SYSTEM LEGEND 13'50F

CLASSIC CURTAIN WALL



ARCHITECTURAL CATALOGUE

EDITION : 07 / 2006

Aluminium System

KURTOGLU
ALÜMINYUM

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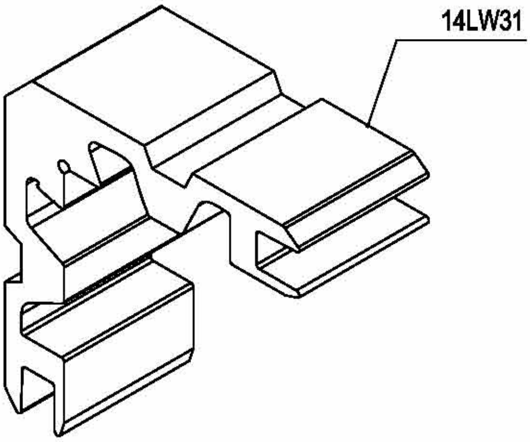
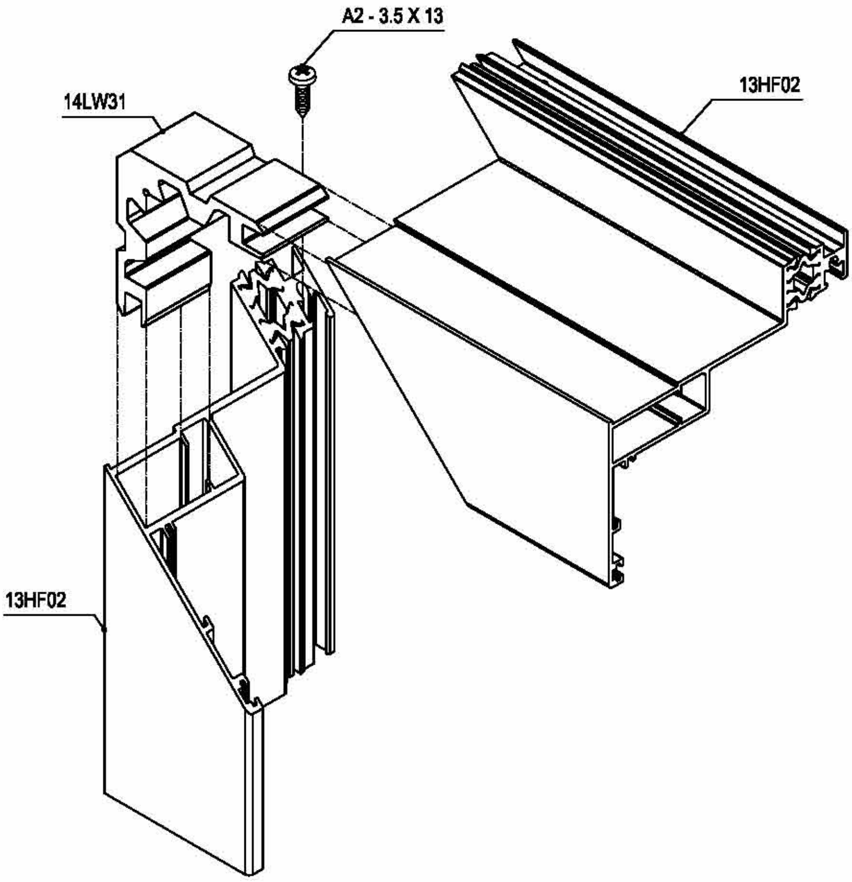
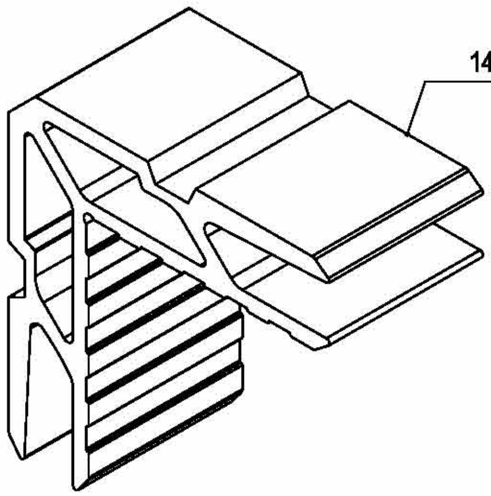
CORNER CLEATS



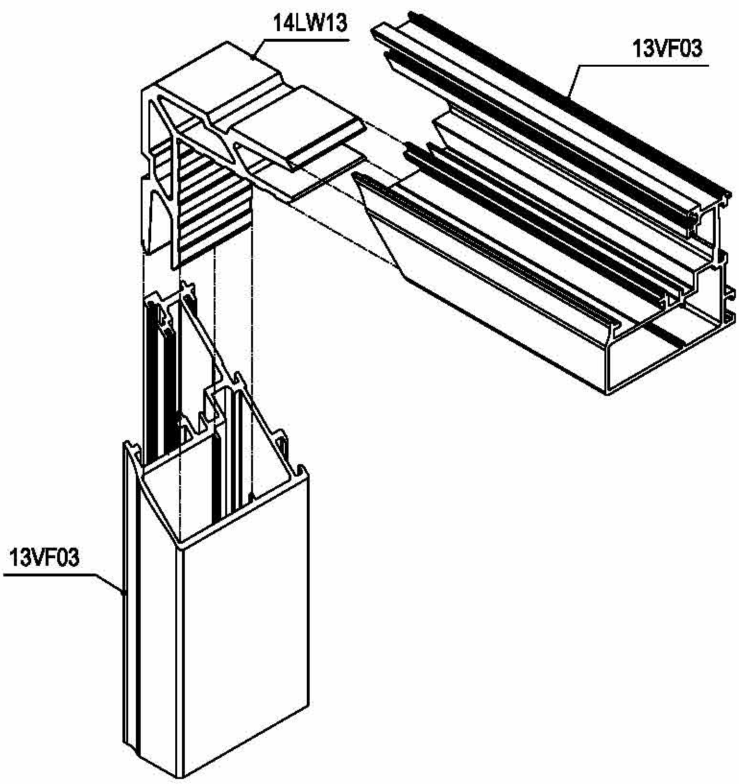
CORNER CLEATS 11 / 55		
PROFILE CODE	14LW31	THEORETICAL WEIGHT kg/mt 2.296
PIECE CODE	CUTTING SIZES L (mm)	APPLICATION ON
–––	24.2 mm	13HF02



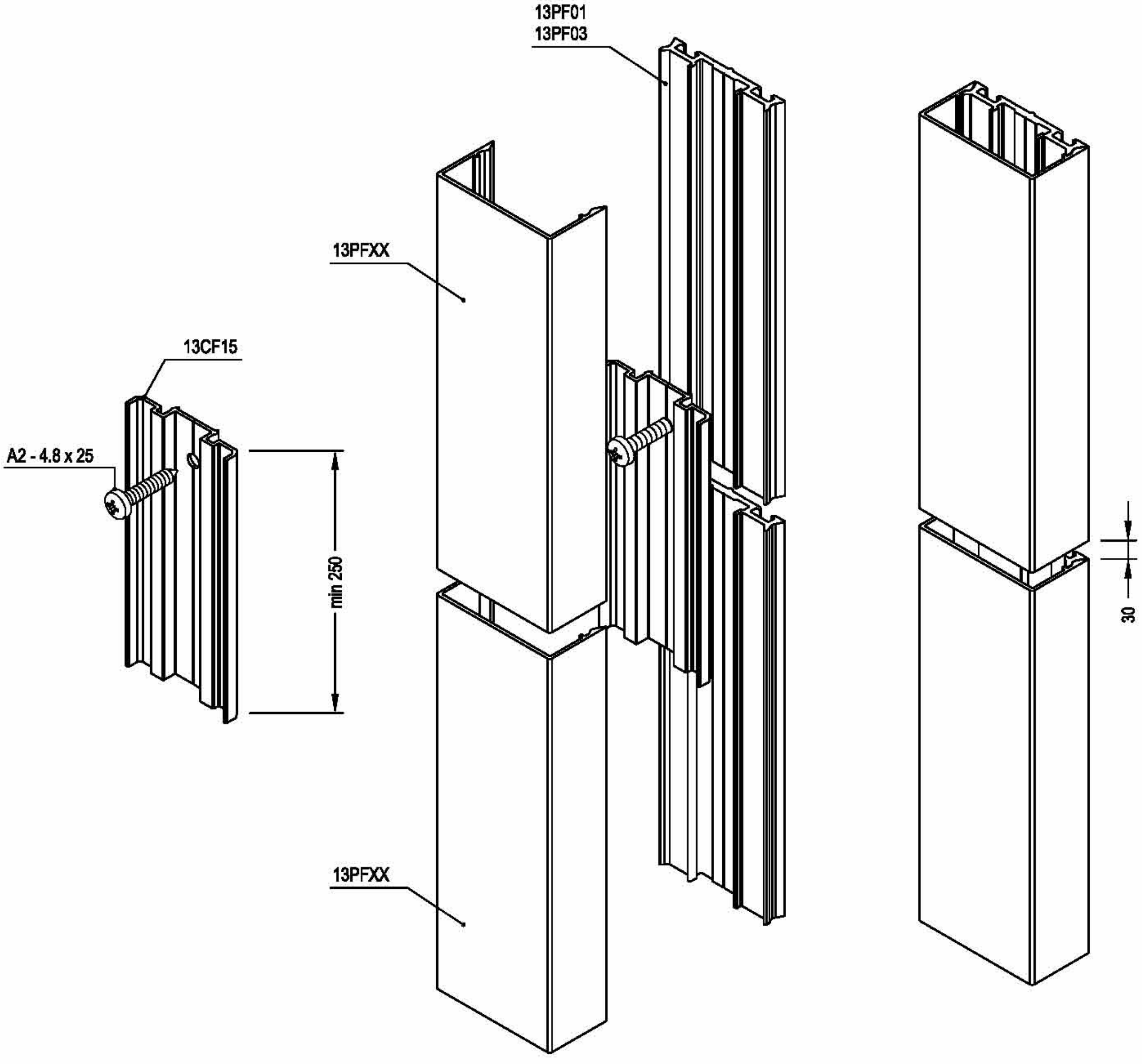
CORNER CLEATS

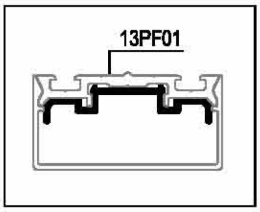


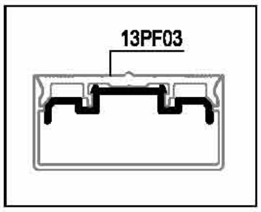
CORNER CLEATS 15 / 60		
PROFILE CODE	14LW13	THEORETICAL WEIGHT kg/mt 2.362
PIECE CODE	CUTTING SIZES L (mm)	APPLICATION ON
---	28.7 mm	13VF02
---	28.7 mm	13VF03
---	28.7 mm	13VF04
---	28.7 mm	13VF05
---	28.7 mm	13VF06
---	14 mm	
---	12.8 mm	
---	28.7 mm	13VF07
---	28.7 mm	13VF08
---	28.7 mm	13VF09
---	14 mm	
---	13 mm	
---	7.7 mm	13BF02



