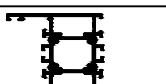
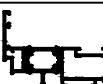
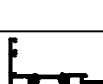
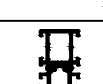
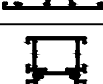
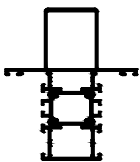
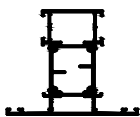
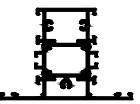
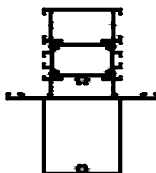
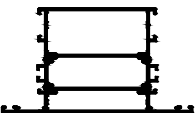
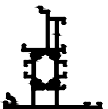
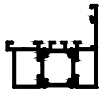


OVERVIEW OF PROFILES

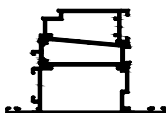
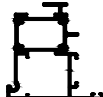
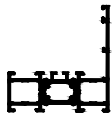
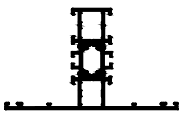
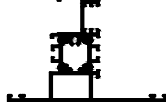
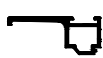
DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE JX(cm4) Jy (cm4)
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	21001	1.1600	Frame Profile	4.94 / 18.20
	21002	1.360	Frame Profile	11.81 / 22.52
	21003	1.560	Frame Profile	26.69 / 20.61
	21007	1.560	Z Frame Profile	15.18 / 43.26
	21008	1.240	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
	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
	21004	1.445	Frame Profile	6.41 / 41.81

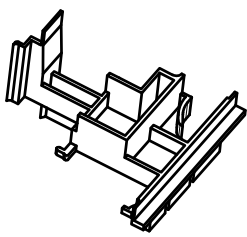
OVERVIEW OF PROFILES

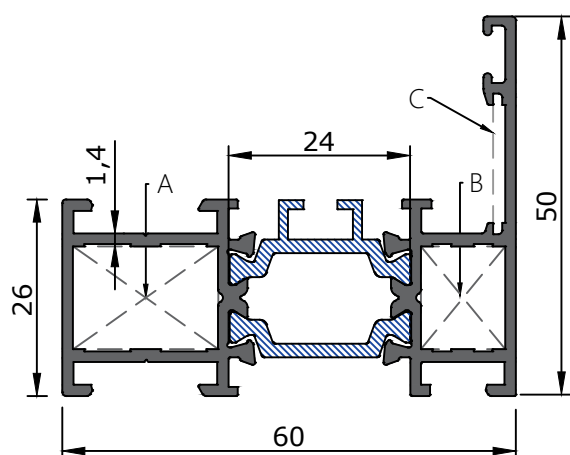
DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE Jx(cm4) / Jy (cm4)
	21018	1.9730	Sash mullion	62.59 / 22.52
	21023	1.465	Mullion profile	33 / 16.65
	21019	1.639	Mullion Profile	25.33 / 19.65
	21020	2.378	Mullion Profile (Reinforcement)	95.13 / 44.41
	21025	2.134	Mullion In Sash Profile	65.04 / 114.51
	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

OVERVIEW OF PROFILES

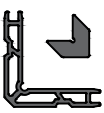
DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE Jx(cm4) / Jy (cm4)
	21014	2.165	Out Ward Sash Profile	45.06 / 54.35
	21027	1.300	Pivot Adaptor profile	13.75 / 23.37
	21031	1.331	Frame Profile For Hidden Vent	9.10 / 28.33
	21042	2.000	Sash Profile For Hidden Vent	16.21 / 41.21
	21033	1.526	Mullion 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	0.6600	Threshold Profile	0.29 / 8.19
	21041	0.260	Threshold Profile	/
	21501	0.250	Glazing Bead	/
	21502	0.263	Glazing Bead	/
	21503	0.280	Glazing Bead	/

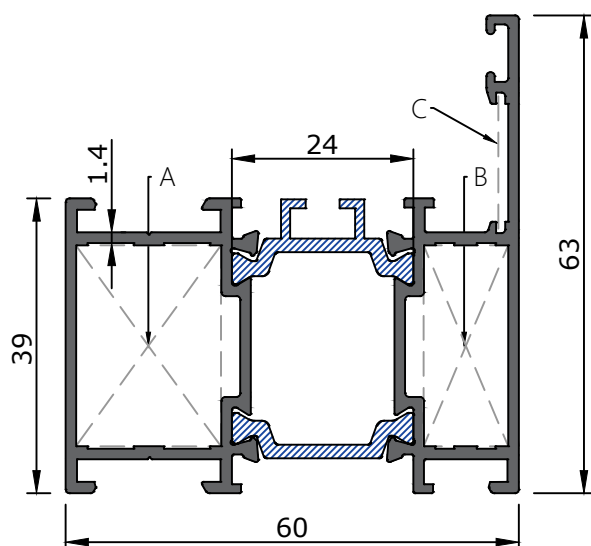
OVERVIEW OF PROFILES

DRAWING	CODE	WEIGHT (Kg/m)	DESCRIPTION	STATIC VALUE Jx(cm4) / Jy (cm4)
	21551	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	/
	21513	0.125	Glazing Bead	/
	21531	0.273	Glazing Bead	/
	AP 067	/	Tow Wings Windows Adapteur plugs	/



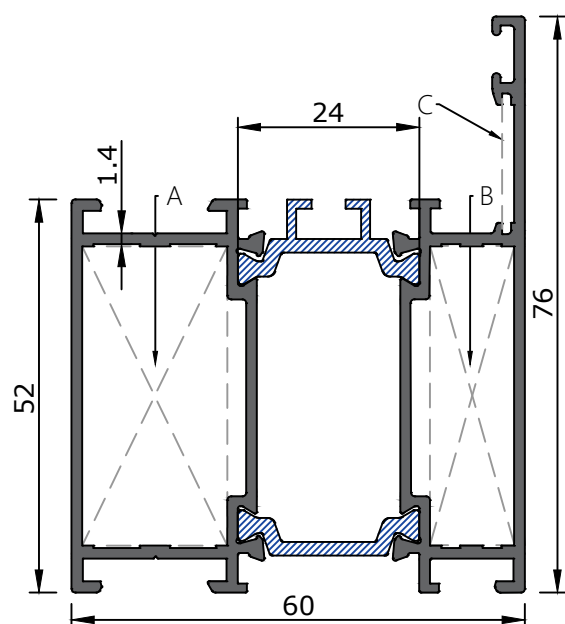
Profile Name	Profile Code	Weight (Kg/m)
Frame Profile	21001	1.160

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

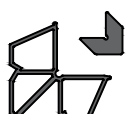


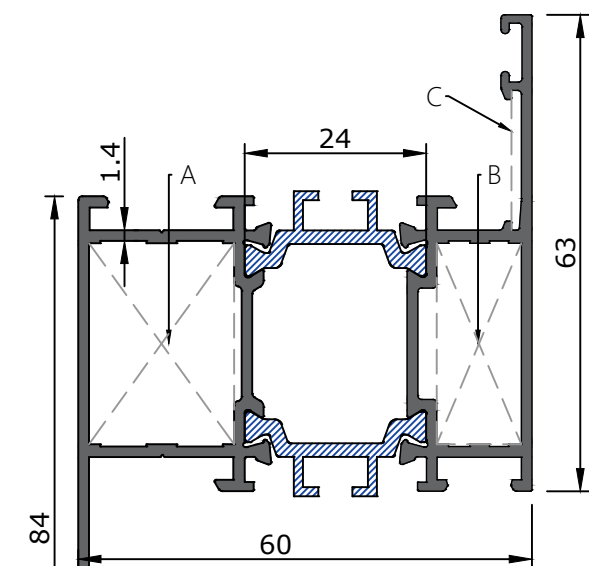
Profile Name	Profile Code	Weight (Kg/m)
Frame Profile	21002	1.360

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



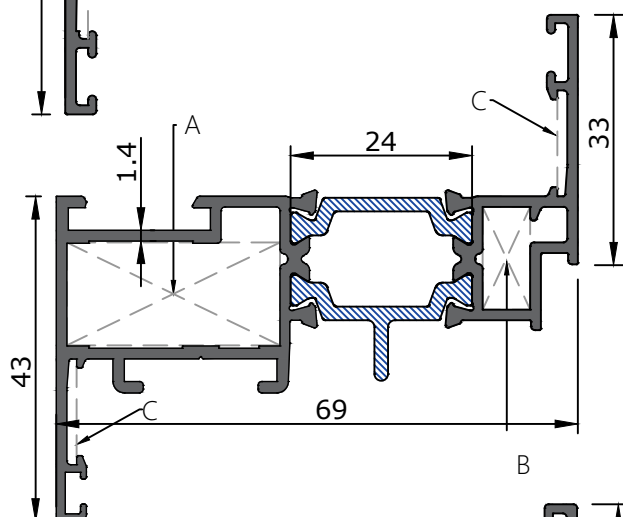
Profile Name	Profile Code	Weight (Kg/m)
Frame Profile	21003	1.560

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

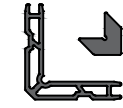


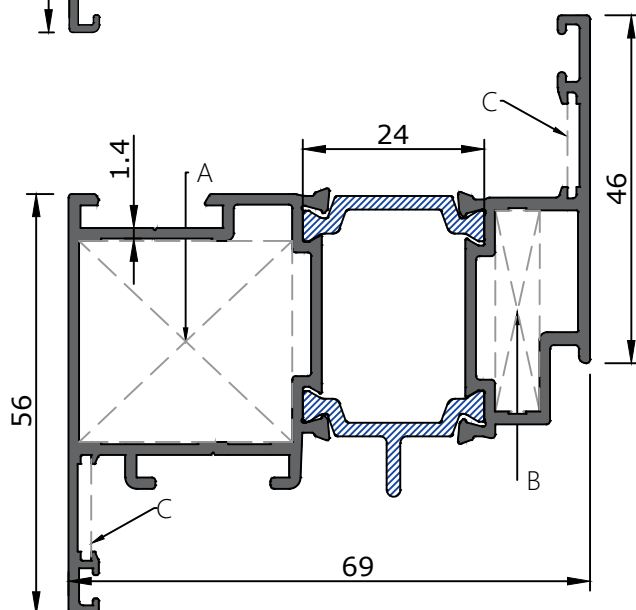
Profile Name	Profile Code	Weight (Kg/m)
Z Frame Profile	21007	1.560

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



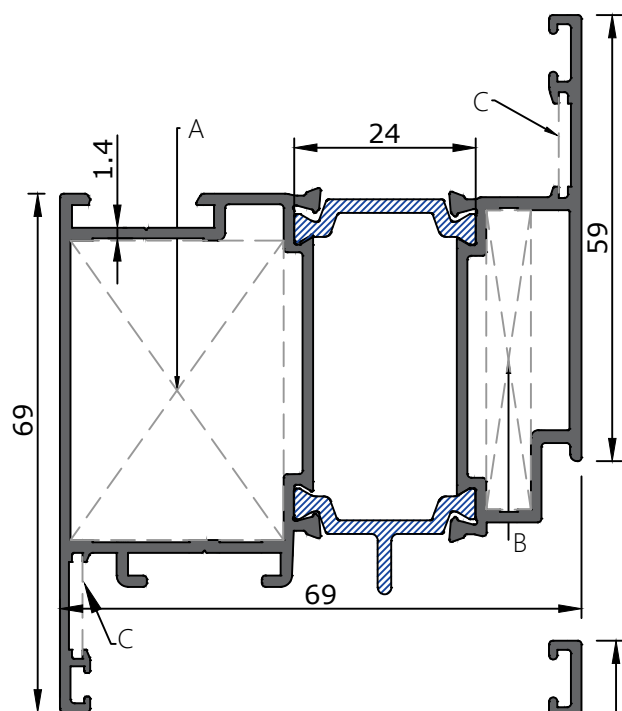
Profile Name	Profile Code	Weight (Kg/m)
Sash Profile	21008	1.240

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

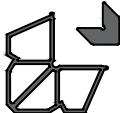


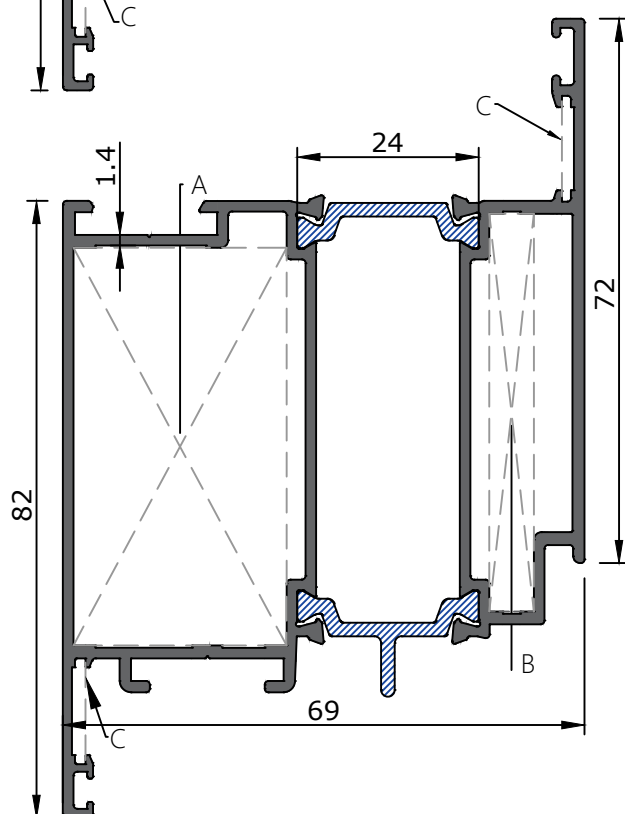
Profile Name	Profile Code	Weight (Kg/m)
Sash Profile	21009	1.470

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



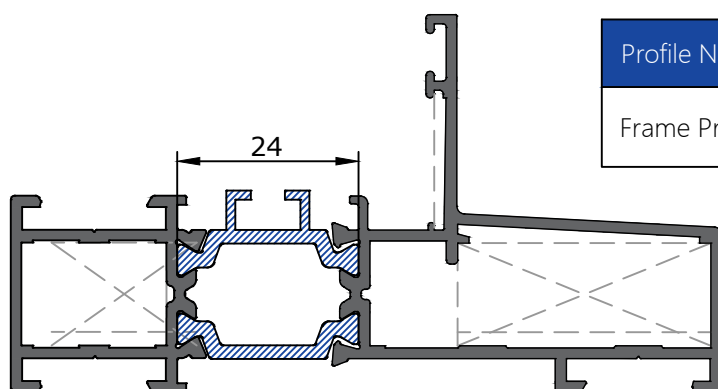
Profile Name	Profile Code	Weight (Kg/m)
Sash Profile	21010	1.670

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

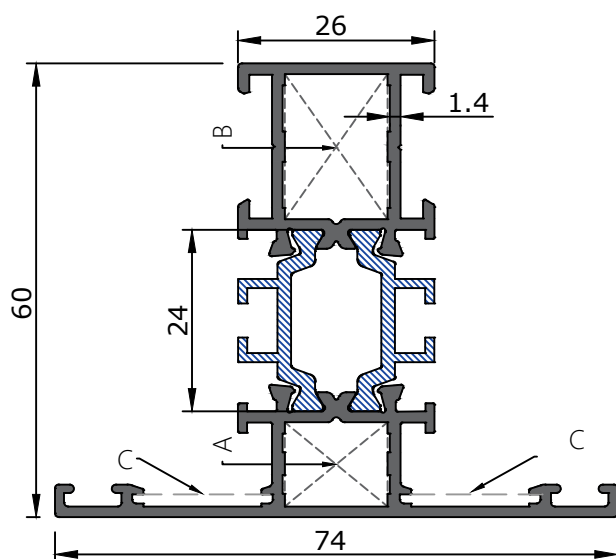


Profile Name	Profile Code	Weight (Kg/m)
Sash Profile	21011	1.880

Corner Cleat	A	B	C
	314-6 65.2mm	314-1 27.8mm	21327

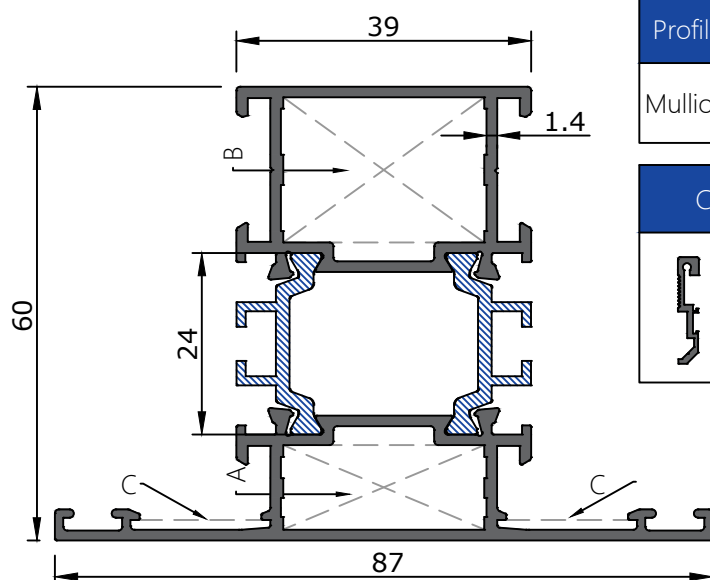


Profile Name	Profile Code	Weight (Kg/m)
Frame Profile	21004	1.4450



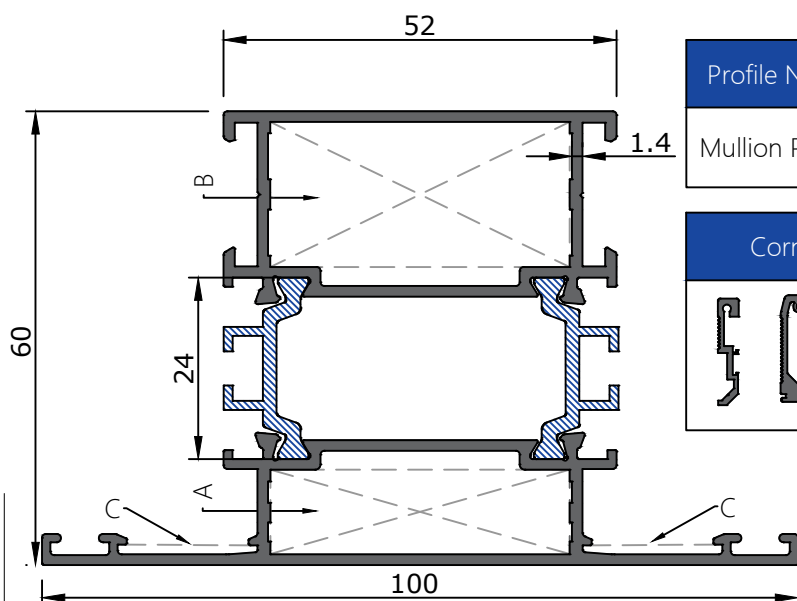
Profile Name	Profile Code	Weight (Kg/m)
Mullion Profile	21015	1.310

Corner Cleat	A	B	C
  	320-1		21326



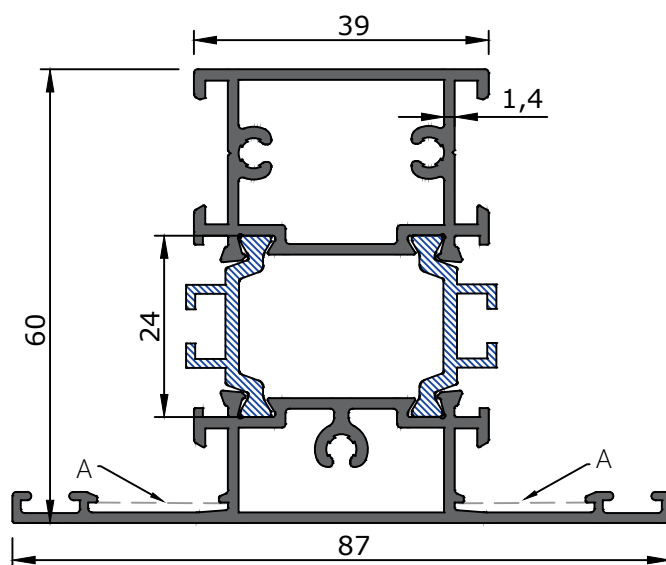
Profile Name	Profile Code	Weight (Kg/m)
Mullion Profile	21016	1.500

Corner Cleat	A	B	C
  	320-2		21326

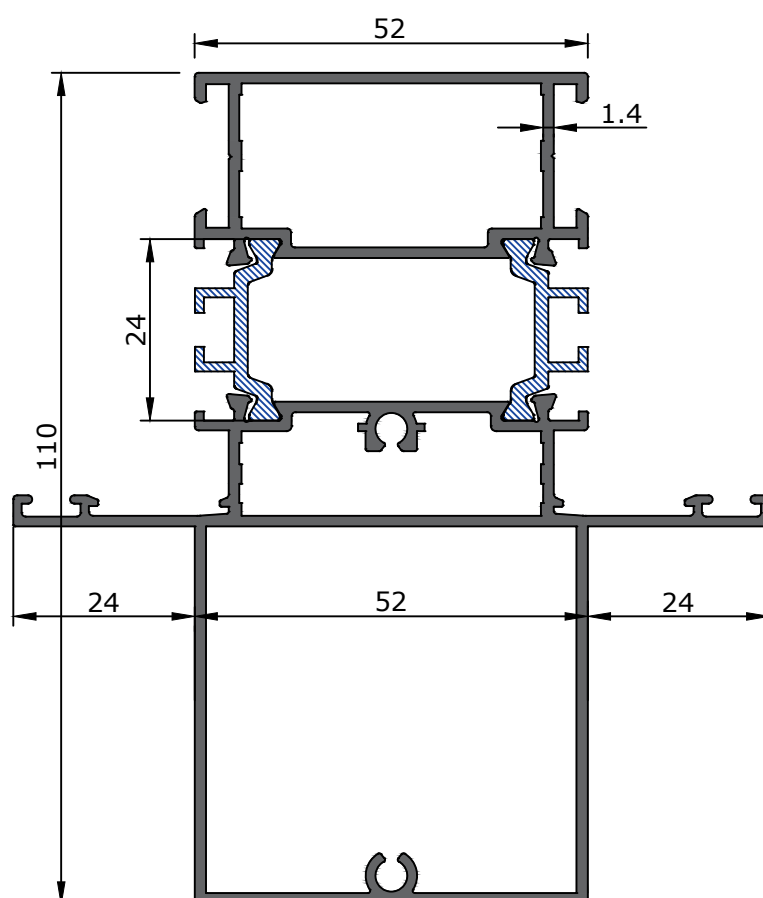


Profile Name	Profile Code	Weight (Kg/m)
Mullion Profile	21017	1.680

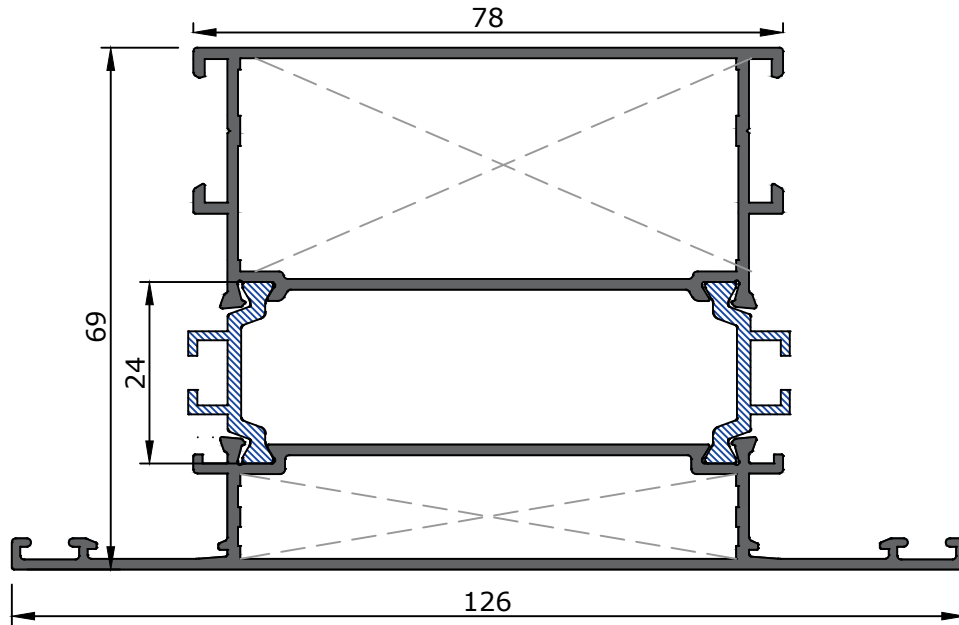
Corner Cleat	A	B	C
  	320-3		21326



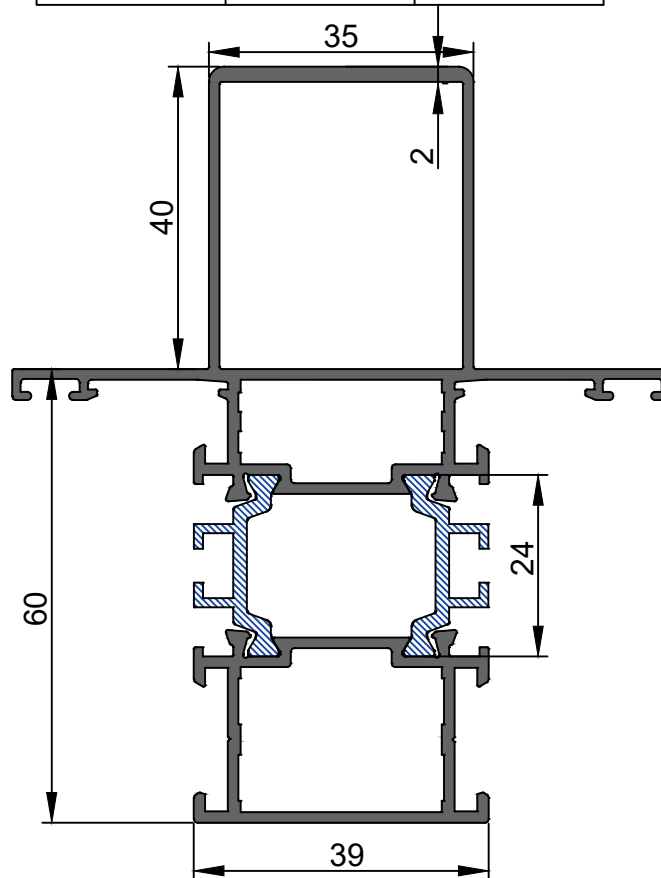
Profile Name	Profile Code	Weight (Kg/m)	Corner Cleat	A
Mullion Profile	21019	1.639		21326



