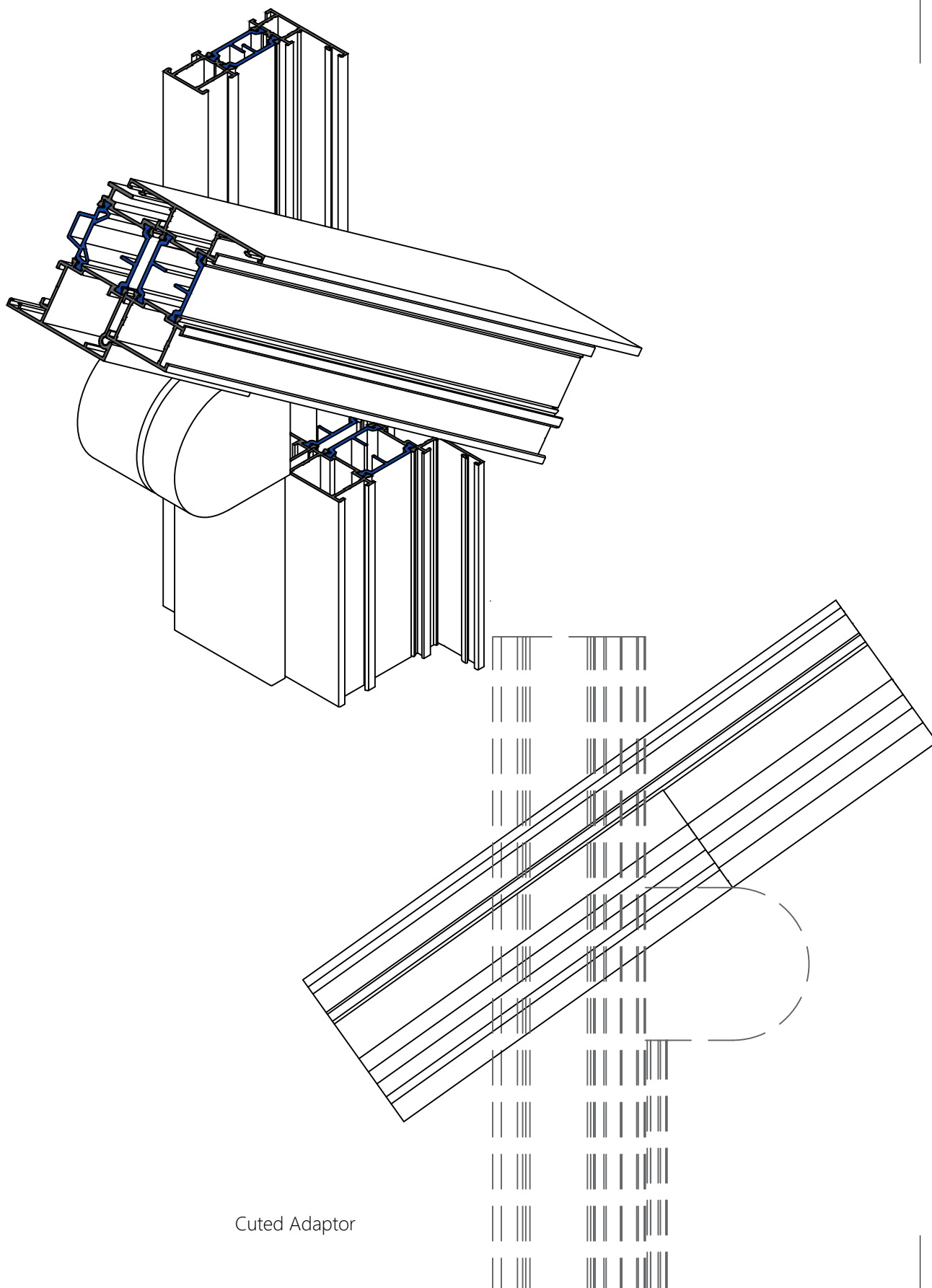
G 110

G 228

23009
Sash Profile

21504
Glazing Bead





Cuted Adaptor