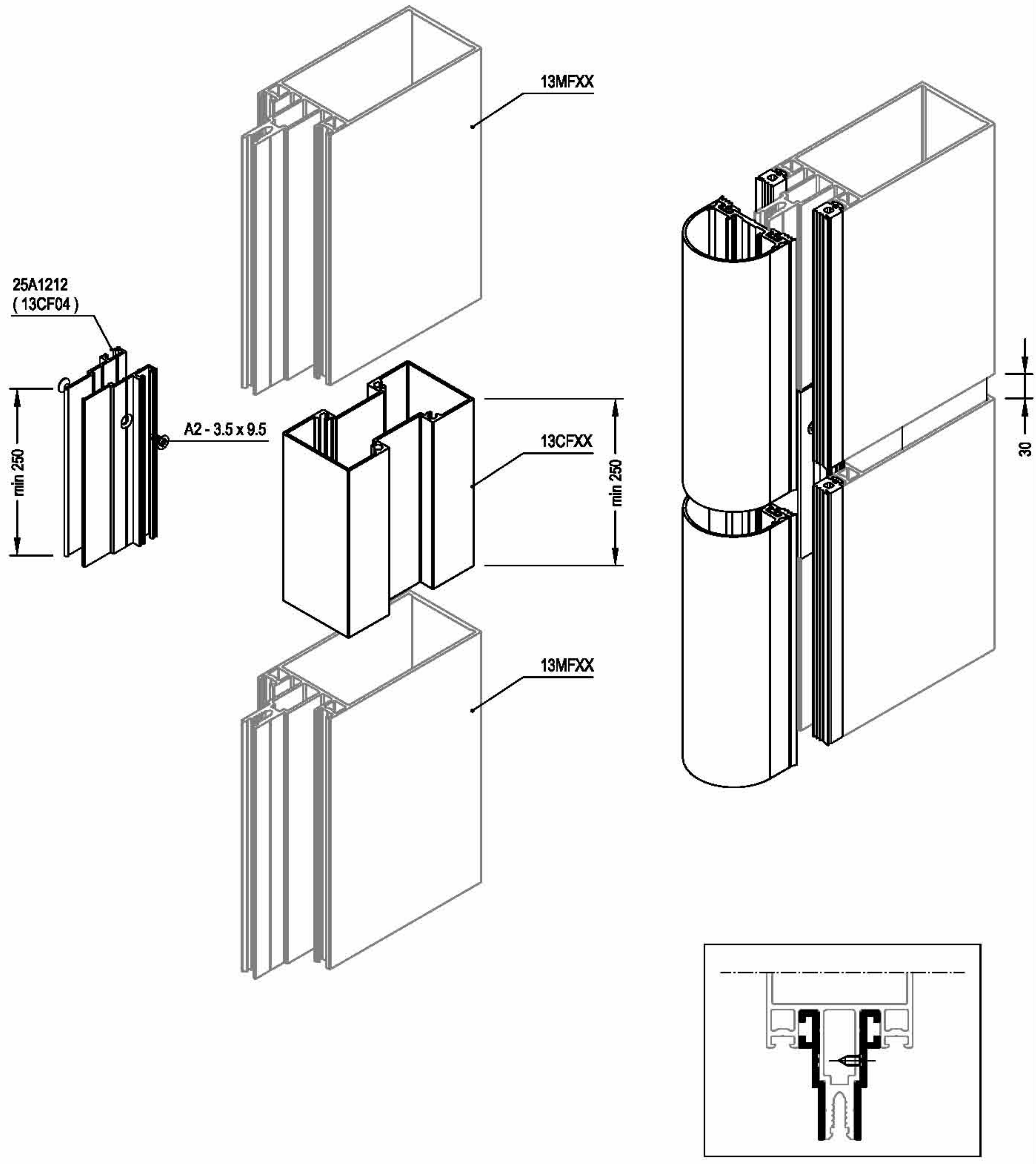
DILATATION WITH CONNECTION PROFILE



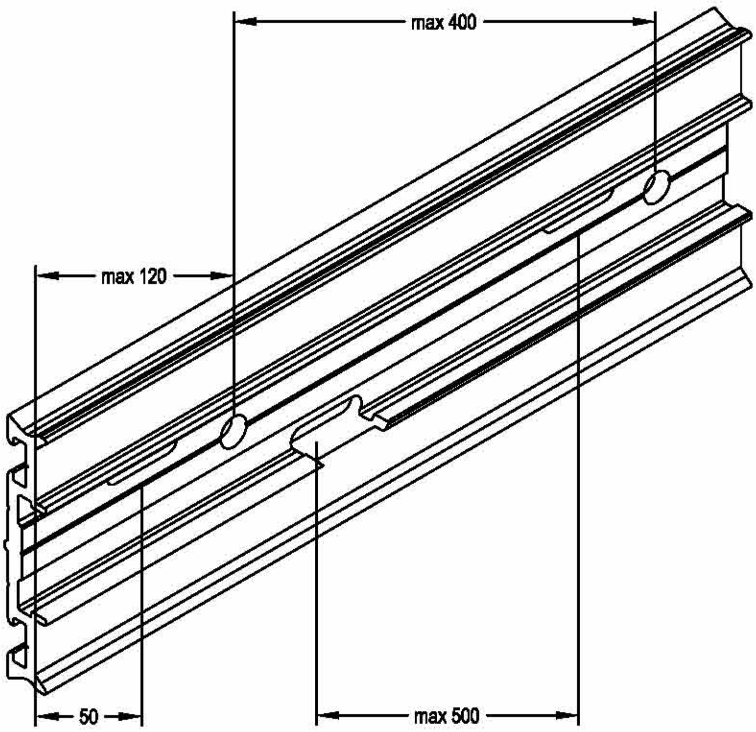


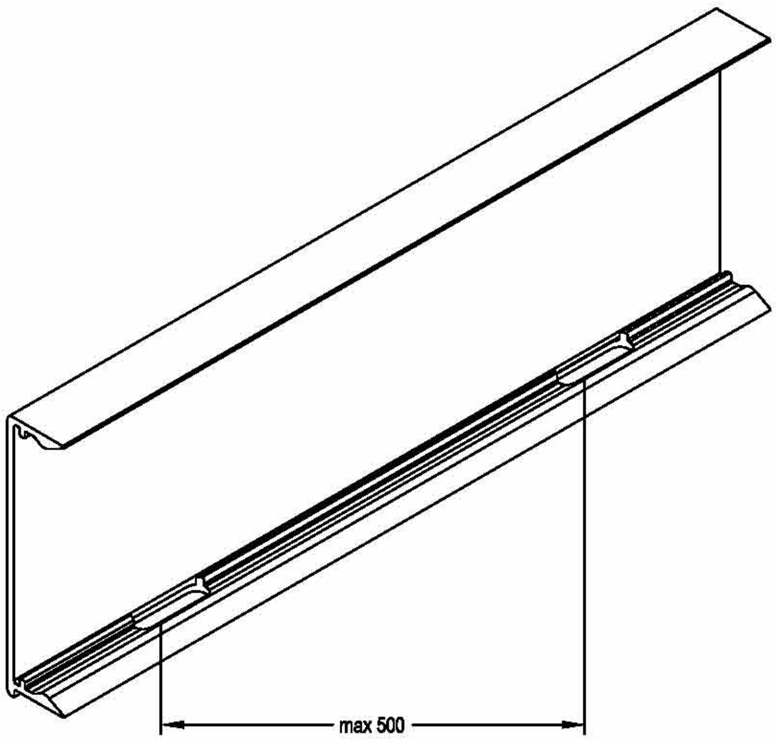


DILATATION WITH CONNECTION PROFILE



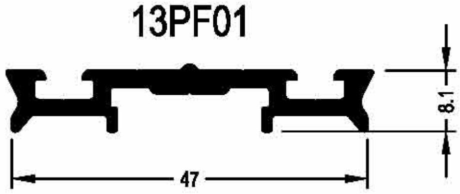
PRESSURE PLATES



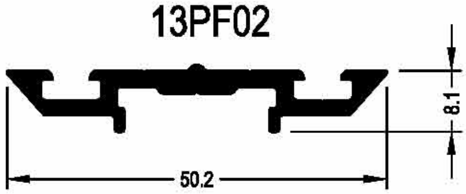


PRESSURE PLATES

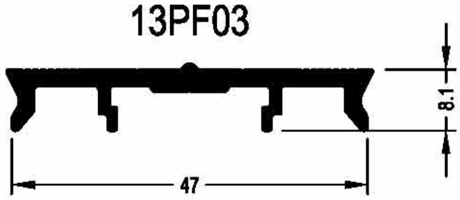
13PF01



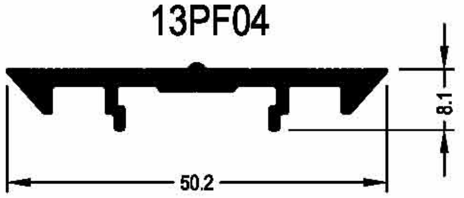
13PF02

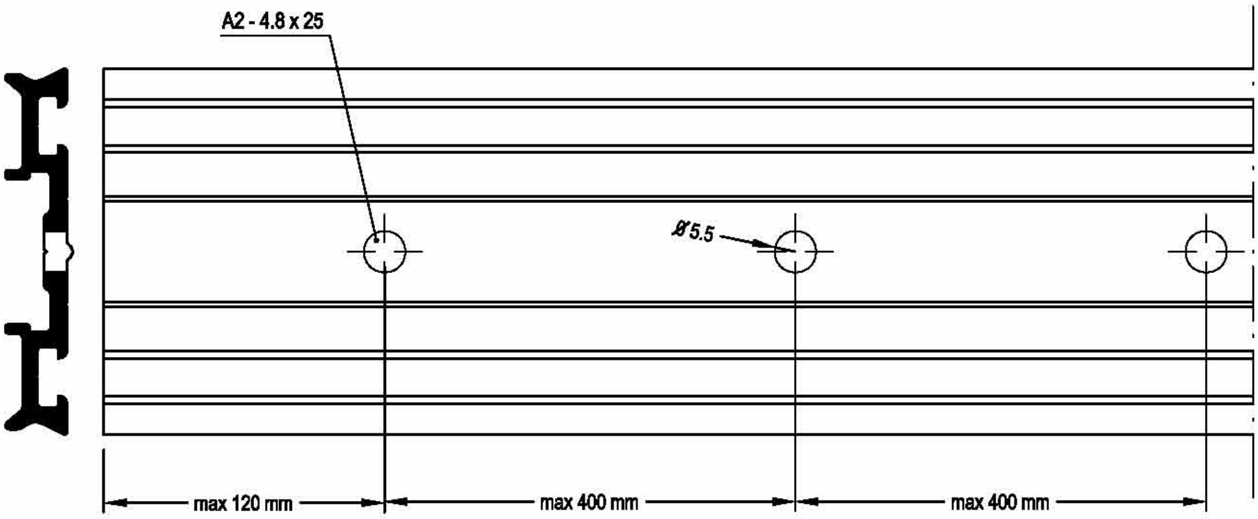


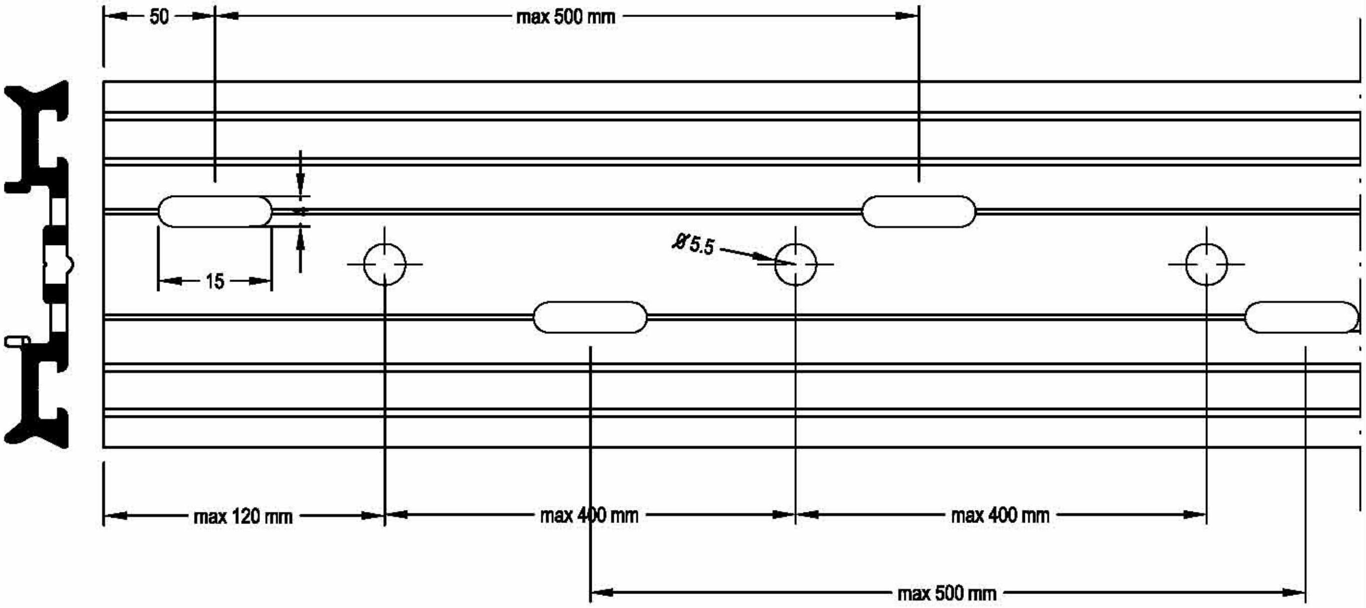
13PF03



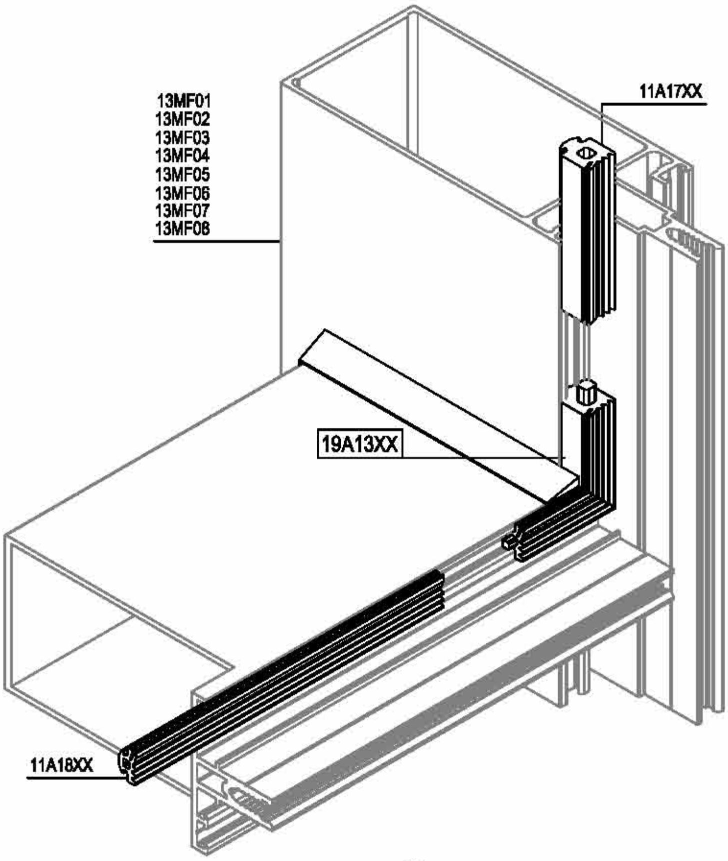
13PF04

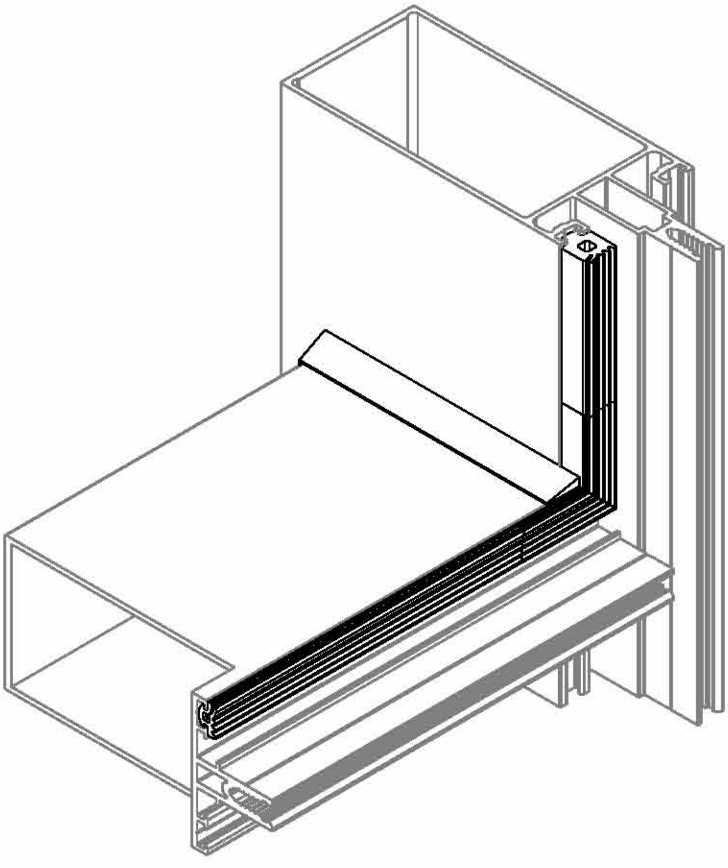




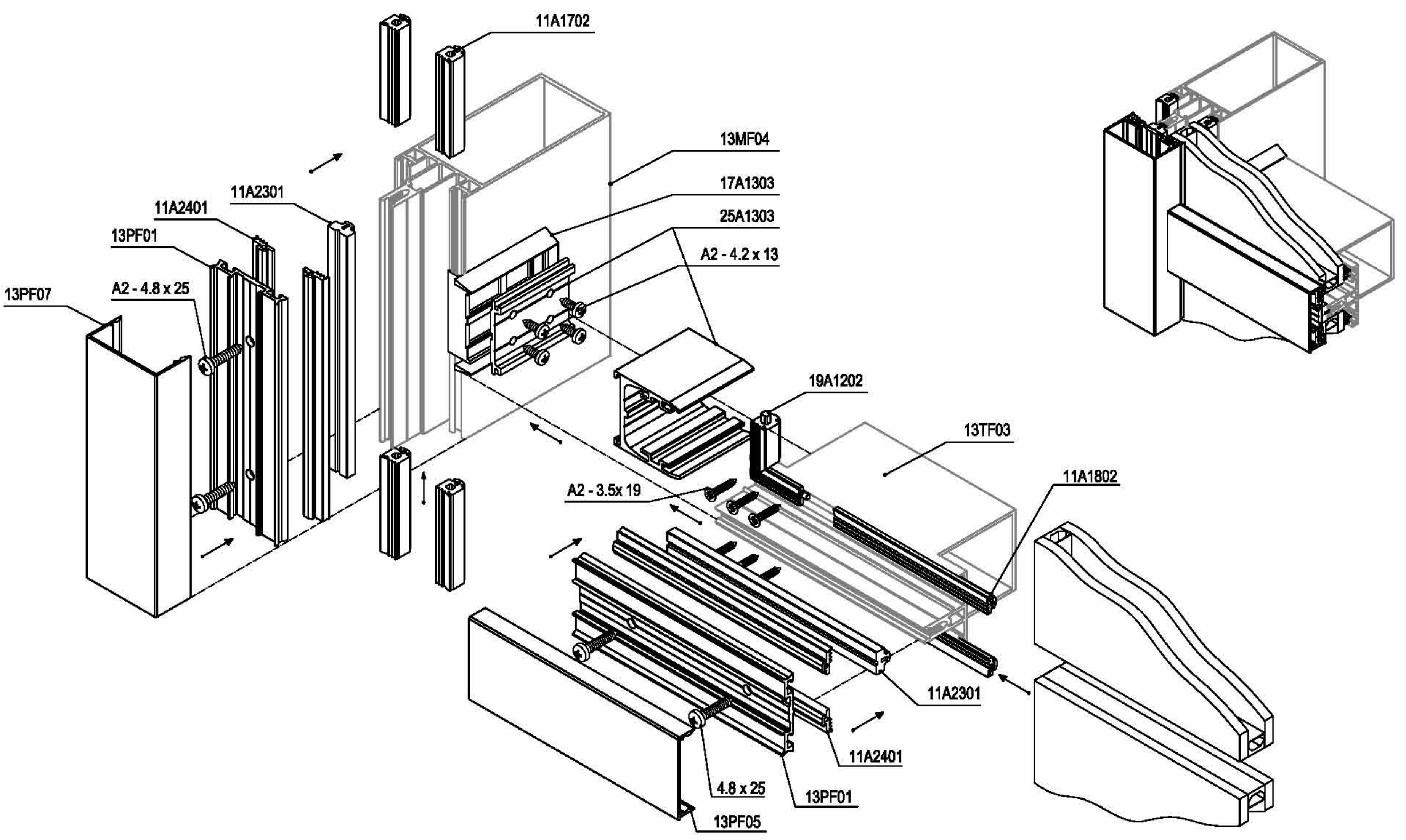


SUPPORTS FOR FIXED PART





HORIZONTAL & VERTICAL CONNECTION WITH P.V.C. and COVER CAP

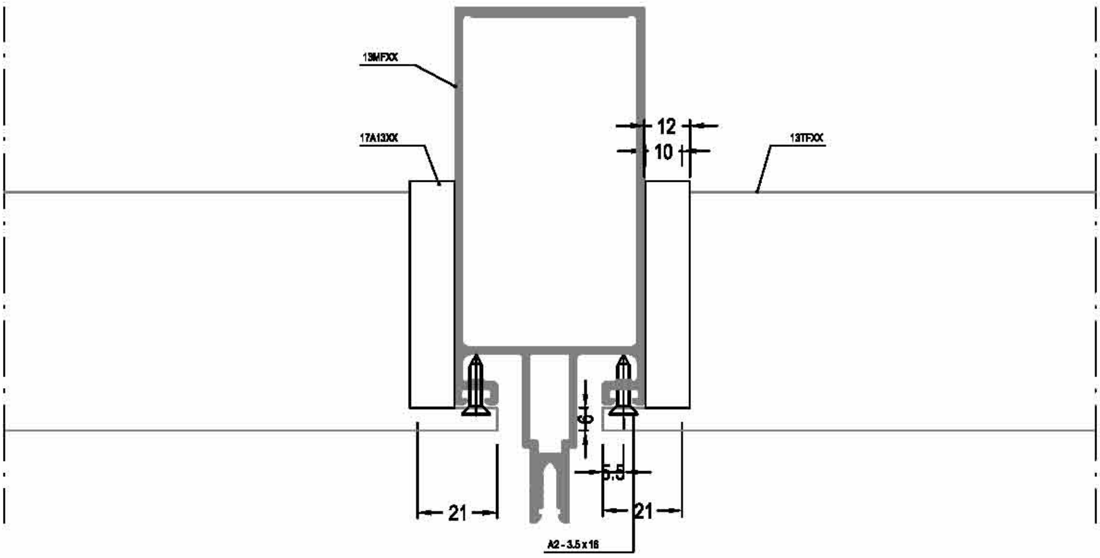


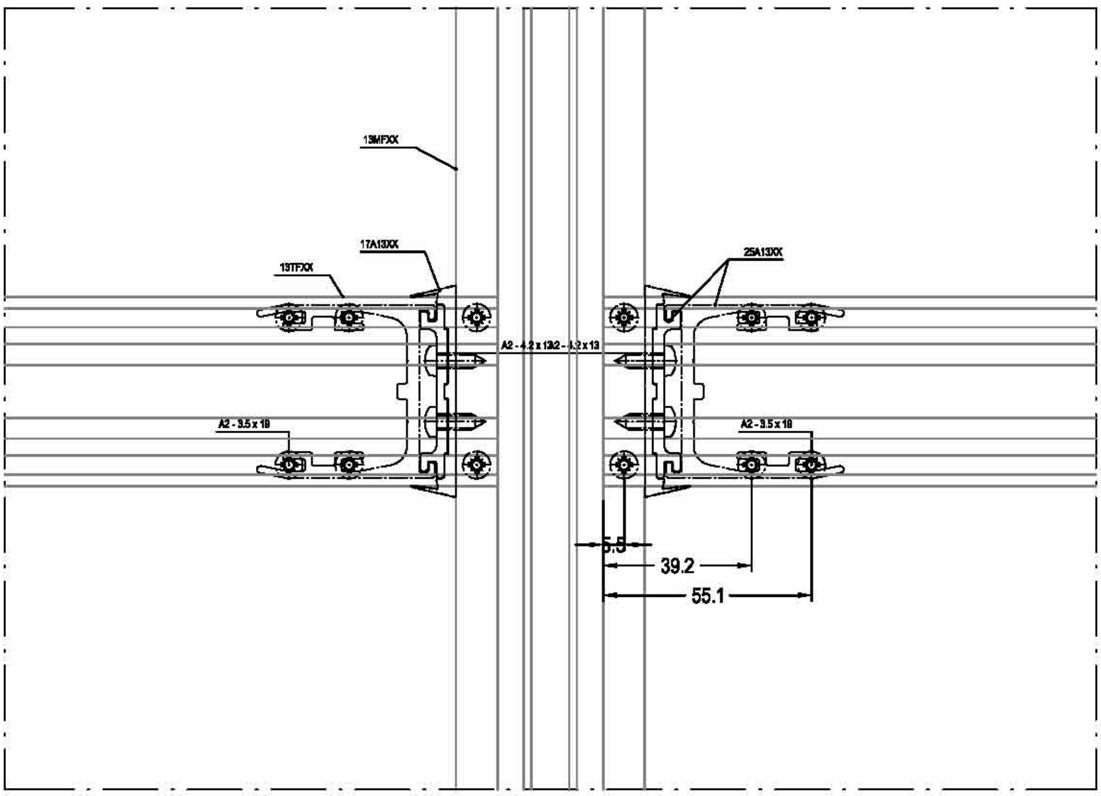
Aluminium System

SYSTEM LEGEND 13'50 F

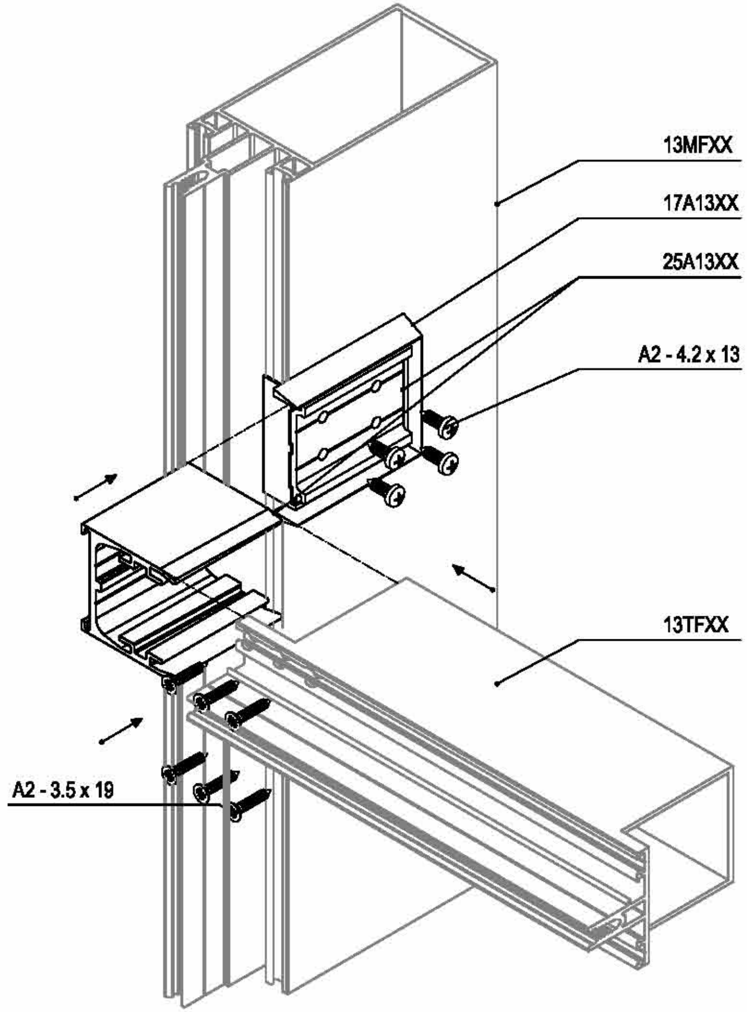
PROFILE

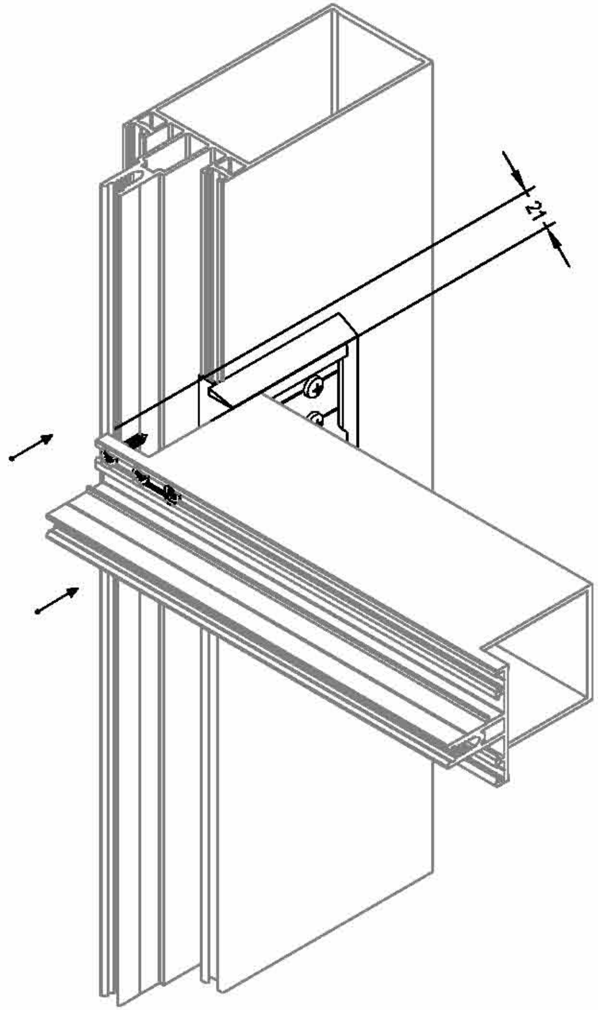
HORIZONTAL & VERTICAL CONNECTION WITH P.V.C. and COVER CAP

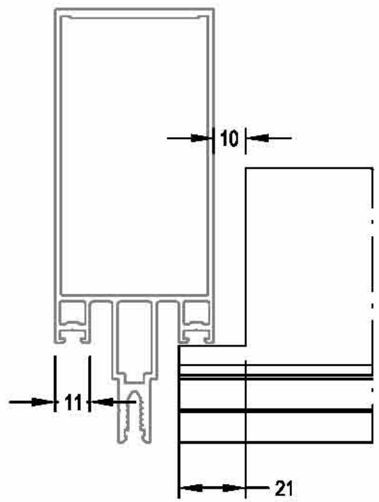




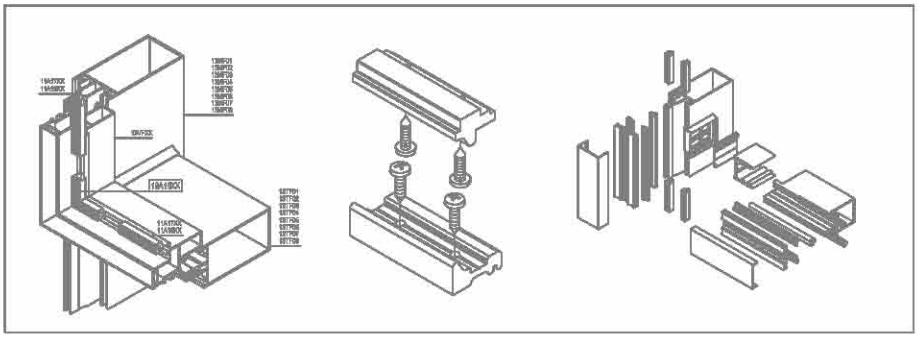
HORIZONTAL & VERTICAL CONNECTION WITH P.V.C. and COVER CAP