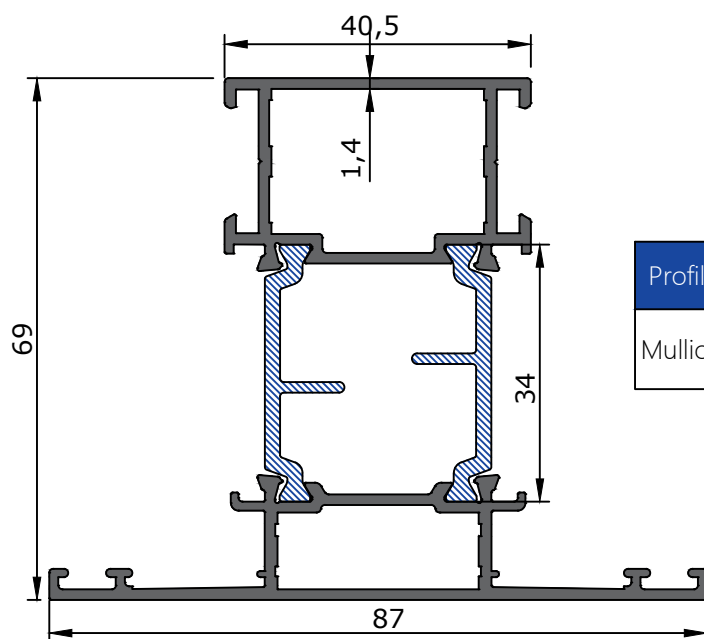
Profile Name	Profile Code	Weight (Kg/m)
Mullion Profile (Reinforcement)	21020	2.378



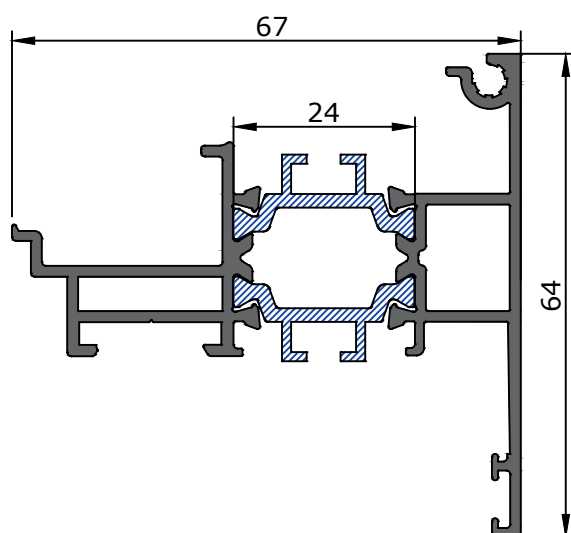
Profile Name	Profile Code	Weight (Kg/m)
Mullion In Sash Profile	21025	2.134



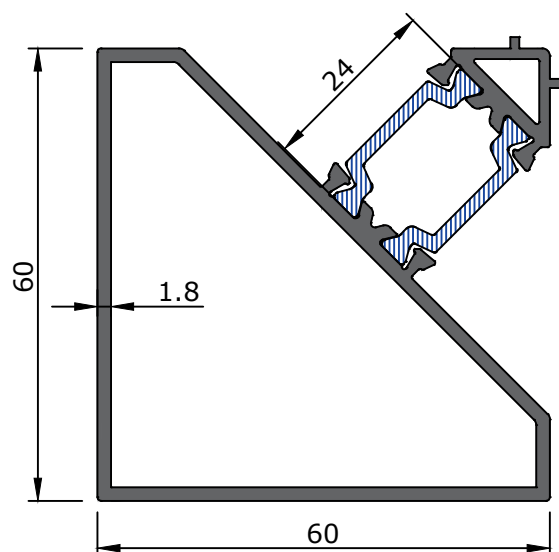
Profile Name	Profile Code	Weight (Kg/m)
Sash Mullion	21018	1.9730



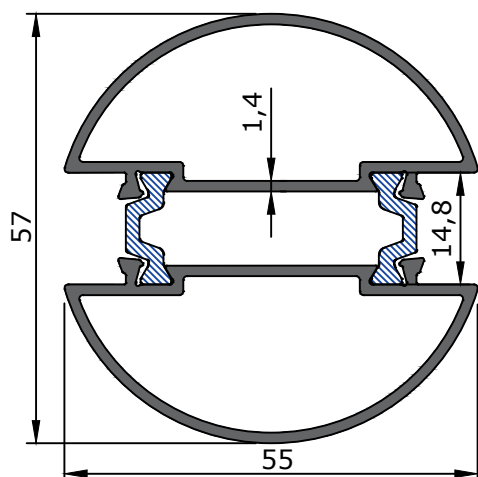
Profile Name	Profile Code	Weight (Kg/m)
Mullion Profile	21023	1/4650



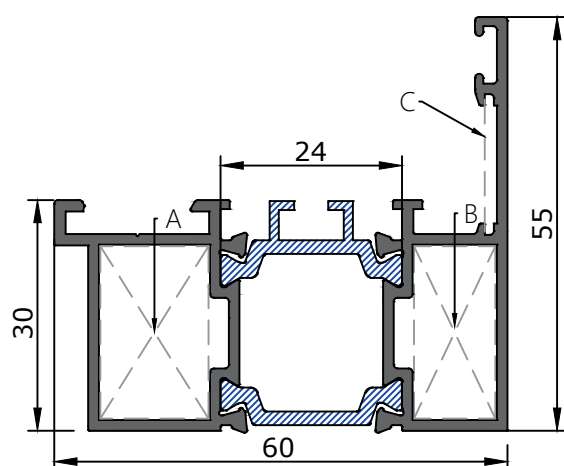
Profile Name	Profile Code	Weight (Kg/m)
Double Casement Adaptor Profile	21045	1.275



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

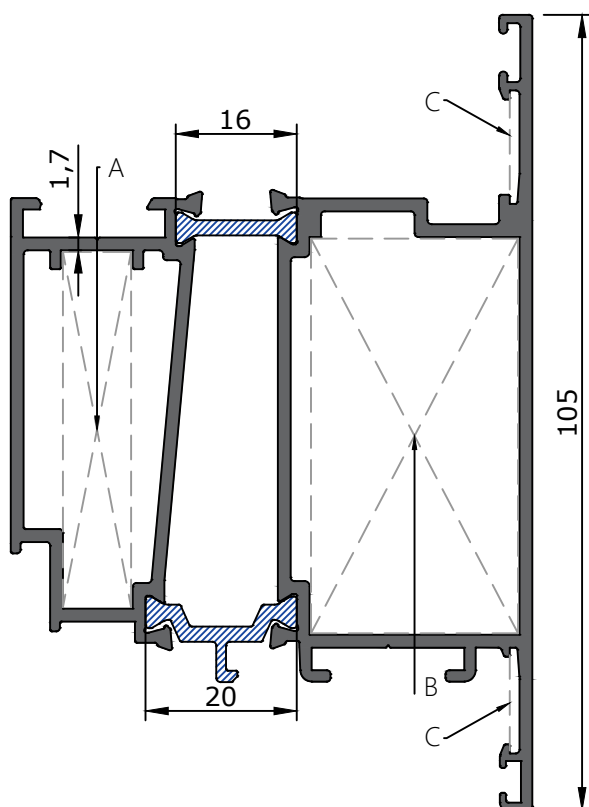


Profile Name	Profile Code	Weight (Kg/m)
Corner Curve Profile	21061	1.185

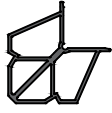


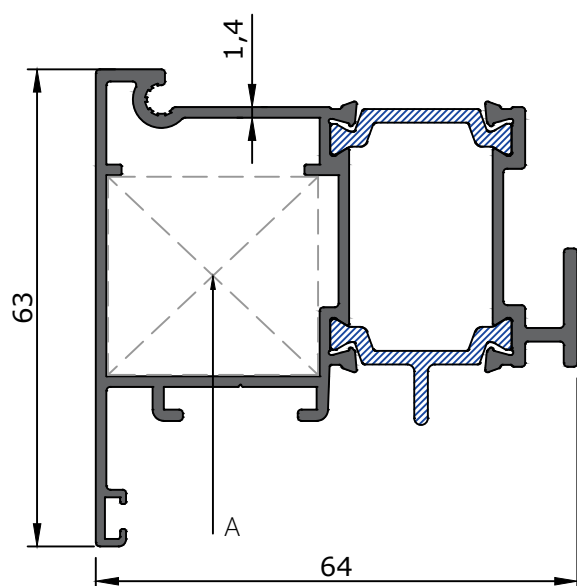
Profile Name	Profile Code	Weight (Kg/m)
Out Ward Adaptor	21043	1.162

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



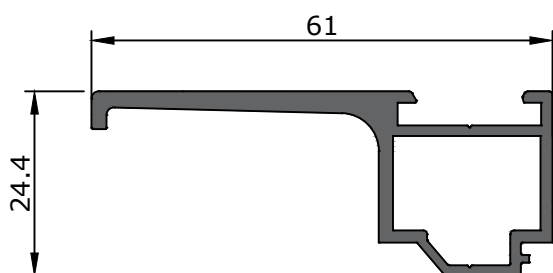
Profile Name	Profile Code	Weight (Kg/m)
Out Ward Sash Profile	21014	2.165

Corner Cleat	A	B	C
 	313-1 5.2mm	314-1 27.8mm	21327

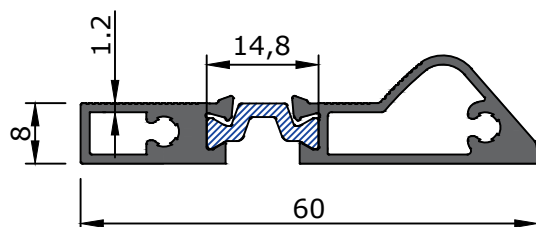


Profile Name	Profile Code	Weight (Kg/m)
Pivot Adaptor Profile	21027	1.300

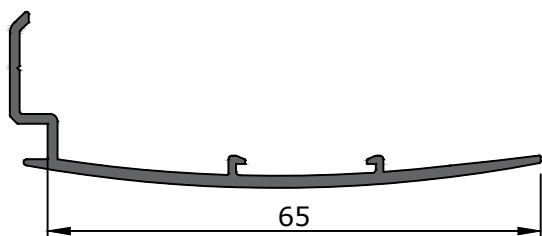
Corner Cleat	A
	311-4 27.8mm



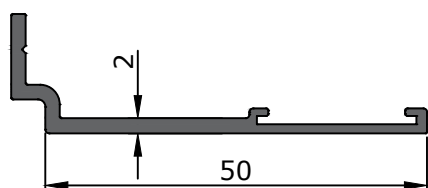
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead Adaptor	21070	0.680



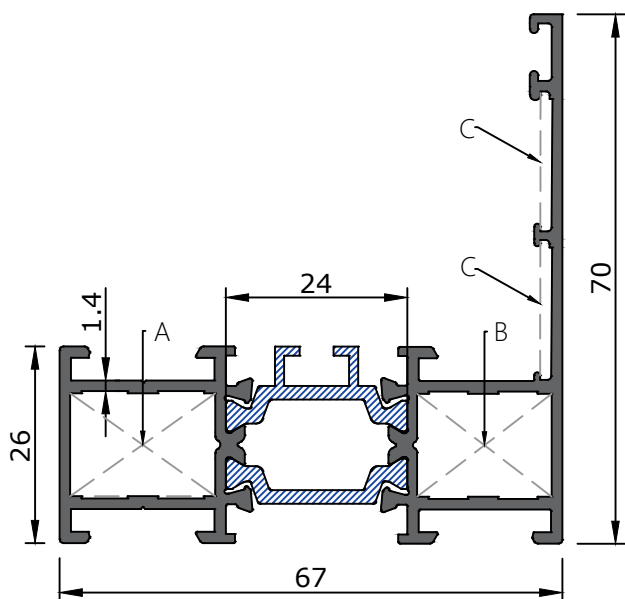
Profile Name	Profile Code	Weight (Kg/m)
Threshold Profile	21040	0.6600



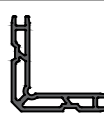
Profile Name	Profile Code	Weight (Kg/m)
Border Profile	21551	0.368

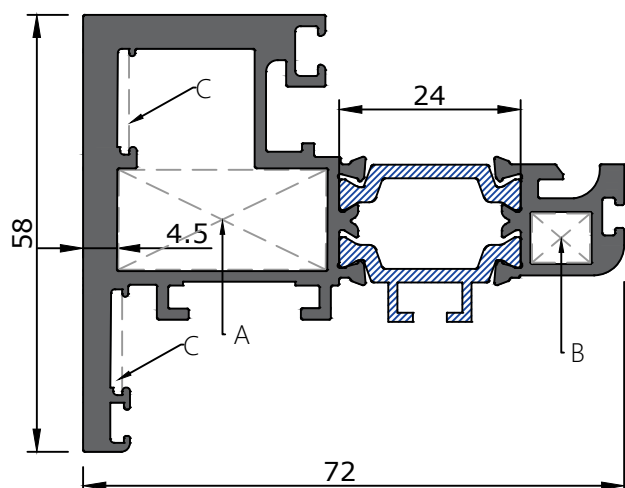


Profile Name	Profile Code	Weight (Kg/m)
Border Profile	21553	0.340

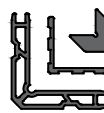


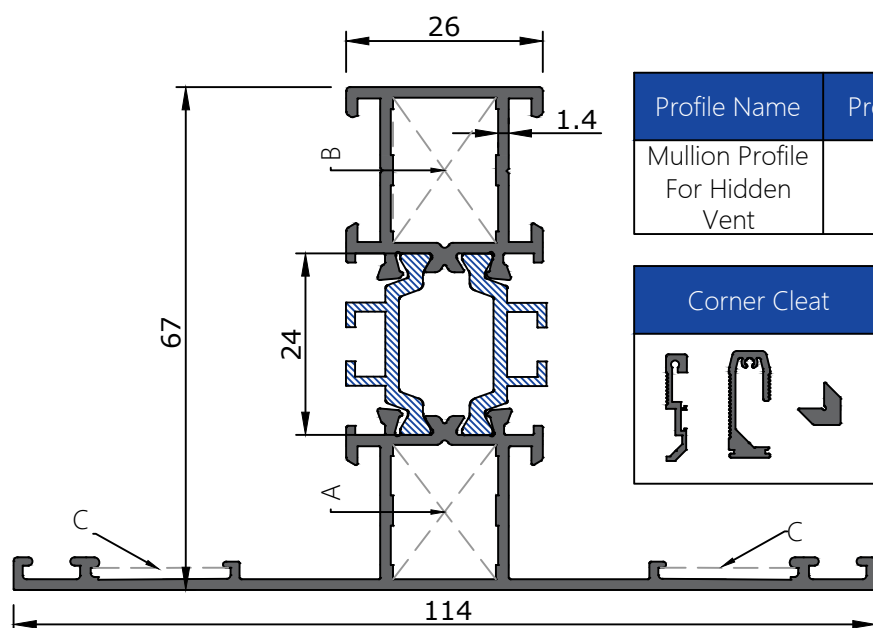
Profile Name	Profile Code	Weight (Kg/m)
Frame Profile For Hidden Vent	21031	1.331

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

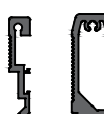


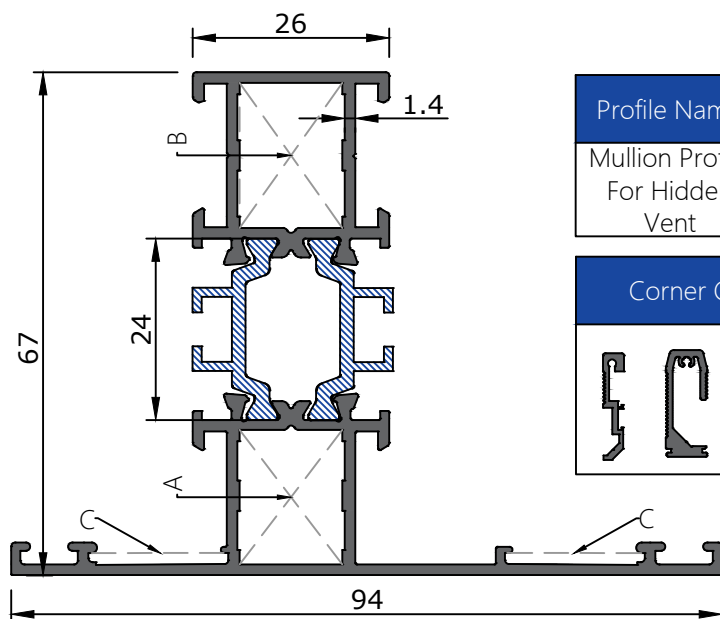
Profile Name	Profile Code	Weight (Kg/m)
Sash Profile For Hidden Vent	21042	2.000

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

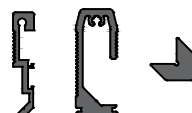


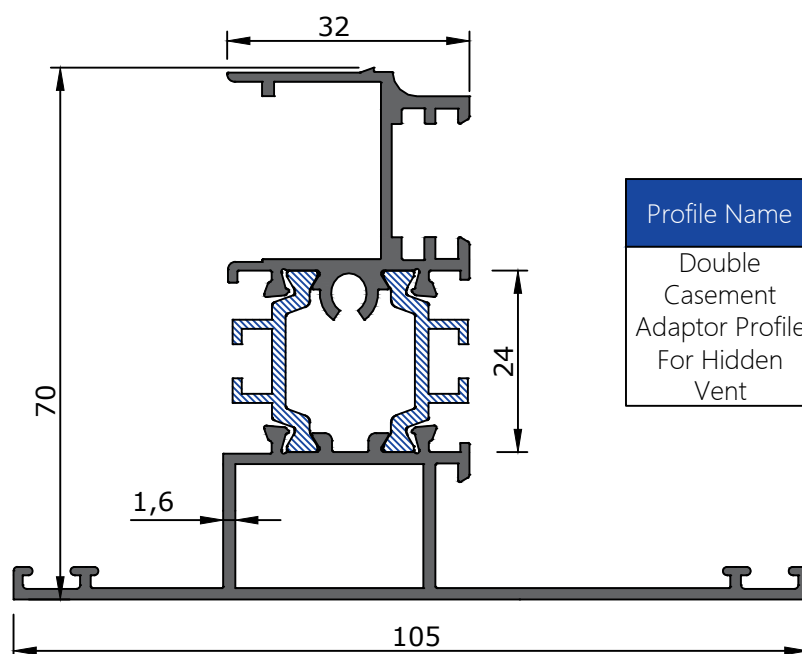
Profile Name	Profile Code	Weight (Kg/m)
Mullion Profile For Hidden Vent	21033	1.526

Corner Cleat	A	B	C
	320-1		21326

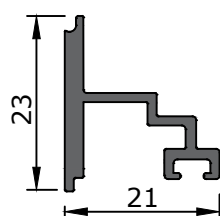


Profile Name	Profile Code	Weight (Kg/m)
Mullion Profile For Hidden Vent	21032	1.446

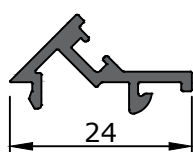
Corner Cleat	A	B	C
	320-1		21326



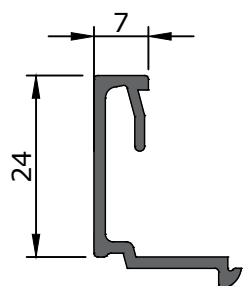
Profile Name	Profile Code	Weight (Kg/m)
Double Casement Adaptor Profile For Hidden Vent	21046	1.584



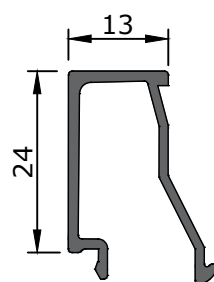
Profile Name	Profile Code	Weight (Kg/m)
Threshold Adaptor Profile	21041	0.260



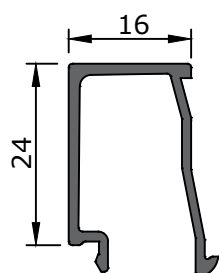
Profile Name	Profile Code	Weight (Kg/m)
Corner Curve Adaptor	21563	0.185



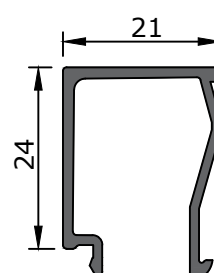
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21501	0.250



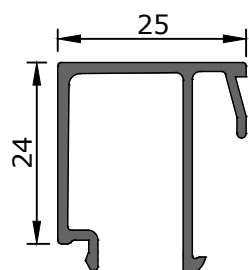
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21502	0.263



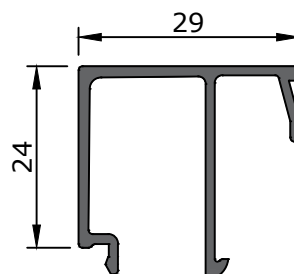
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21503	0.280



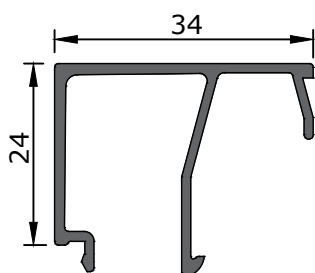
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21504	0.300



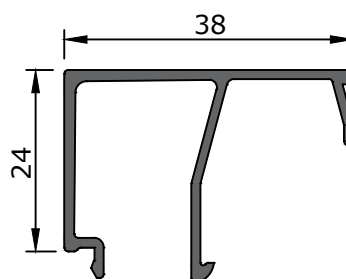
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21505	0.340



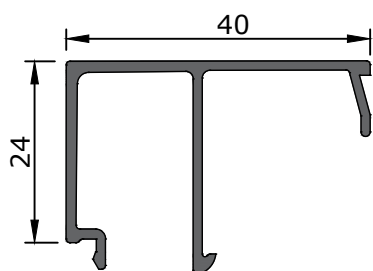
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21506	0.345



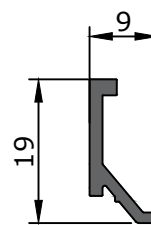
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21507	0.370



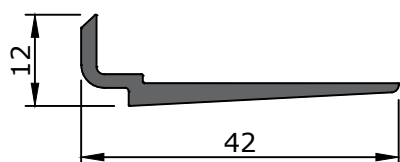
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21508	0.385



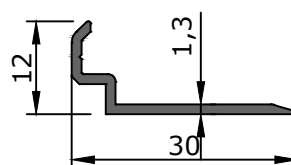
Profile Name	Profile Code	Weight (Kg/m)
Glazing Bead	21509	0.390



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

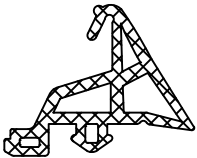
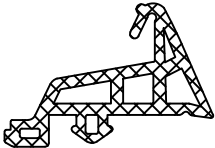


Profile Name	Profile Code	Weight (Kg/m)
Glass Support	21531	0.273

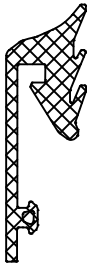
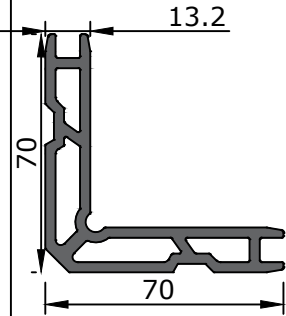


Profile Name	Profile Code	Weight (Kg/m)
Corner Curve Adaptor	21562	0.140

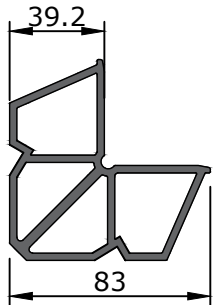
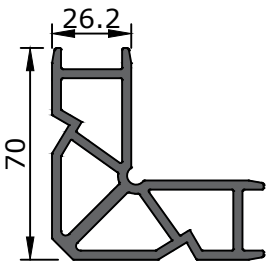
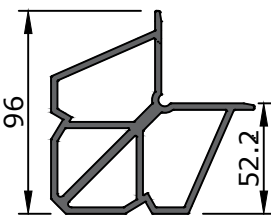
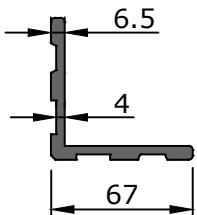
ACCESSORIES

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

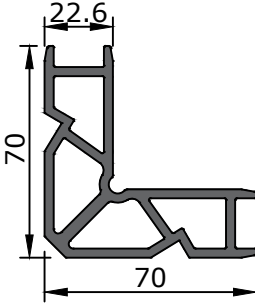
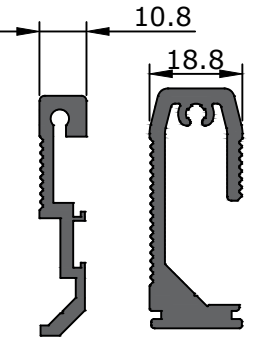
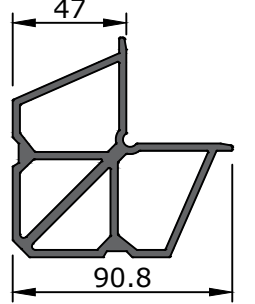
ACCESSORIES

Drawing	Code	Description	Material
	G 110	Gasket For Sash Profile	EPDM
	G 217	Glazing Gasket 6(mm)	EPDM
	G 235	Glazing Gasket	EPDM
	308-2	Press Corner Cleat18.8(mm)	Aluminium
	308-13	Press Corner Cleat10.8(mm)	
	308-14	Press Corner Cleat5.5(mm)	
	308-3	Press Corner Cleat27.8(mm)	
	308-4	Press Corner Cleat17.4(mm)	
	308-20	Press Corner Cleat27.5(mm)	

ACCESSORIES

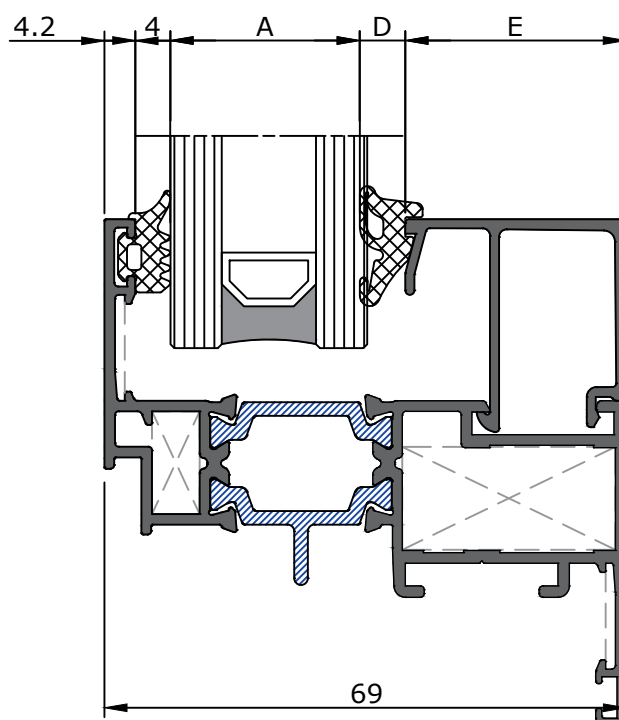
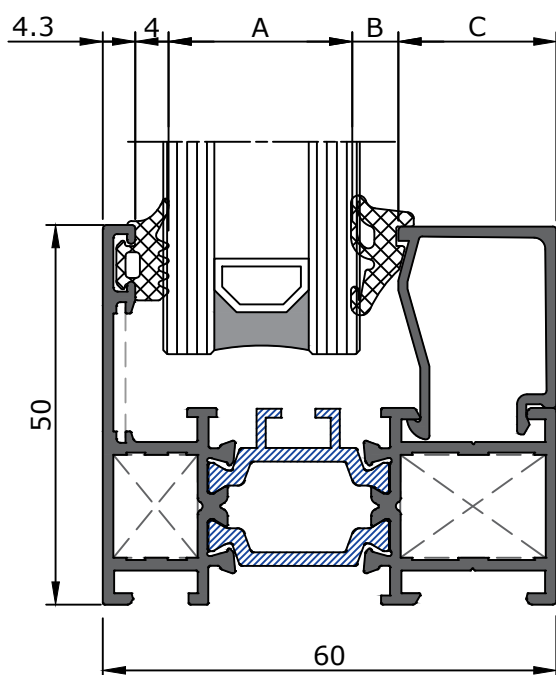
Drawing	Code	Description	Material
	312-2	Press Corner Cleat10.8(mm)	Aluminium
	312-4	Press Corner Cleat18.8(mm)	
	312-3	Press Corner Cleat5.5(mm)	
	312-5	Press Corner Cleat27.8(mm)	
	311-3	Press Corner Cleat10.8(mm)	
	311-10	Press Corner Cleat5.5(mm)	
	311-11	Press Corner Cleat18.8(mm)	
	311-4	Press Corner Cleat27.8(mm)	
	314-1	Press Corner Cleat27.8(mm)	
	314-2	Press Corner Cleat5.5(mm)	
	314-3	Press Corner Cleat27.4(mm)	
	351-1	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)	
	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)	
	313-1	Press Corner Cleat8.9(mm)	