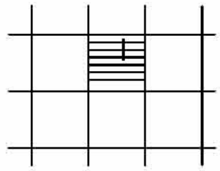


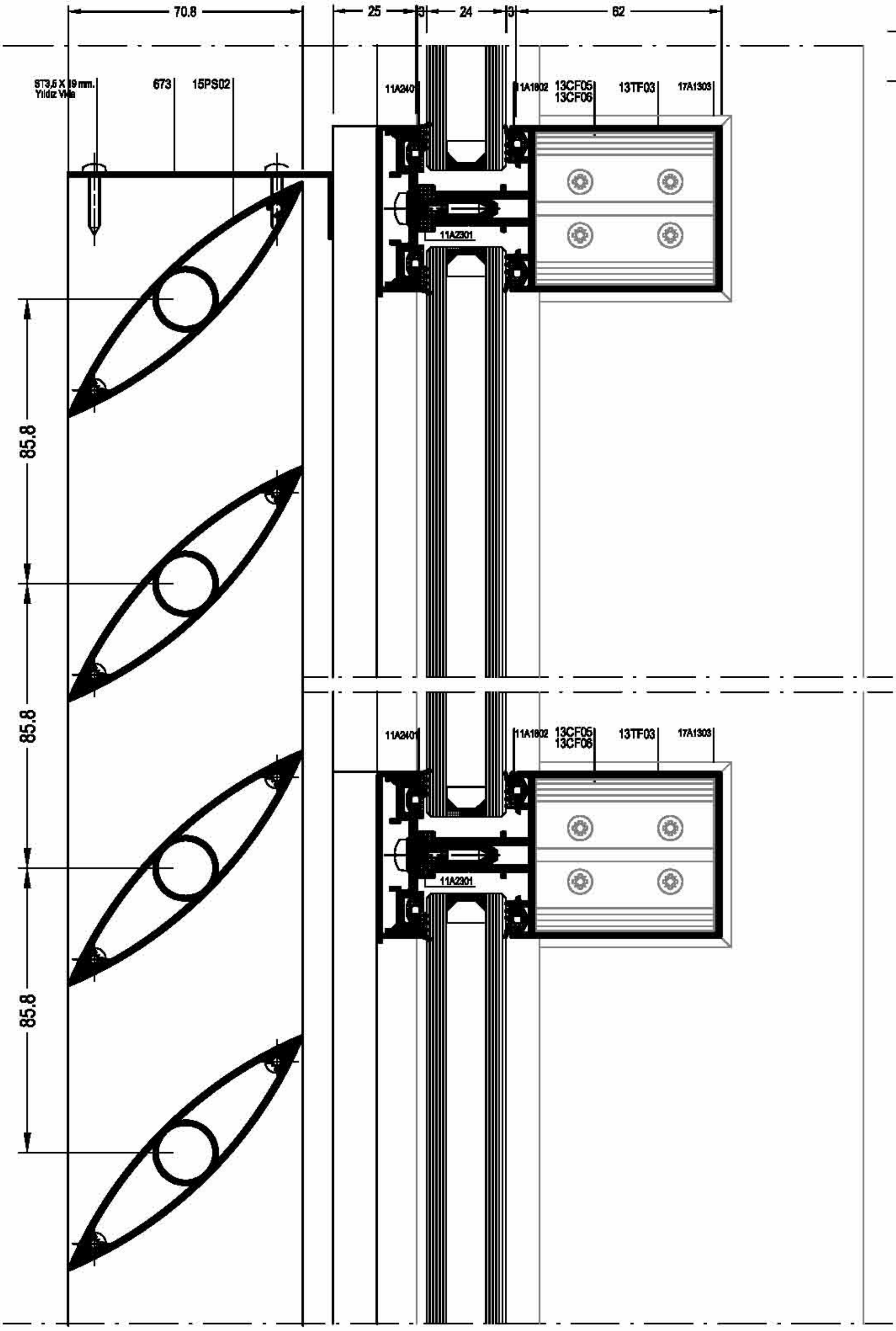


f - ASSEMBLY DRAWINGS

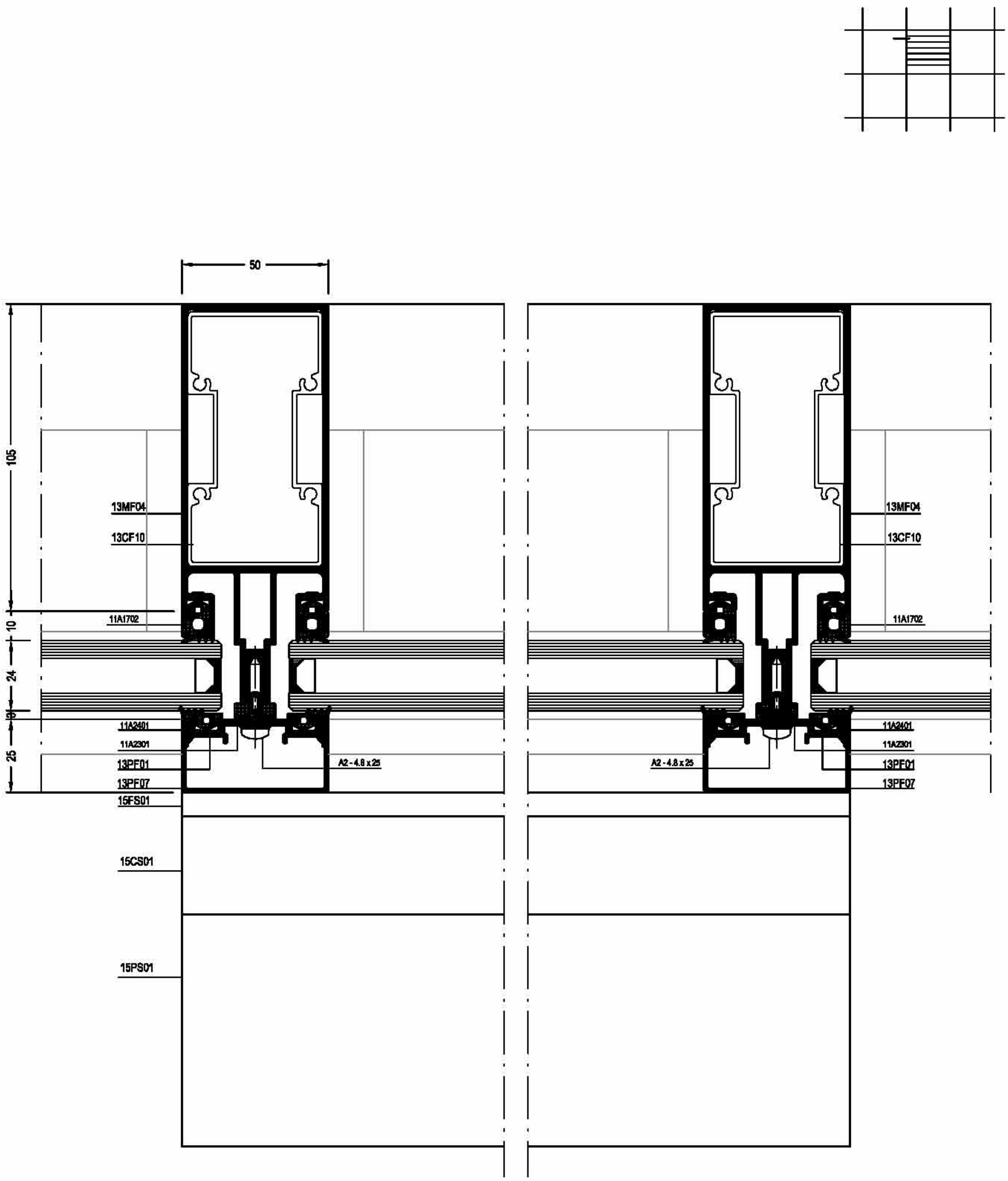


SOLAR SHADING

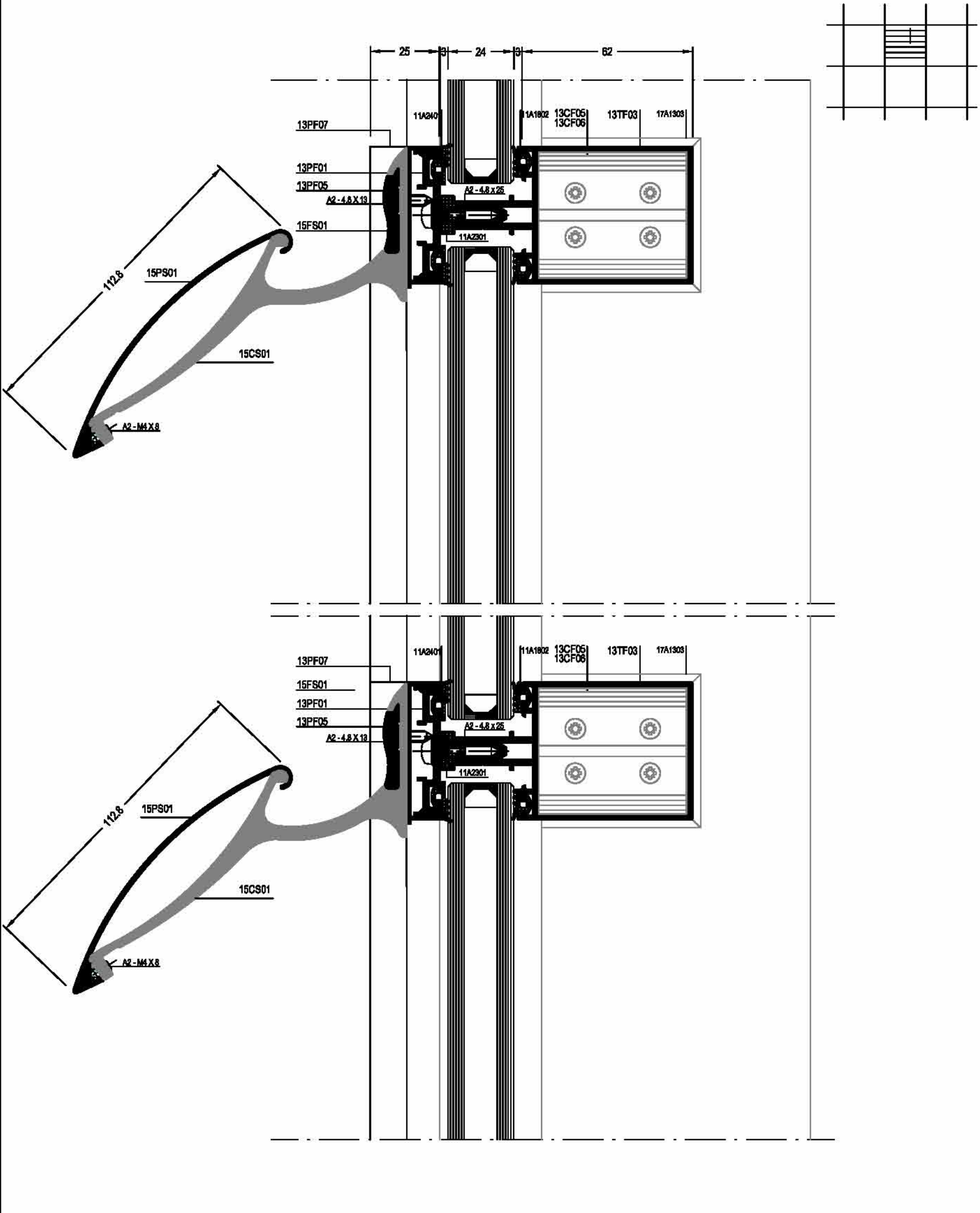




SOLAR SHADING

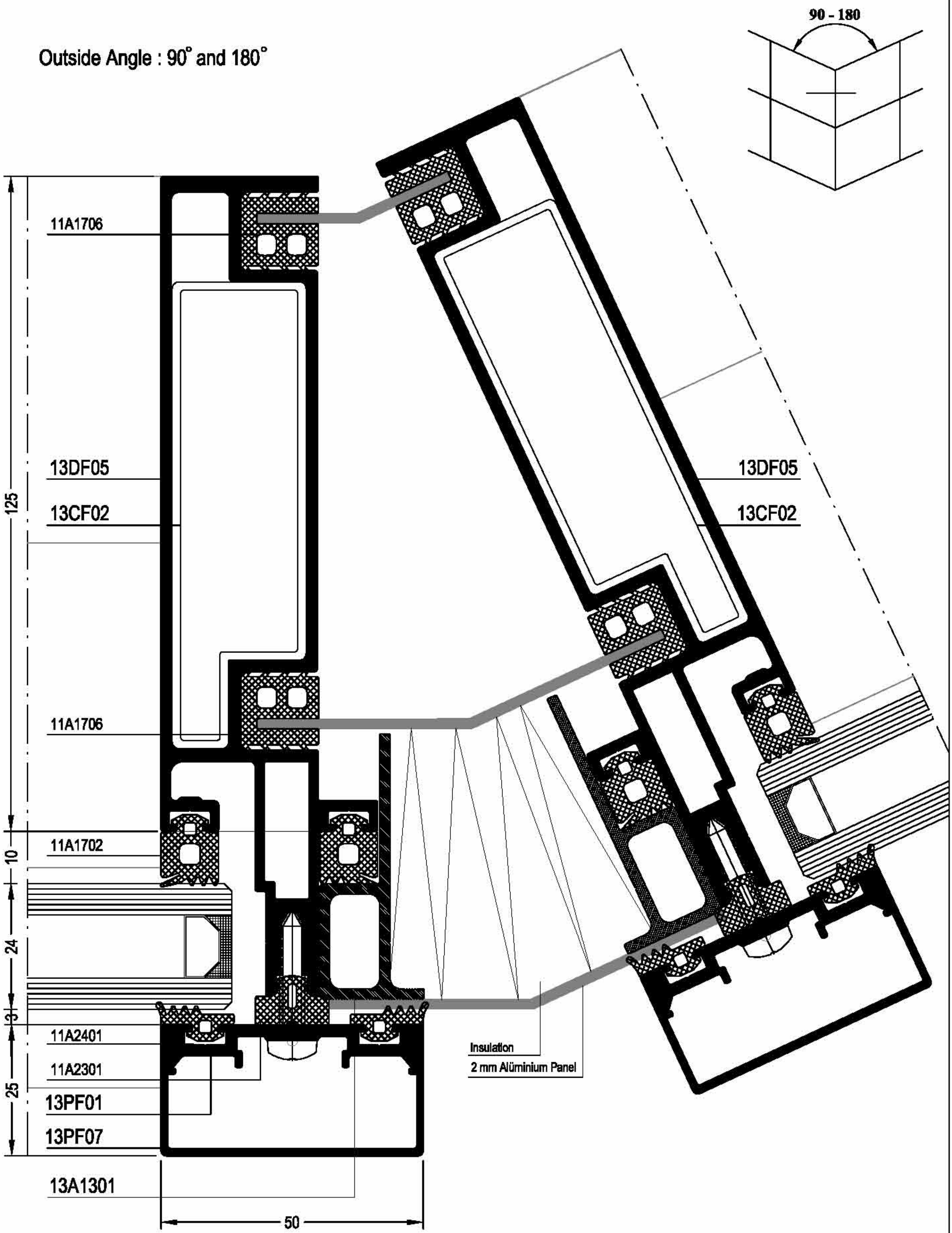


SOLAR SHADING



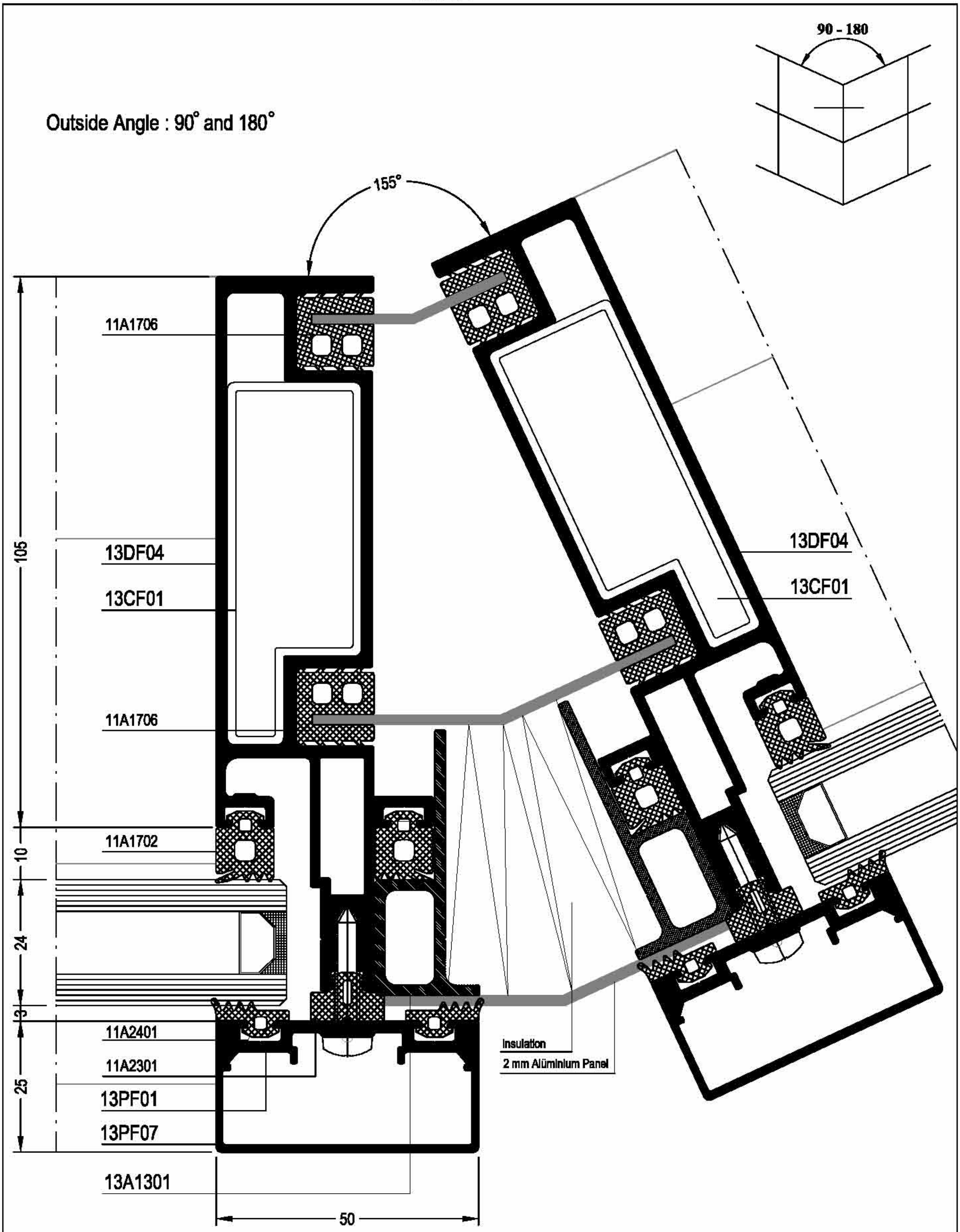
FACADE

Outside Angle : 90° and 180°



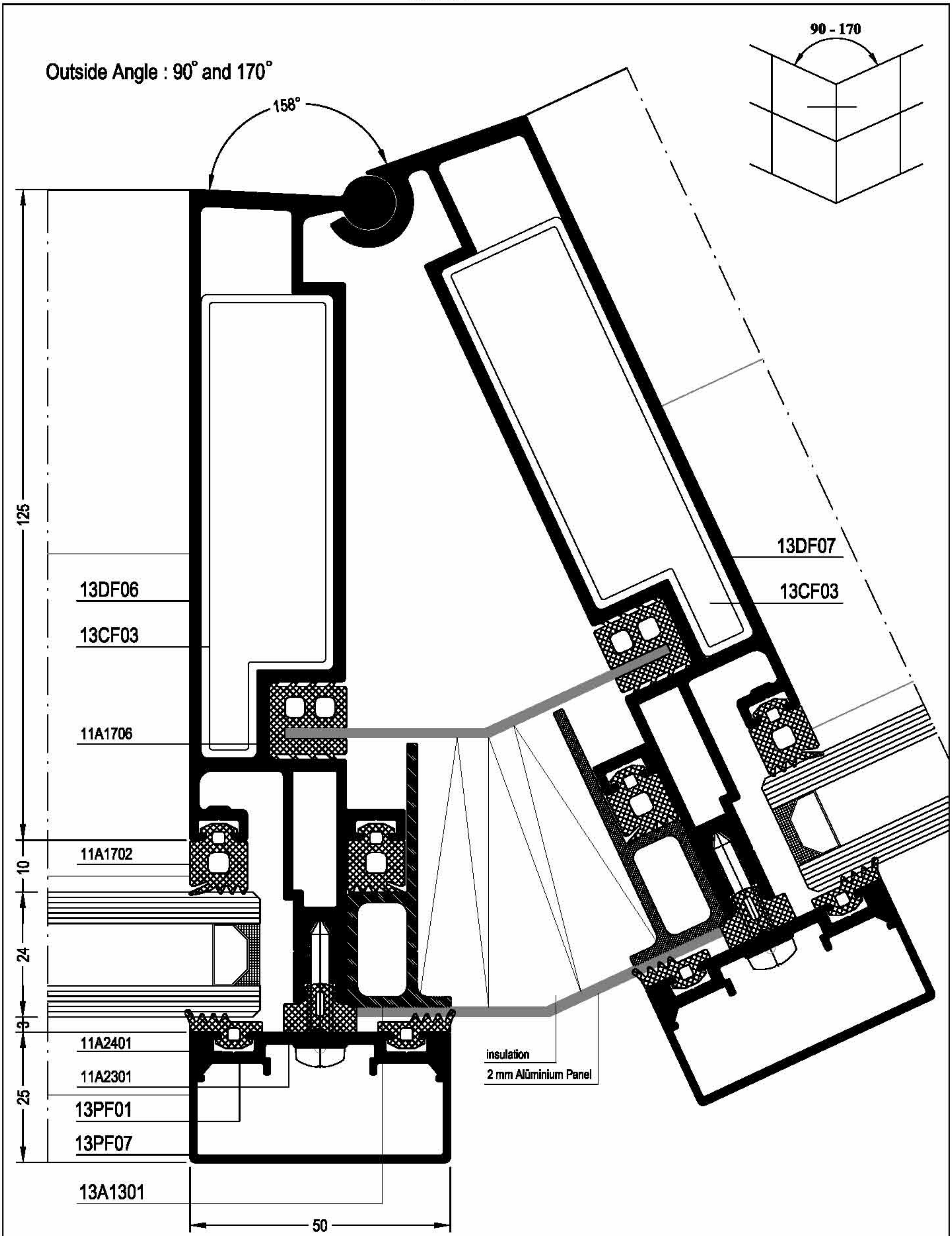
FACADE

Outside Angle : 90° and 180°



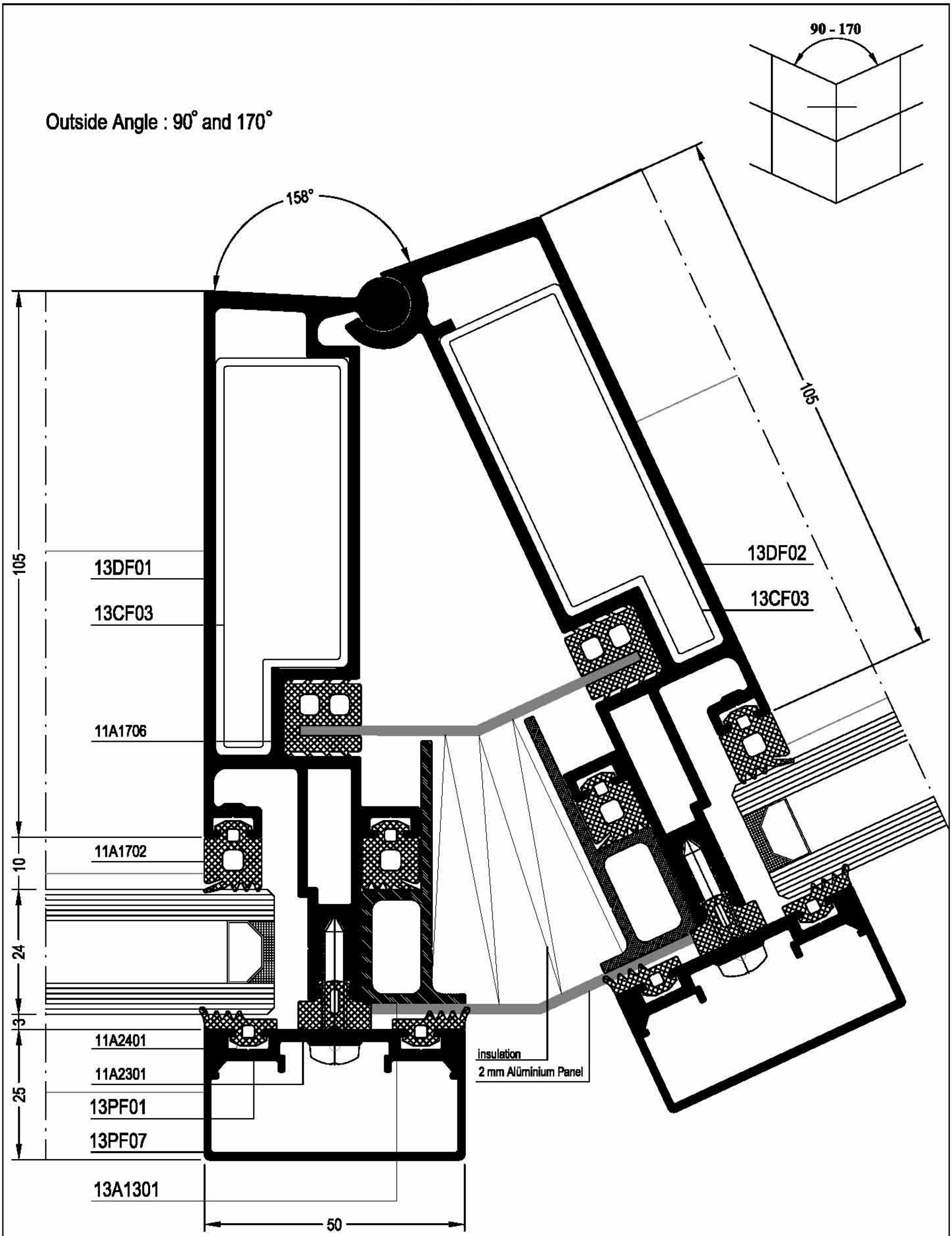
FACADE

Outside Angle : 90° and 170°



FACADE

Outside Angle : 90° and 170°



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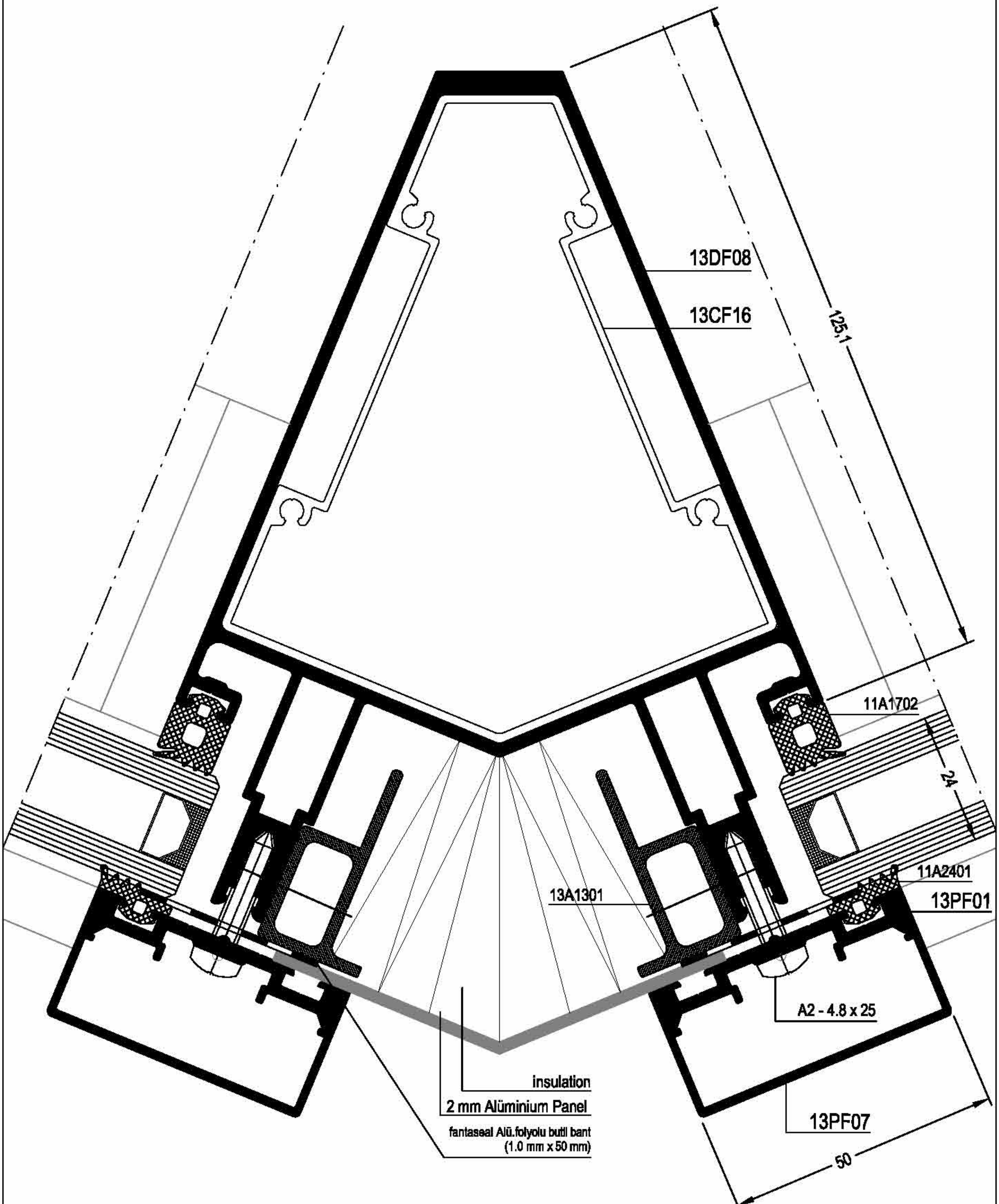
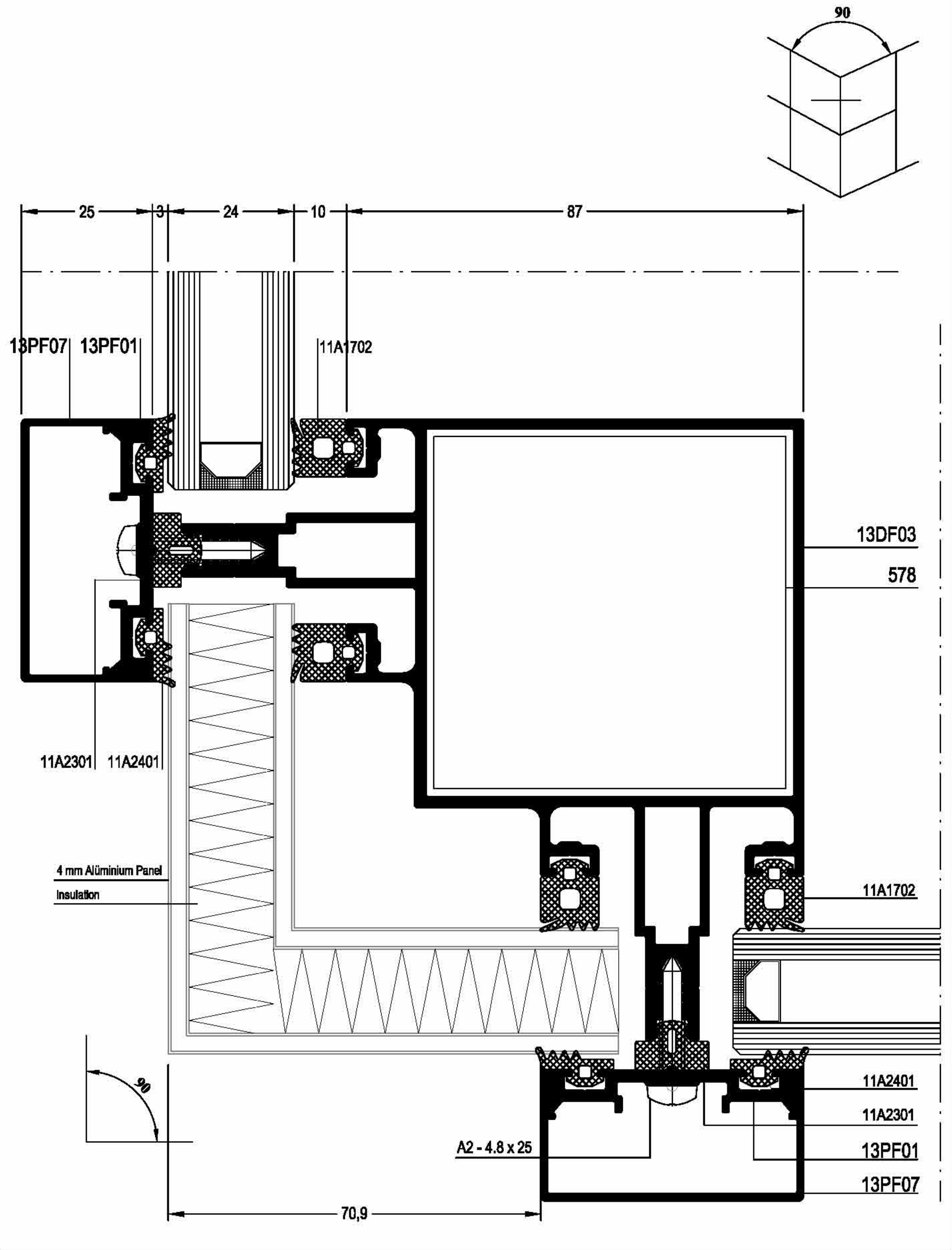
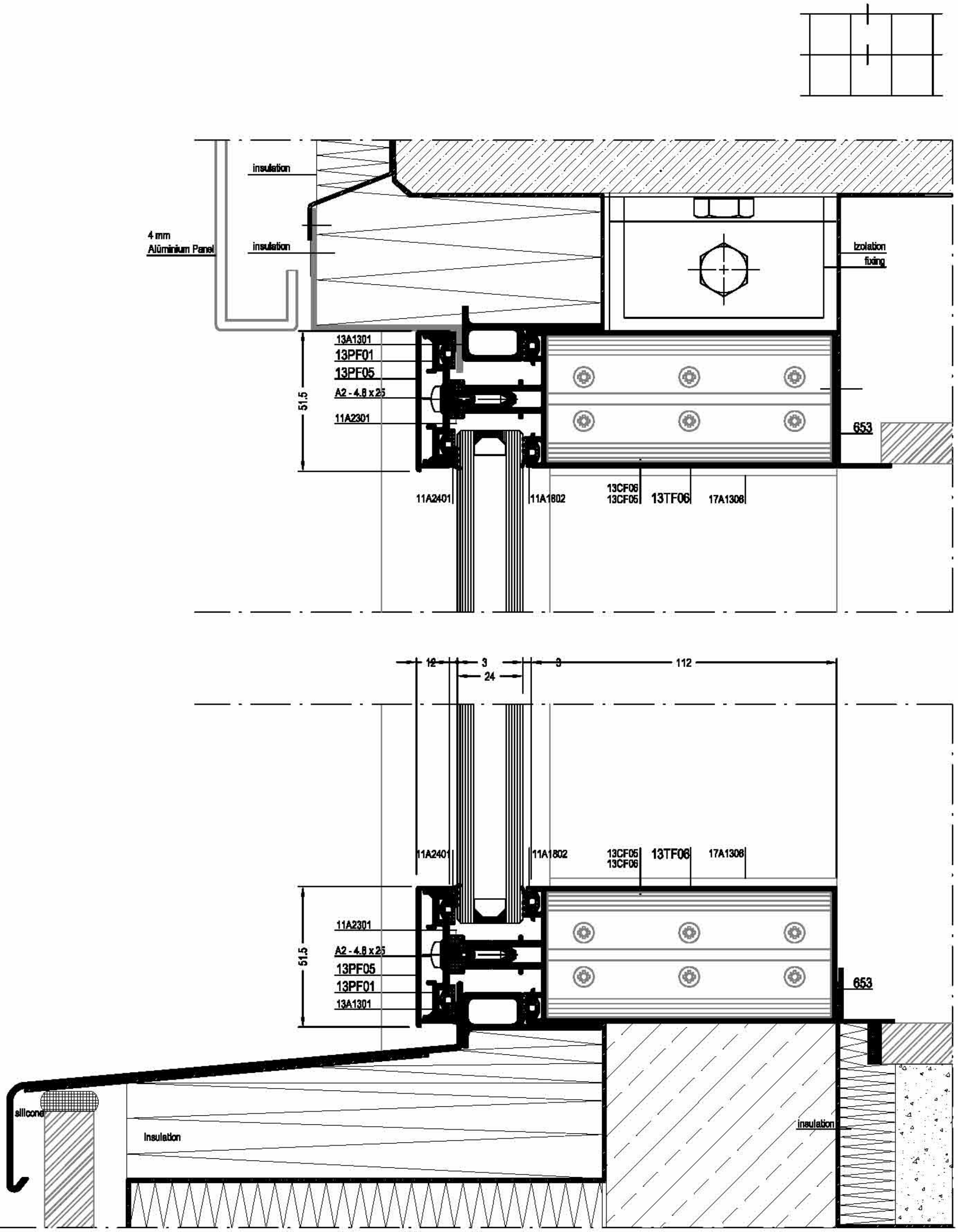

13DF08
13CF16
125,1
11A1702
24
11A2401
13PF01
13A1301
A2 - 4.8 x 25
insulation
2 mm Alüminium Panel
fantaseal Alü.folyolu butil bant
(1.0 mm x 50 mm)
13PF07
50

FACADE

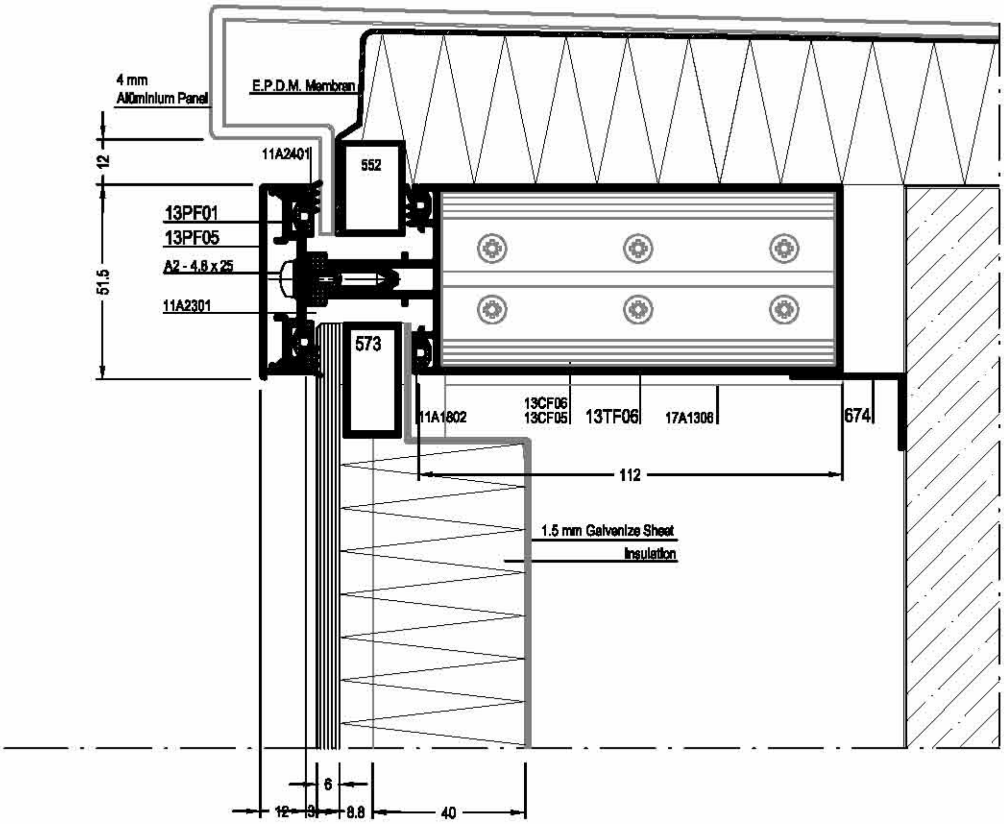

90
25
3
24
10
87
13PF07
13PF01
11A1702
13DF03
578
11A2301
11A2401
4 mm Alüminium Panel
Insulation
11A1702
11A2401
11A2301
13PF01
13PF07
A2 - 4.8 x 25
90
70,9

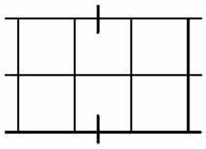
FACADE

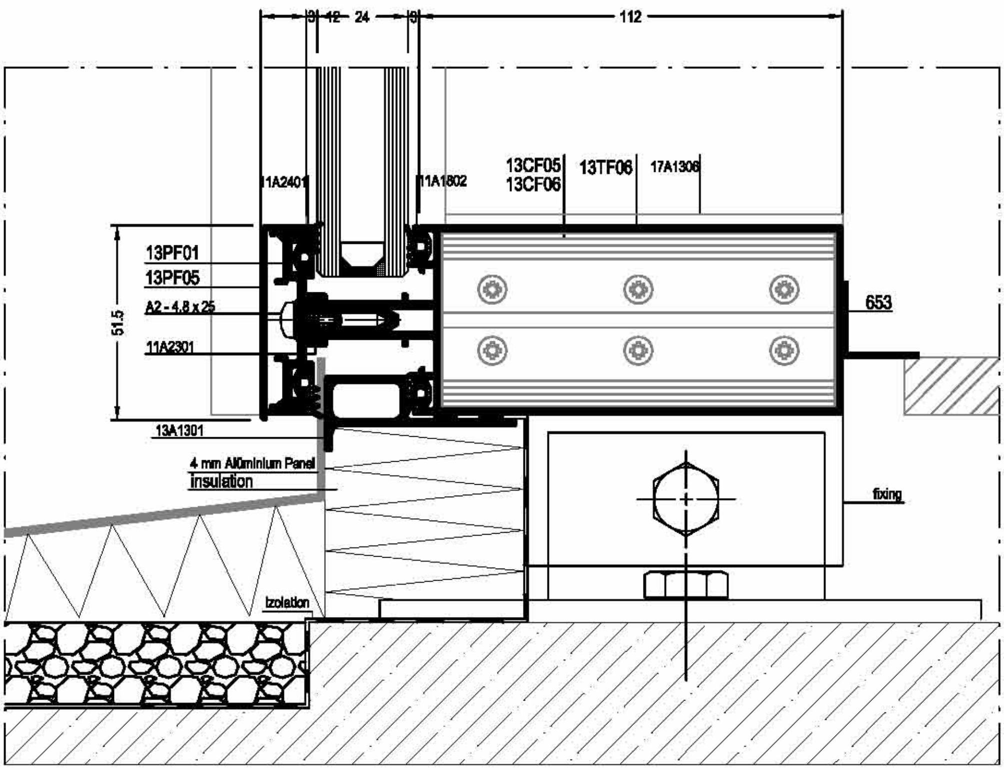


insulation
4 mm
Alüminium Panel
insulation
Izolation
fixing
13A1301
13PF01
13PF05
A2 - 4.8 x 25
11A2301
51.5
653
11A2401
11A1802
13CF06
13CF05
13TF06
17A1306
12
3
24
3
112
11A2401
11A1802
13CF05
13CF06
13TF06
17A1306
11A2301
A2 - 4.8 x 25
13PF05
13PF01
13A1301
51.5
653
silicone
insulation
Insulation

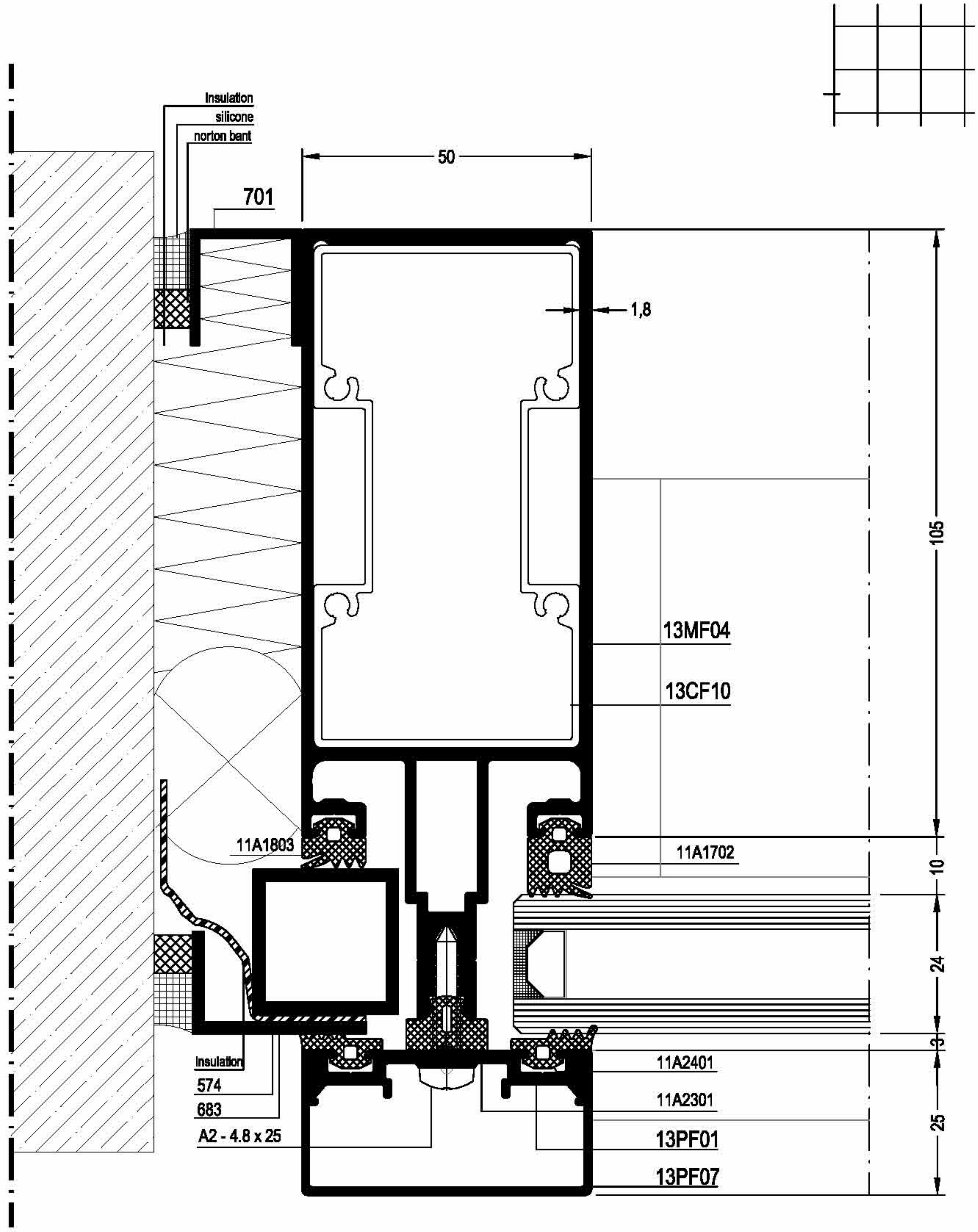
FACADE


4 mm
Alüminium Panel
E.P.D.M. Membran
12
11A2401
552
13PF01
13PF05
A2 - 4.8 x 25
51.5
11A2301
573
11A1802
13CF06
13CF05
13TF06
17A1306
674
112
1.5 mm Galvenize Sheet
Insulation
6
12
3
8.8
40

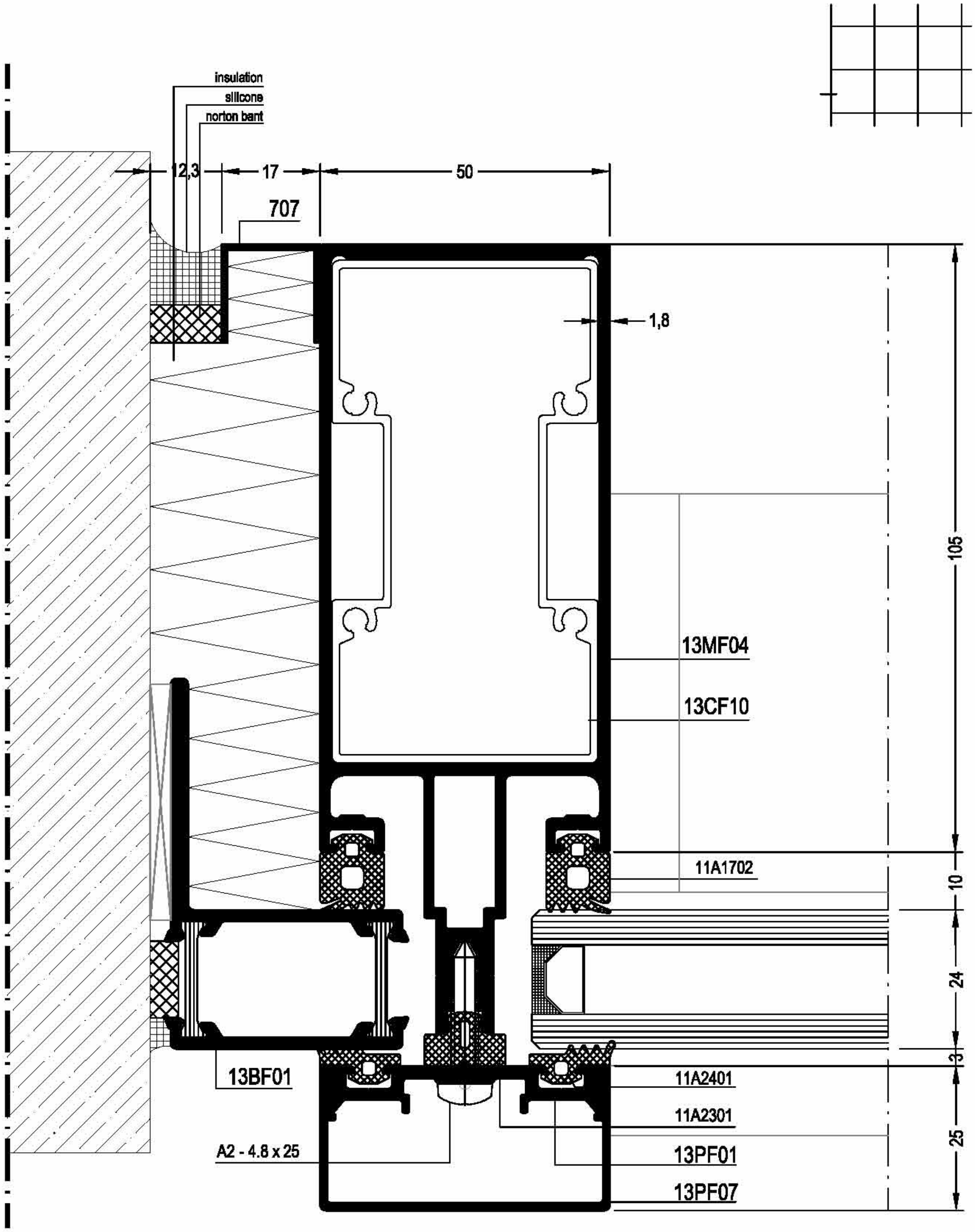



3
12
24
3
112
11A2401
11A1802
13CF05
13CF06
13TF06
17A1306
13PF01
13PF05
A2 - 4.8 x 25
51.5
11A2301
653
13A1301
4 mm Alüminium Panel
Insulation
fixing
Izolation

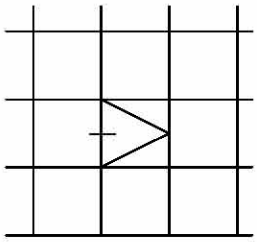
FACADE

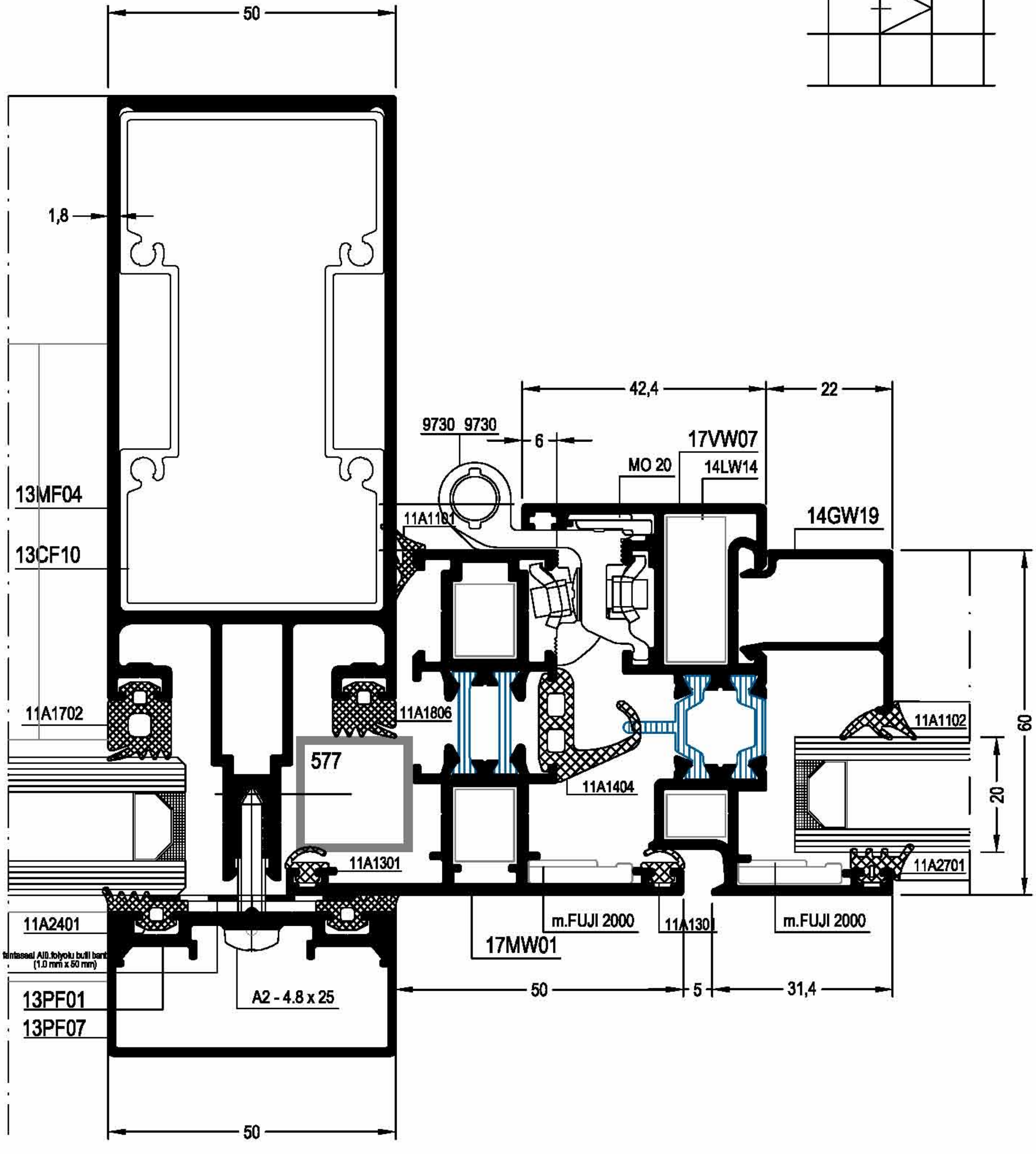

Insulation
silicone
norton bant
701
50
1,8
105
13MF04
13CF10
11A1803
11A1702
10
24
3
25
Insulation
574
683
A2 - 4.8 x 25
11A2401
11A2301
13PF01
13PF07

FACADE

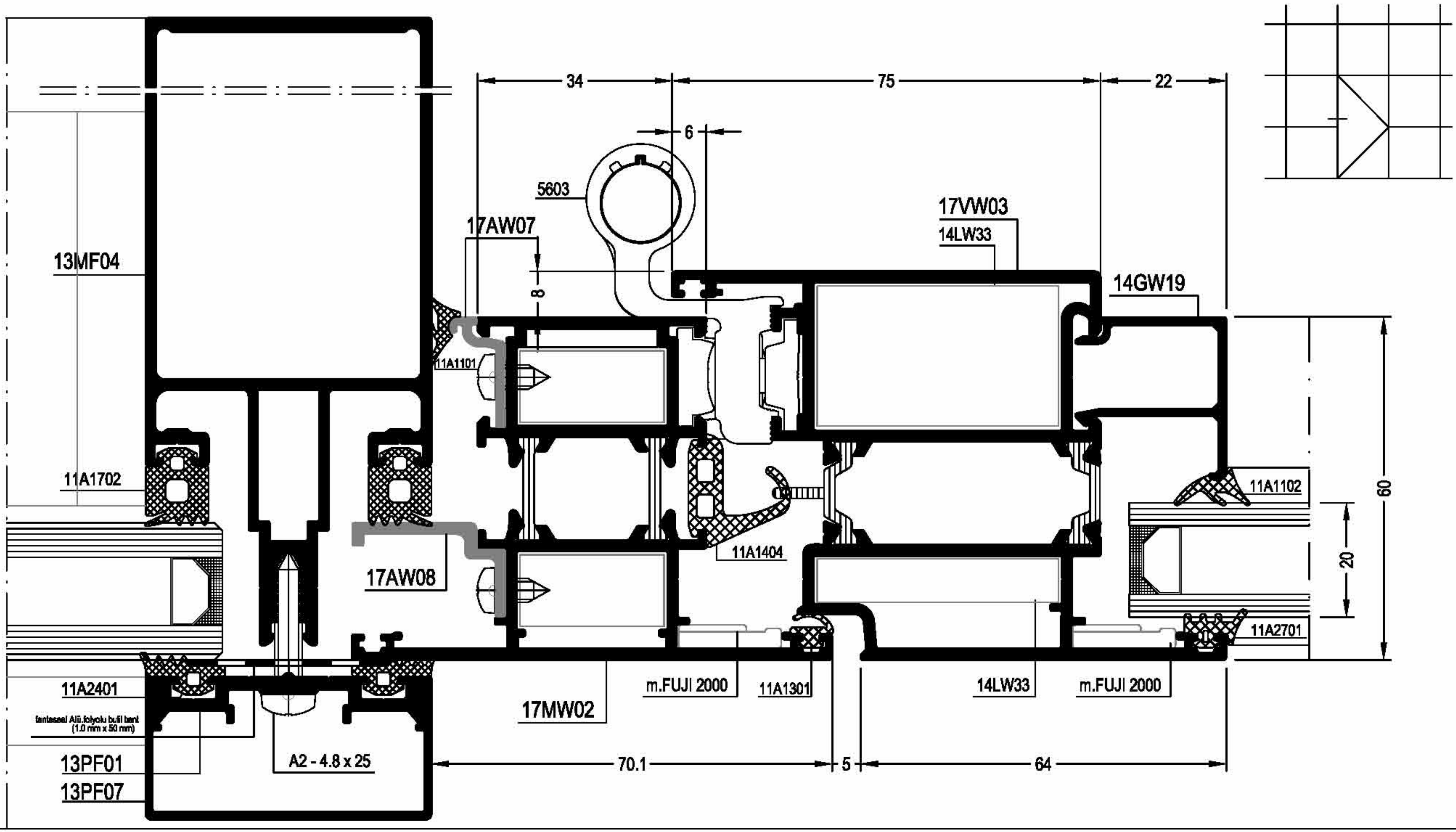

insulation
silicone
norton bant
12,3
17
50
707
1,8
13MF04
13CF10
11A1702
13BF01
11A2401
11A2301
A2 - 4.8 x 25
13PF01
13PF07
105
10
24
3
25

FACADE




50
1,8
13MF04
13CF10
11A1702
11A1806
577
11A1301
11A2401
fantaseal Al0.folyolu butil bant
(1.0 mm x 50 mm)
13PF01
13PF07
A2 - 4.8 x 25
50
9730 9730
6
42,4
22
17VW07
MO 20
14LW14
11A1101
14GW19
11A1404
11A1102
60
20
11A2701
m.FUJI 2000
11A1301
m.FUJI 2000
17MW01
50
5
31,4

INSIDE OPENING DOOR



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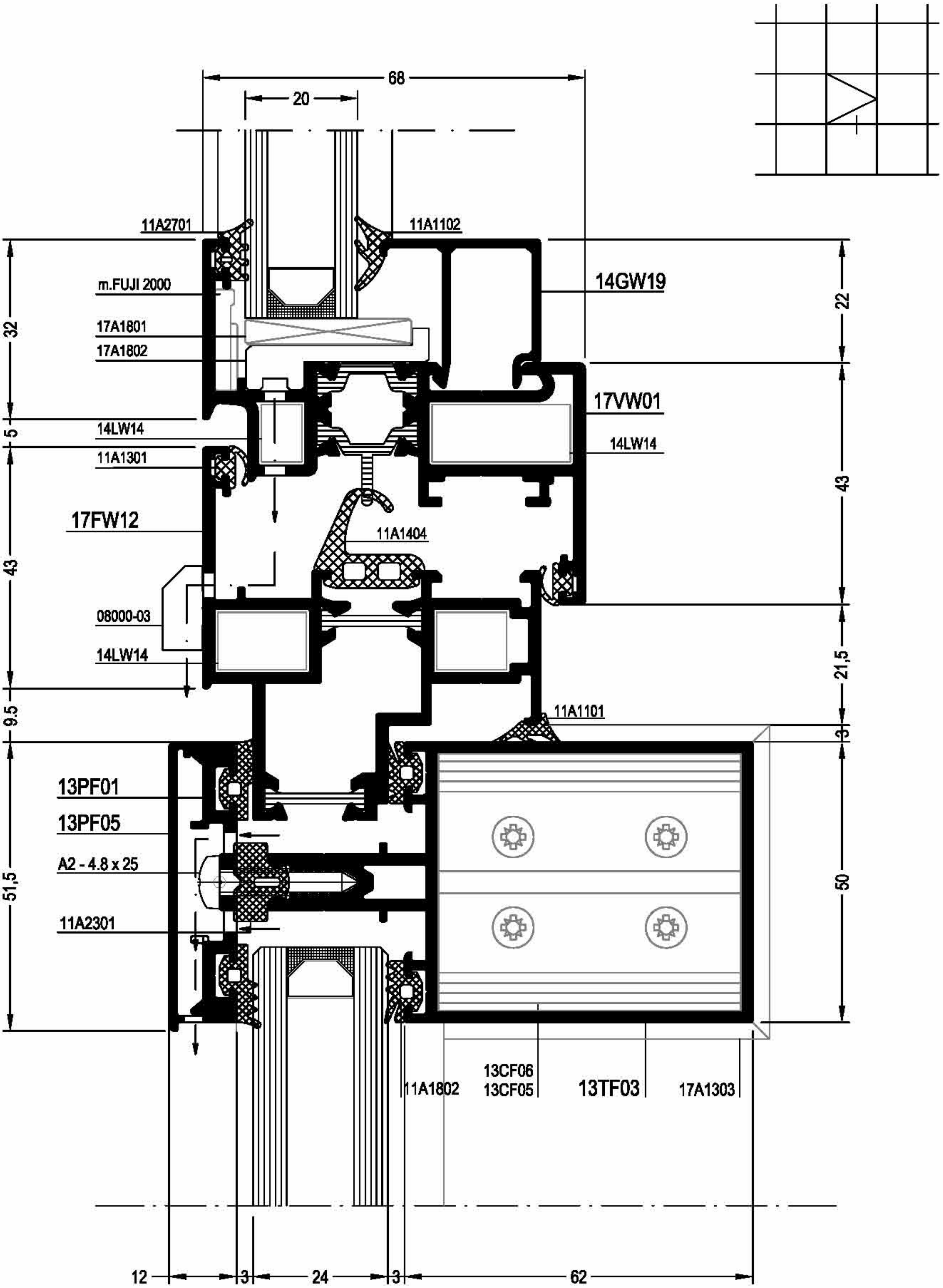
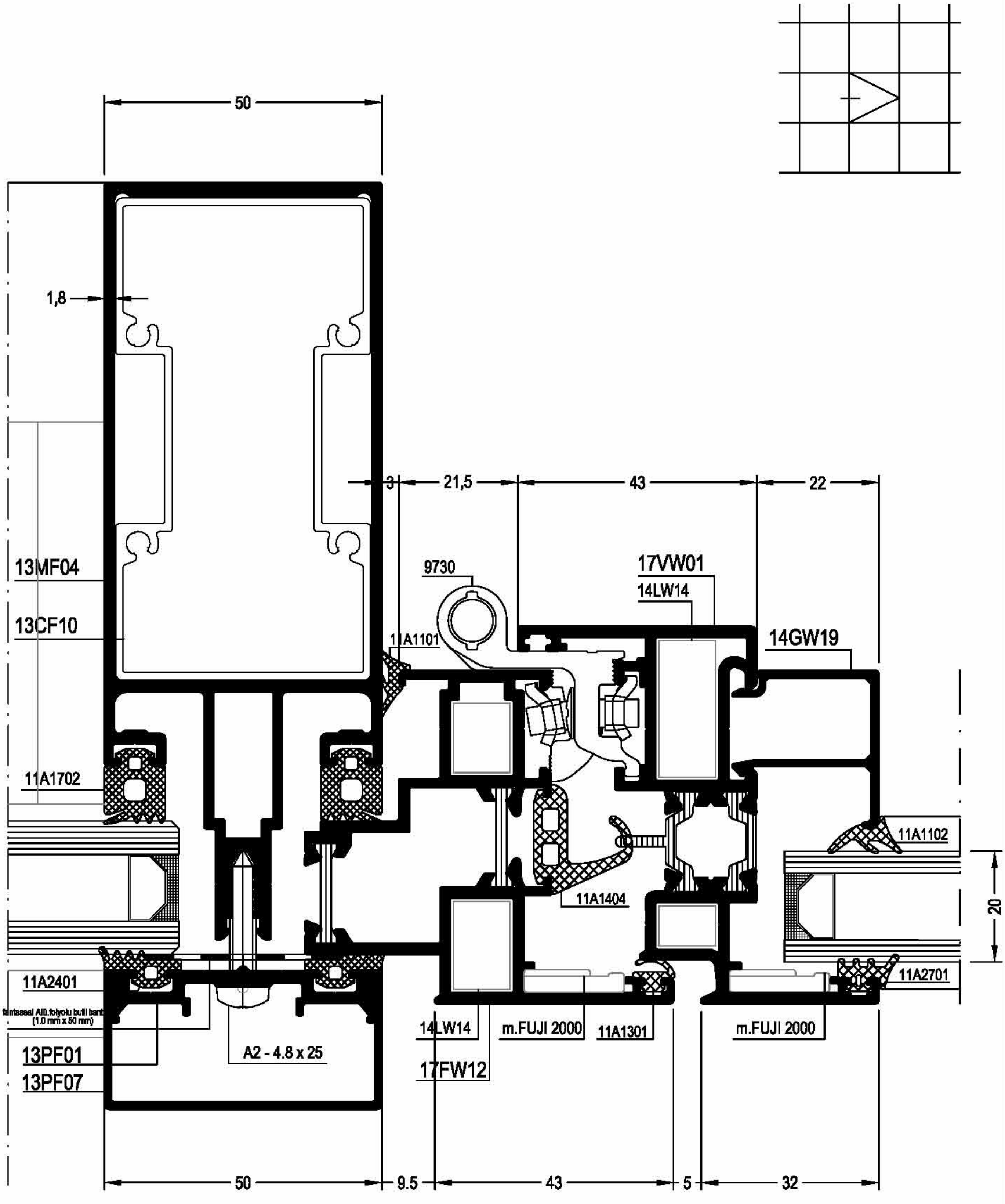
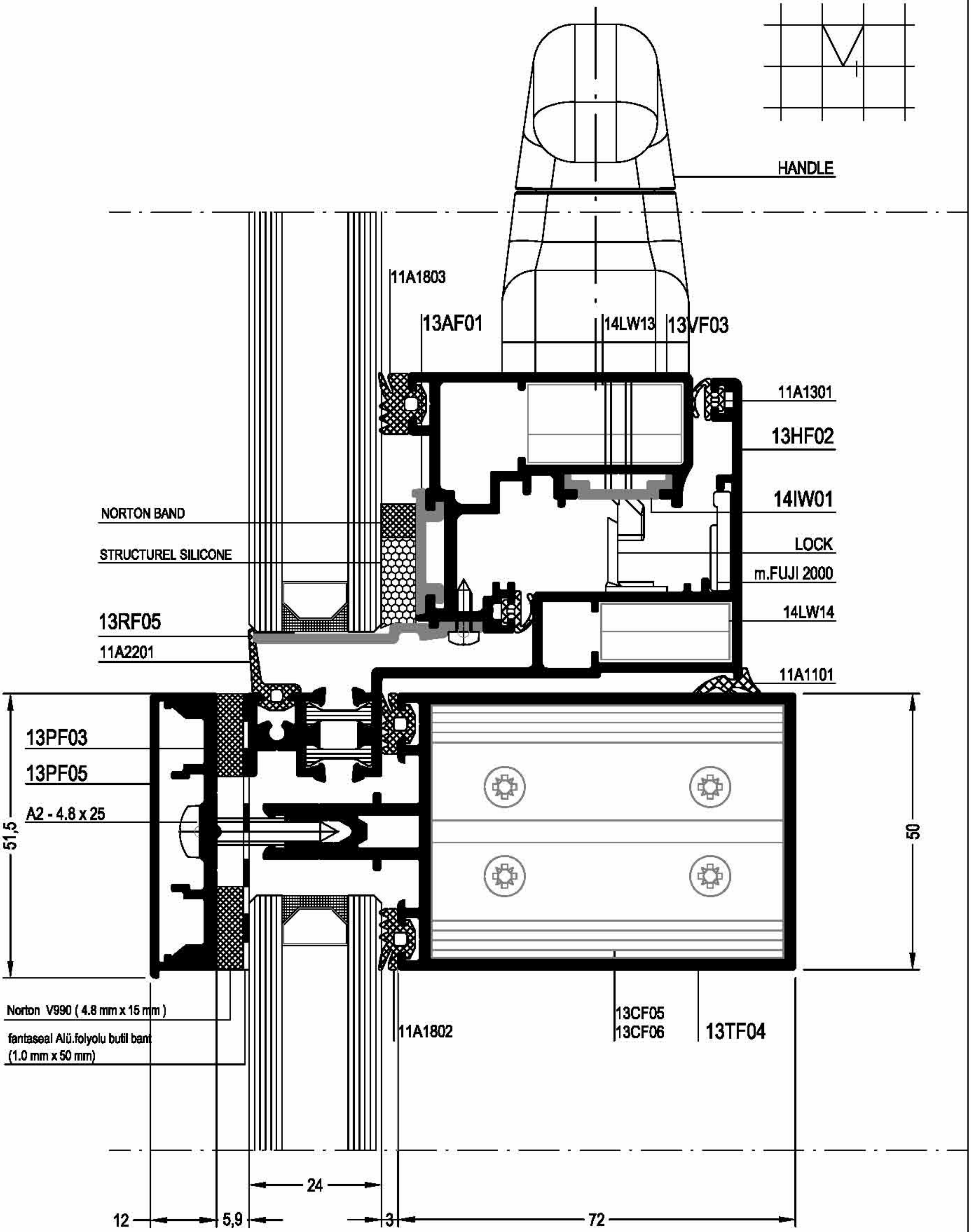

68
20
11A2701
11A1102
m.FUJI 2000
14GW19
17A1801
17A1802
17VW01
14LW14
14LW14
11A1301
17FW12
11A1404
08000-03
14LW14
11A1101
13PF01
13PF05
A2 - 4.8 x 25
11A2301
11A1802
13CF06
13CF05
13TF03
17A1303
32
5
43
9.5
51,5
22
43
21,5
3
50
12
3
24
3
62

FACADE

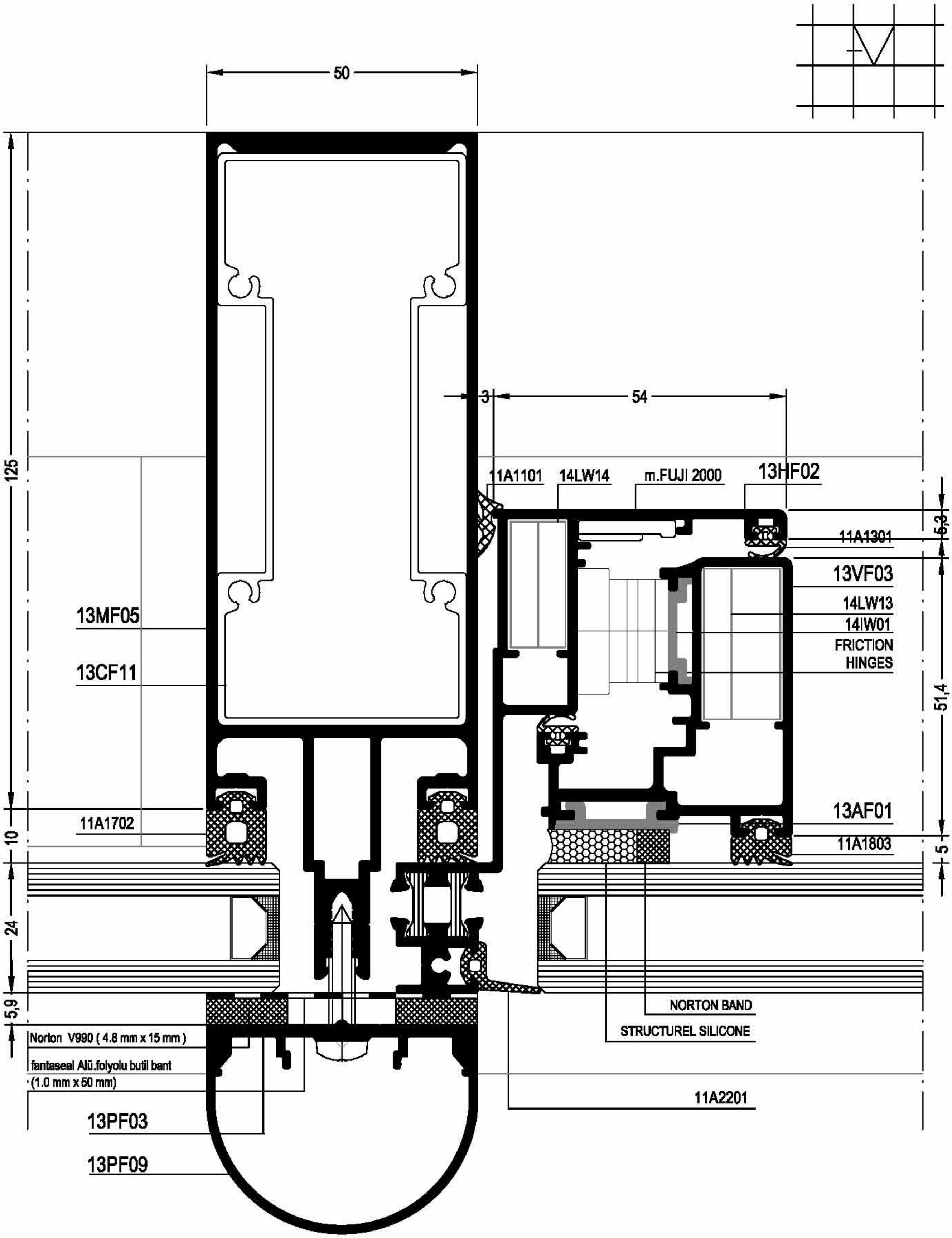


50
1,8
13MF04
13CF10
11A1702
11A2401
fantaseal Al0.folyolu butil bant
(1.0 mm x 50 mm)
13PF01
13PF07
A2 - 4.8 x 25
3
21,5
43
22
9730
11A1101
17VW01
14LW14
14GW19
11A1404
11A1102
20
11A2701
14LW14
m.FUJI 2000
11A1301
m.FUJI 2000
17FW12
50
9.5
43
5
32