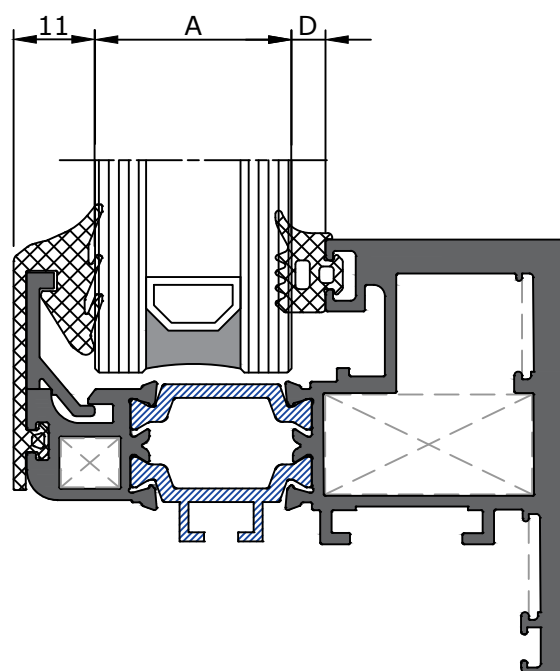
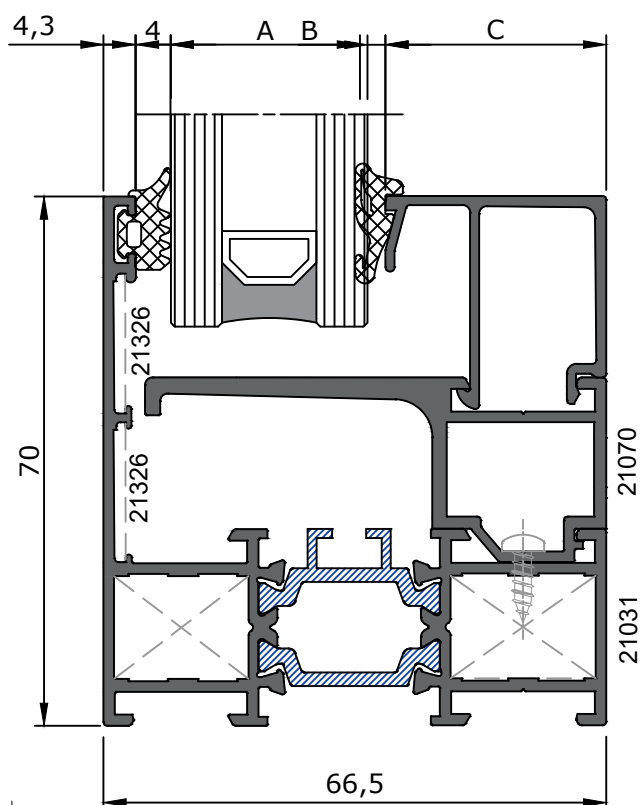
Glass Size		
A(mm)	B	C
20	G 202	21505
22	G 201	21505
24	G 202	21504
26	G 201	21504
28	G 203	21503
30	G 201	21503
32	G 202	21502
34	G 201	21502
36	G 203	21501
38	G 202	21501
40	G 201	21501

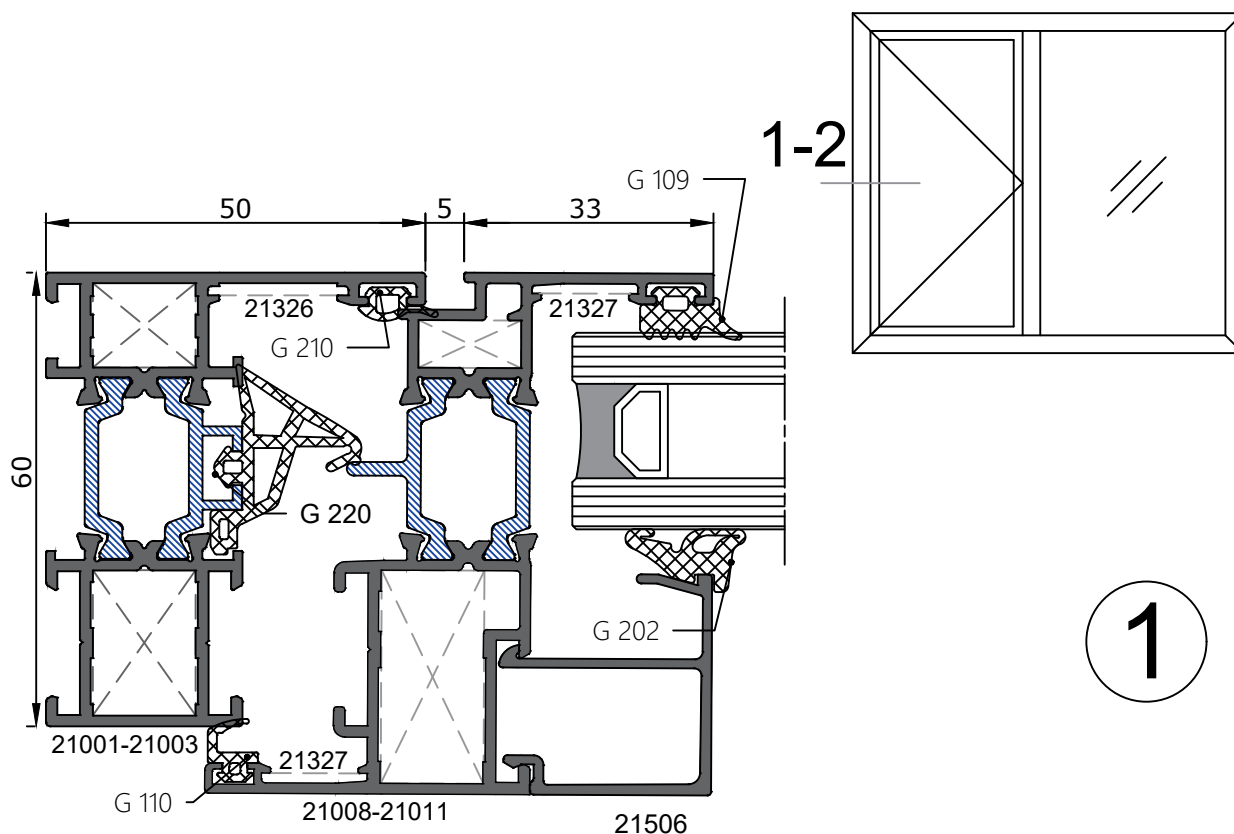
Glass Size		
A(mm)	D	E
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22	G 201	21507
24	G 203	21506
26	G 201	21506
28	G 203	21505
30	G 201	21505
32	G 203	21504
34	G 201	21504
36	G 108	21504
38	G 202	21503
40	G 201	21503
42	G 201	21502
44	G 108	21502
46	G 203	21501
48	G 201	21501



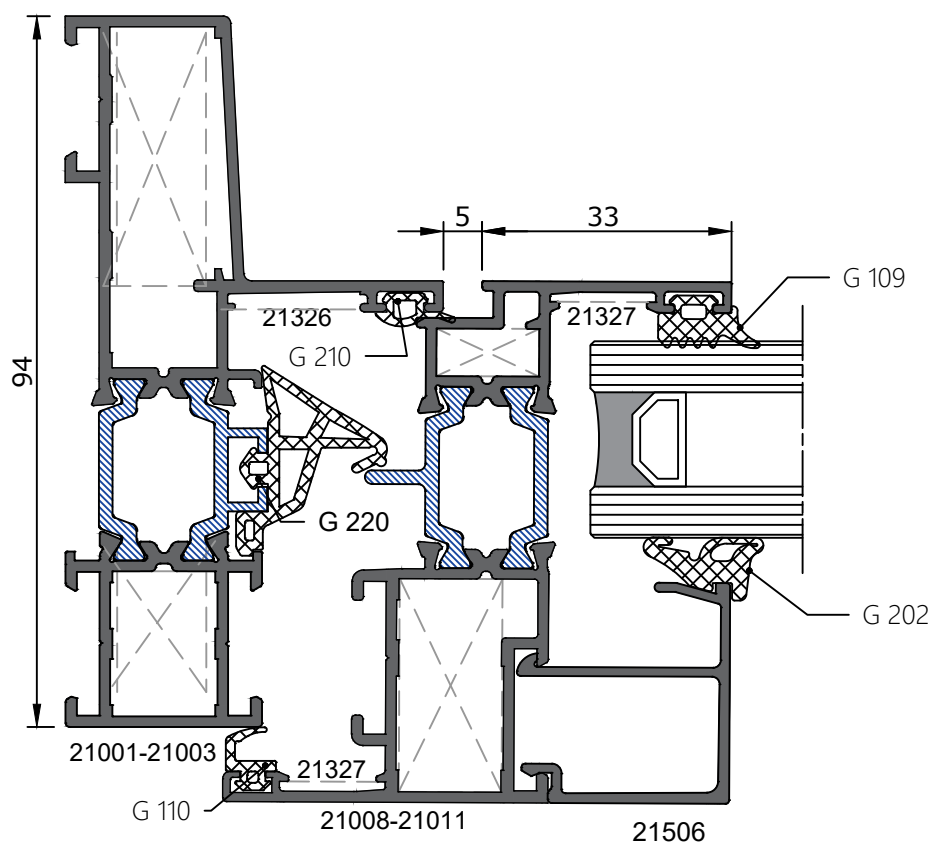
Glass Size		
A(mm)	B	C
20	G 201	21507
22	G 108	21507
24	G 201	21506
26	G 203	21505
28	G 202	21505
30	G 203	21504
32	G 202	21504
34	G 203	21503
36	G 202	21503
38	G 201	21503
40	G 108	21503

Glass Size	
A(mm)	D
24	G 217

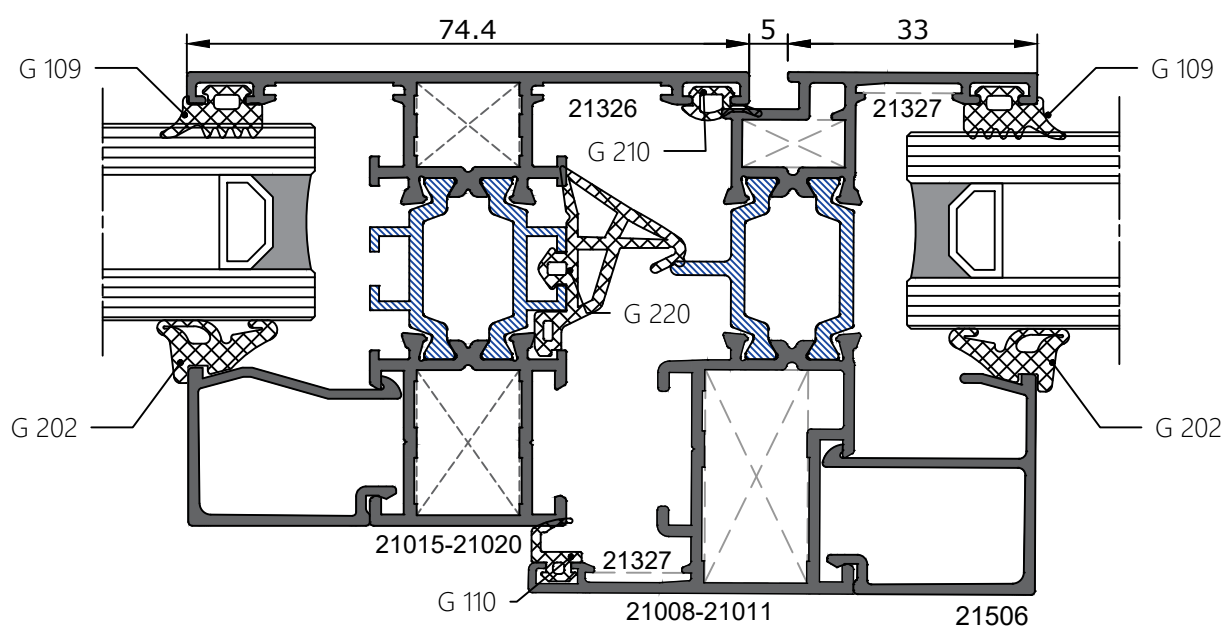
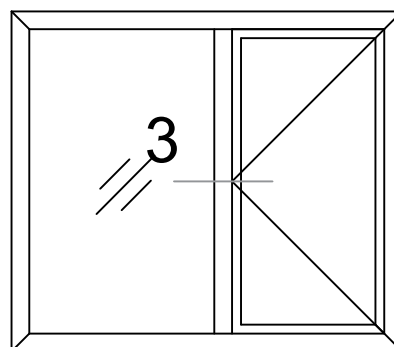




1



2



3

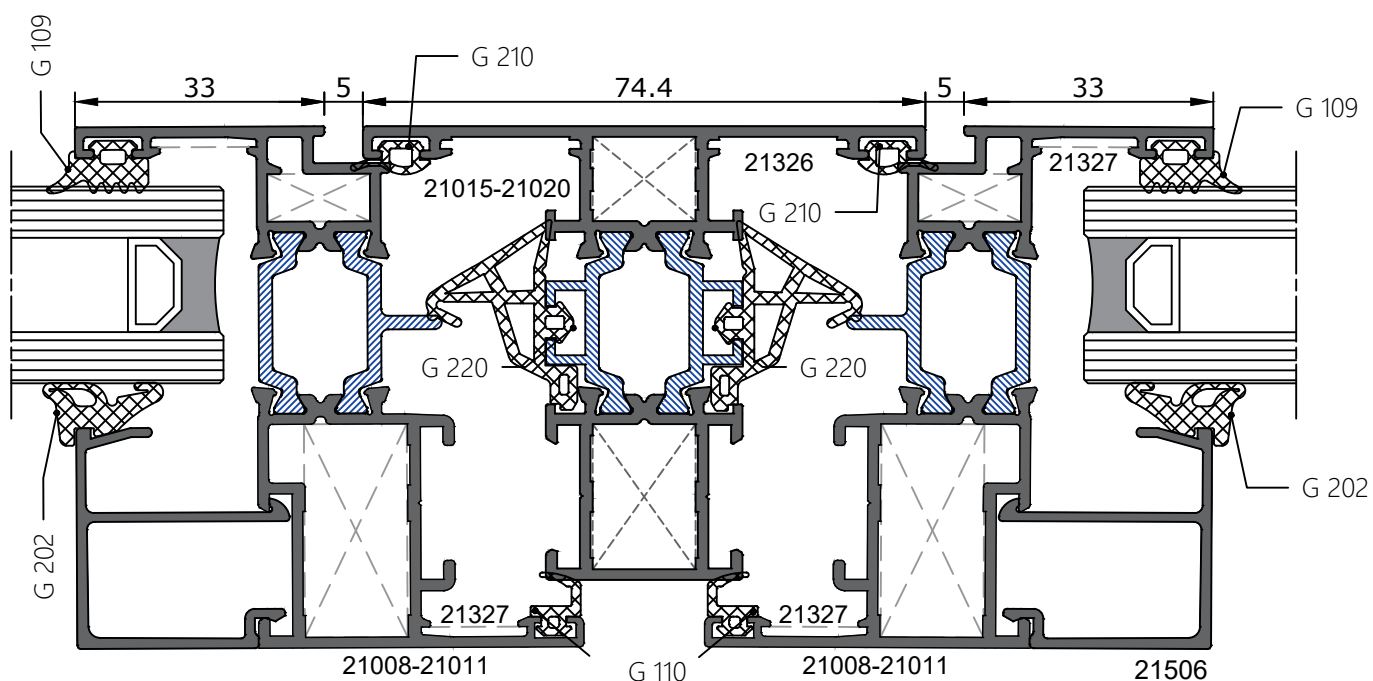
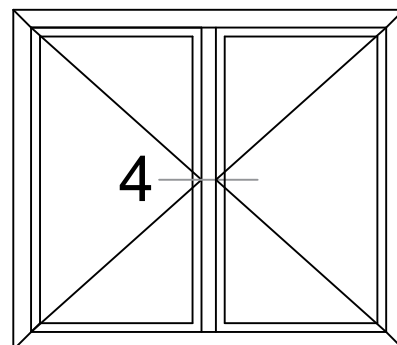
HATCH GUIDE : Aluminium

PolyAmid

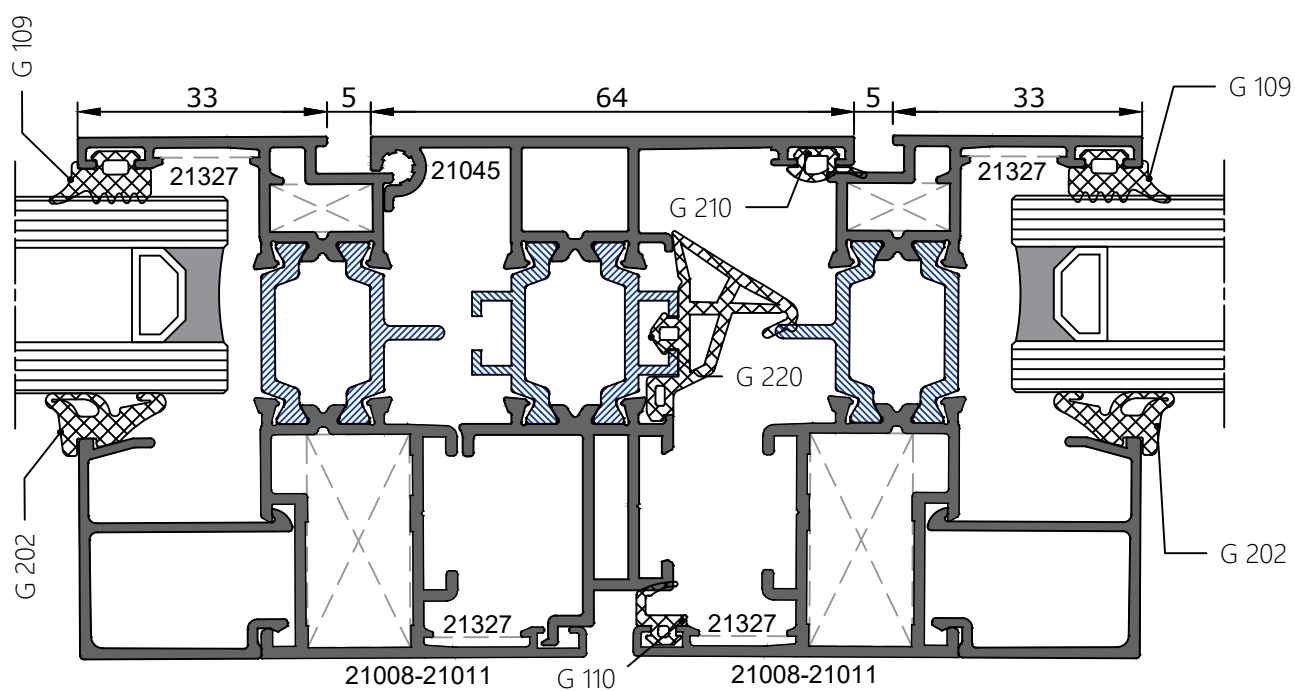
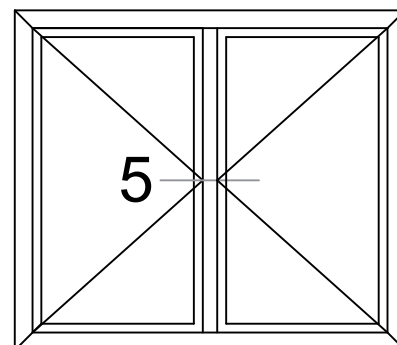
PVC

EPDM

Sponge



4



5

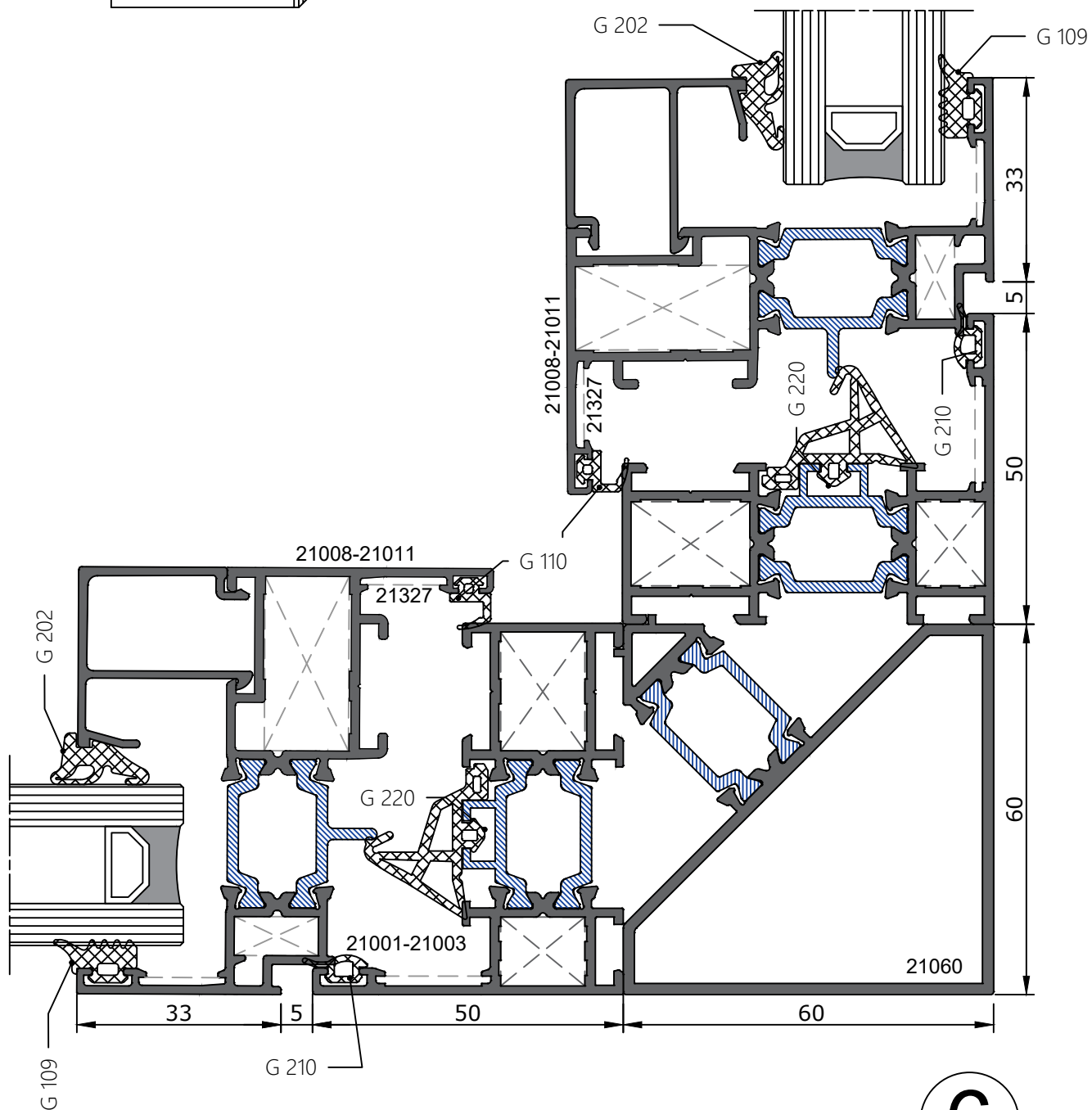
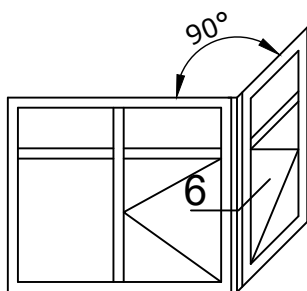
HATCH GUIDE : ● Aluminium

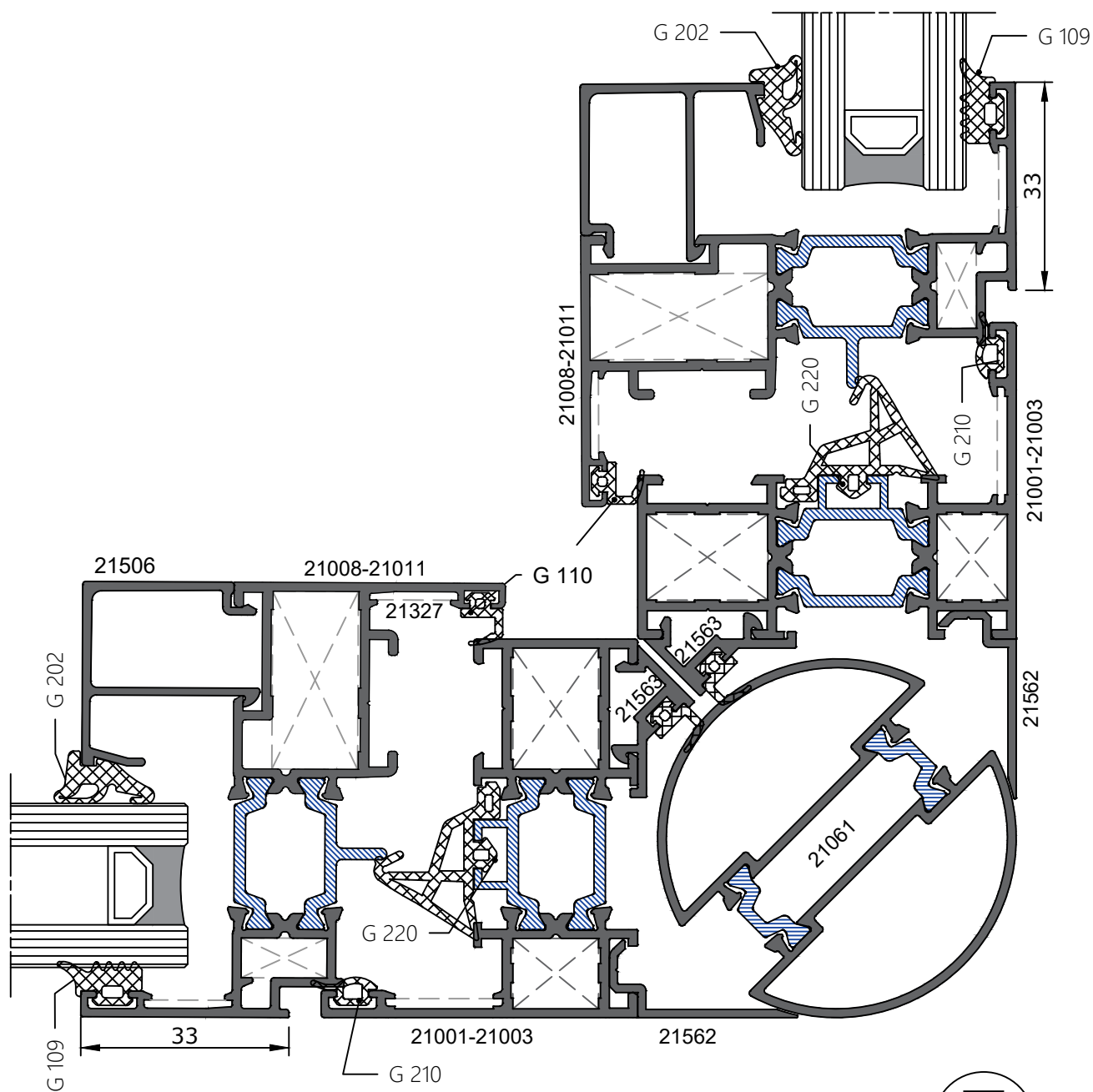
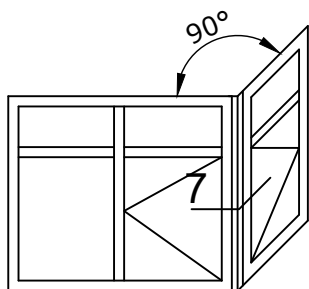
● PolyAmid