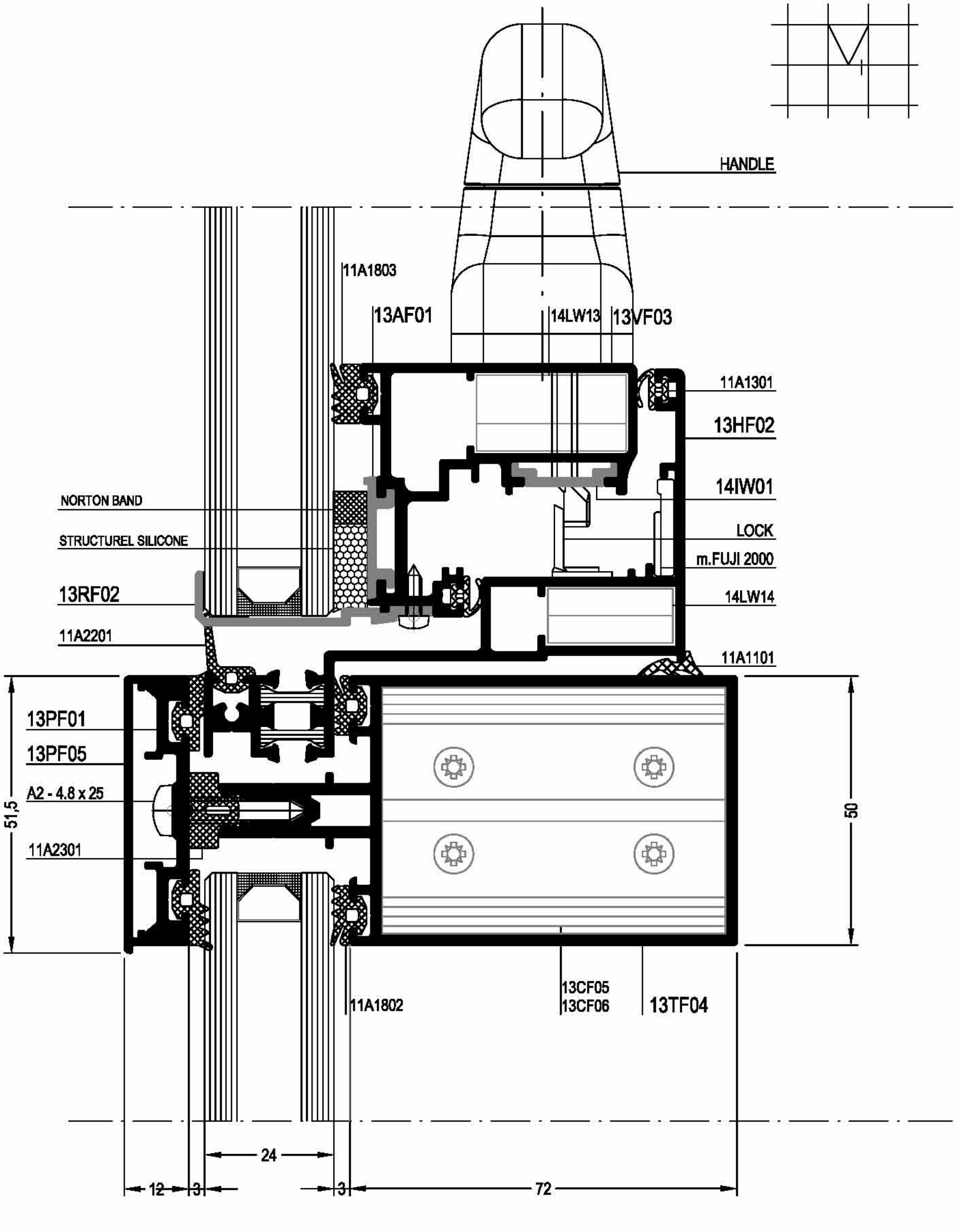
FACADE


HANDLE
11A1803
13AF01
14LW13
13VF03
11A1301
13HF02
14IW01
LOCK
m.FUJI 2000
14LW14
NORTON BAND
STRUCTUREL SILICONE
13RF05
11A2201
11A1101
13PF03
13PF05
A2 - 4.8 x 25
51,5
50
Norton V990 (4.8 mm x 15 mm)
fantaseal Alü.folyolu butil bant
(1.0 mm x 50 mm)
11A1802
13CF05
13CF06
13TF04
24
12
5,9
3
72

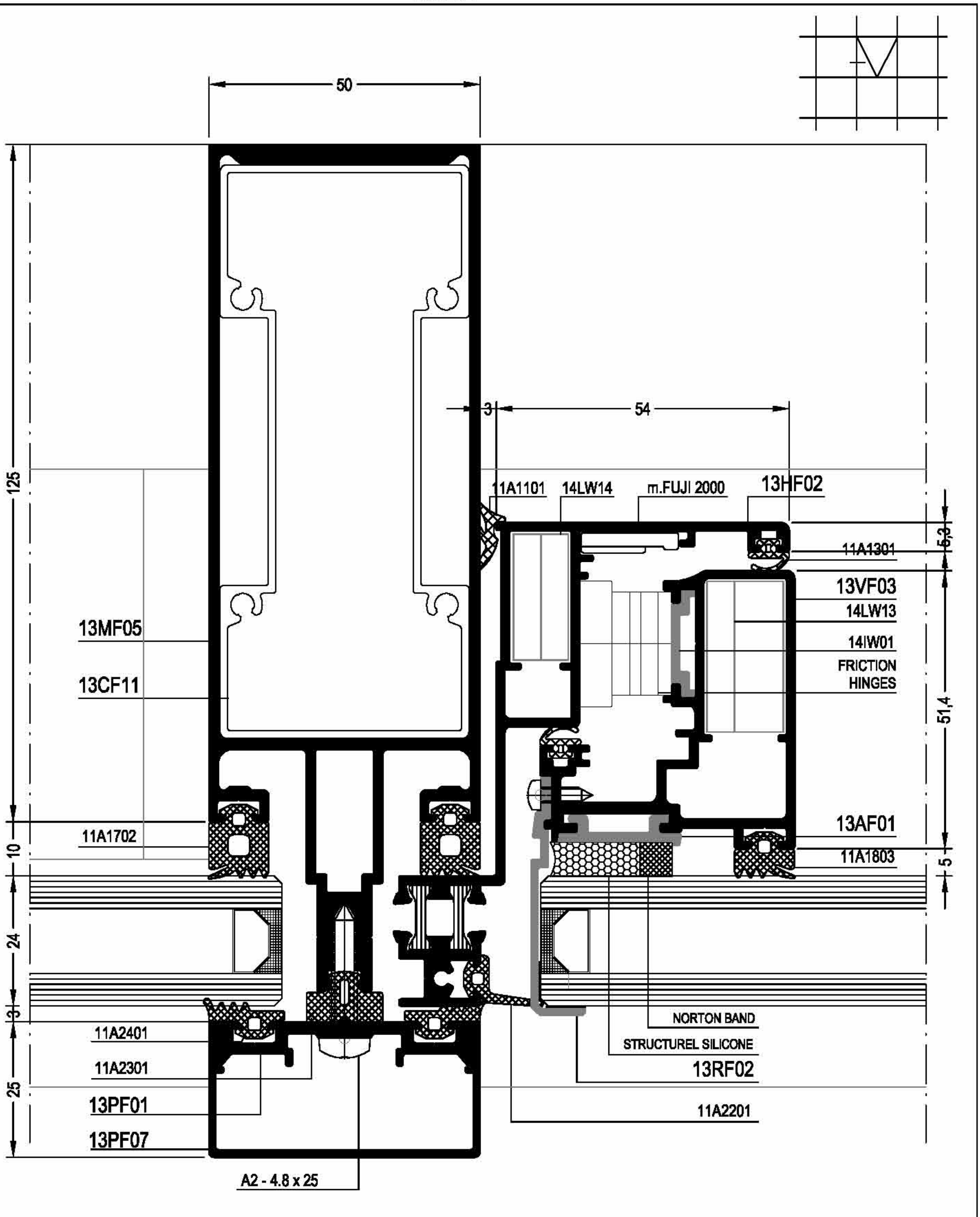
FACADE


50
125
3
54
11A1101
14LW14
m.FUJI 2000
13HF02
5,3
11A1301
13VF03
14LW13
14IW01
FRICTION
HINGES
51,4
13MF05
13CF11
11A1702
10
13AF01
11A1803
5
24
5,9
Norton V990 (4.8 mm x 15 mm)
fantaseal Alü.folyolu butil bant
(1.0 mm x 50 mm)
NORTON BAND
STRUCTUREL SILICONE
11A2201
13PF03
13PF09

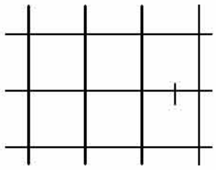
FACADE

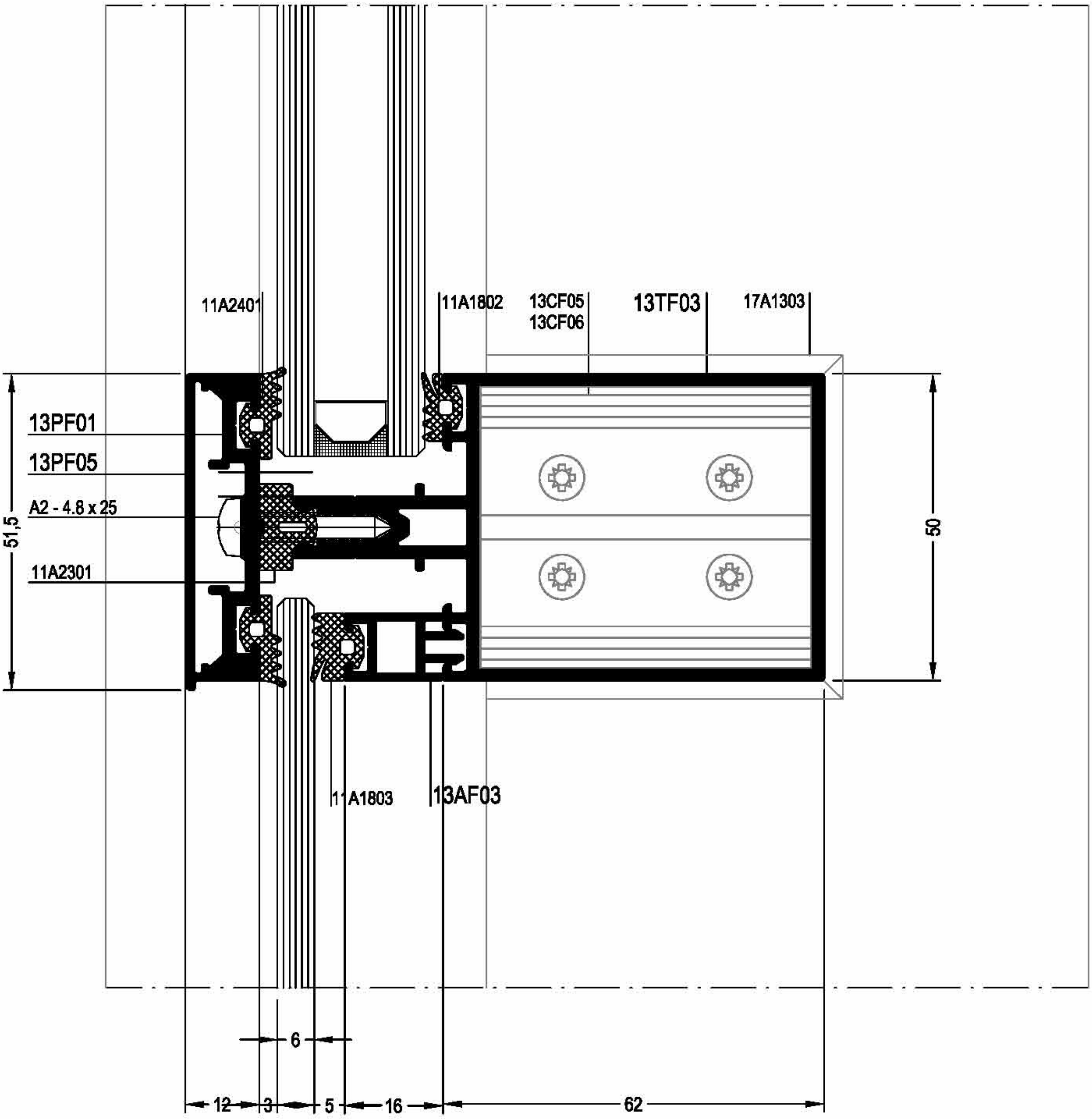

HANDLE
11A1803
13AF01
14LW13
13VF03
11A1301
13HF02
14IW01
LOCK
m.FUJI 2000
14LW14
NORTON BAND
STRUCTUREL SILICONE
13RF02
11A2201
11A1101
13PF01
13PF05
A2 - 4.8 x 25
51,5
11A2301
50
11A1802
13CF05
13CF06
13TF04
24
12
3
3
72

FACADE

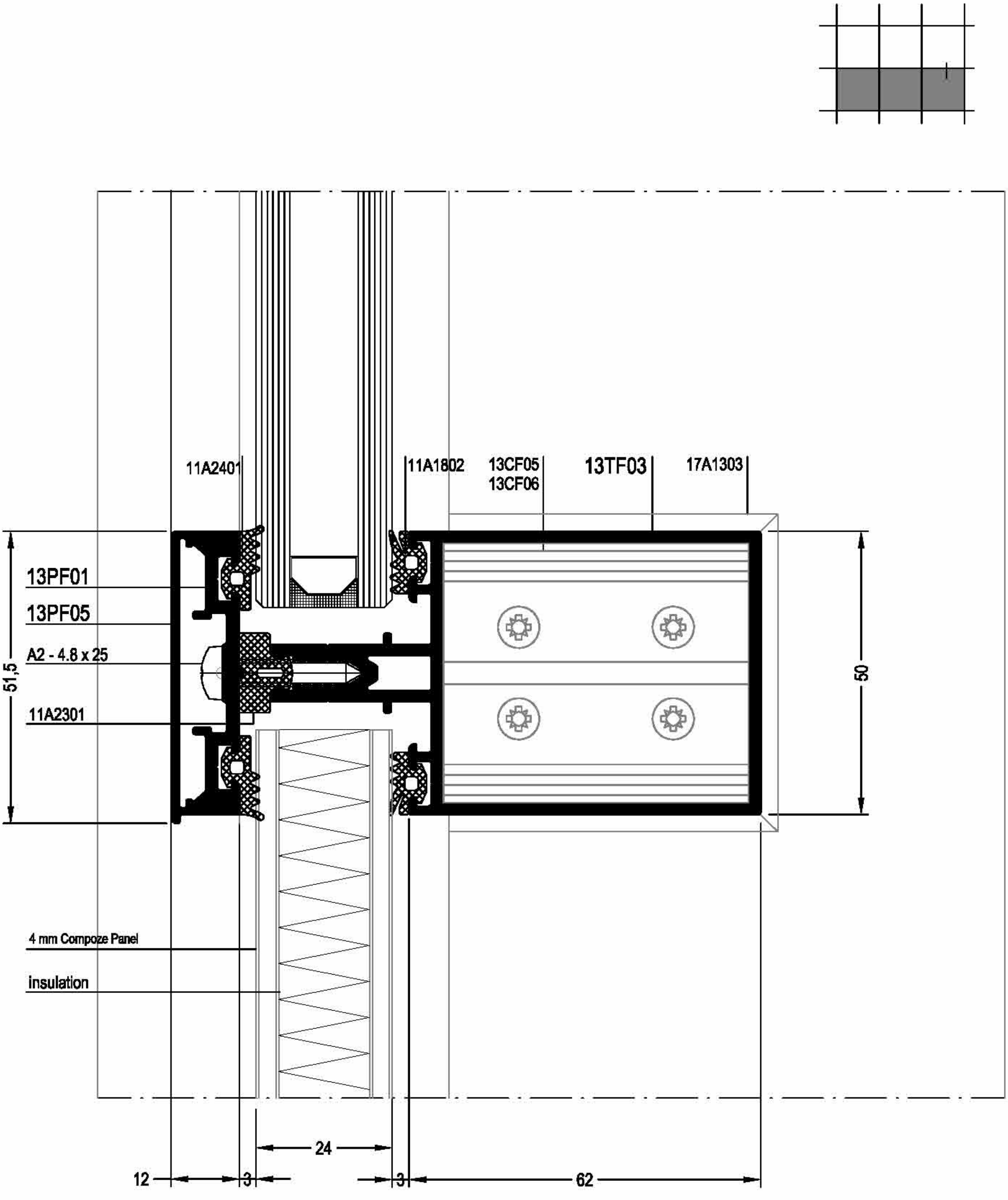

50
3
54
125
10
24
3
25
5,3
51,4
5
11A1101
14LW14
m.FUJI 2000
13HF02
11A1301
13VF03
14LW13
14IW01
FRICTION
HINGES
13MF05
13CF11
11A1702
13AF01
11A1803
NORTON BAND
STRUCTUREL SILICONE
13RF02
11A2201
11A2401
11A2301
13PF01
13PF07
A2 - 4.8 x 25

FACADE

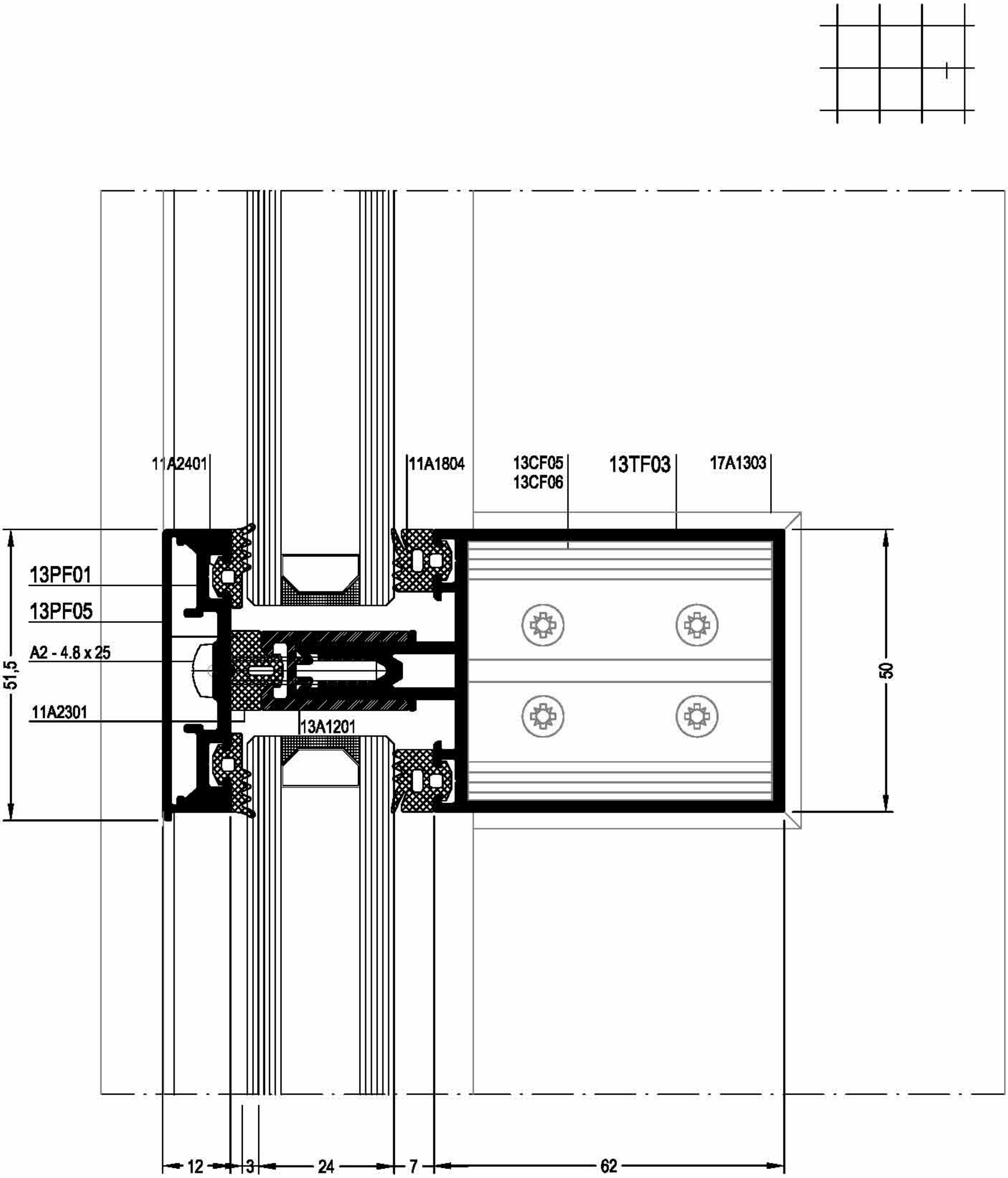



11A2401
11A1802
13CF05
13CF06
13TF03
17A1303
13PF01
13PF05
A2 - 4.8 x 25
11A2301
51,5
50
11A1803
13AF03
6
12
3
5
16
62

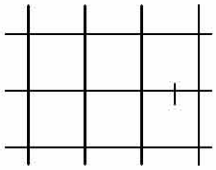
FACADE

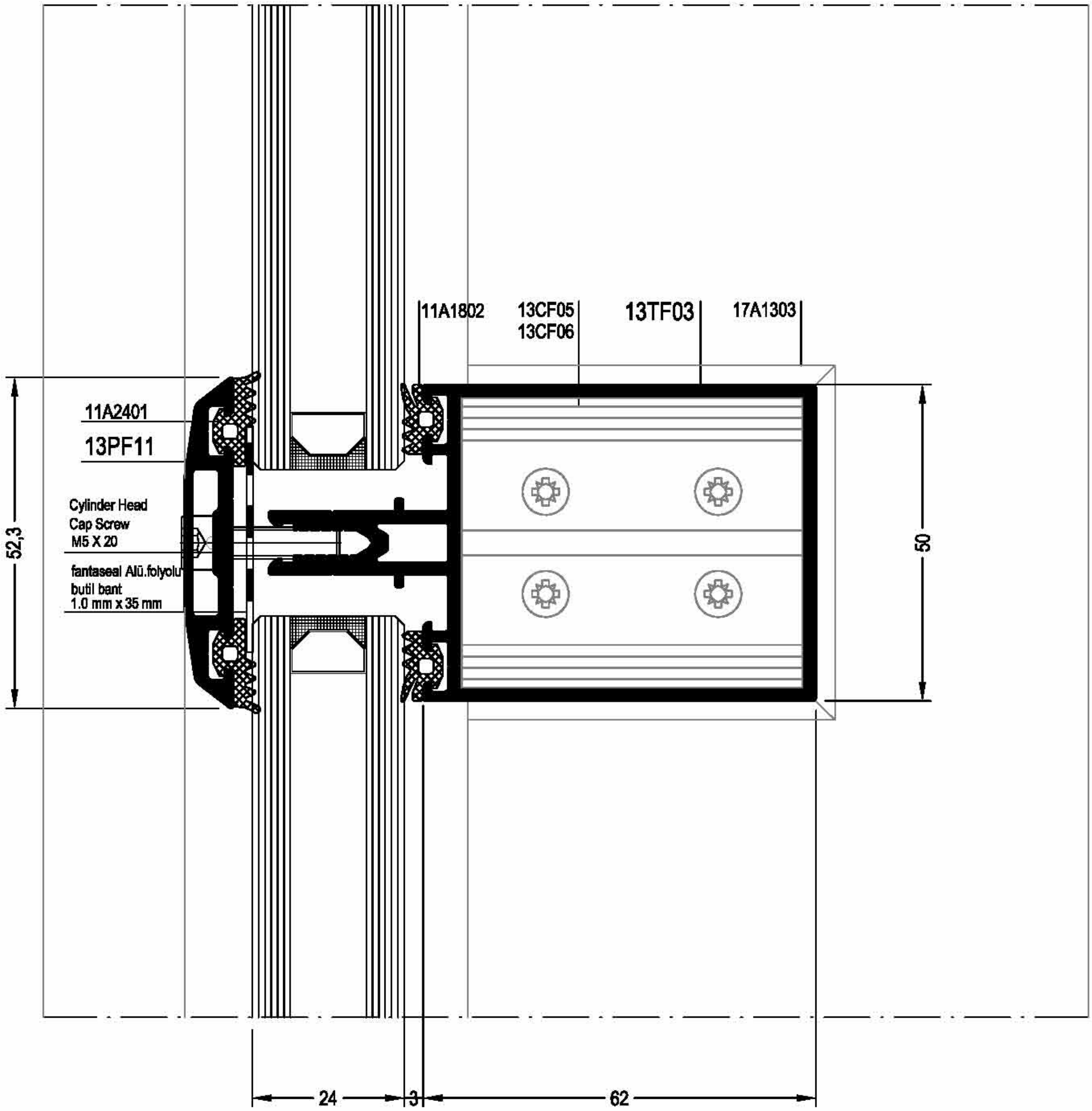

11A2401
11A1802
13CF05
13CF06
13TF03
17A1303
13PF01
13PF05
A2 - 4.8 x 25
11A2301
51,5
50
4 mm Compoze Panel
insulation
24
12
3
3
62

FACADE

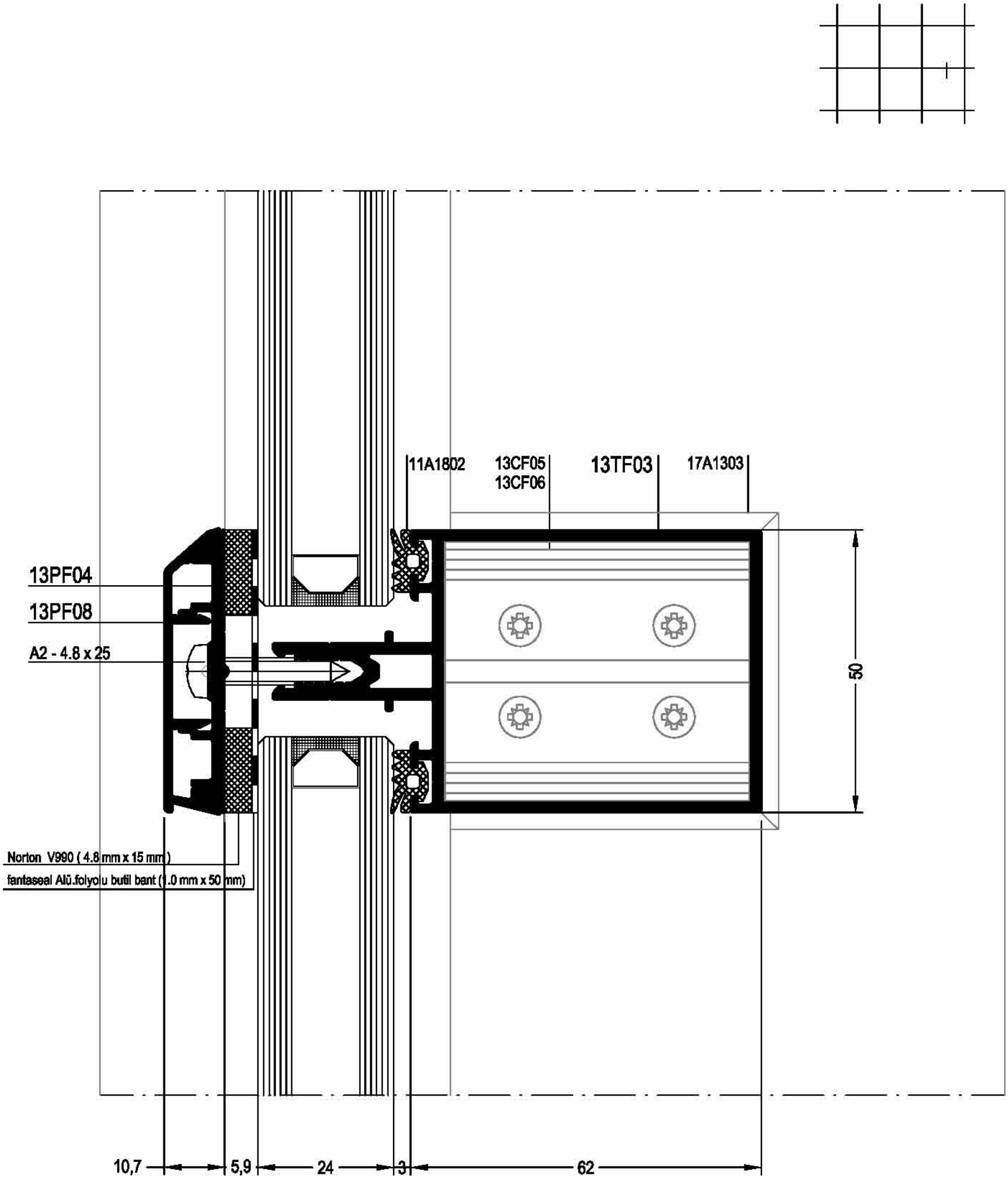

11A2401
11A1804
13CF05
13CF06
13TF03
17A1303
13PF01
13PF05
A2 - 4.8 x 25
11A2301
13A1201
51,5
50
12
3
24
7
62

FACADE

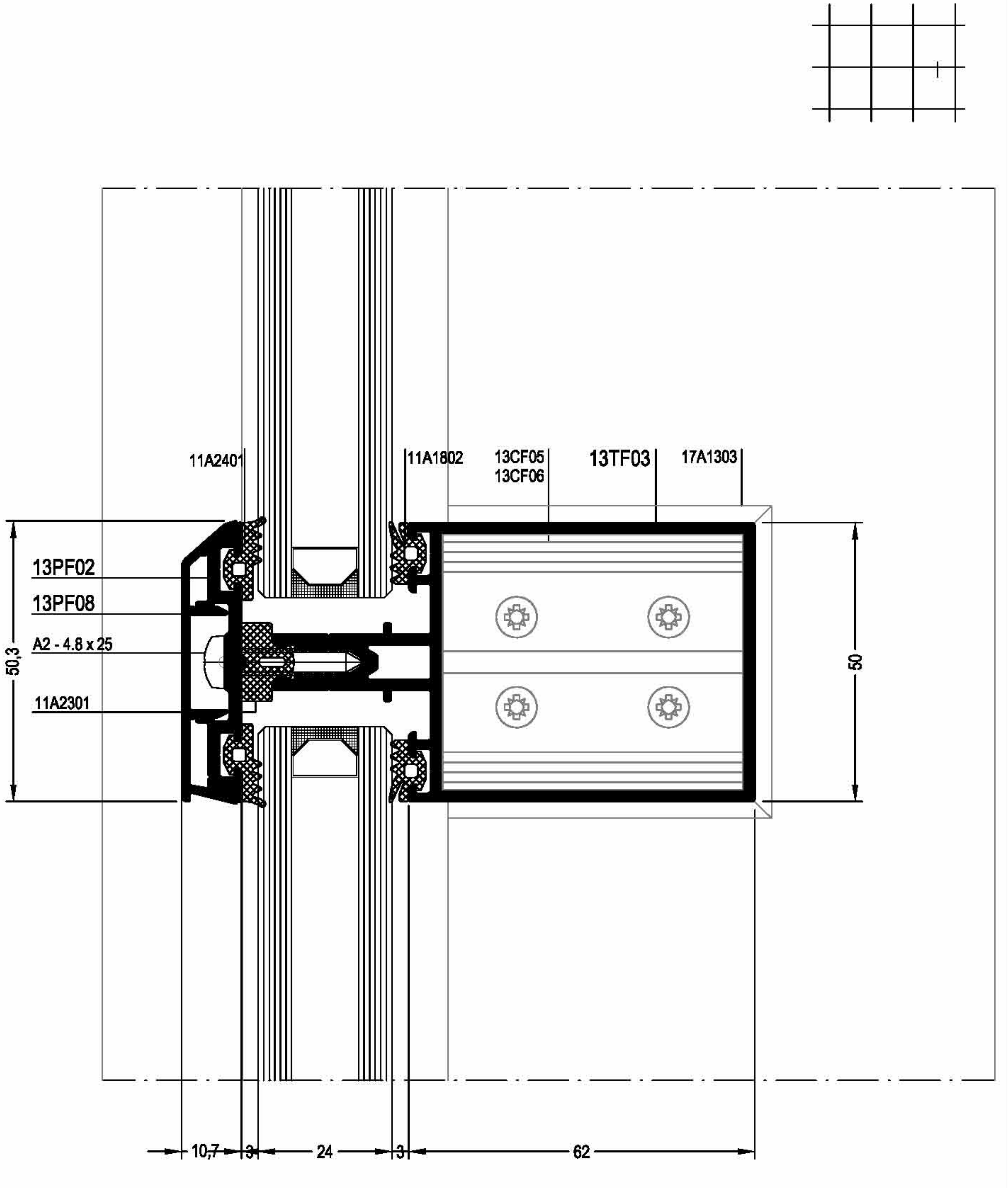



11A1802
13CF05
13CF06
13TF03
17A1303
11A2401
13PF11
Cylinder Head
Cap Screw
M5 X 20
fantaseal Alü.folyolu
butil bant
1.0 mm x 35 mm
52,3
50
24
3
62