● PVC

● EPDM

● Sponge





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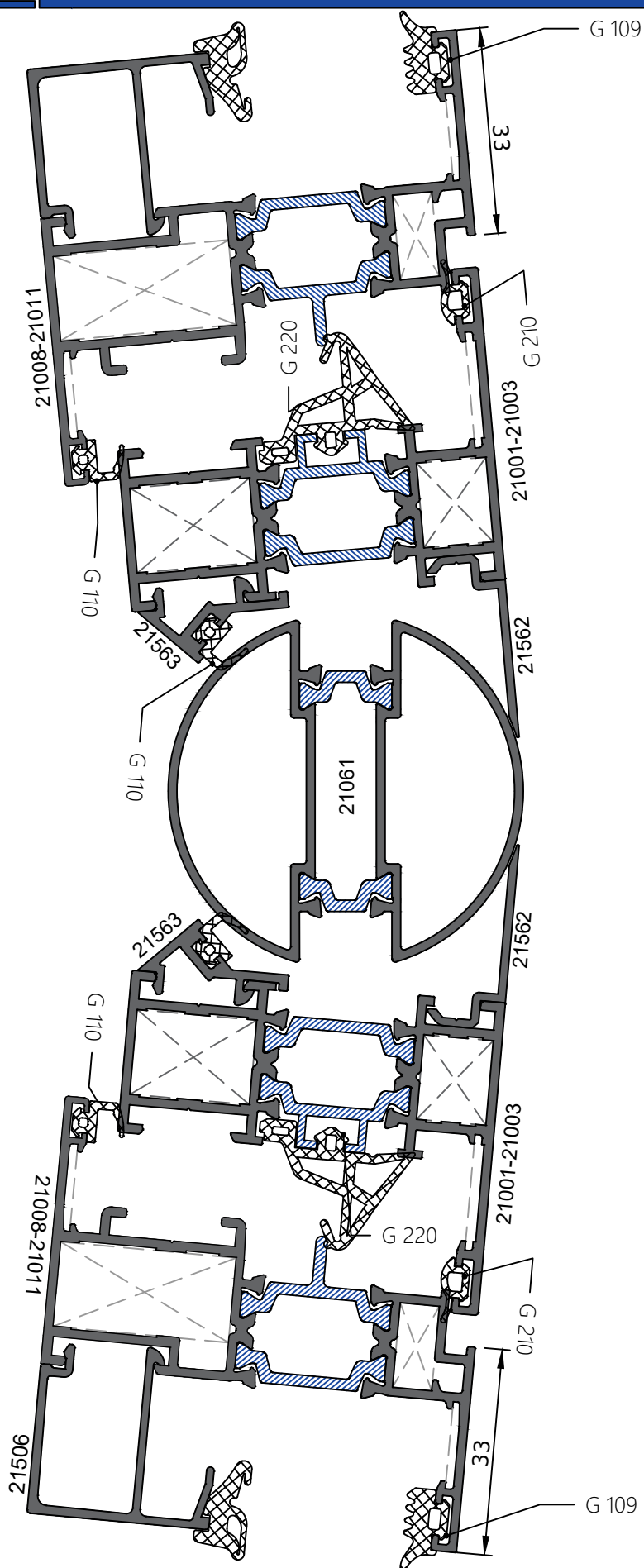
HATCH GUIDE : ● Aluminium

▨ PolyAmid

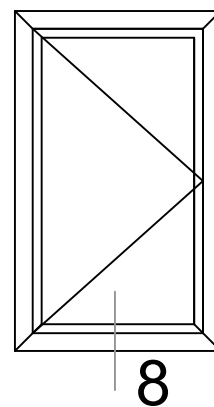
● PVC

▨ EPDM

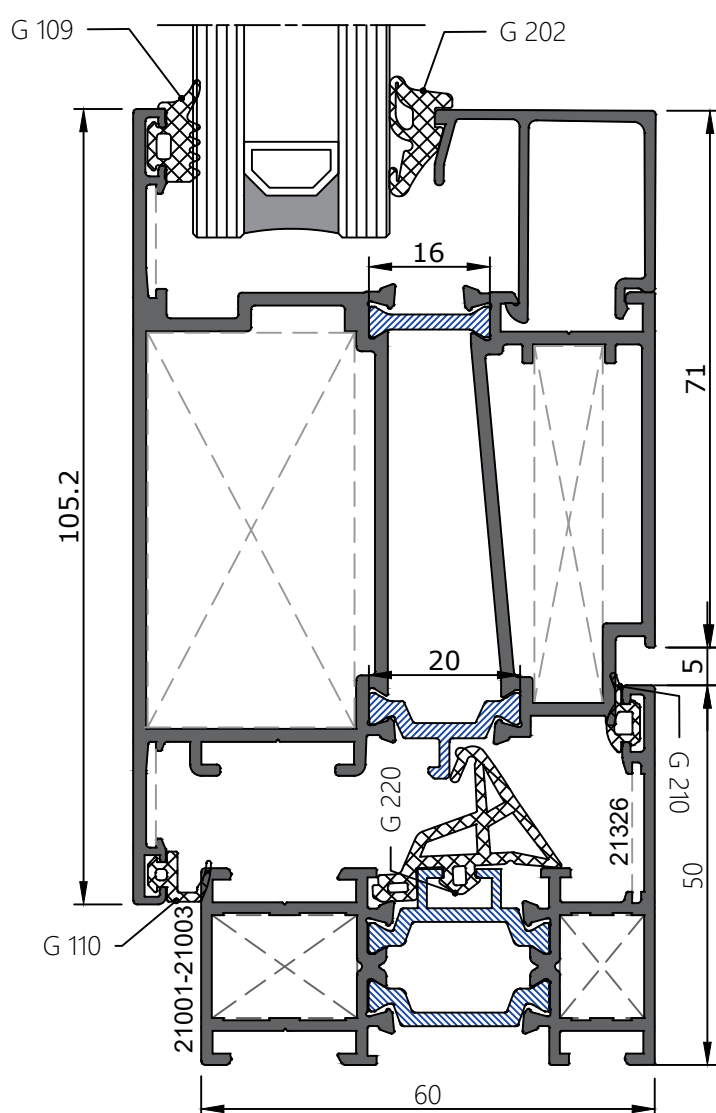
● Sponge



OUT WARD

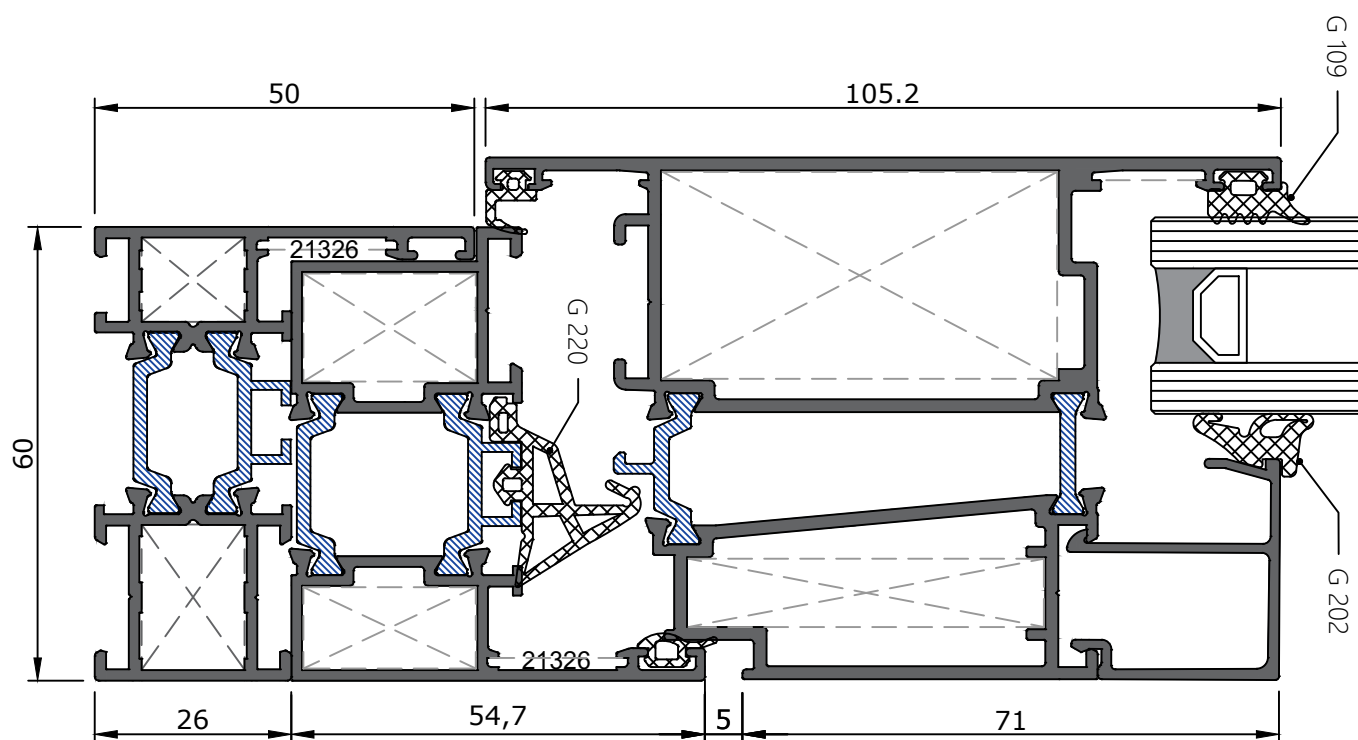
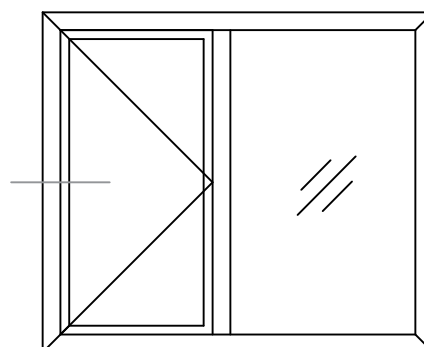


8



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9

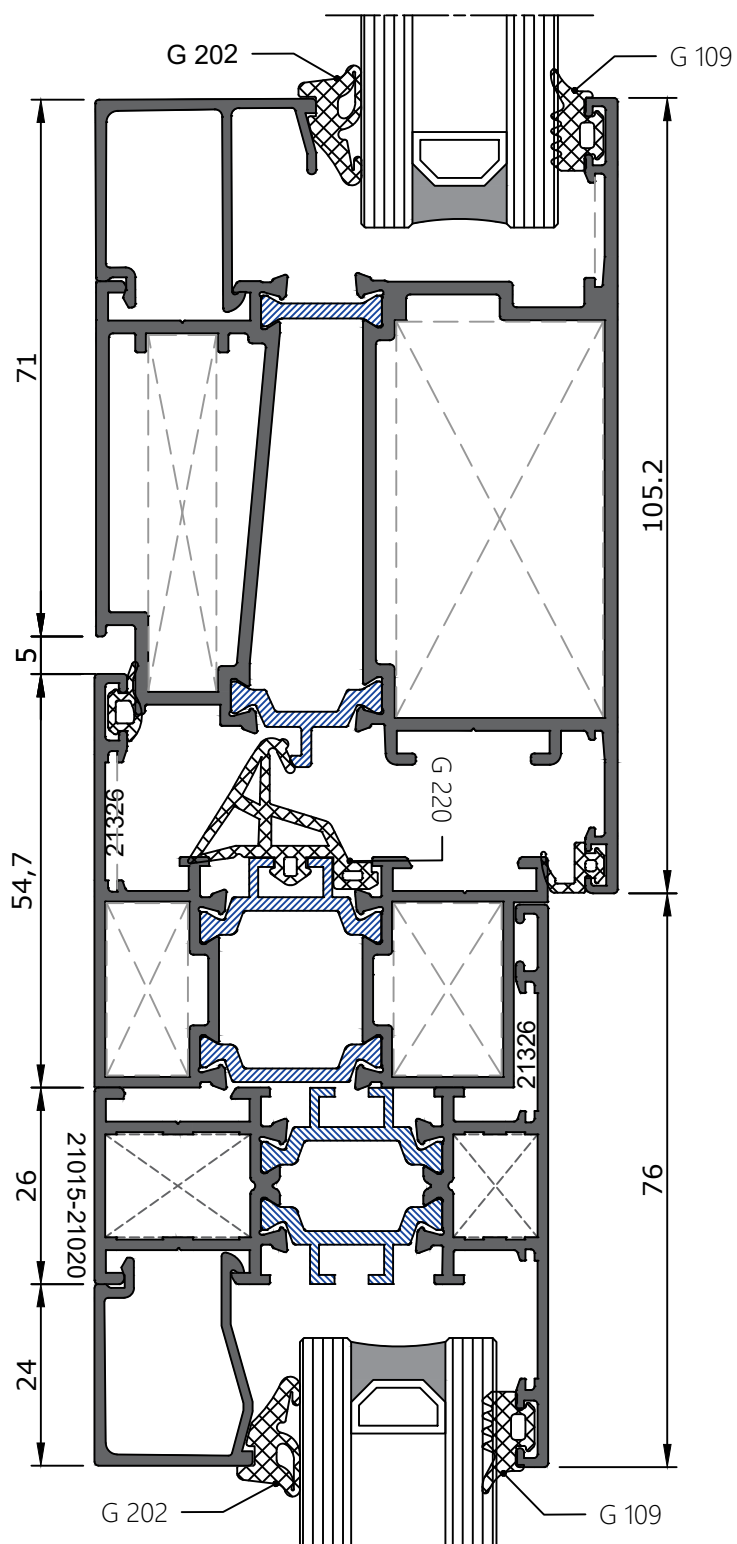
HATCH GUIDE : ● Aluminium

● PolyAmid

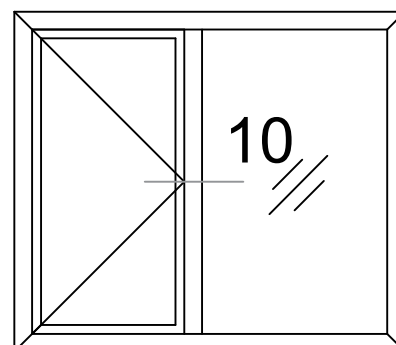
● PVC

● EPDM

● Sponge



OUT WARD



10

HATCH GUIDE : ● Aluminium

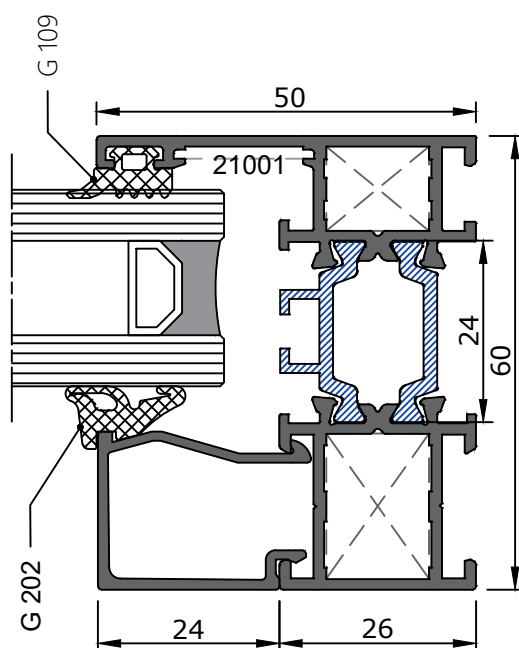
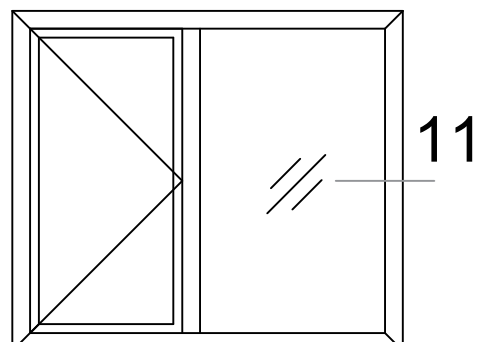
● PolyAmid

● PVC

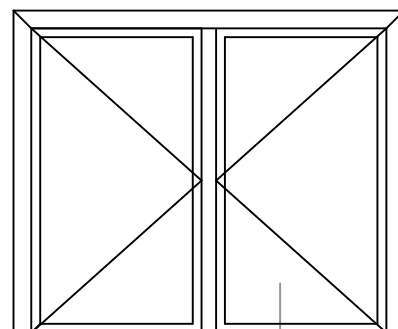
● EPDM

● Sponge

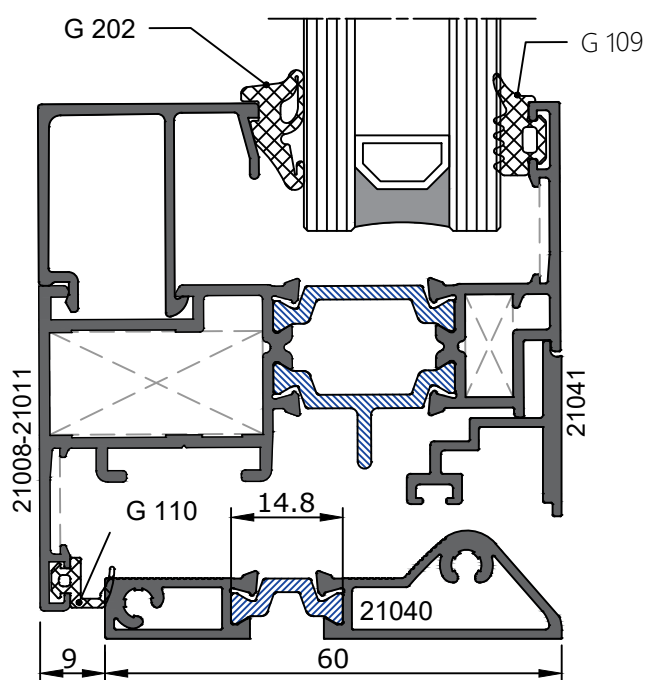
OUT WARD



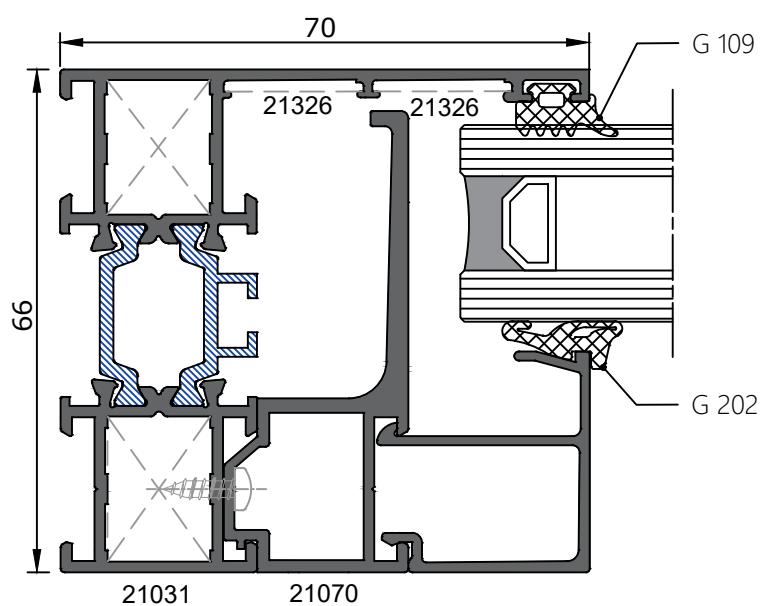
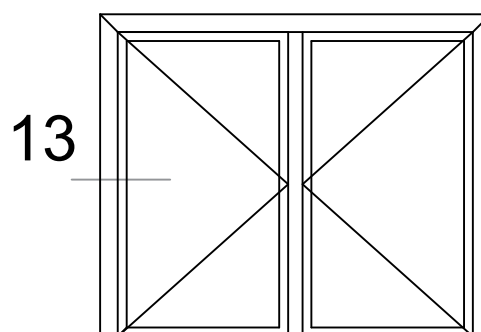
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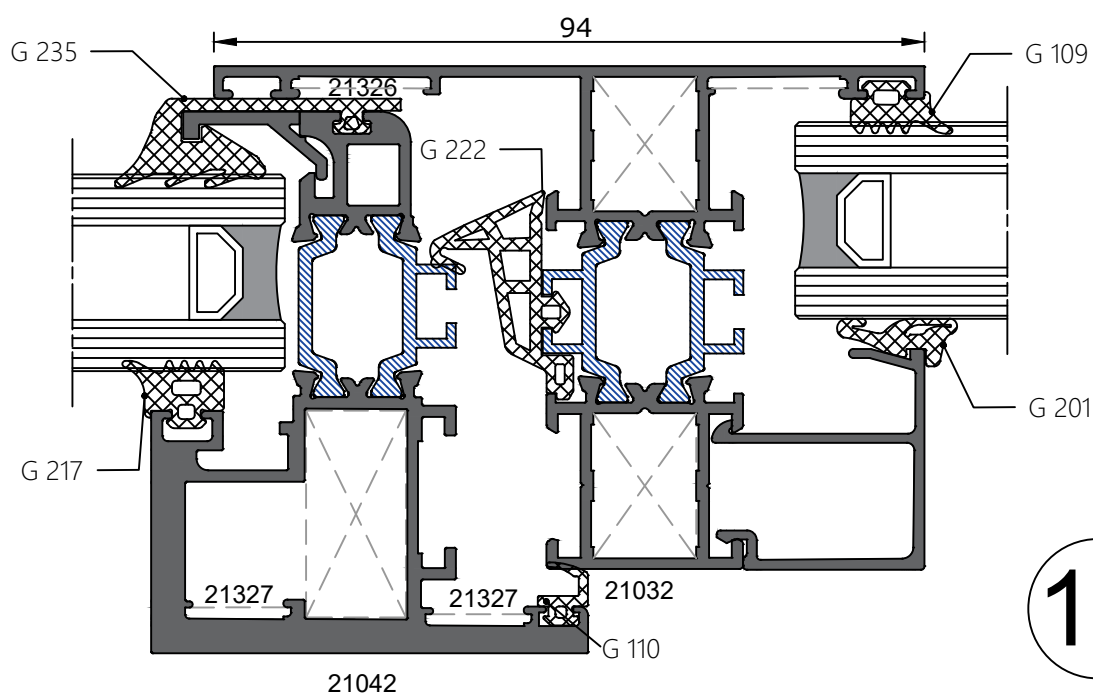
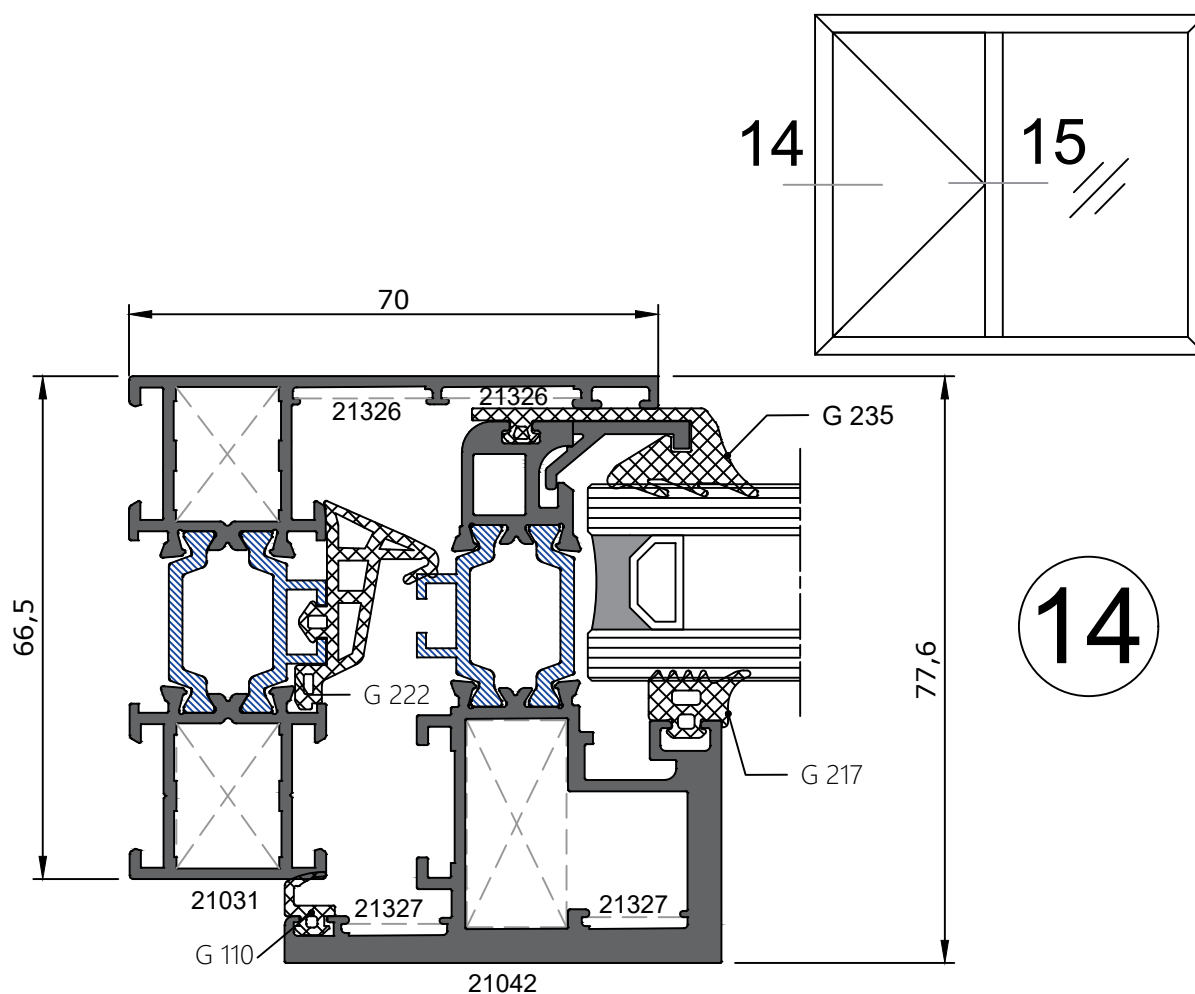
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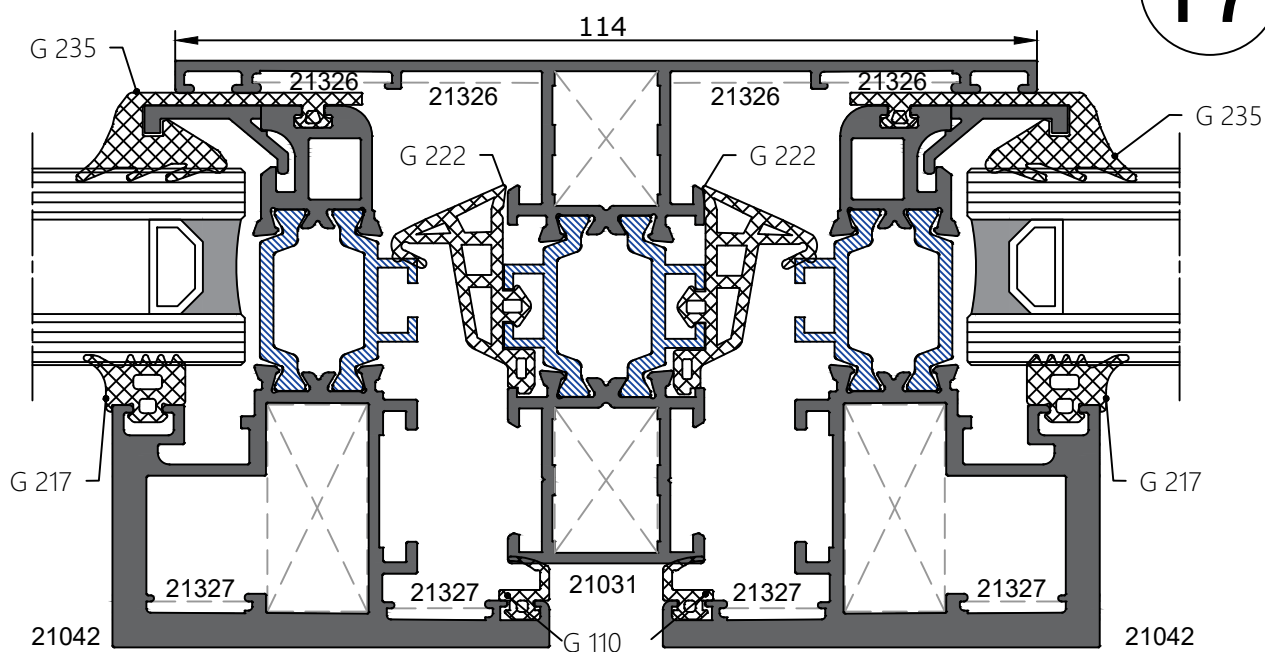
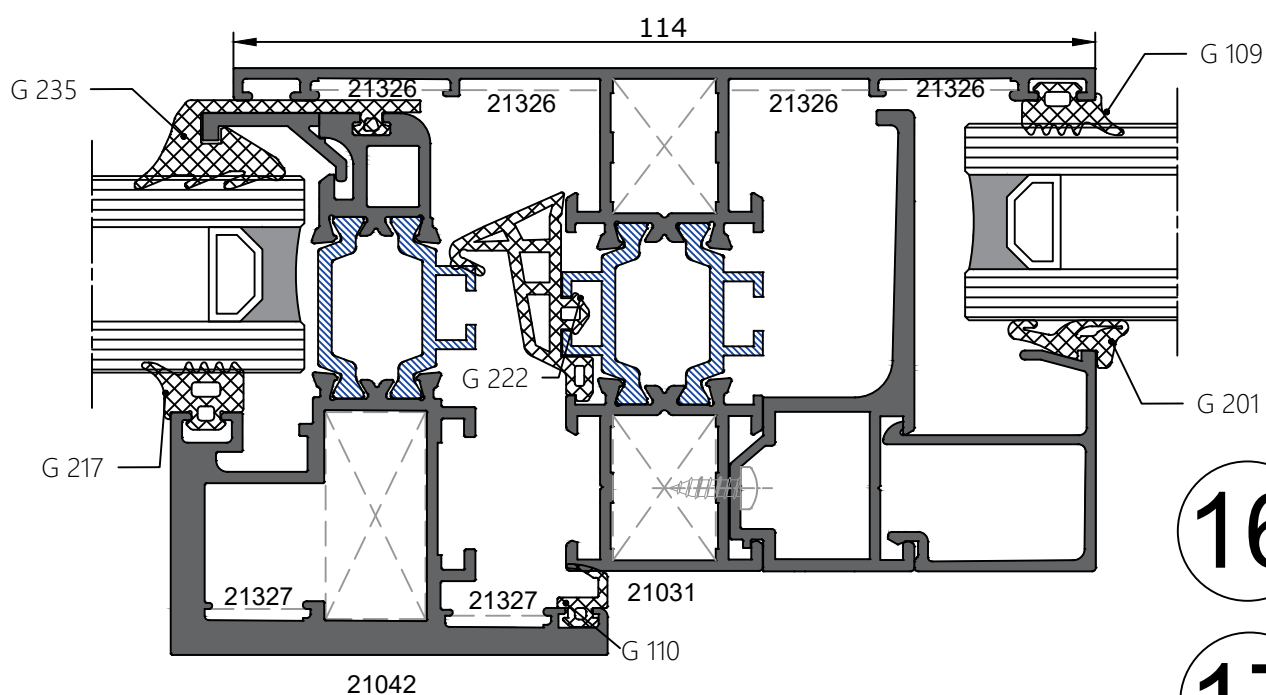
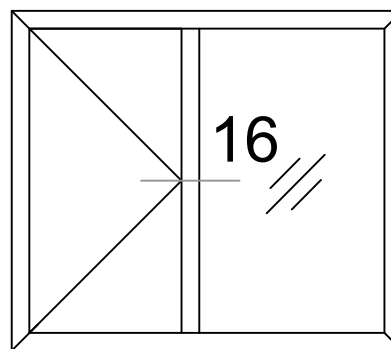
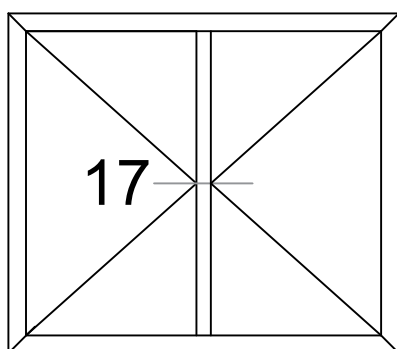


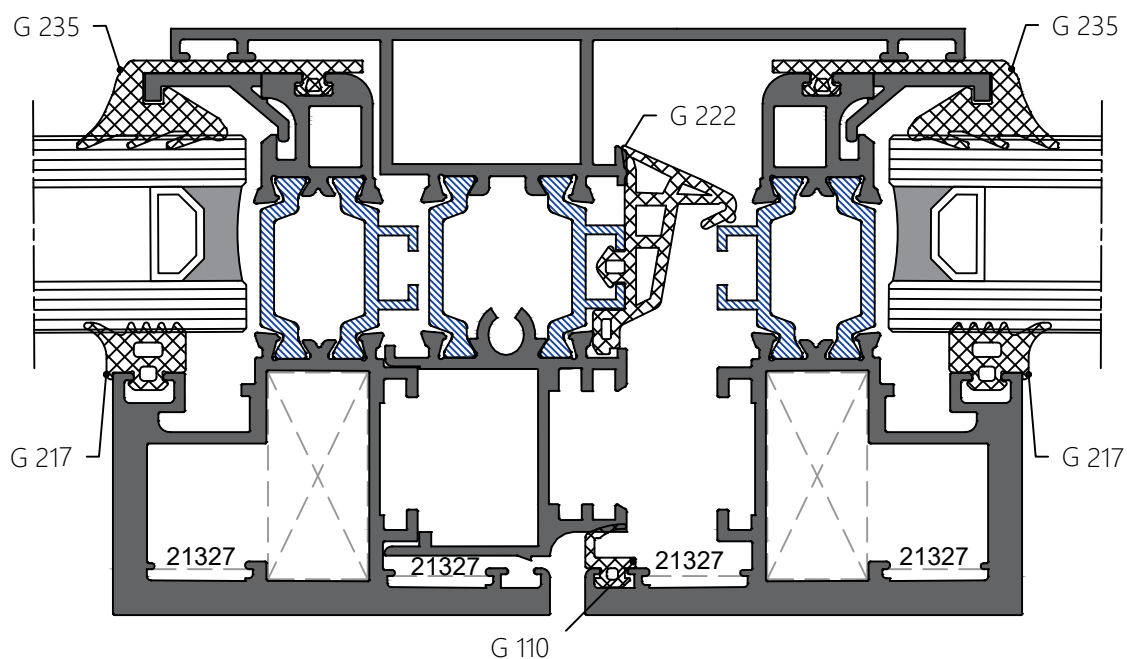
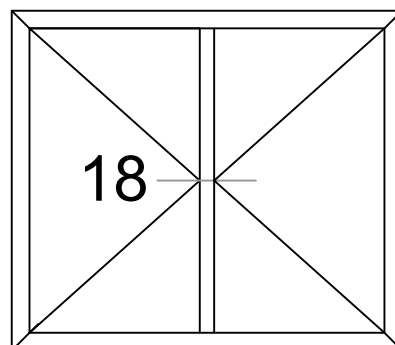
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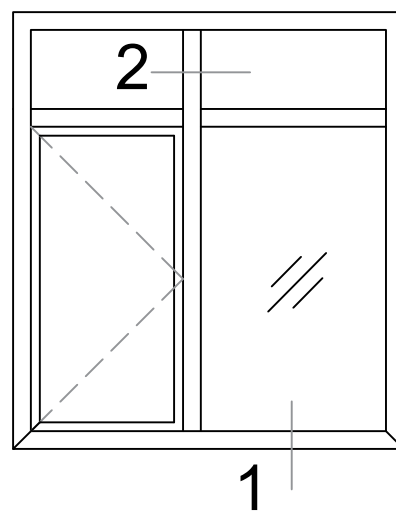
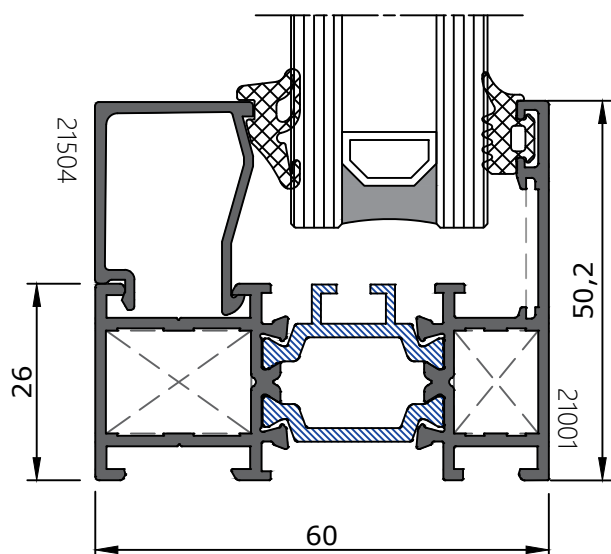
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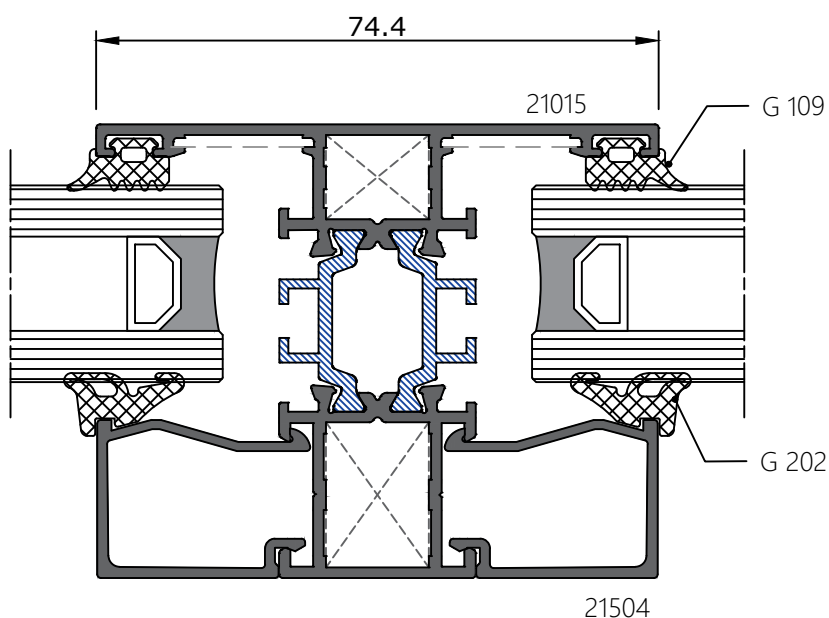




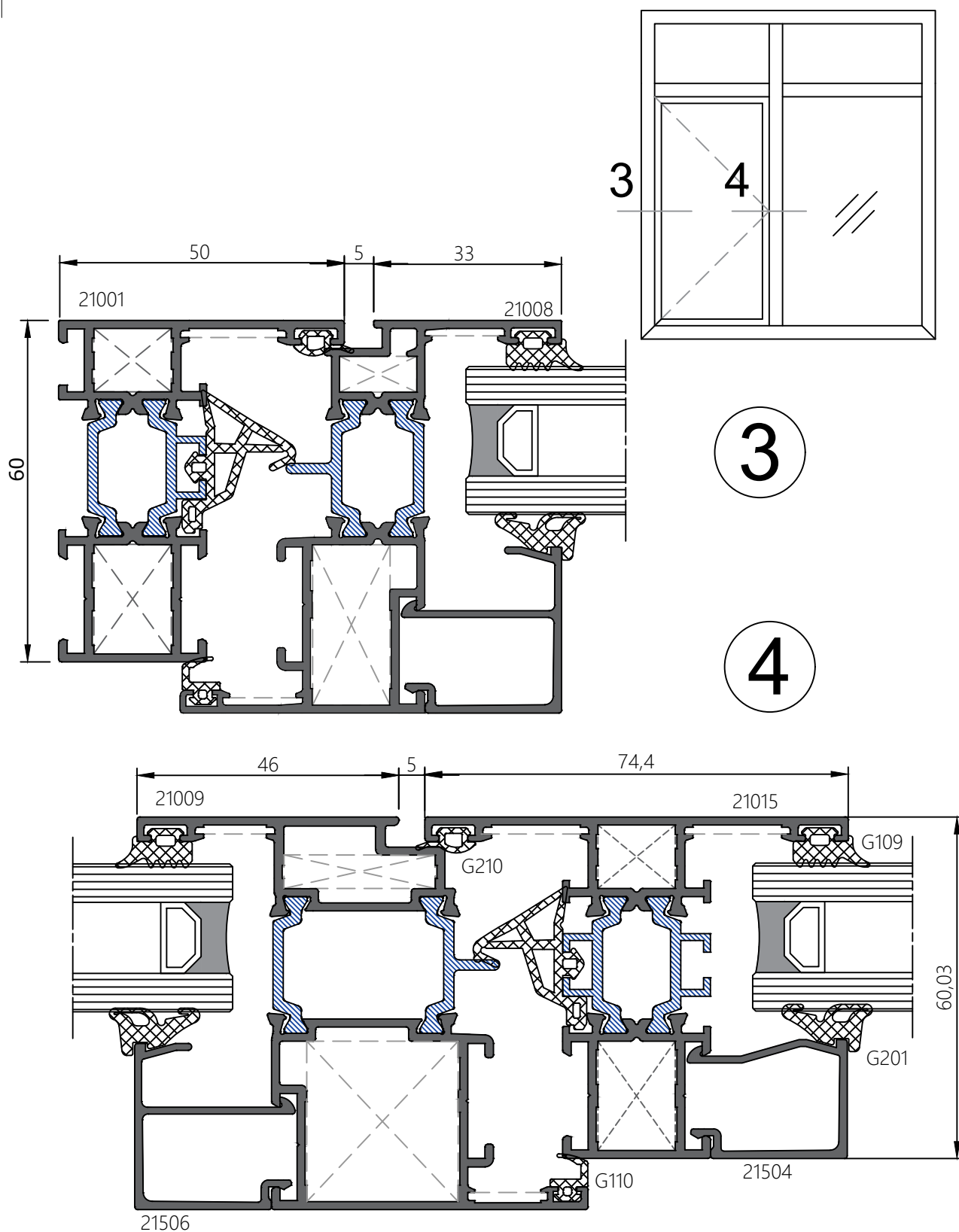
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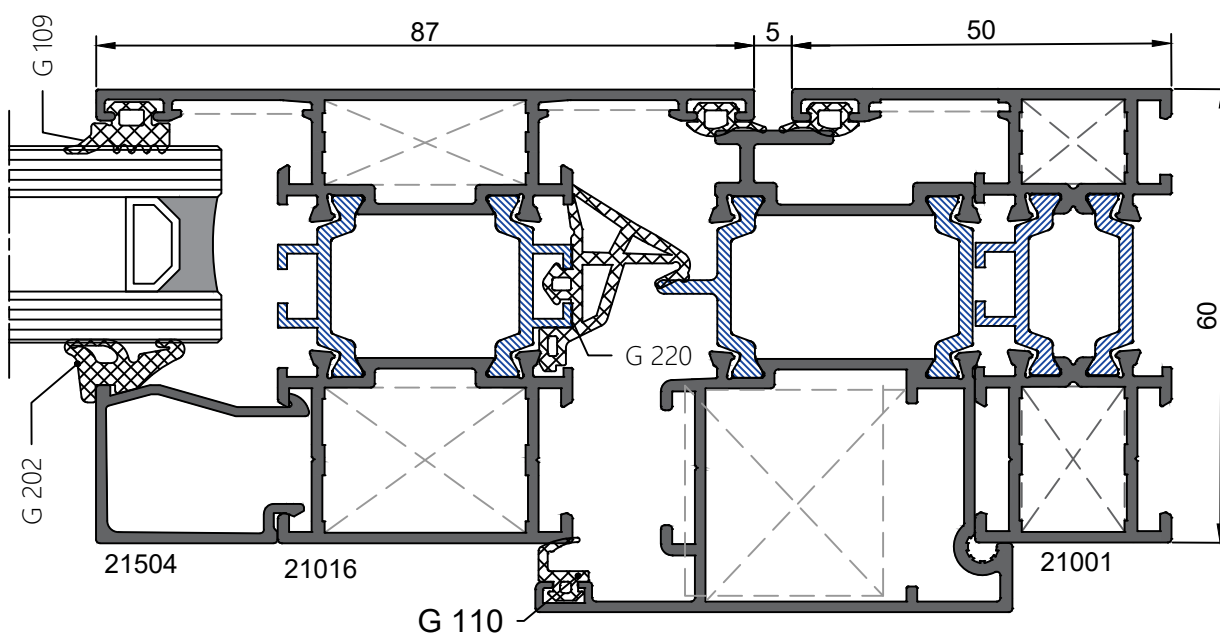
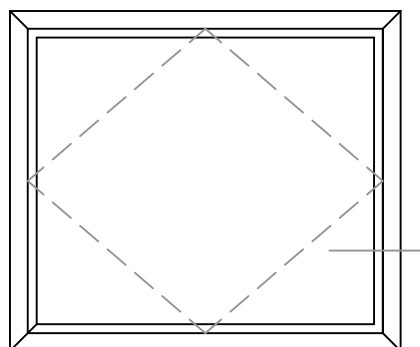


1



2





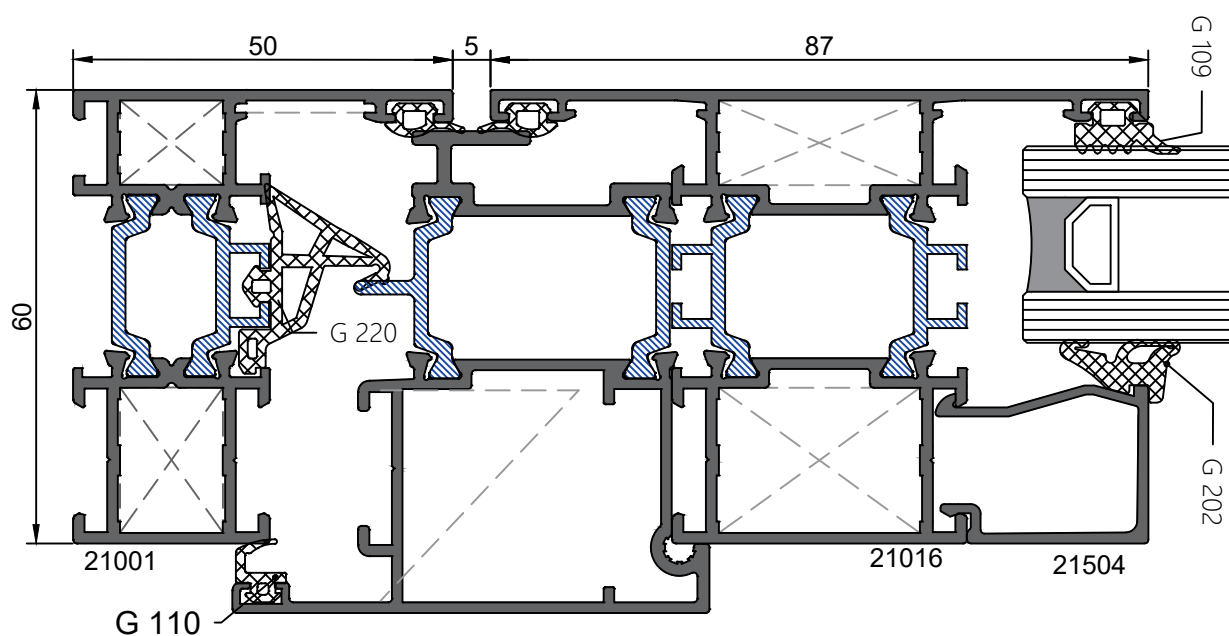
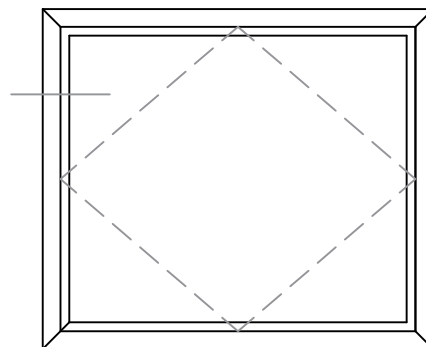
HATCH GUIDE : ● Aluminium

▨ PolyAmid

● PVC

▨ EPDM

● Sponge



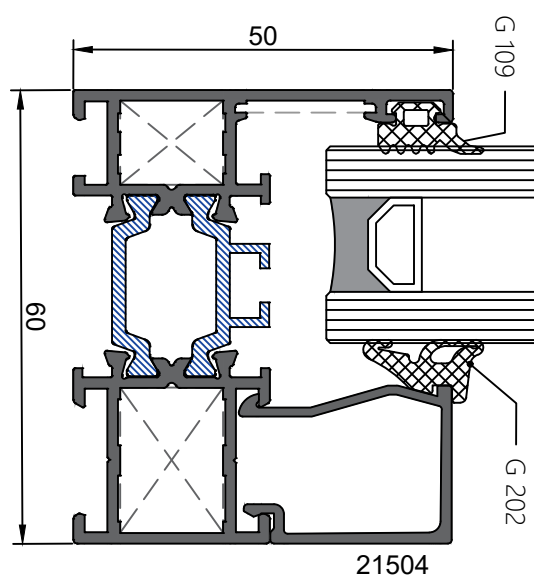
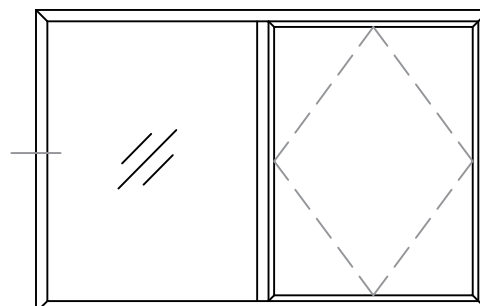
HATCH GUIDE : ● Aluminium

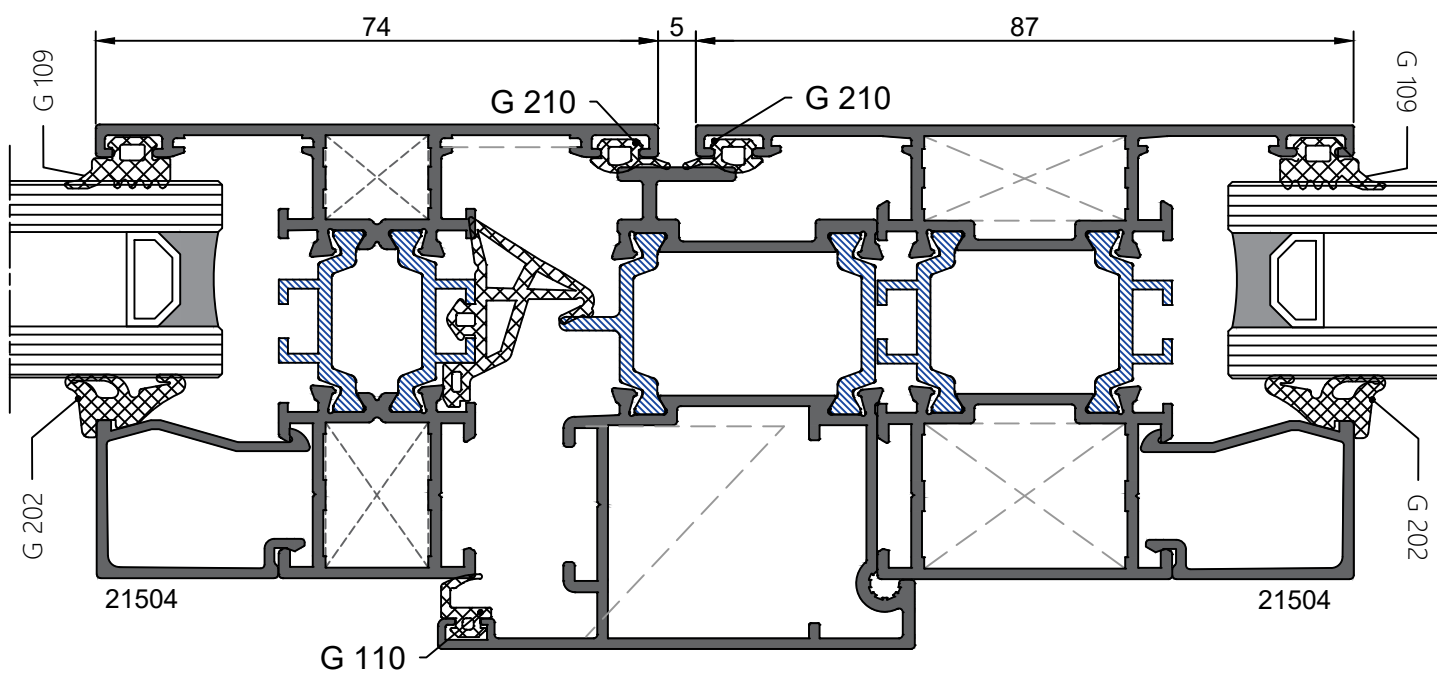
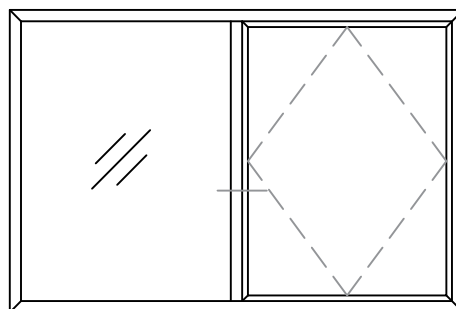
▨ PolyAmid