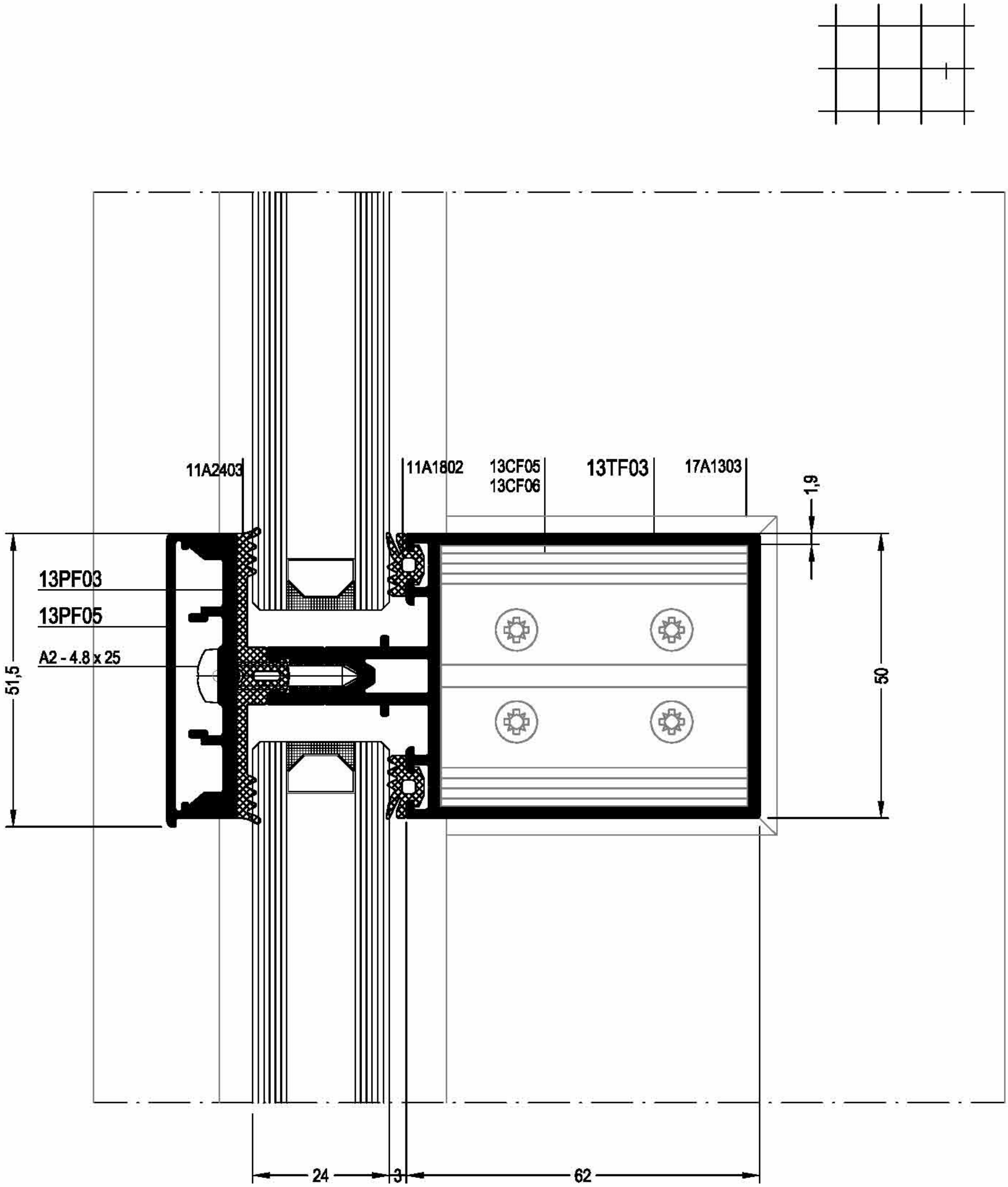
FACADE


11A1802
13CF05
13CF06
13TF03
17A1303
13PF04
13PF08
A2 - 4.8 x 25
50
Norton V990 (4.8 mm x 15 mm)
fantaseal Alü.folyolu butil bant (1.0 mm x 50 mm)
10,7
5,9
24
3
62