● PVC

▨ EPDM

● Sponge





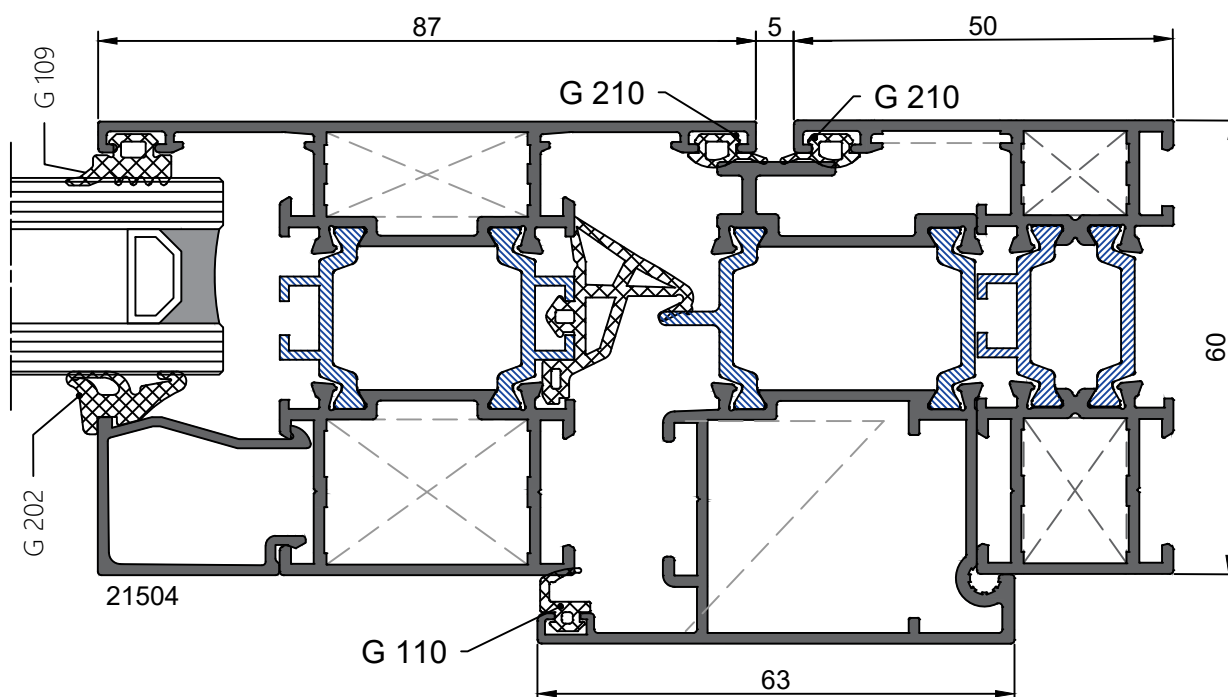
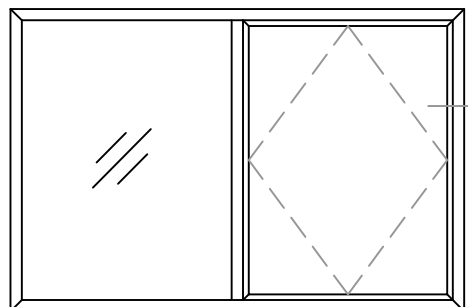
HATCH GUIDE : ● Aluminium

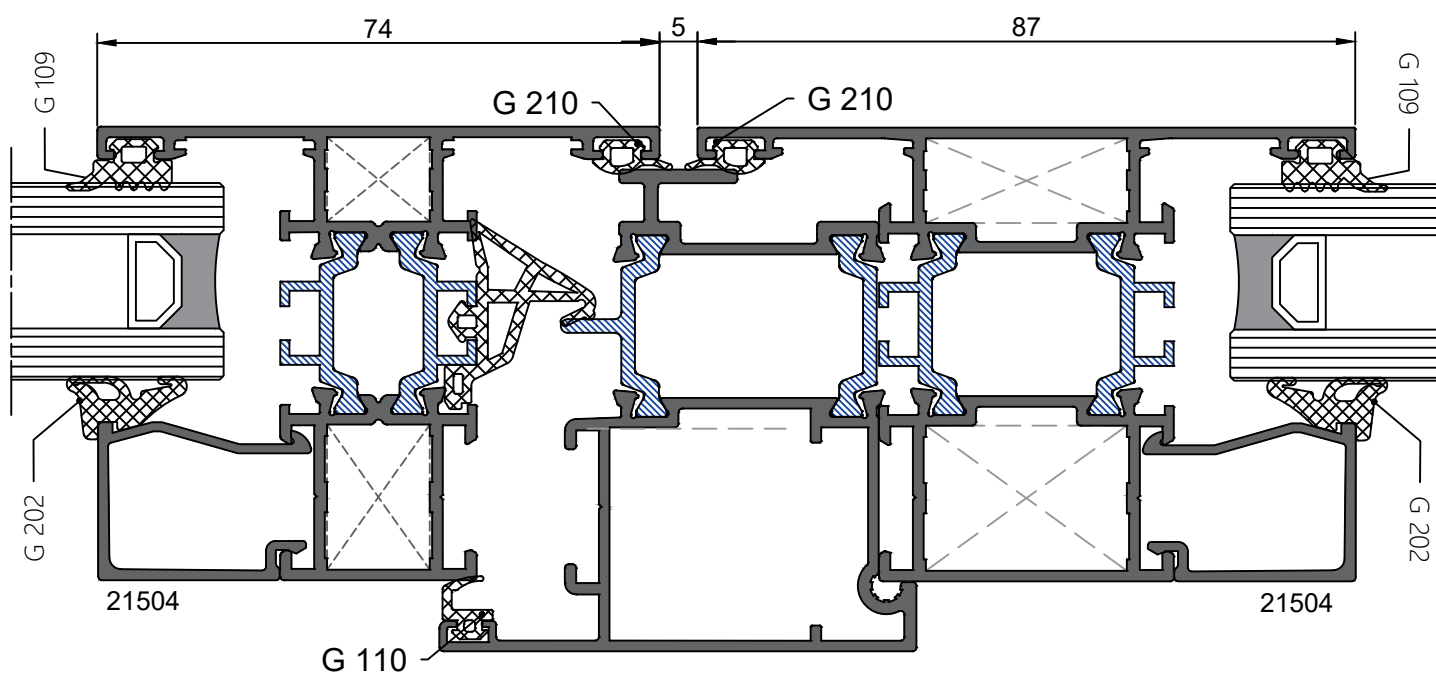
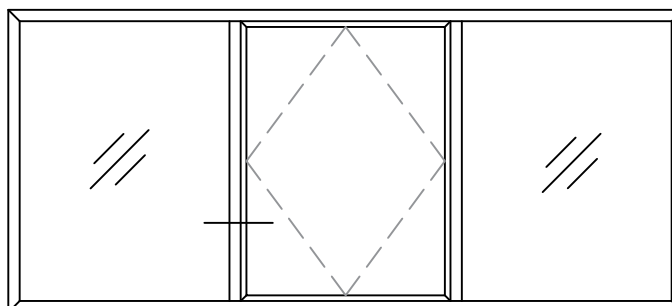
● PolyAmid

● PVC

● EPDM

● Sponge





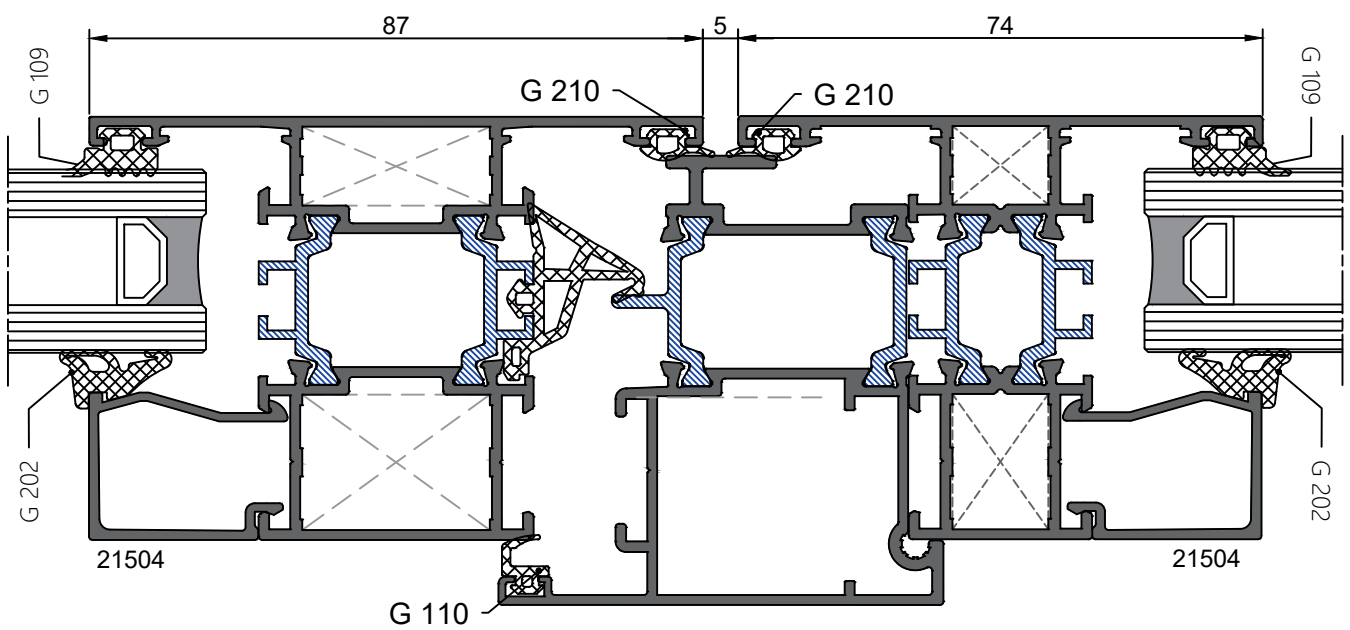
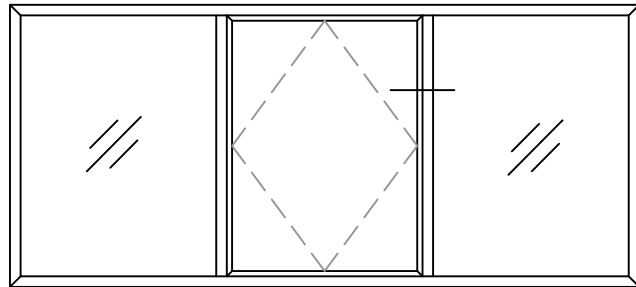
HATCH GUIDE : ● Aluminium

● PolyAmid

● PVC

● EPDM

● Sponge



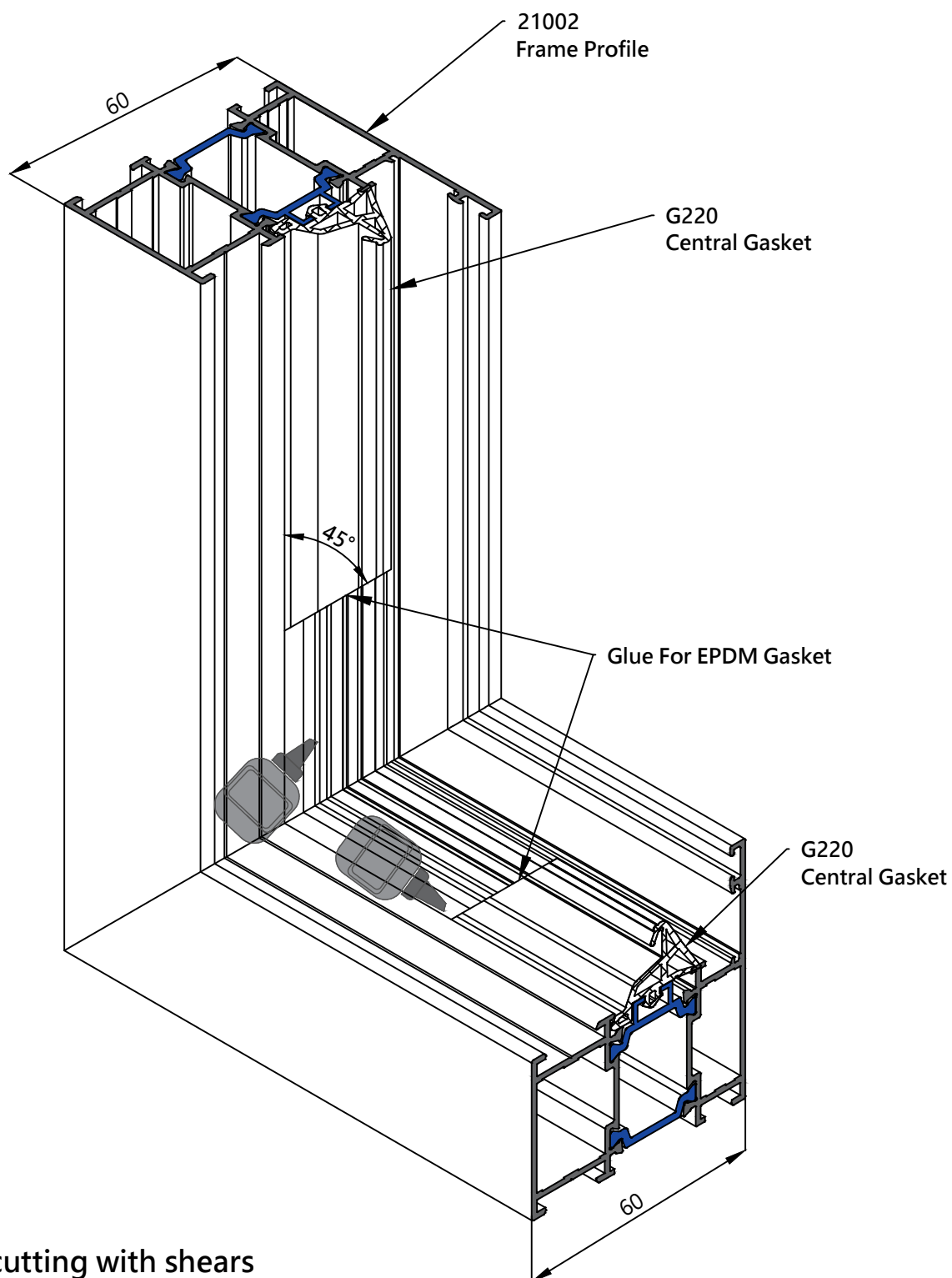
HATCH GUIDE : Aluminium

PolyAmid

PVC

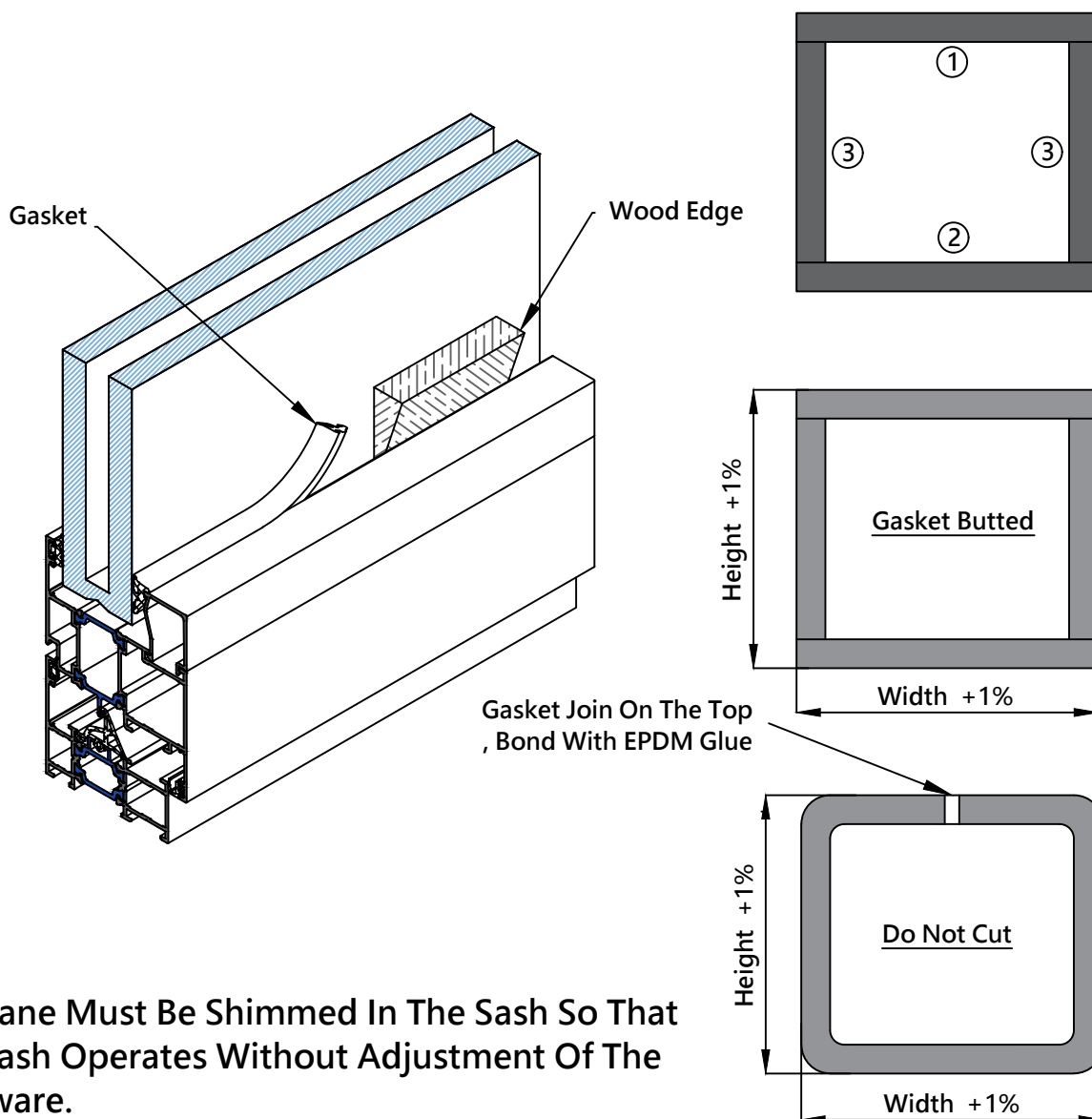
EPDM

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

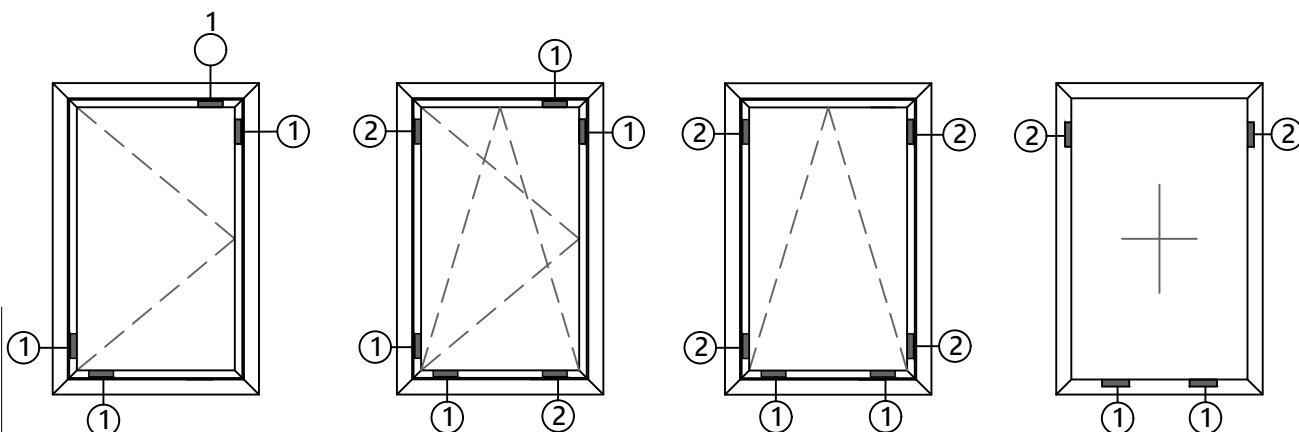
Glazing Bead Assembly Sequence

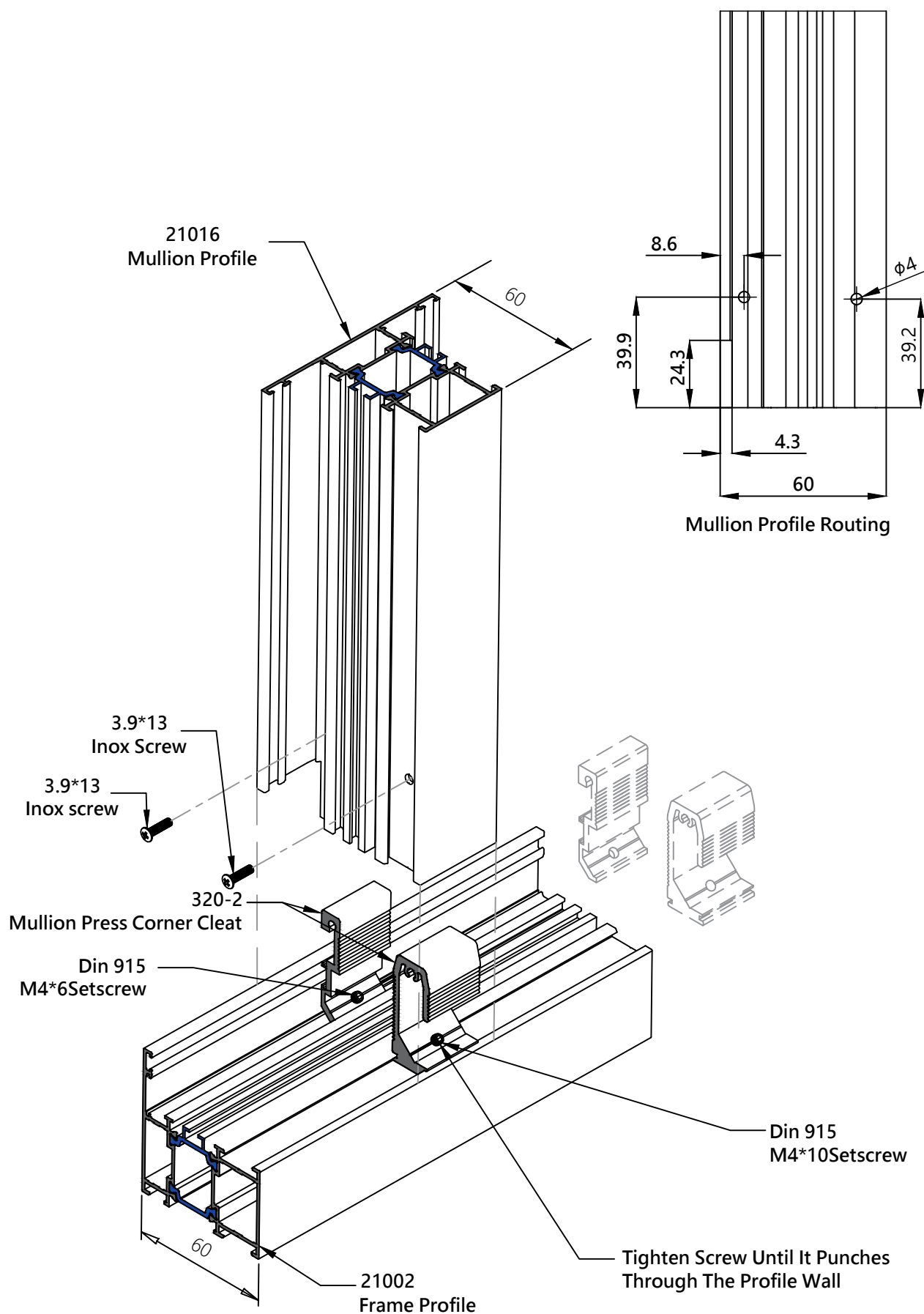


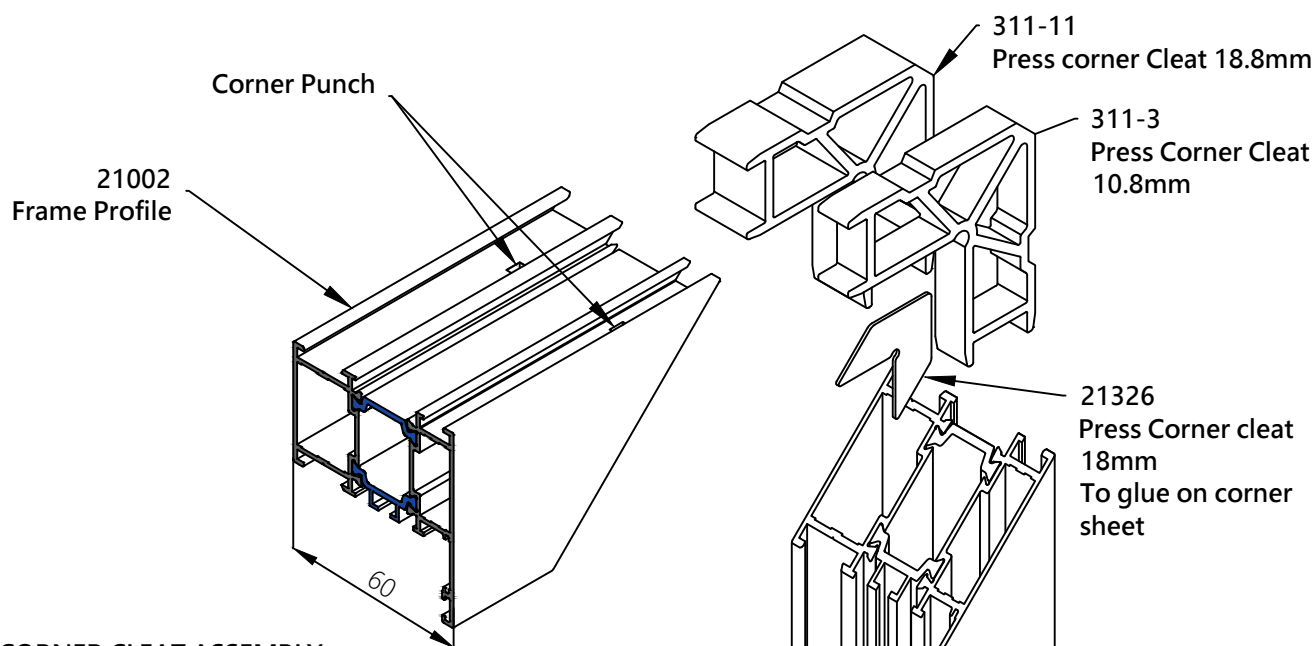
The Pane Must Be Shimmed In The Sash So That The Sash Operates Without Adjustment Of The Hardware.

SHIMMING INSTRUCTIONS

- ① SUPPORTING SHIM ② Distance shim

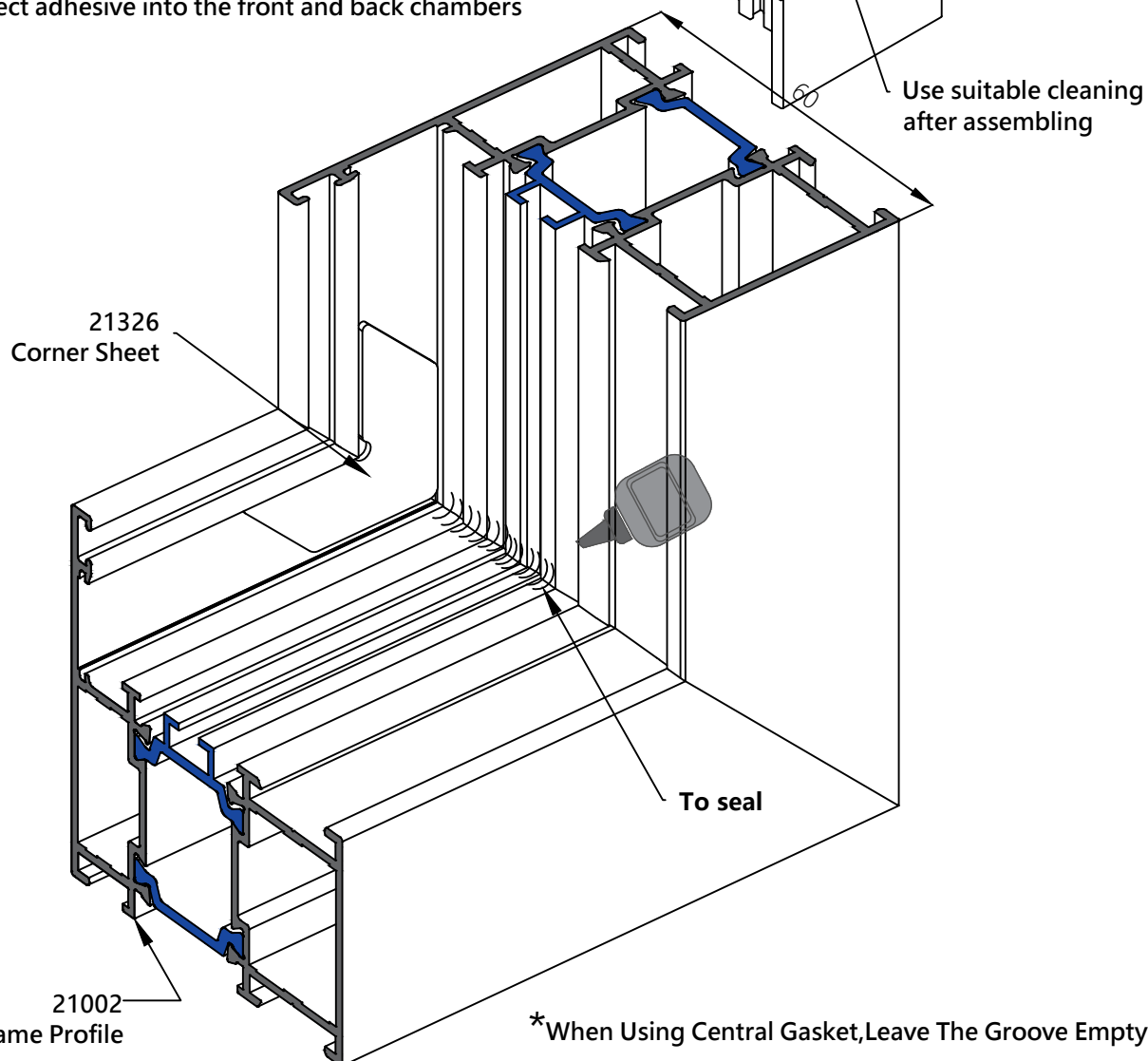




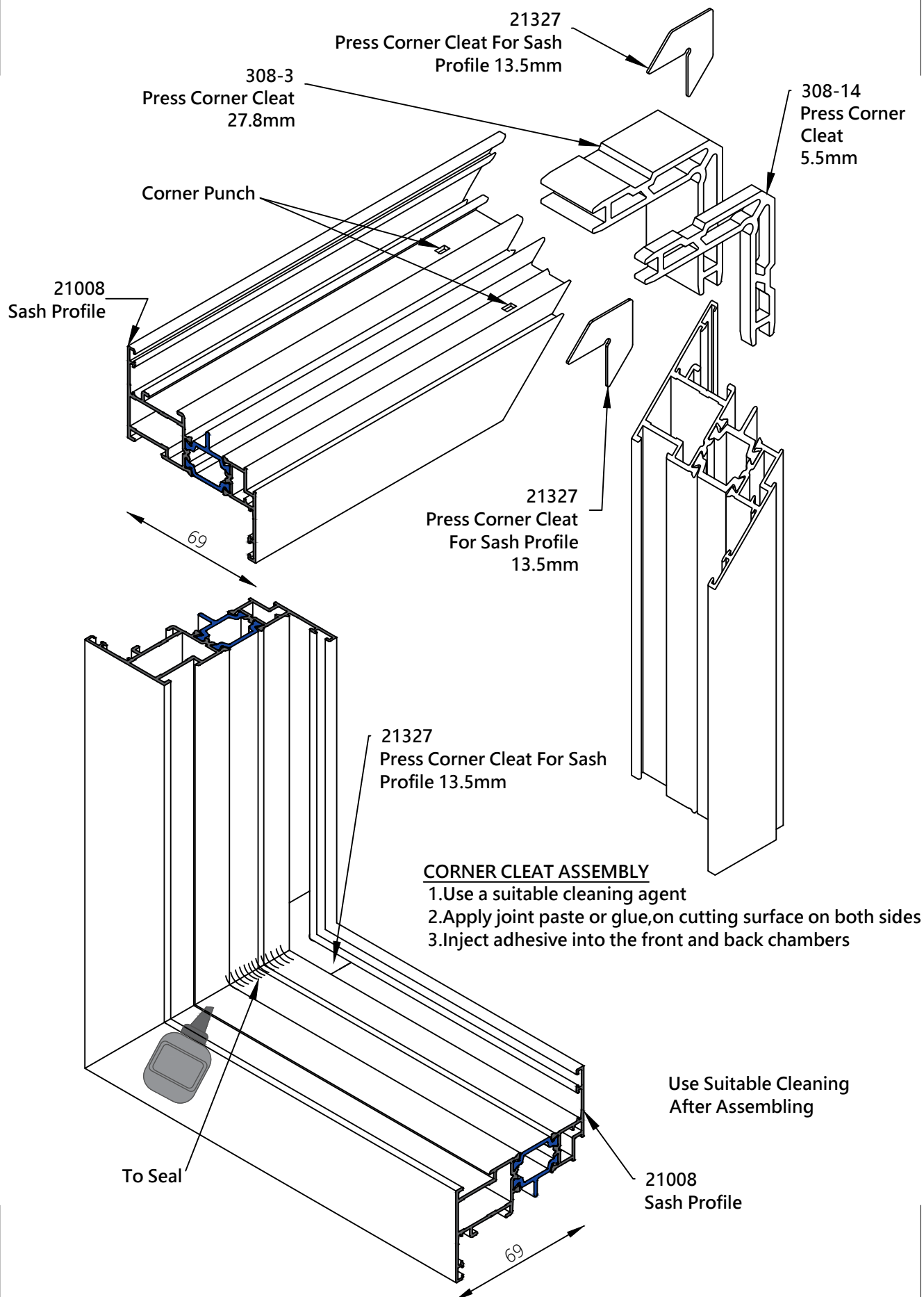


CORNER CLEAT ASSEMBLY

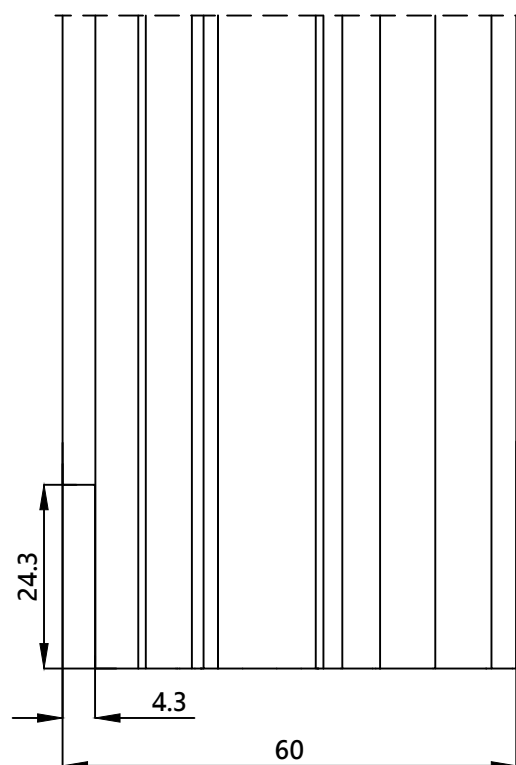
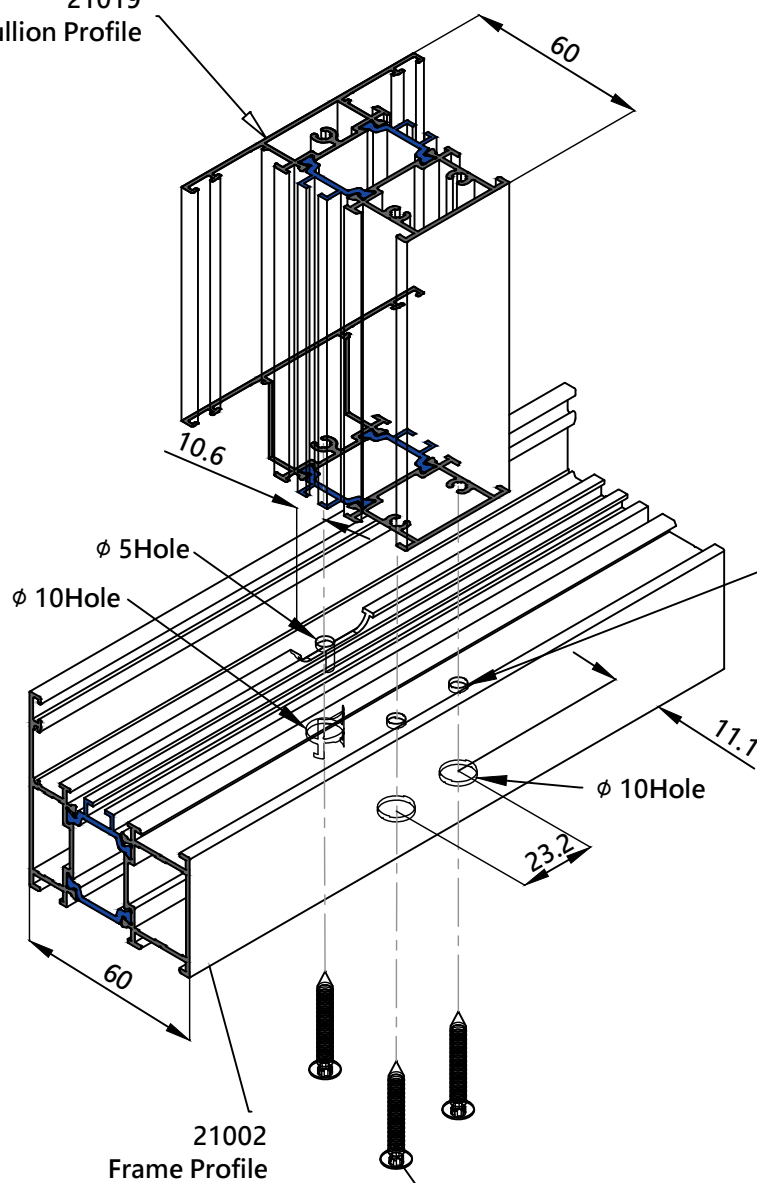
1. Use a suitable cleaning agent
2. Apply joint paste or glue, on cutting surface on both sides
3. Inject adhesive into the front and back chambers



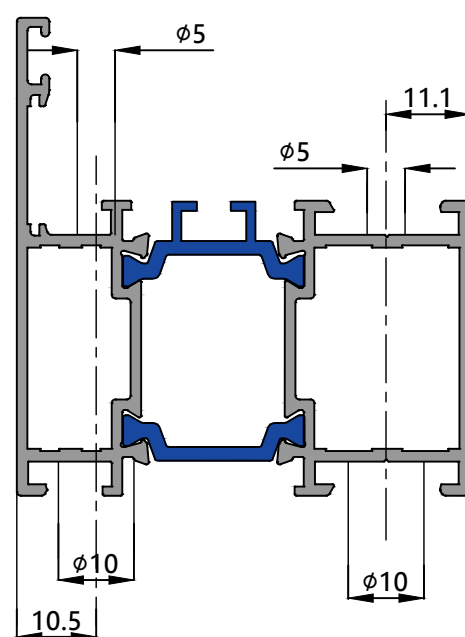
*When Using Central Gasket, Leave The Groove Empty