FACADE


11A2401
11A1802
13CF05
13CF06
13TF03
17A1303
13PF02
13PF08
A2 - 4.8 x 25
11A2301
50,3
50
10,7
3
24
3
62

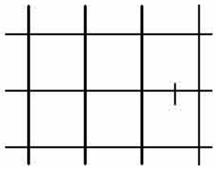
FACADE

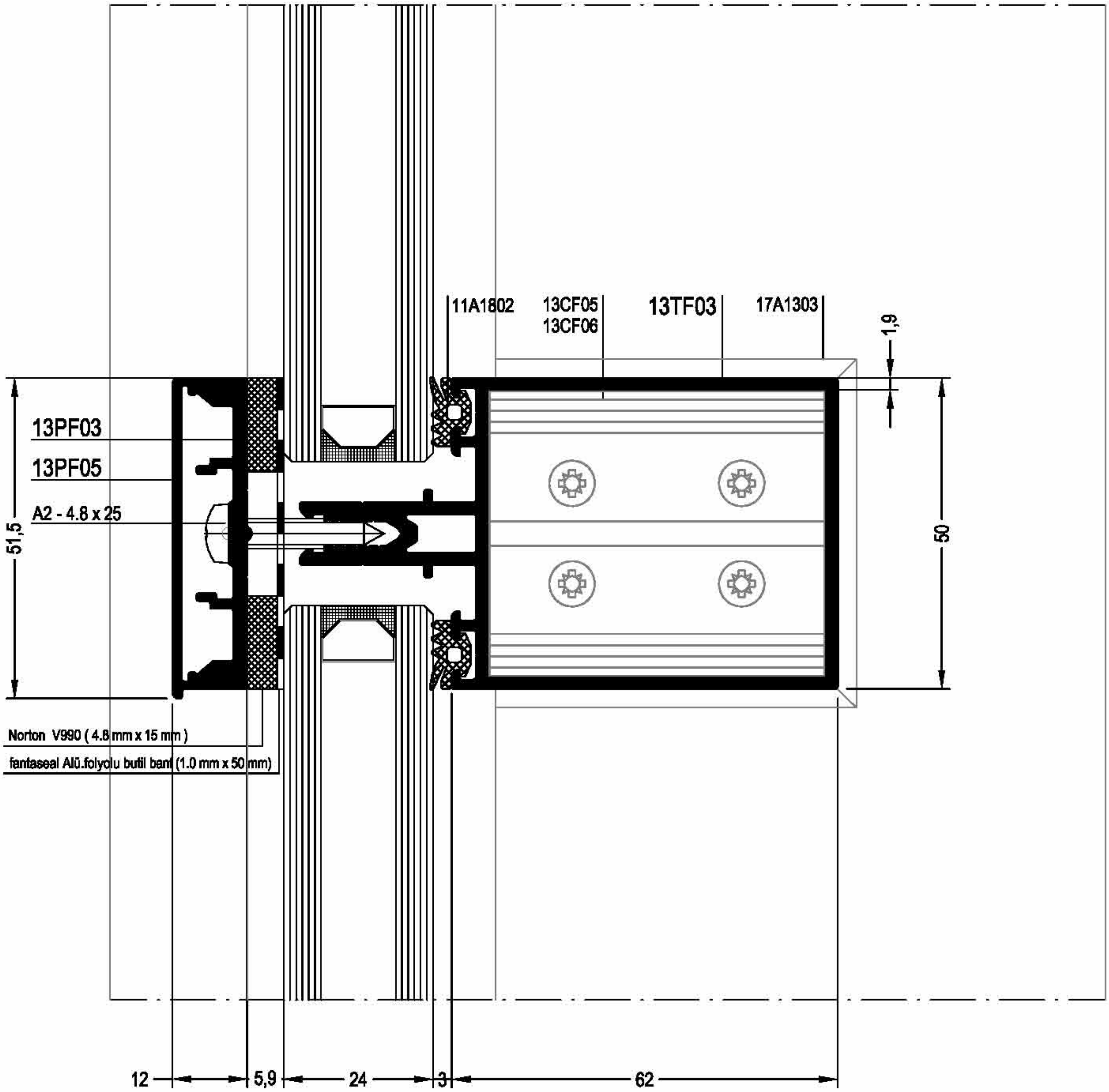

11A2403
11A1802
13CF05
13CF06
13TF03
17A1303
1,9
13PF03
13PF05
A2 - 4.8 x 25
51,5
50
24
3
62

SYSTEM LEGEND 13'50 F

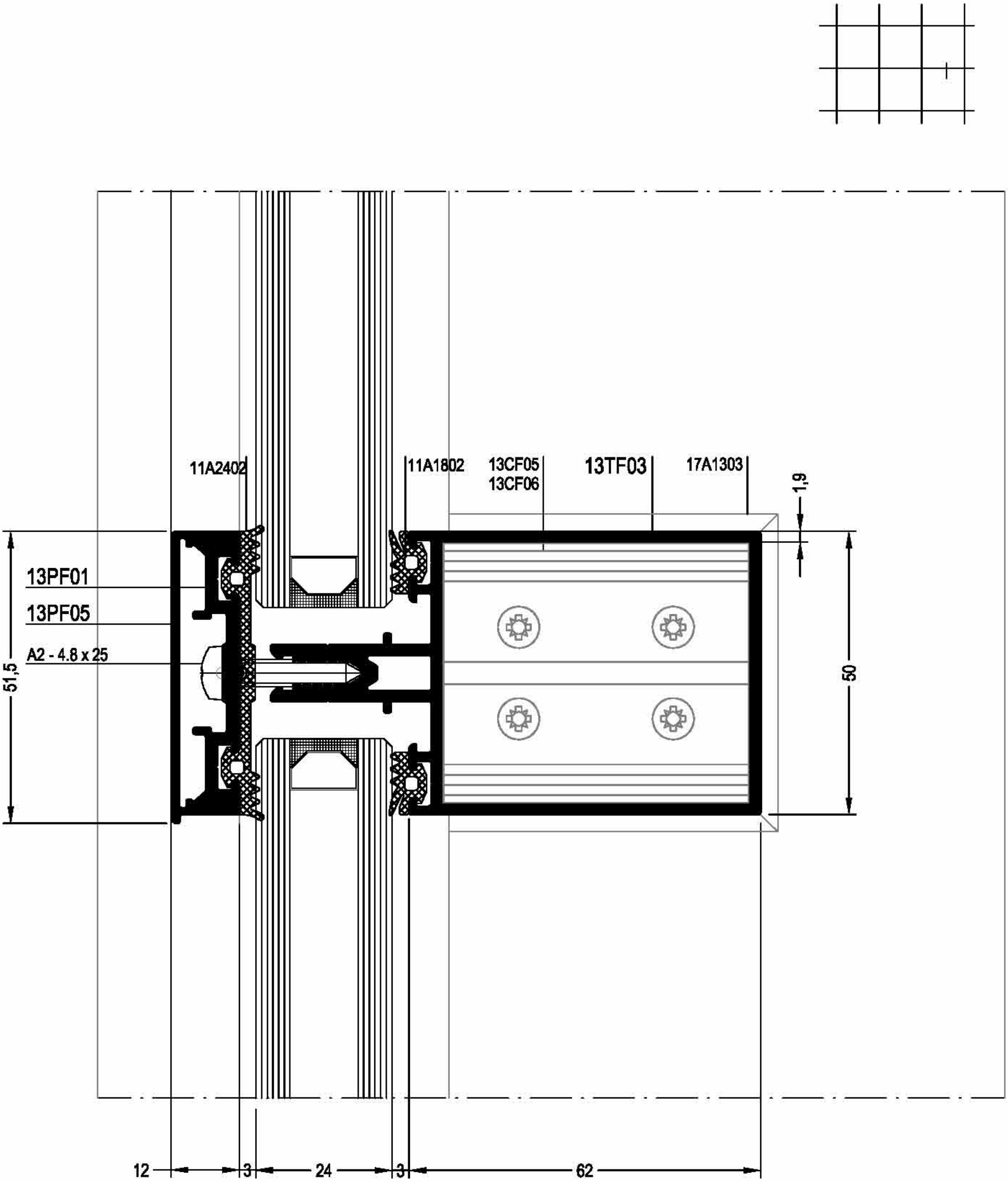
DETAILS

FACADE

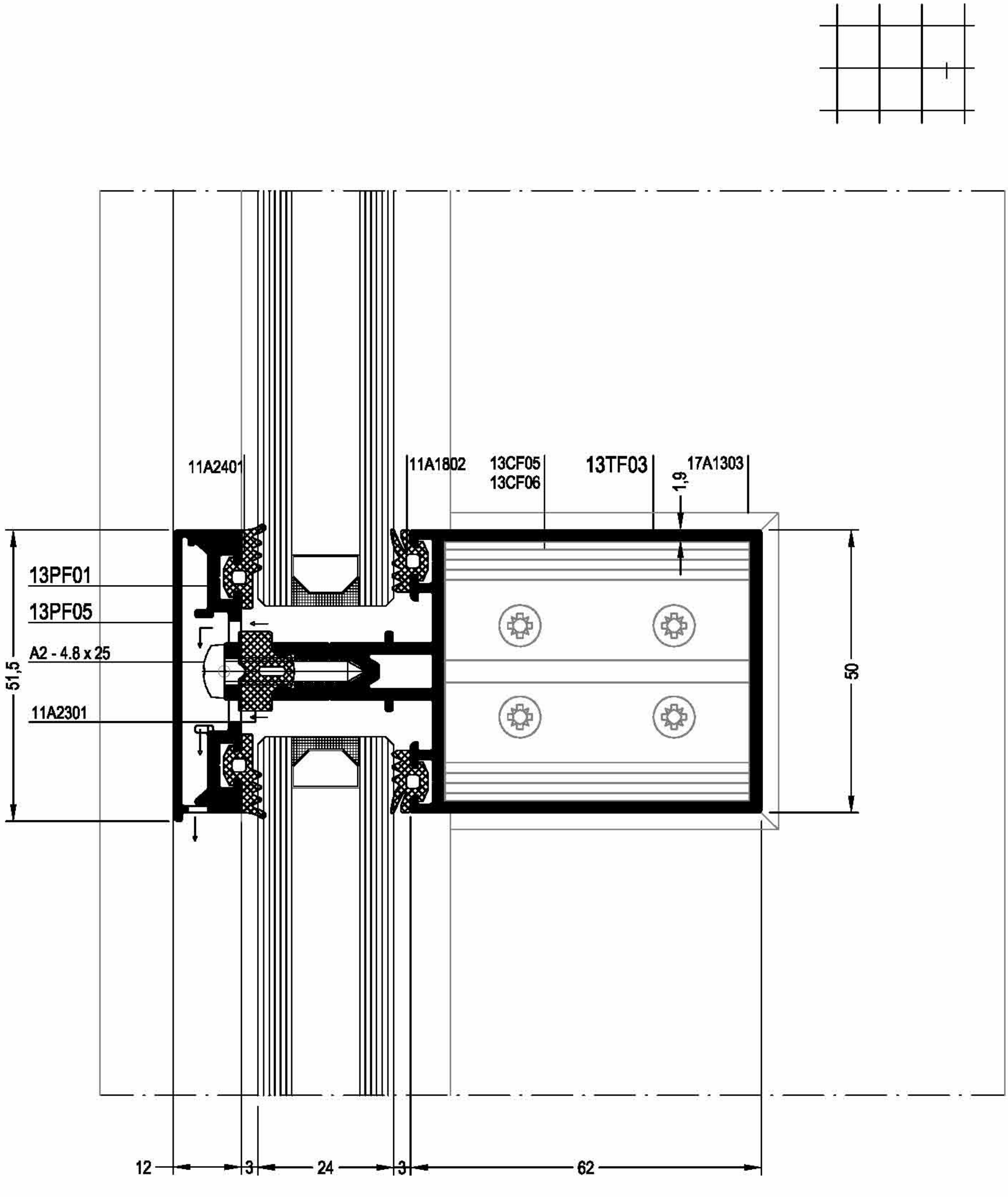




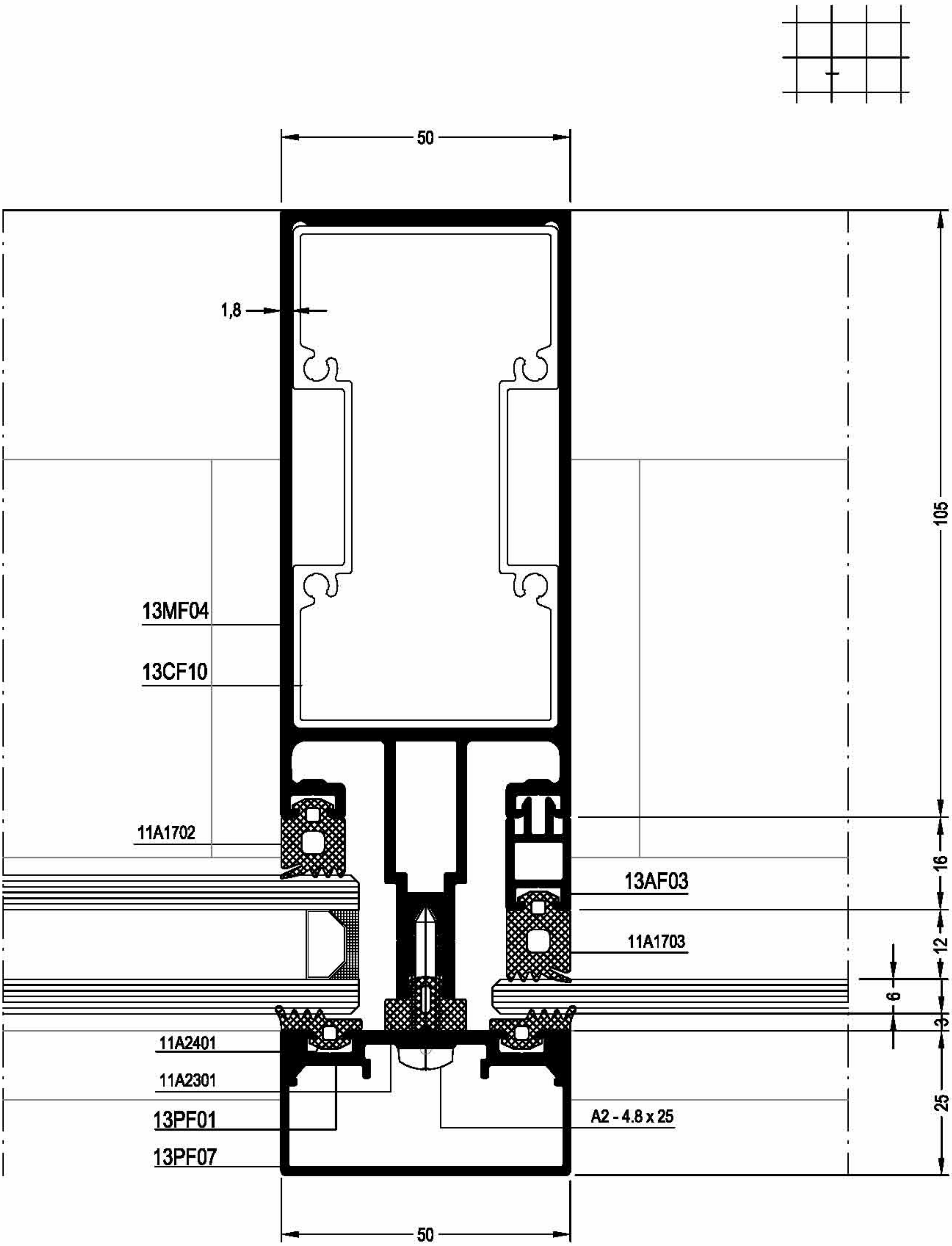
FACADE


11A2402
11A1802
13CF05
13CF06
13TF03
17A1303
1,9
13PF01
13PF05
A2 - 4.8 x 25
51,5
50
12
3
24
3
62

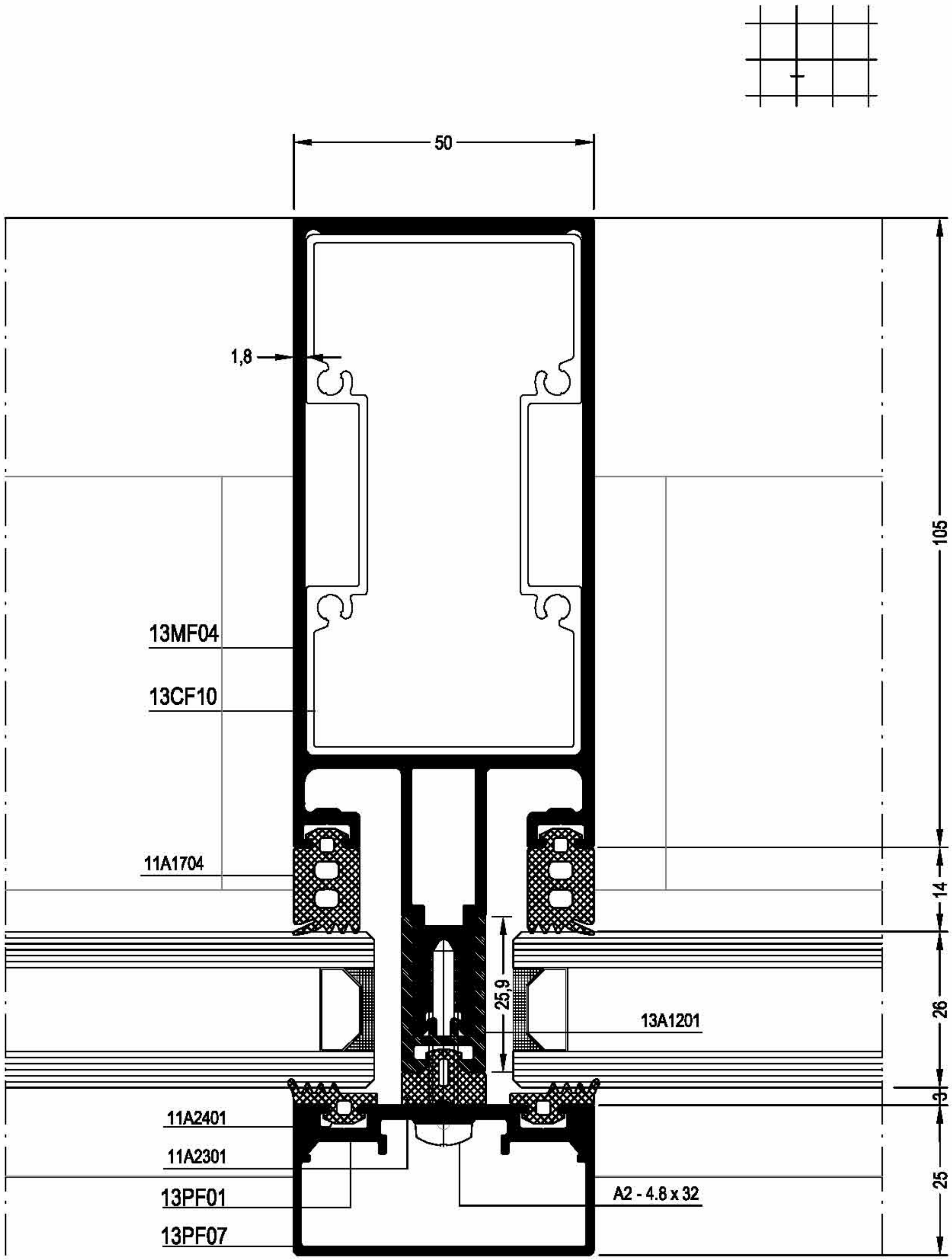
FACADE


11A2401
11A1802
13CF05
13CF06
13TF03
17A1303
1,9
13PF01
13PF05
A2 - 4.8 x 25
11A2301
51,5
50
12
3
24
3
62

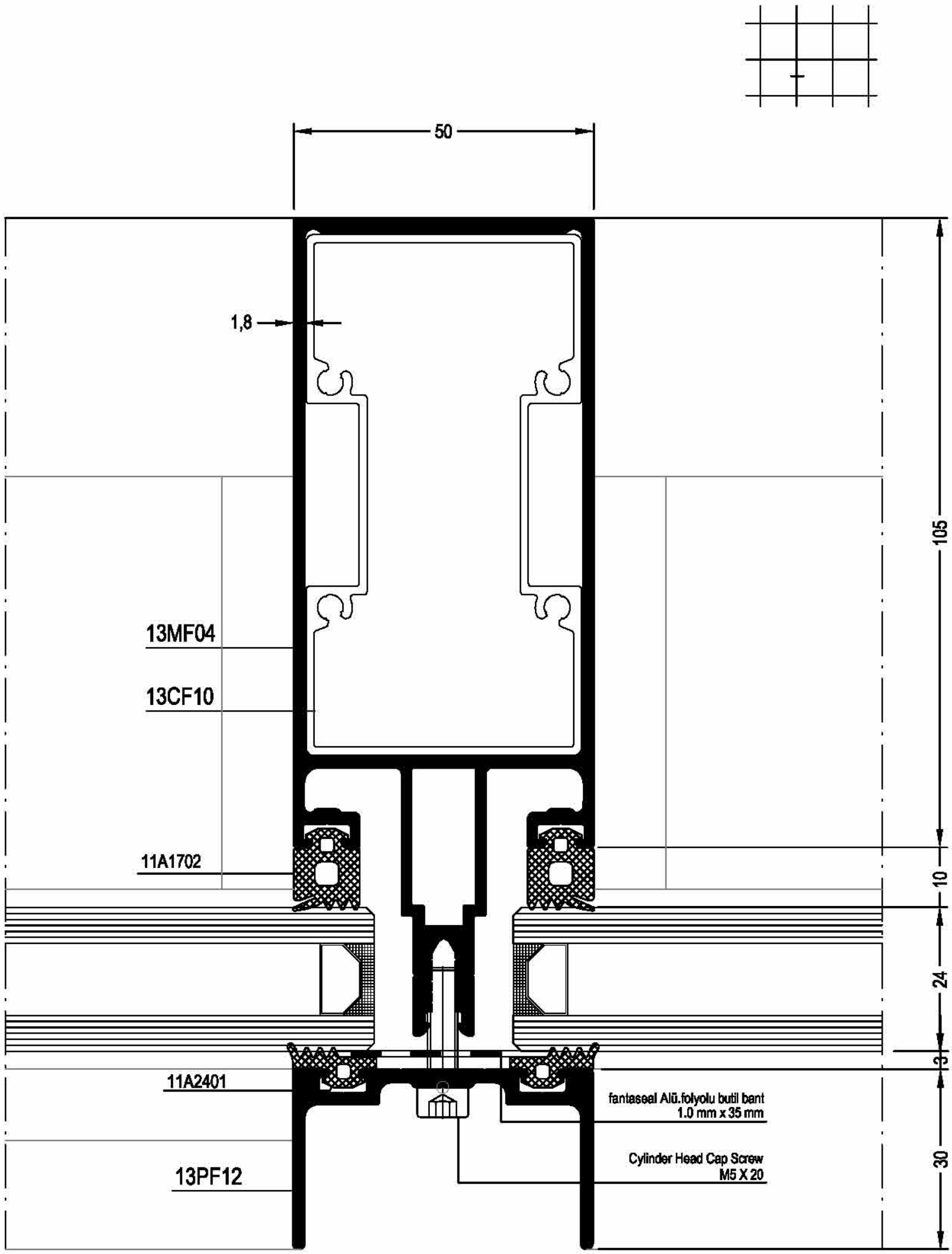
FACADE


50
1,8
105
13MF04
13CF10
11A1702
16
13AF03
12
11A1703
6
3
11A2401
11A2301
13PF01
13PF07
A2 - 4.8 x 25
25
50

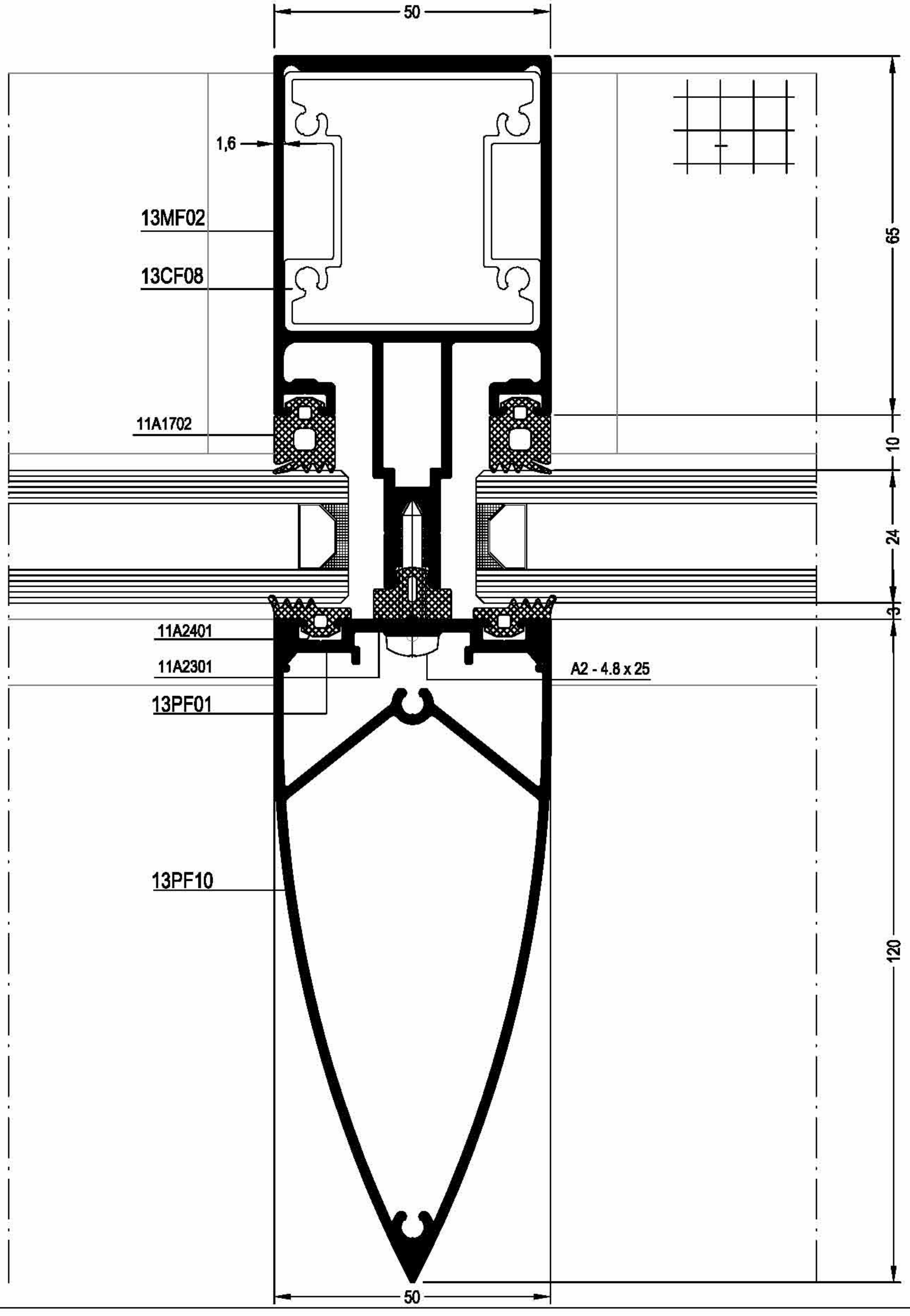
FACADE


50
1,8
13MF04
13CF10
11A1704
105
14
25,9
13A1201
26
3
11A2401
11A2301
13PF01
13PF07
A2 - 4.8 x 32
25

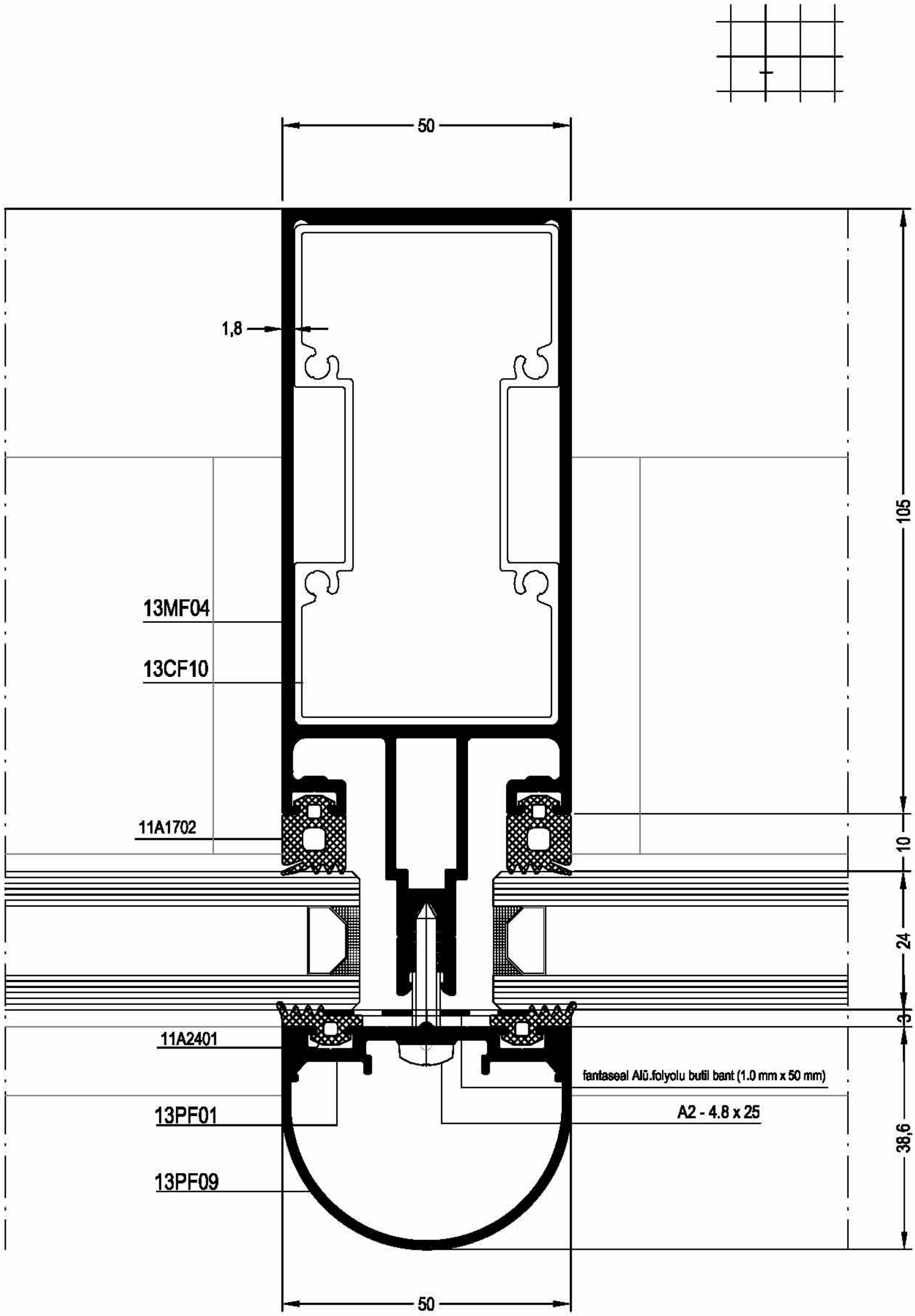
FACADE


50
1,8
105
10
24
3
30
13MF04
13CF10
11A1702
11A2401
13PF12
fantaseal Alü.folyolu butil bant
1.0 mm x 35 mm
Cylinder Head Cap Screw
M5 X 20

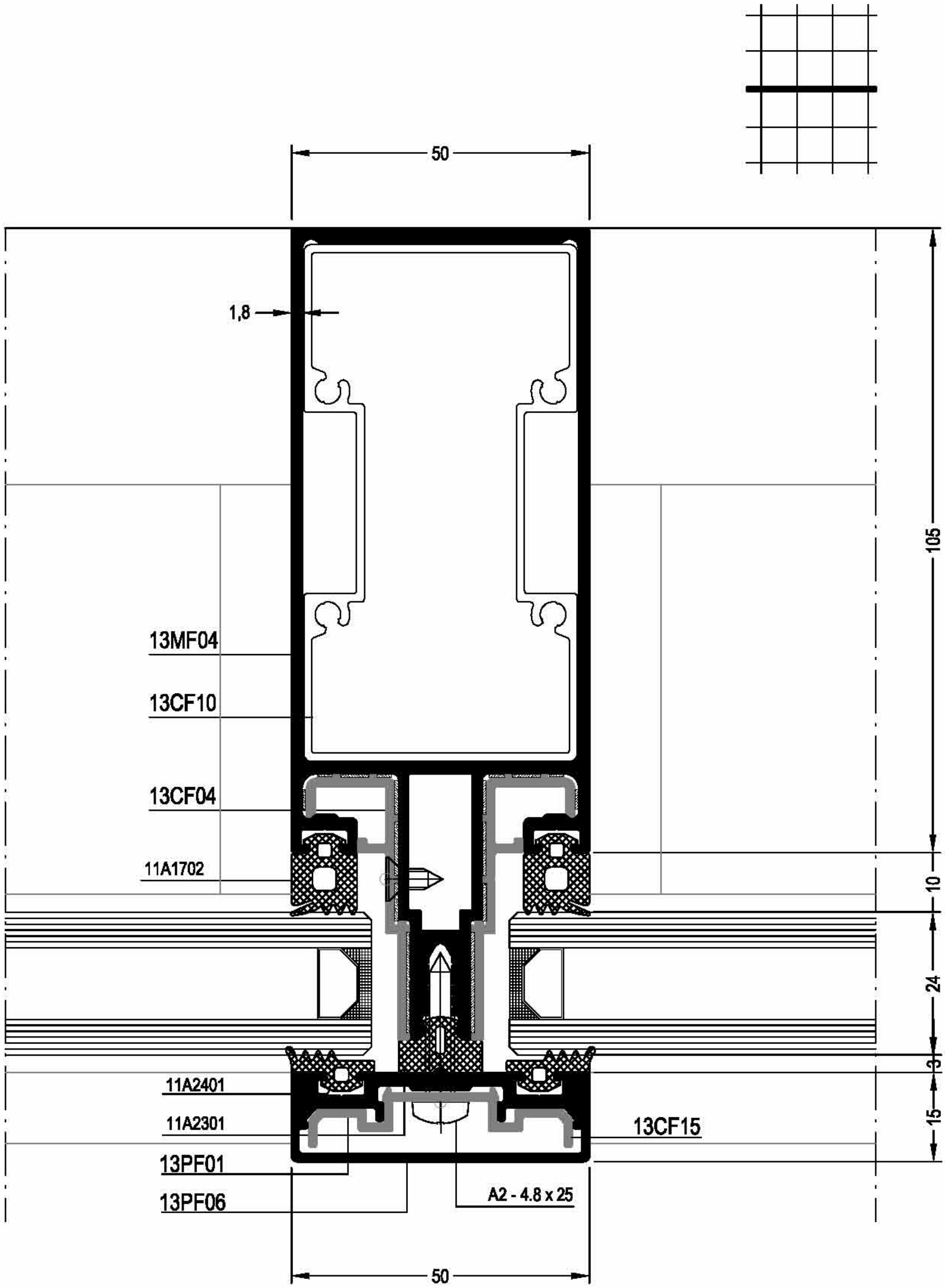
FACADE


50
1,6
13MF02
13CF08
11A1702
11A2401
11A2301
13PF01
A2 - 4.8 x 25
13PF10
65
10
24
3
120
50

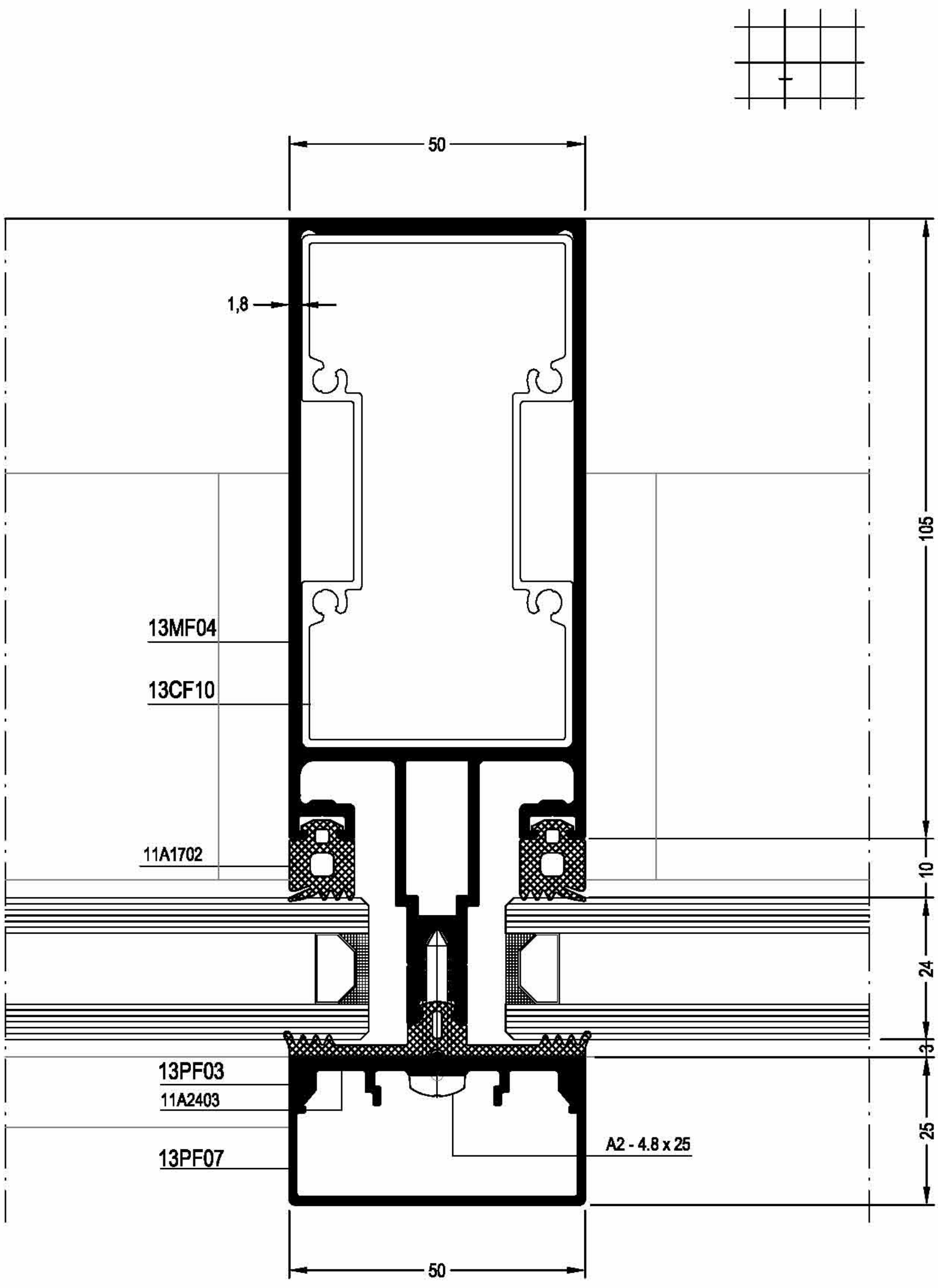
FACADE


50
1,8
13MF04
13CF10
11A1702
11A2401
13PF01
13PF09
fantaseal Alü.folyolu butil bant (1.0 mm x 50 mm)
A2 - 4.8 x 25
105
10
24
3
38,6
50

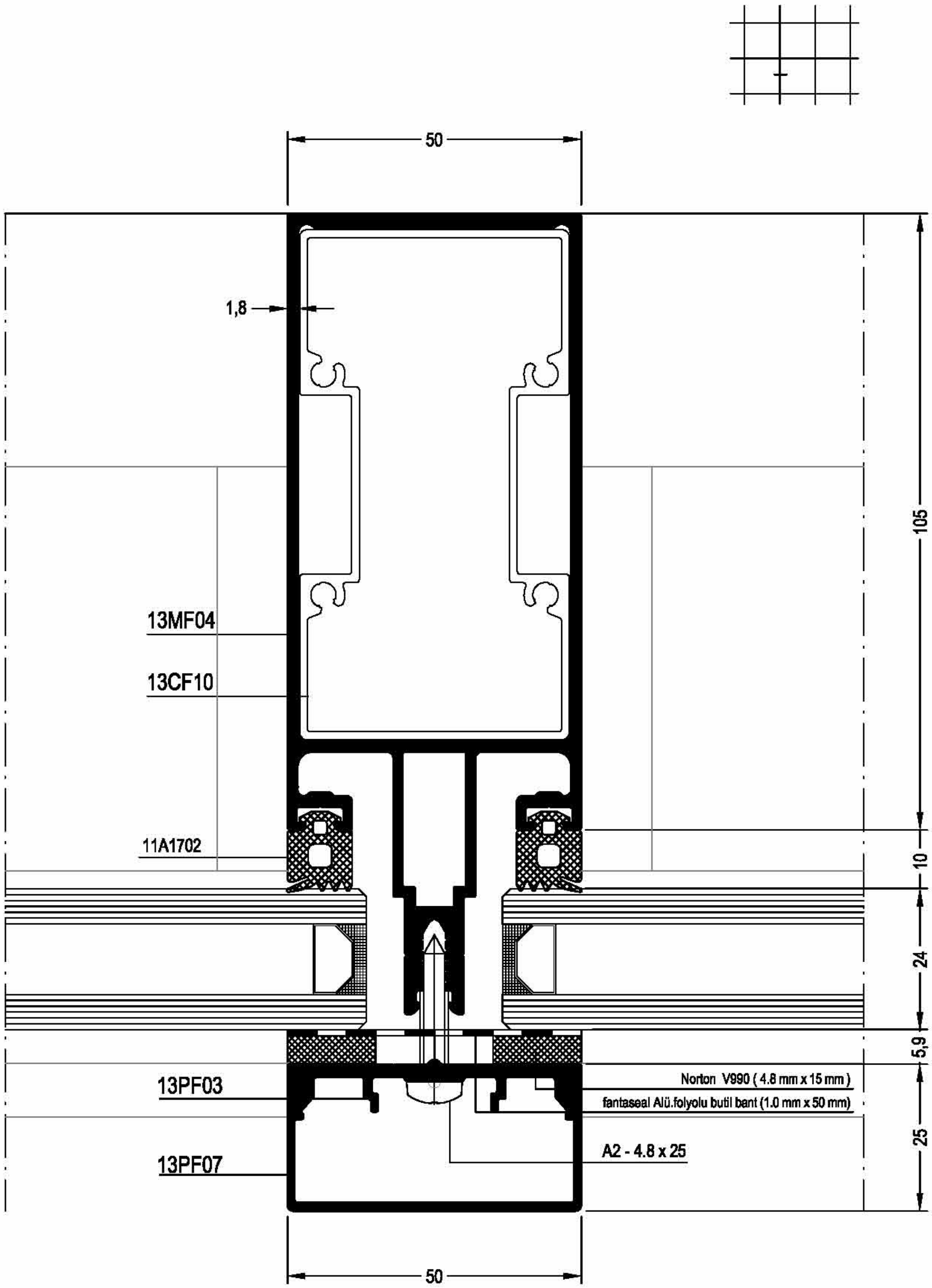
FACADE


50
1,8
13MF04
13CF10
13CF04
11A1702
11A2401
11A2301
13PF01
13PF06
A2 - 4.8 x 25
13CF15
105
10
24
3
15
50

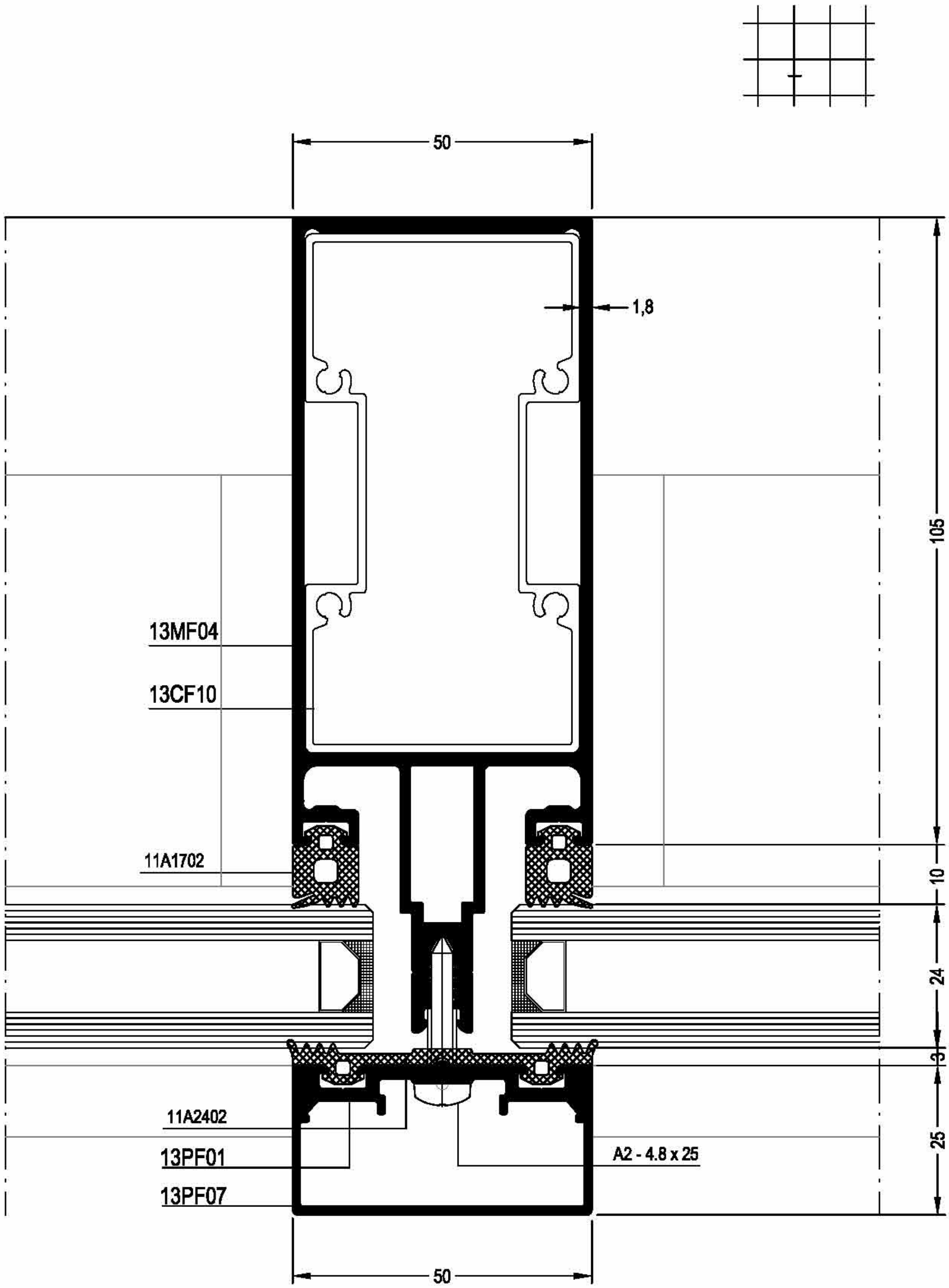
FACADE


50
1,8
13MF04
13CF10
11A1702
105
10
24
3
13PF03
11A2403
A2 - 4.8 x 25
25
13PF07
50

FACADE


50
1,8
13MF04
13CF10
11A1702
13PF03
13PF07
105
10
24
5,9
25
Norton V990 (4.8 mm x 15 mm)
fantaseal Alü.folyolu butil bant (1.0 mm x 50 mm)
A2 - 4.8 x 25
50

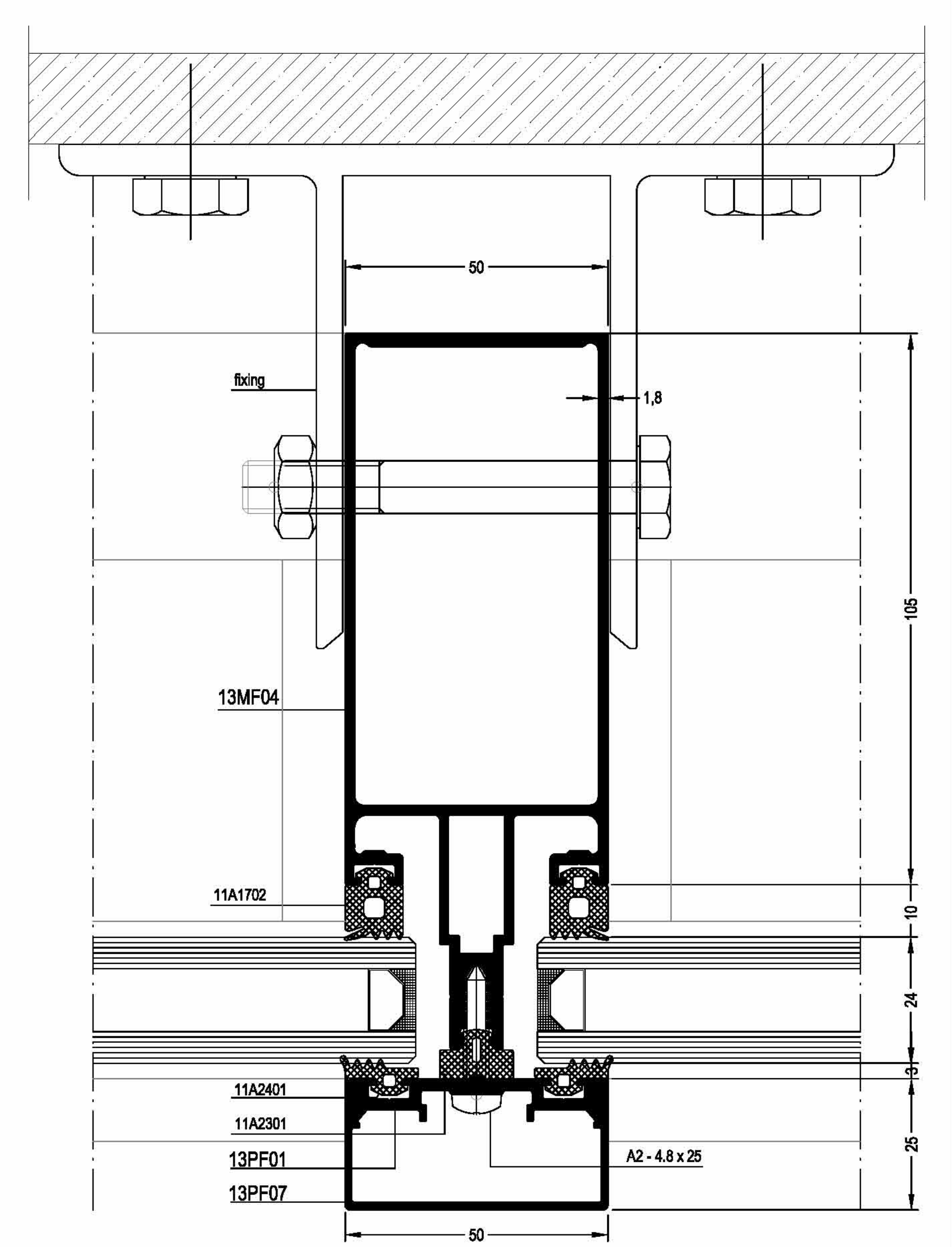
FACADE


50
1,8
105
10
24
3
25
13MF04
13CF10
11A1702
11A2402
13PF01
13PF07
A2 - 4.8 x 25
50

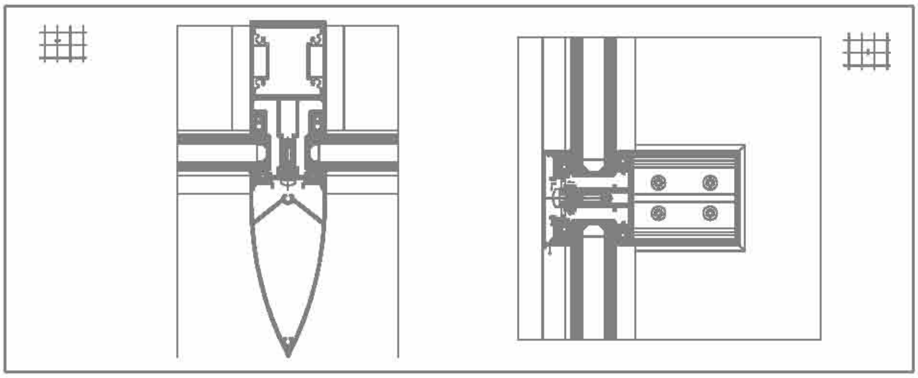
SYSTEM LEGEND 13'50 F

DETAILS

FACADE

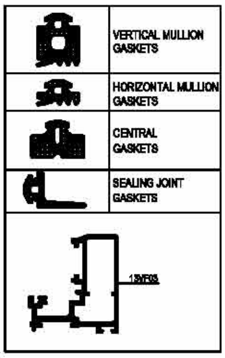


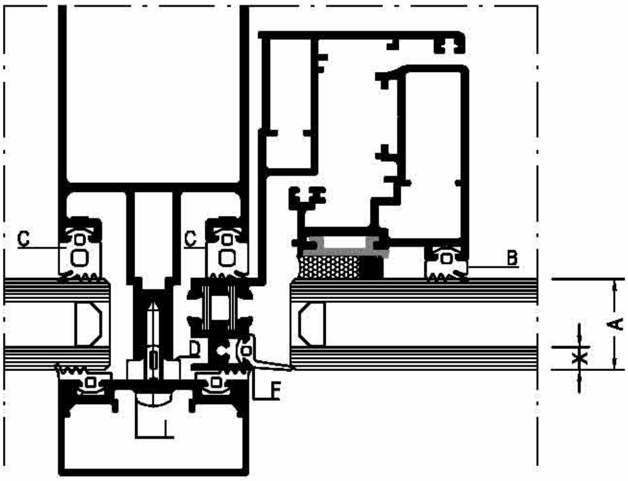
e - CURTAIN WALL - WITH STANDART VERSION