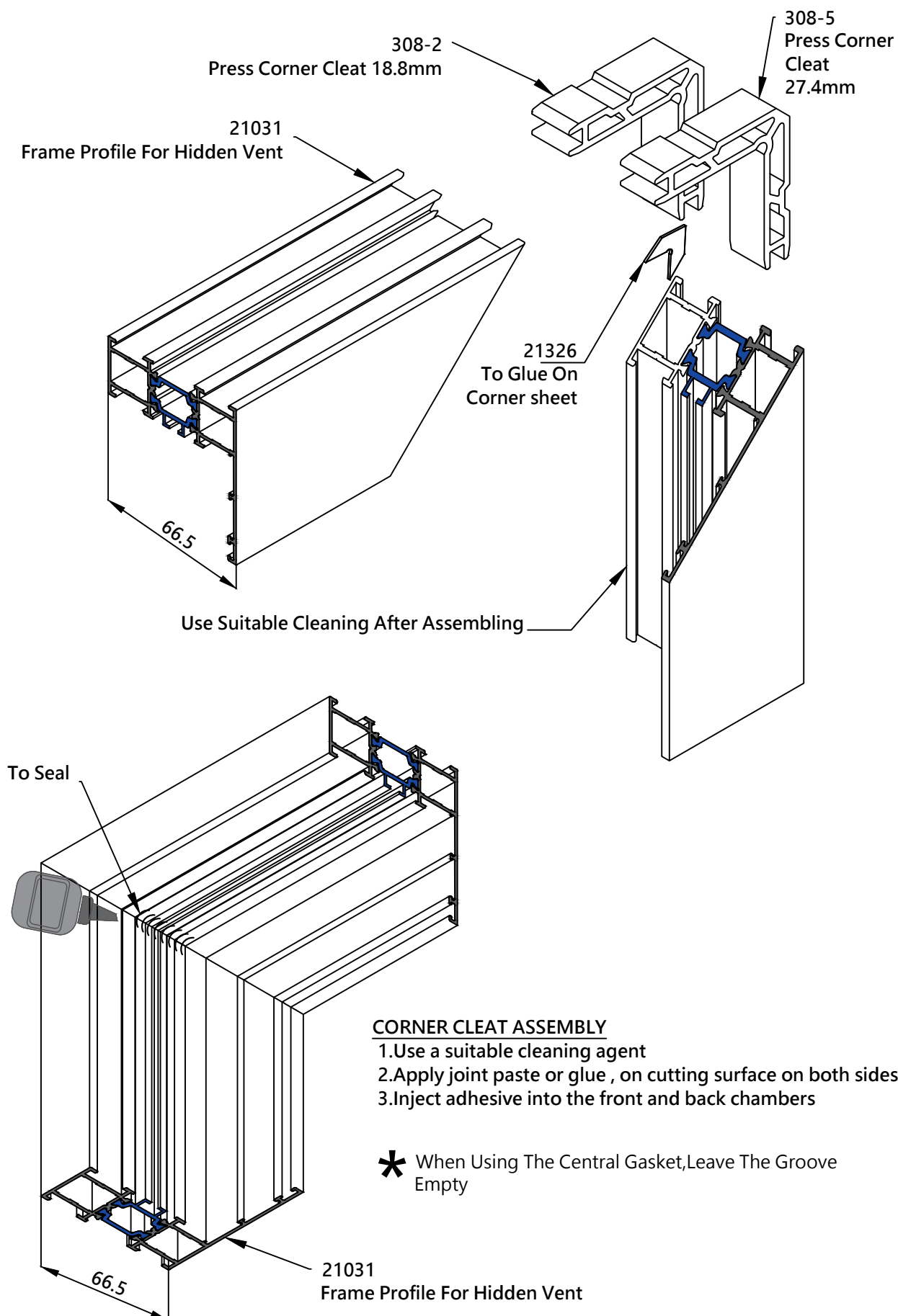
21019
Mullion Profile

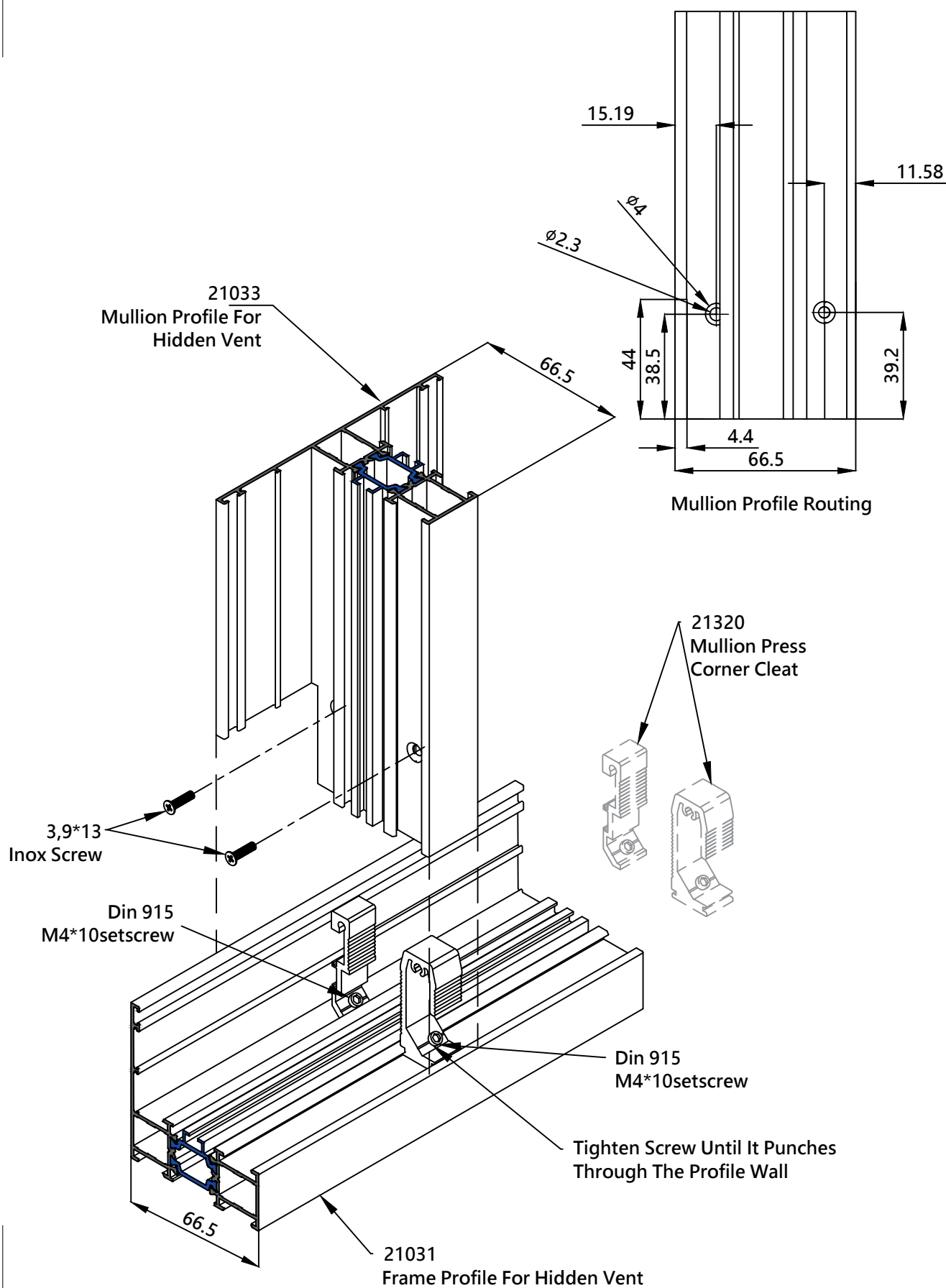


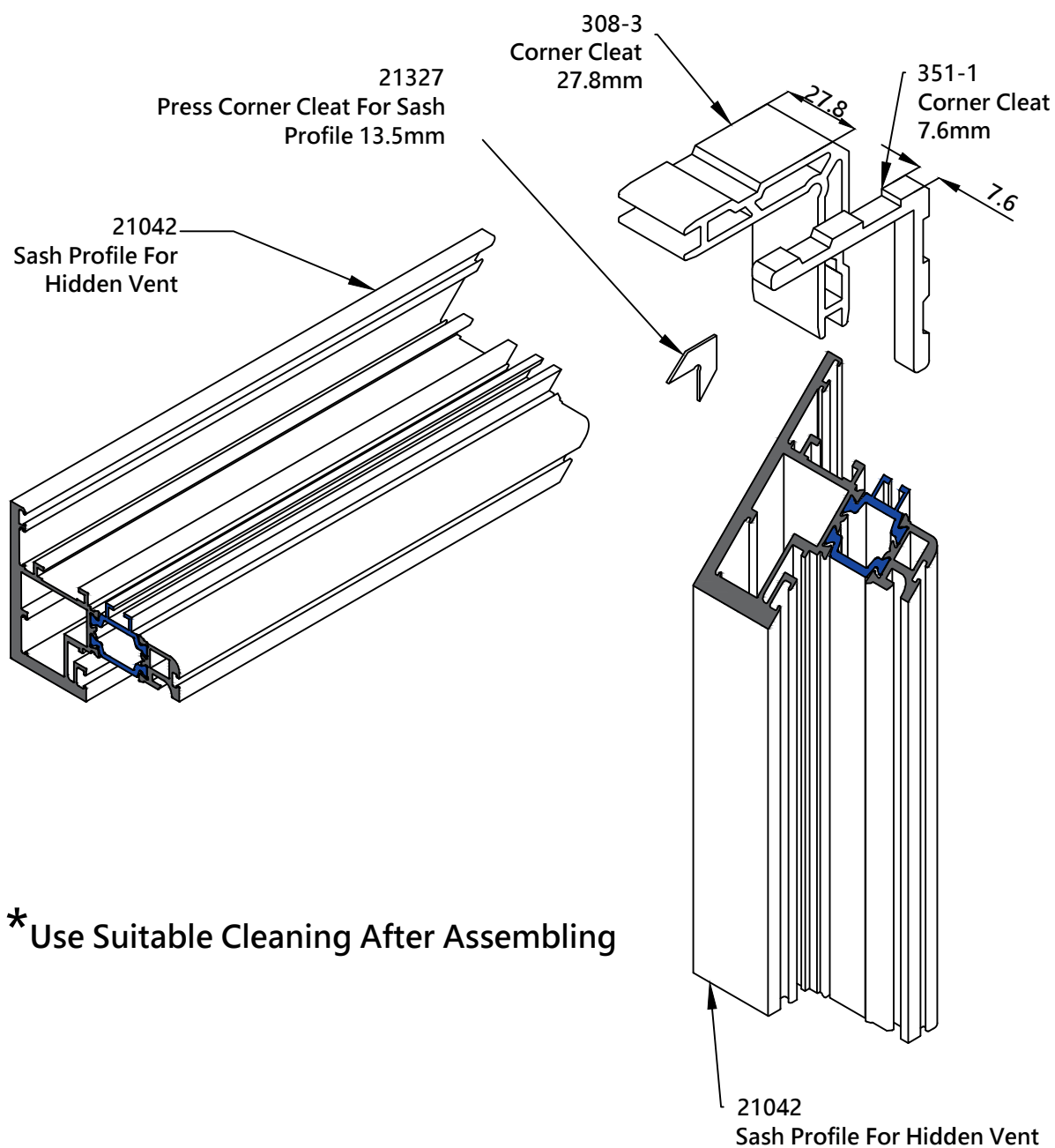
Mullion Profile Routing



Frame Profile Drilling

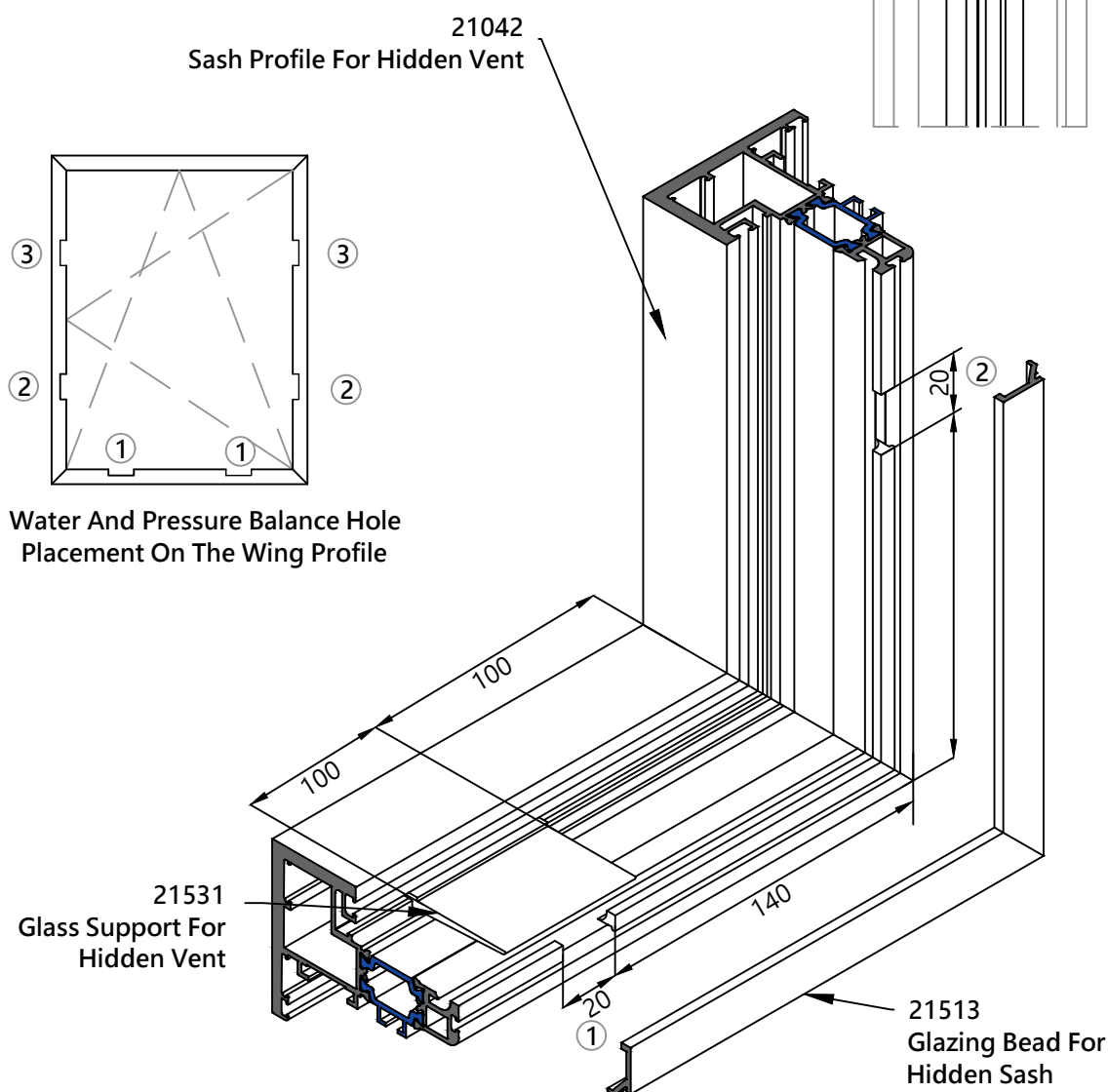
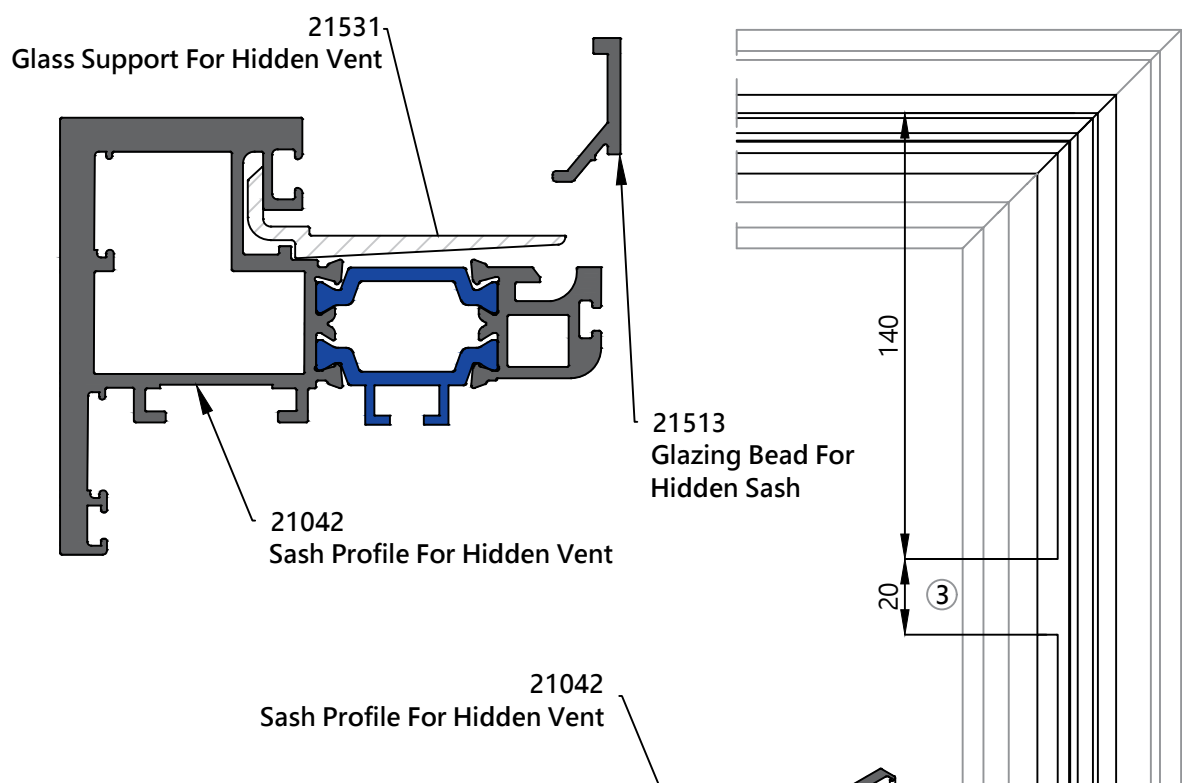




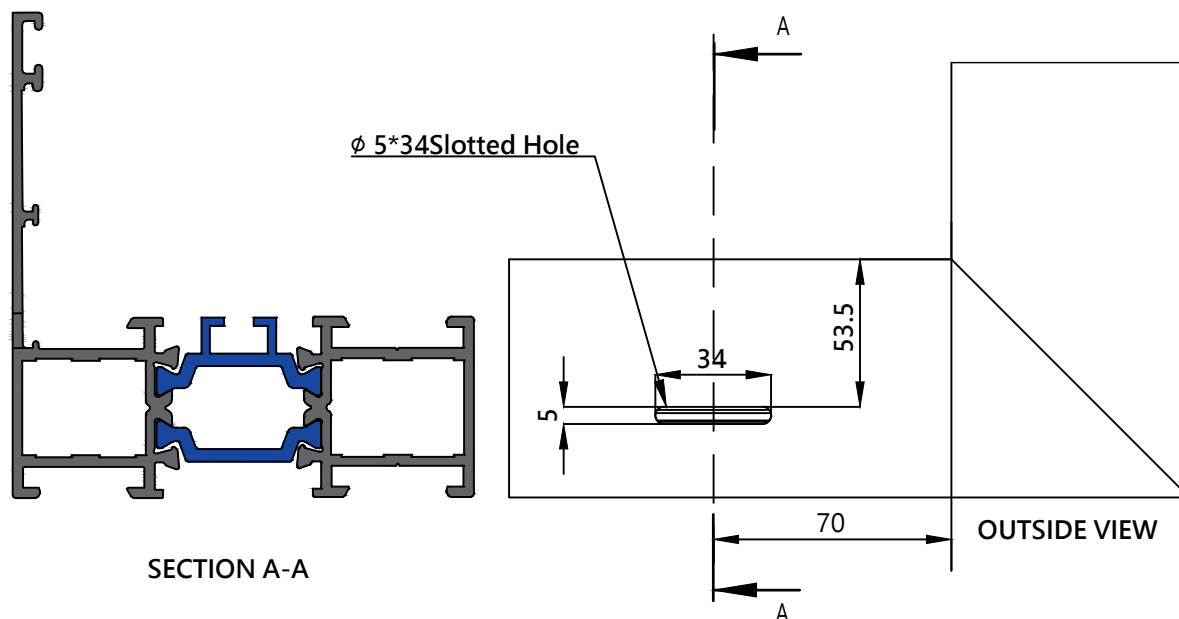


CORNER CLEAT ASSEMBLY

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

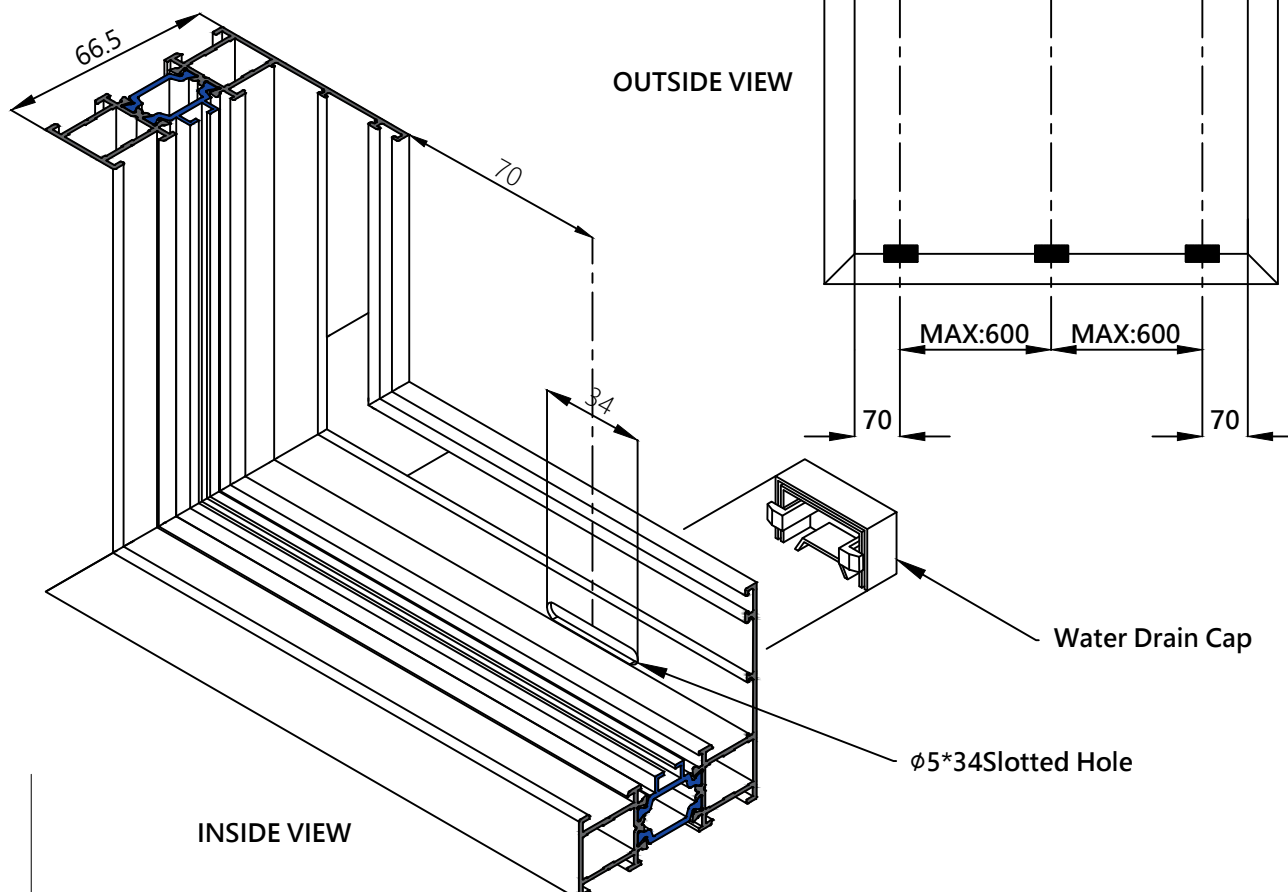


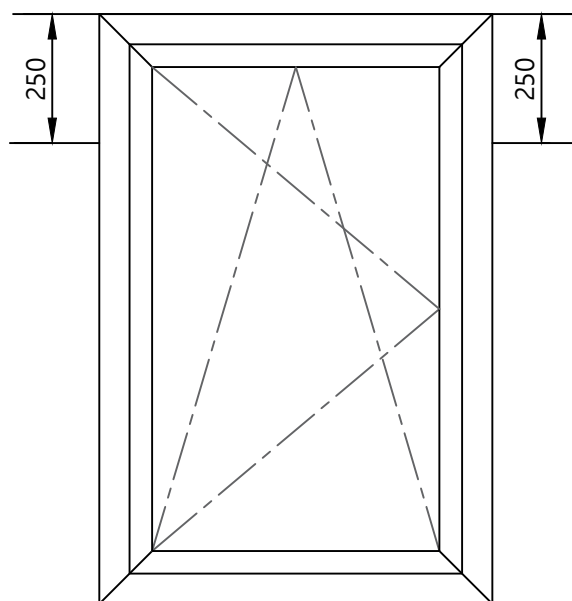




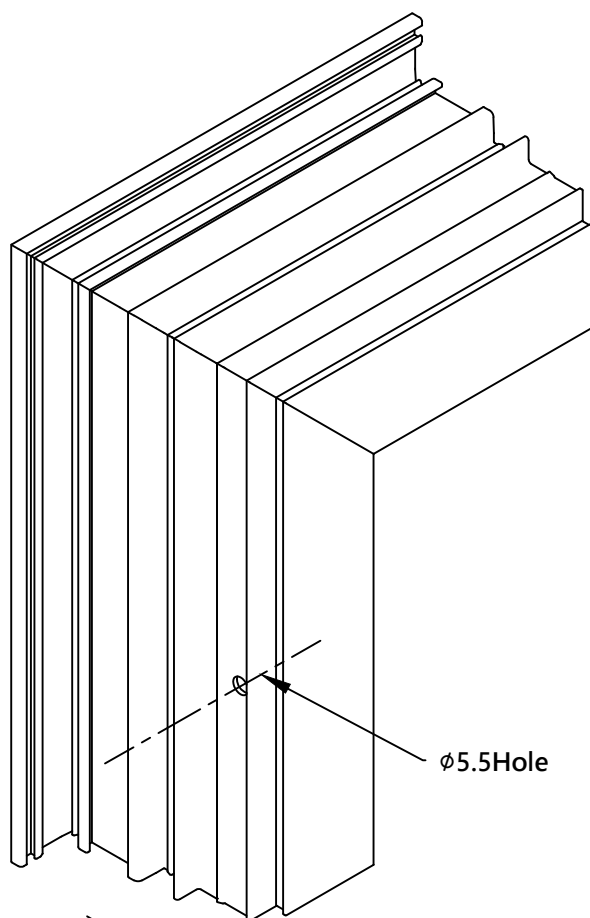
COMMENDATION OF DRAINAGE WORKS

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

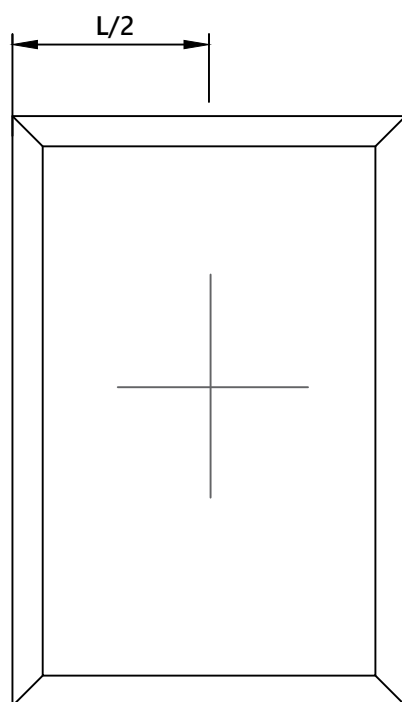




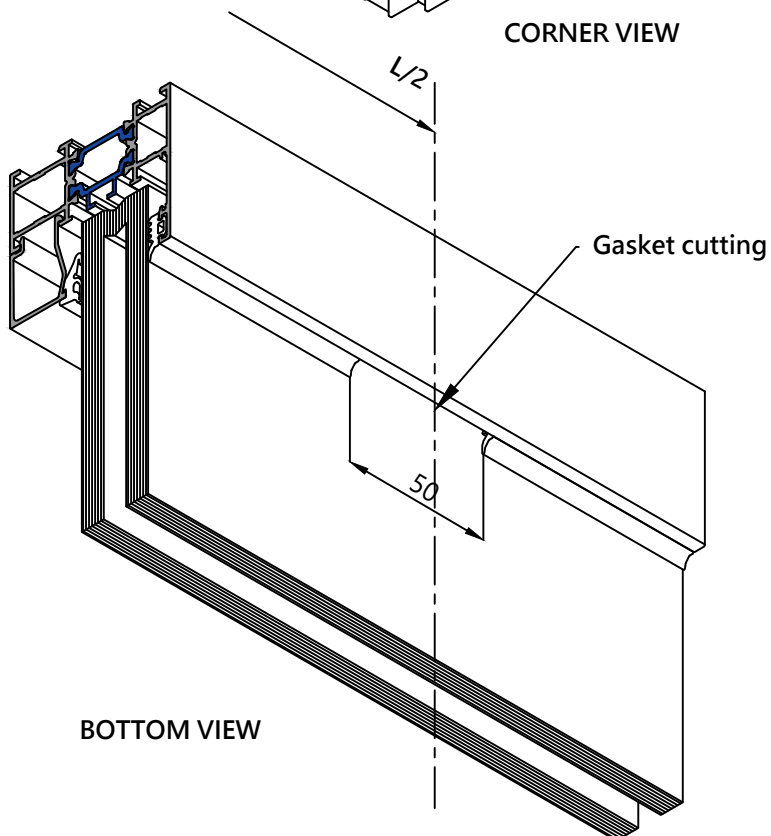
DECOMPRESSION IN SASH



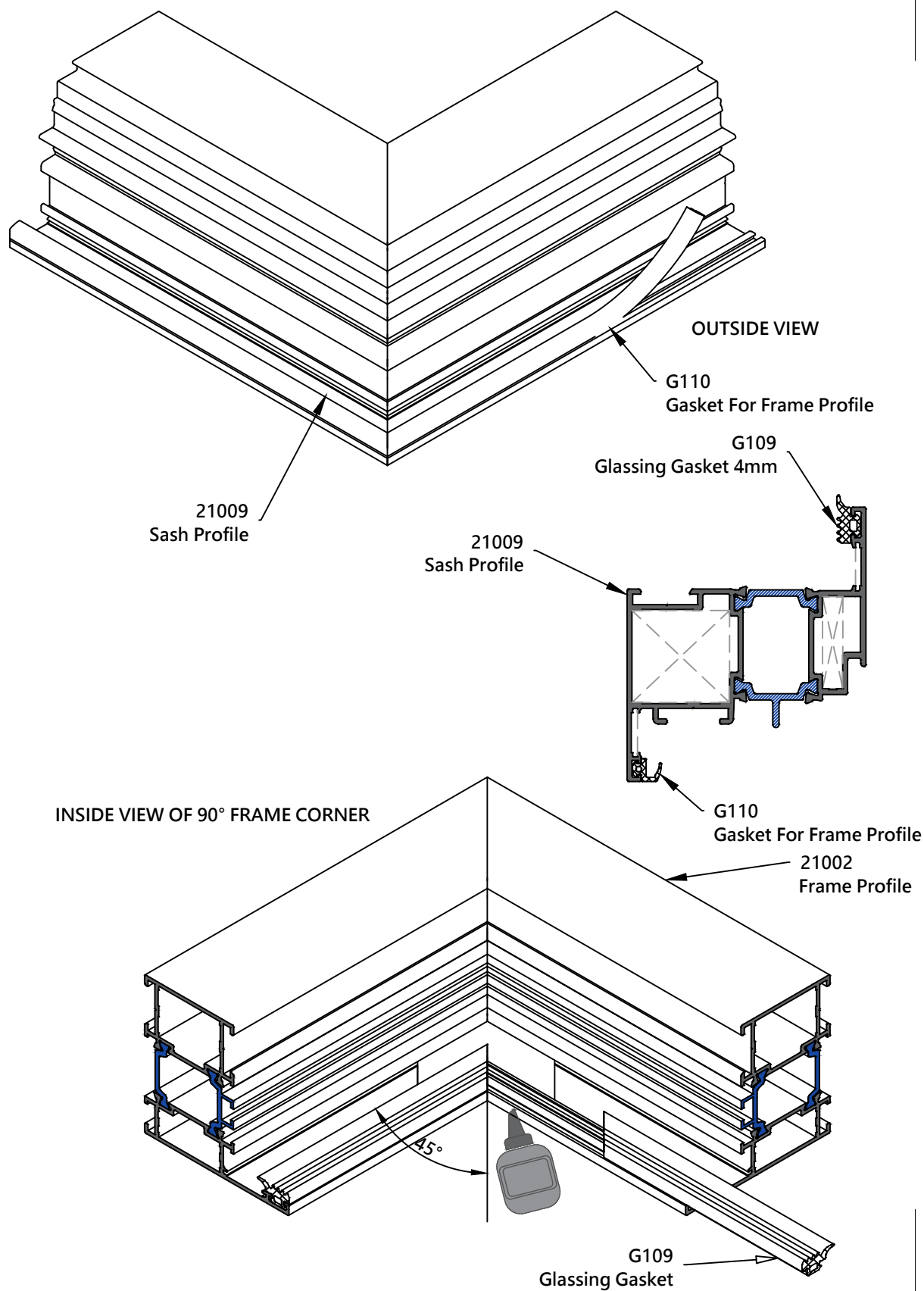
CORNER VIEW

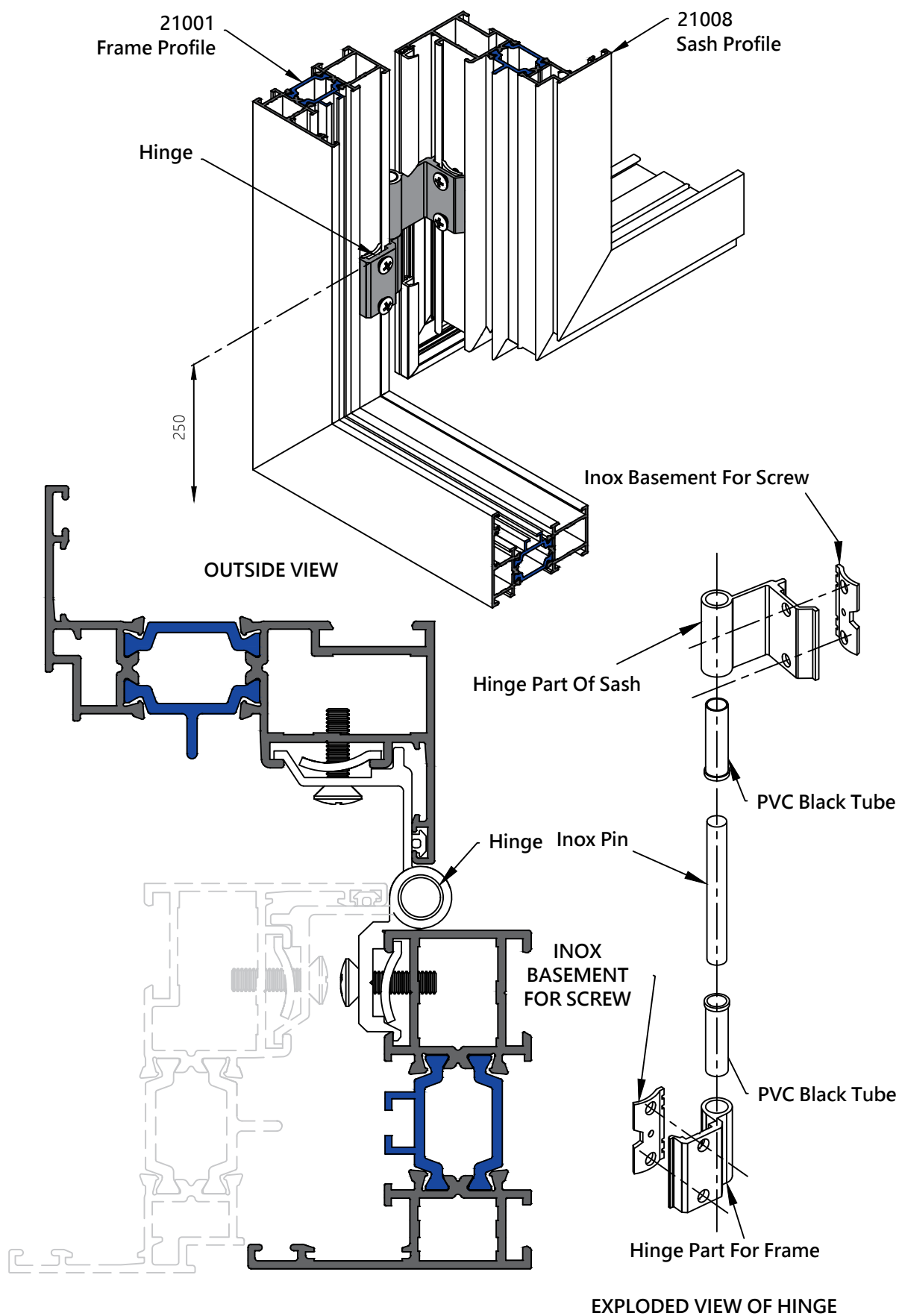


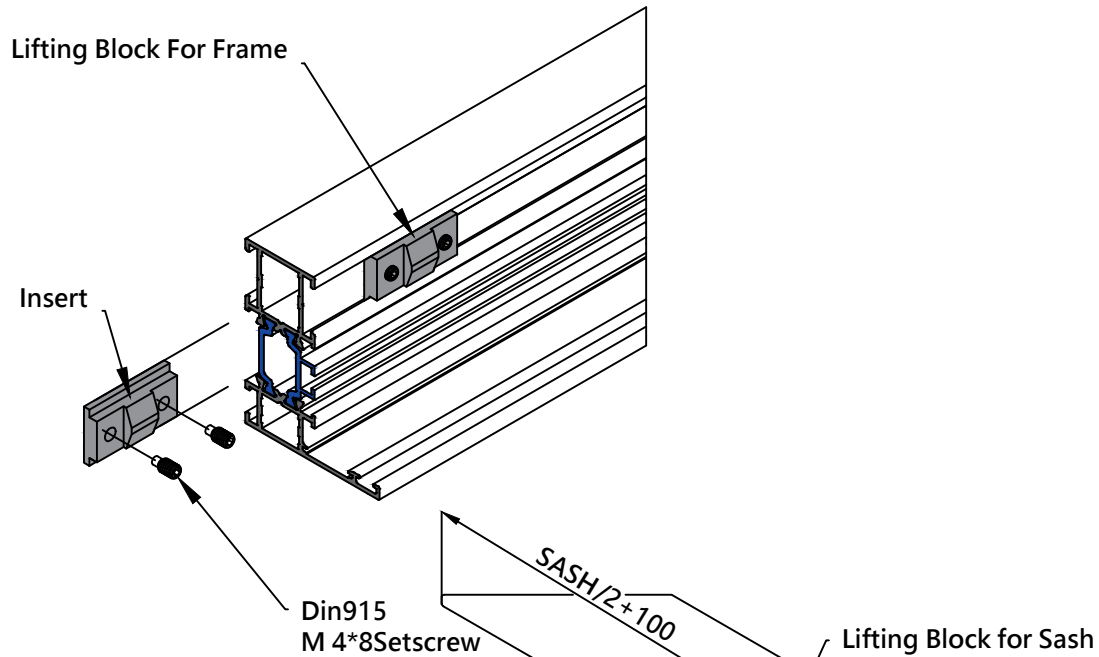
DECOMPRESSION IN FIXED WINDOW



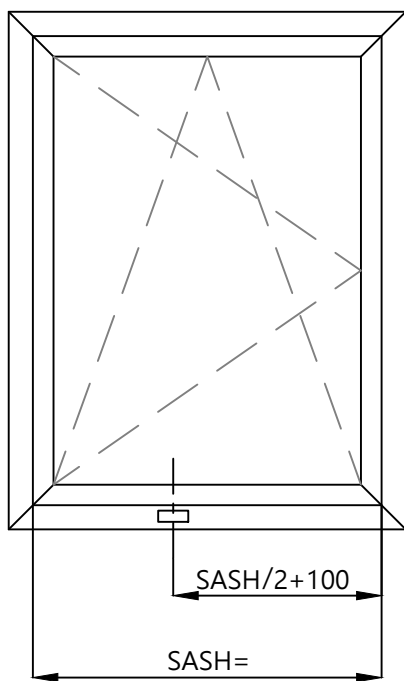
BOTTOM VIEW







* Tighten Screw Until It Punches Through The Profile Wall



OUTSIDE VIEW
For All Accessories: If SASH 1200>mm