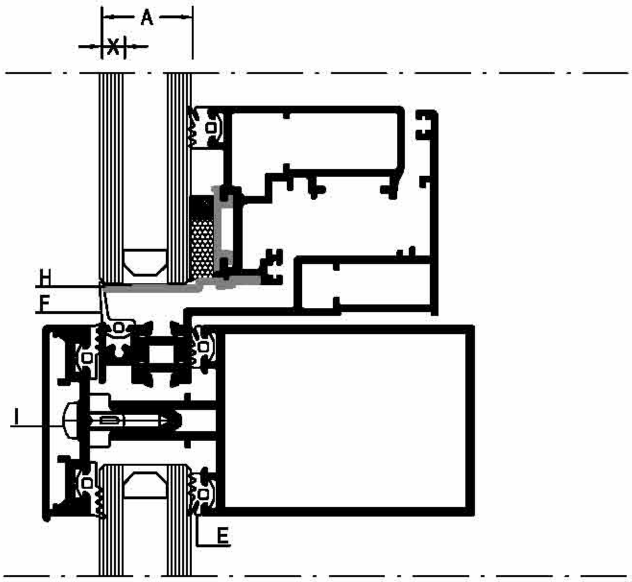


STANDART FACADE

TABLE OF GLASS THICKNESS WITHOUT RETAINING PROFILE



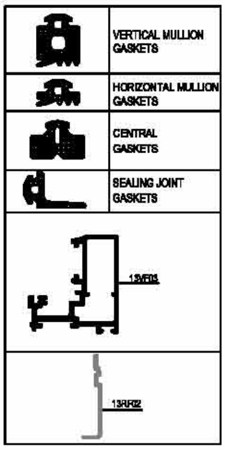


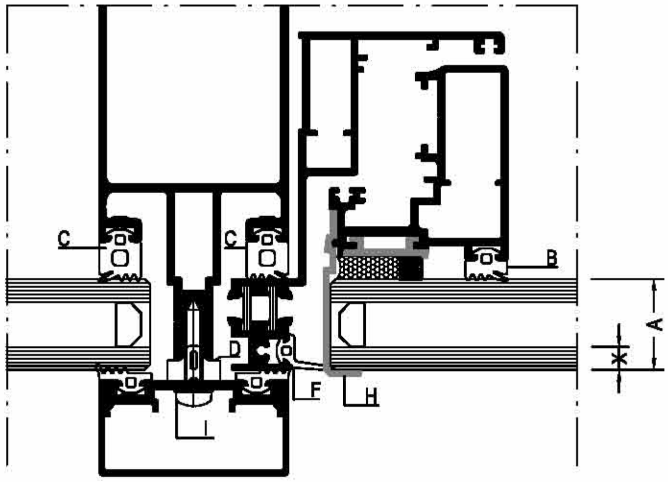


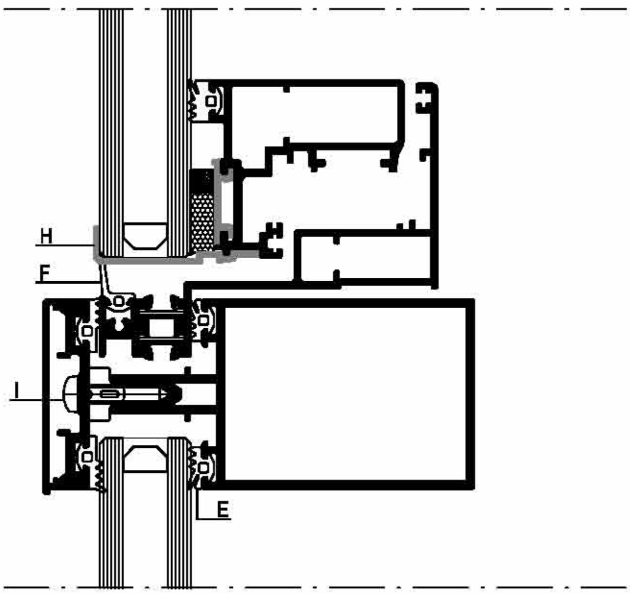
Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓕ	Ⓗ	Ⓘ
GLAZING THICKNESS (mm)	GLAZING GASKET INSIDE OUTSIDE GLASS THICKNESS X (6 mm)	VERTICAL MULLION GASKETS	CENTRAL GASKETS	HORIZONTAL MULLION GASKETS	SEALING JOINT GASKET	RETAINING PROFILE	SCREW (DIN ISO 7049 -A2)
24 mm	11A1803	11A1702	11A2301	11A1802	11A2201	13RF05	4.8 x 32 cross recessed inox stainless steel

STANDART FACADE

TABLE OF GLASS THICKNESS WITH RETAINING PROFILE



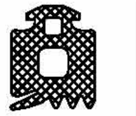
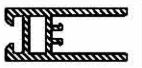


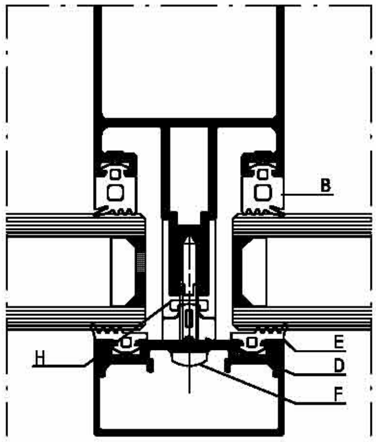


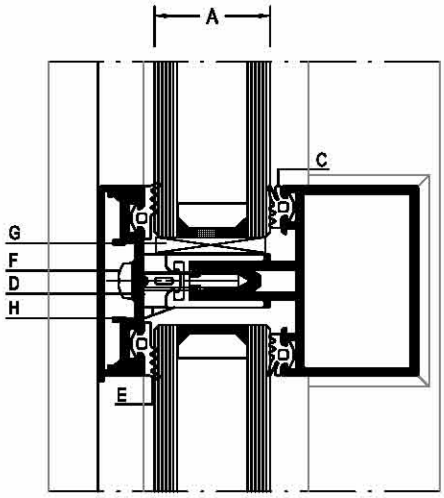
A	B	C	D	E	F	H	I
GLAZING THICKNESS (mm)	GLAZING GASKET INSIDE OUTSIDE GLASS THICKNESS X (6 mm)	VERTICAL MULLION GASKETS	CENTRAL GASKETS	HORIZONTAL MULLION GASKETS	SEALING JOINT GASKET	RETAINING PROFILE	SCREW (DIN ISO 7049 -A2)
24 mm	11A1803	11A1702	11A2301	11A1802	11A2201	13RF02	4.8 x 32 cross recessed inox stainless steel

FACADE

TABLE OF GLASS THICKNESS WITH THERMO BREAK PROFILE

	VERTICAL MULLION GASKETS
	HORIZONTAL MULLION GASKETS
	CENTRAL GASKETS
	GLAZING GASKETS
	PVC INSULATE PROFILE





A	B	C	H	D	E	F	G
GLAZING THICKNESS (mm)	VERTICAL MULLION GASKETS	HORIZONTAL MULLION GASKETS	PVC INSULATE PROFILE	CENTRAL GASKETS	GLAZING GASKETS	SCREW (DIN ISO 7049 -A2)	GLASS SUPPORT
24 mm	11A1705	11A1805	13A1201	11A2301	11A2401	4.8 x 32 cross recessed inox stainless steel	------
26 mm	11A1704	11A1804	13A1201	11A2301	11A2401	4.8 x 32 cross recessed inox stainless steel	------
28 mm	11A1703	11A1803	13A1201	11A2301	11A2401	4.8 x 32 cross recessed inox stainless steel	------
30 mm	11A1703	11A1803	13A1201	11A2302	11A2401	4.8 x 38 cross recessed inox stainless steel	------
32 mm	11A1702	11A1802	13A1201	11A2302	11A2401	4.8 x 38 cross recessed inox stainless steel	------
34 mm	11A1703	11A1803	13A1202	11A2301	11A2401	4.8 x 38 cross recessed inox stainless steel	------
36 mm	11A1702	11A1802	13A1202	11A2301	11A2401	4.8 x 38 cross recessed inox stainless steel	------
38 mm	11A1704	11A1804	13A1203	11A2301	11A2401	4.8 x 45 cross recessed inox stainless steel	------
40 mm	11A1703	11A1803	13A1203	11A2301	11A2401	4.8 x 45 cross recessed inox stainless steel	------
42 mm	11A1702	11A1802	13A1203	11A2301	11A2401	4.8 x 45 cross recessed inox stainless steel	------
44 mm	11A1702	11A1802	13A1203	11A2302	11A2401	4.8 x 45 cross recessed inox stainless steel	------
46 mm	11A1704	11A1804	13A1204	11A2302	11A2401	4.8 x 50 cross recessed inox stainless steel	------
48 mm	11A1703	11A1803	13A1204	11A2302	11A2401	4.8 x 50 cross recessed inox stainless steel	------
50 mm	11A1702	11A1802	13A1204	11A2302	11A2401	4.8 x 50 cross recessed inox stainless steel	------

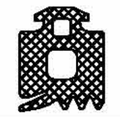
BRL® Aluminium System

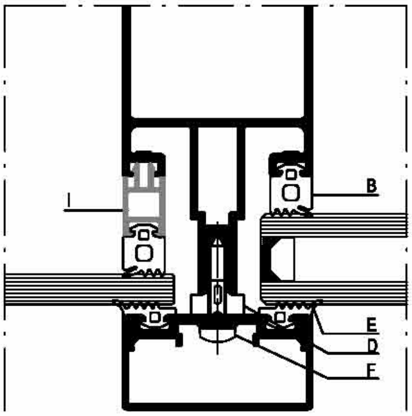
SYSTEM LEGEND 13'50 F

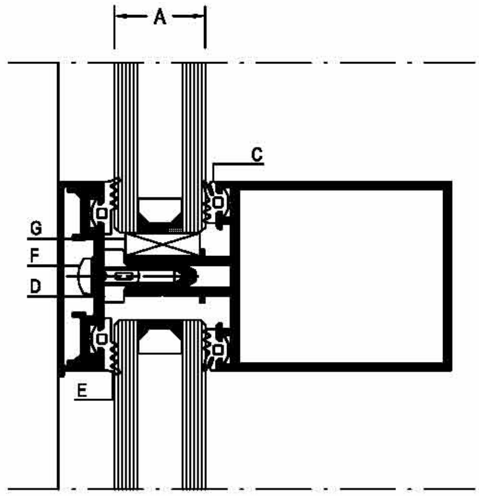
TABLES

STANDART FACADE

TABLE OF GLASS THICKNESS WITHOUT THERMO BREAK PROFILE

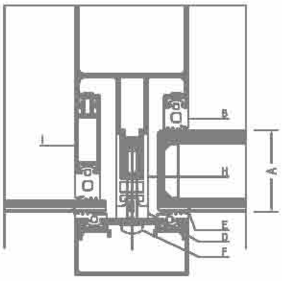
	VERTICAL MULLION GASKETS
	HORIZONTAL MULLION GASKETS
	CENTRAL GASKETS
	GLAZING GASKETS





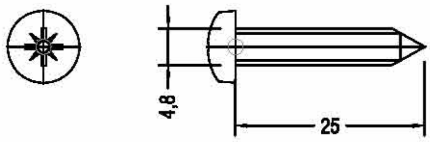
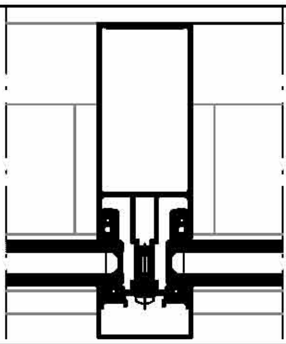
A	B	C	H	D	E	I	G	F
GLAZING THICKNESS (mm)	VERTICAL MULLION GASKETS	HORIZONTAL MULLION GASKETS	PVC INSULATE PROFILE	CENTRAL GASKETS	GLAZING GASKETS	GLAZING BEADS	GLASS SUPPORT	SCREW (DIN ISO 7049 -A2)
4 mm	11A1702	11A1802	----	11A2301	11A2401	13AF04	----	4.8 x 25 cross recessed inox stainless steel
5 mm	11A1703	11A1803	13A1202	11A2301	11A2401	13AF05	----	4.8 x 32 cross recessed inox stainless steel
6 mm	11A1703	11A1803	----	11A2301	11A2401	13AF03	----	4.8 x 25 cross recessed inox stainless steel
8 mm	11A1702	11A1802	----	11A2301	11A2401	13AF03	----	4.8 x 25 cross recessed inox stainless steel
10 mm	11A1704	11A1804	----	11A2301	11A2401	13AF02	----	4.8 x 25 cross recessed inox stainless steel
12 mm	11A1703	11A1803	----	11A2301	11A2401	13AF02	----	4.8 x 25 cross recessed inox stainless steel
18 mm	11A1705	11A1805	----	11A2301	11A2401	----	----	4.8 x 25 cross recessed inox stainless steel
20 mm	11A1704	11A1804	----	11A2301	11A2401	----	----	4.8 x 25 cross recessed inox stainless steel
22 mm	11A1703	11A1803	----	11A2301	11A2401	----	----	4.8 x 25 cross recessed inox stainless steel
24 mm	11A1702	11A1802	----	11A2301	11A2401	----	----	4.8 x 25 cross recessed inox stainless steel
26 mm	11A1702	11A1802	----	11A2301	11A2401	----	----	4.8 x 32 cross recessed inox stainless steel

d - TABLES

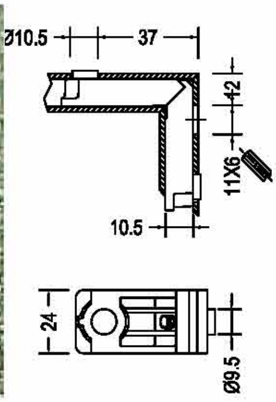


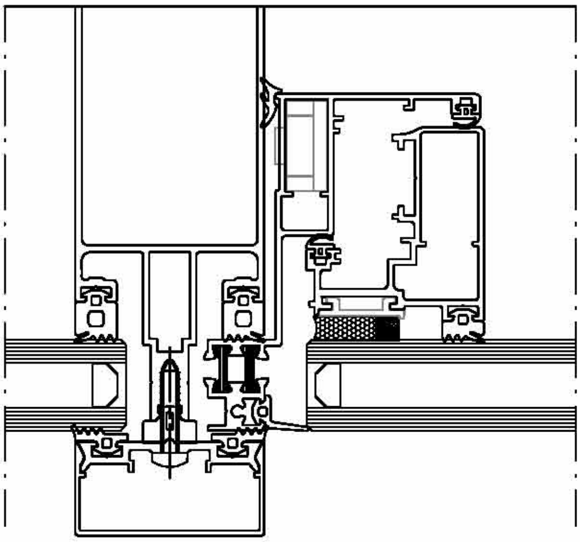
Ⓐ GLAZING THICKNESS (mm)	Ⓑ VERTICAL MULLION GASKETS	Ⓒ HORIZONTAL MULLION GASKETS	Ⓓ CENTRAL GASKETS	Ⓔ GLAZING GASKETS	Ⓕ SCREW [illegible]
18 mm	11A1705	11A1805	11A2301	11A2401	4,5 x 25 [illegible]
20 mm	11A1704	11A1804	11A2301	11A2401	4,5 x 25 [illegible]
22 mm	11A1703	11A1803	11A2301	11A2401	4,5 x 25 [illegible]
24 mm	11A1702	11A1802	11A2301	11A2401	4,5 x 28 [illegible]
26 mm	11A1702	11A1802	11A2302	11A2401	4,5 x 32 [illegible]

SCREWS

DRAWING / INFORMATION		APPLICATION
		
	screw ST 4.8 x 25 mm DIN ISO 7049	
MATERIALS	Stainless steel A2	

CORNER CLEATS



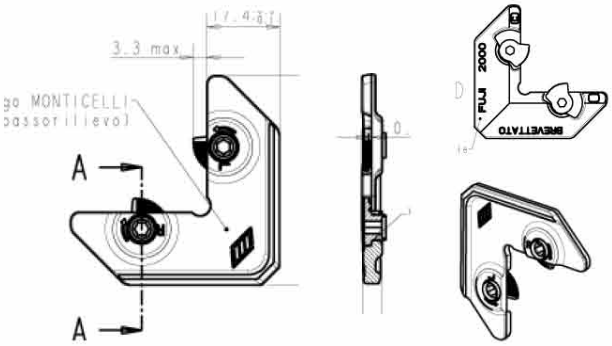


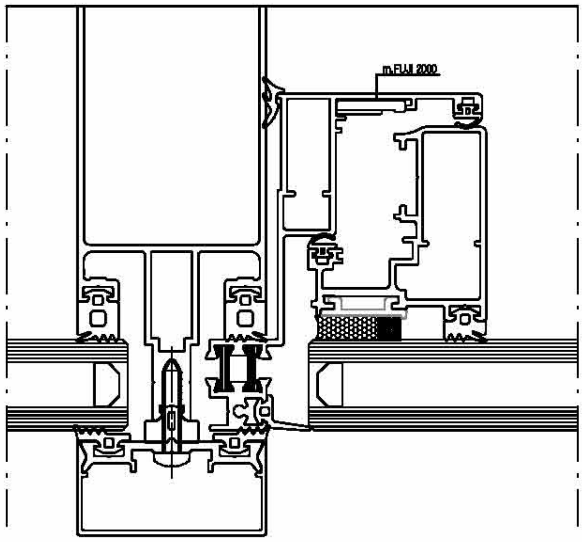
CODE	1160	Corner Cleats with handle

APPLICATION PROFILES	13HF02
MATERIALS	Die -Cast Joint Corner

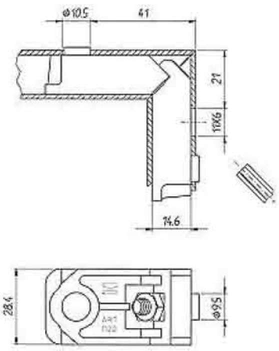
CORNER CLEATS

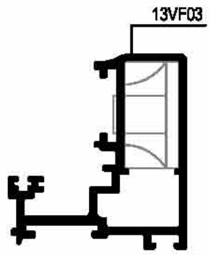
FUJI 2000





CODE	FUJI 2000	Corner Cleats with handle
APPLICATION PROFILES	13HF02	
MATERIALS	Die -Cast Joint Corner	



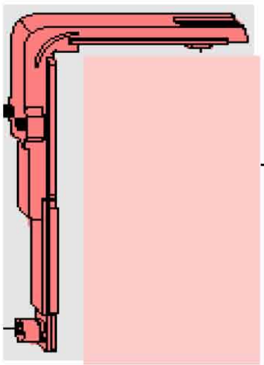


CODE	1120F	Corner Cleats with handle
APPLICATION PROFILES	13VF02 , 13VF03 , 13VF06	
	13VF04 , 13VF05 , 13VF08	
MATERIALS	Die -Cast Joint Corner	

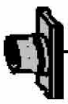
DRAWING / INFORMATION

APPLICATION

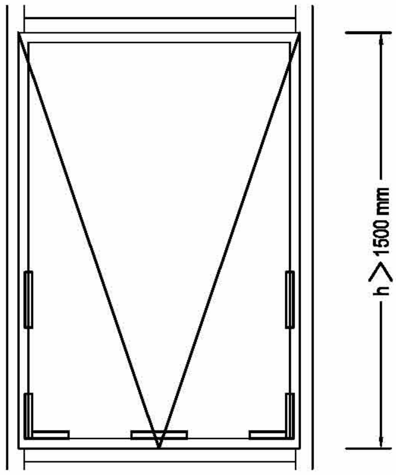
ROTO

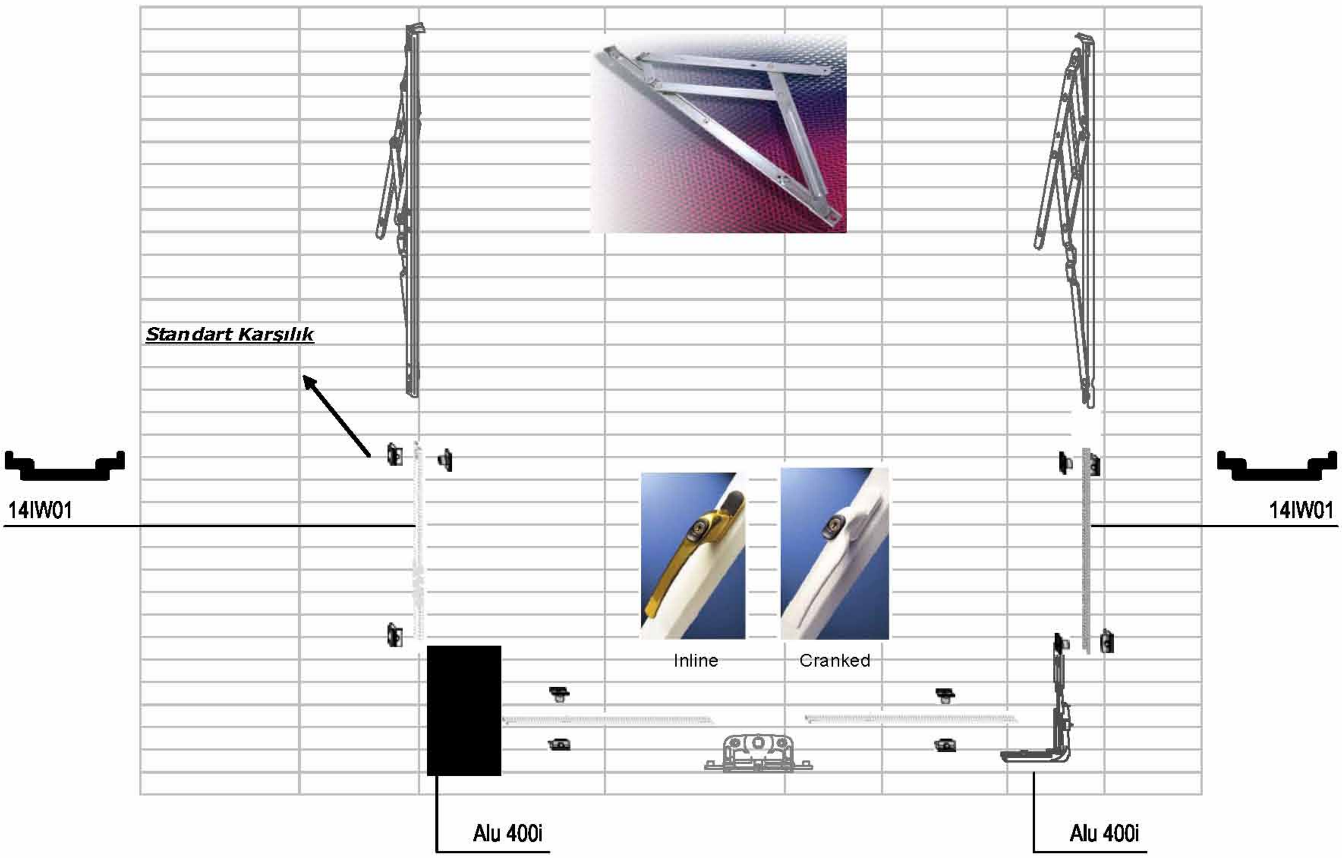


Alu 400i



Alu 400i pim



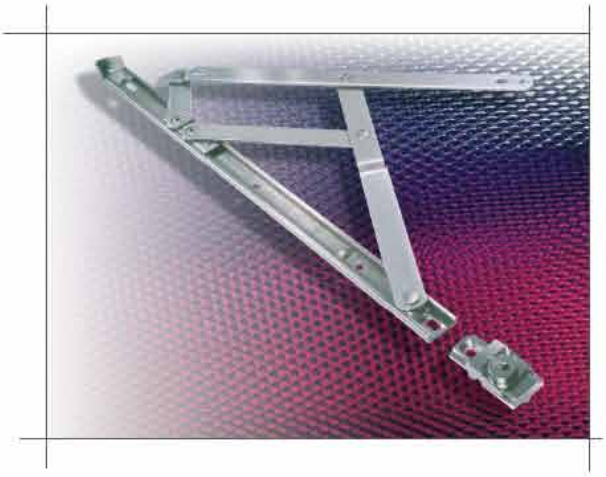


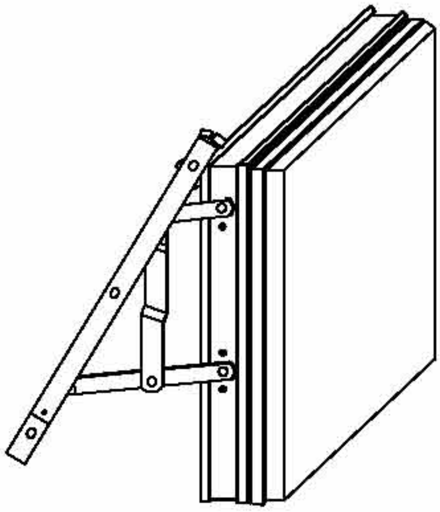
DRAWING / INFORMATION | **APPLICATION**

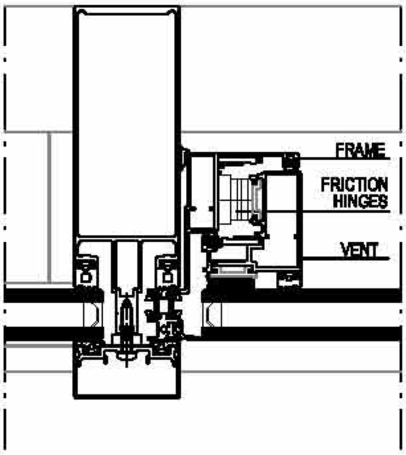
ROTO / SECURISTYLE

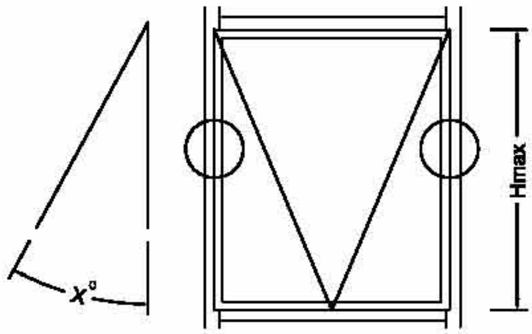
STORM

FRICTION HINGES









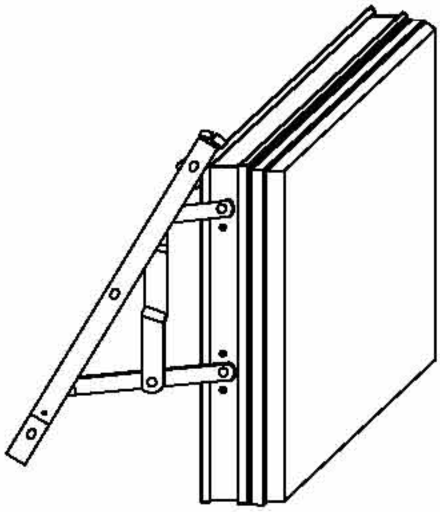
MATERIALS	STEEL	PRODUCT TYPE		MAX VENT WEIGHT(kg)	MAX VENT HEIGHT(mm) H	OPENING ANGLE X (+ - 2.5°)
CODE						
21A1107		Storm 10	top / side hung	50 kg	280 - 762 mm	75°
21A1108		Storm 16	top / side hung	63 kg	457 - 1120 mm	87°
21A1109		Storm 22	top / side hung	75 kg	610 - 1321 mm	90°
21A1110		Storm 26	top / side hung	120 kg	1270 - 2200 mm	20°

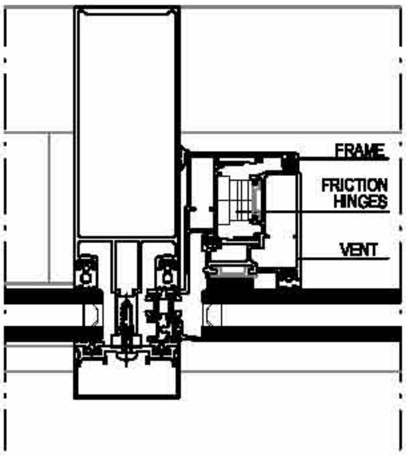
DRAWING / INFORMATION **APPLICATION**

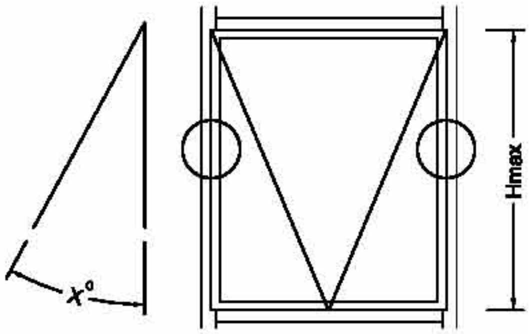
ROTO / SECURISTYLE

STERLING

FRICTION HINGES



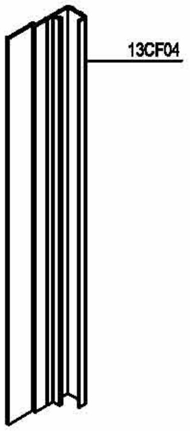




MATERIALS: STEEL CODE	PRODUCT TYPE		MAX VENT WEIGHT(kg)	MAX VENT HEIGHT(mm) H	OPENING ANGLE X^{o} (+ - 2.5^{o})
21A1101	Sterling 10	top hung	37 kg	267 - 365 mm	50^{o}
21A1102	Sterling 12	top hung	45 kg	635 - 787 mm	50^{o}
21A1103	Sterling 16	top hung	55 kg	787 - 1090 mm	50^{o}
21A1104	Sterling 22	top hung	75 kg	1090 - 1500 mm	45^{o}
21A1105	Sterling 26	top hung	100 kg	1270 - 2000 mm	20^{o}
21A1106	Sterling 26	top hung	150 kg	1270 - 2000 mm	15^{o}

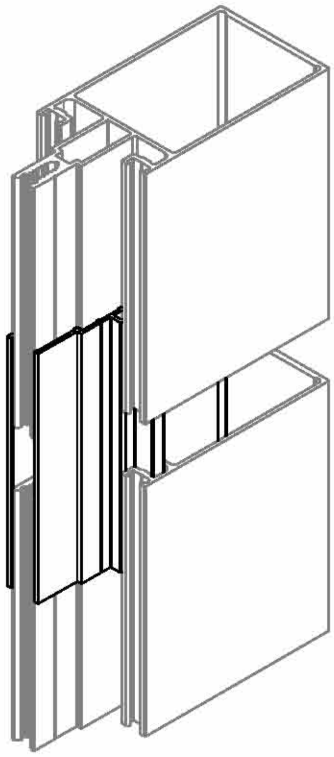
VERTICAL CONNECTION

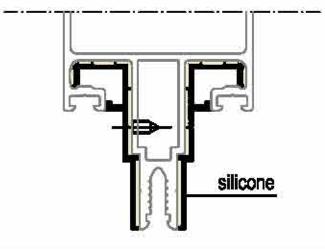
DRAWING / INFORMATION



PIECE CODE	25A1212	
APPLIED ON	13MF01 + 13MF02 13MF03 + 13MF04	
	13MF05 + 13MF06 13MF07 + 13MF08	
CUTTING SIZES (L)	250 mm	
MATERIALS	Alüminium	

APPLICATION





DRAWING / INFORMATION

Aluminium System

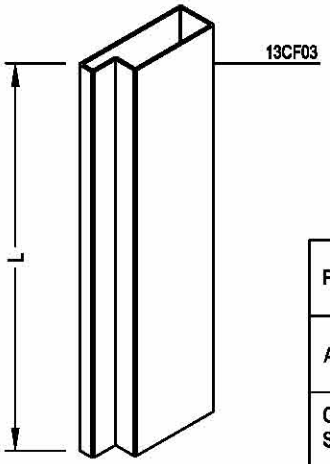
SYSTEM LEGEND 13'50 F

ACCESSORIES

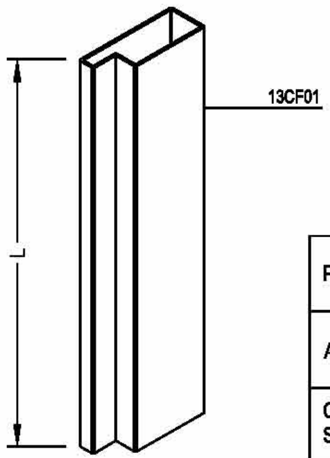
VERTICAL CONNECTION

DRAWING / INFORMATION	DRAWING / INFORMATION

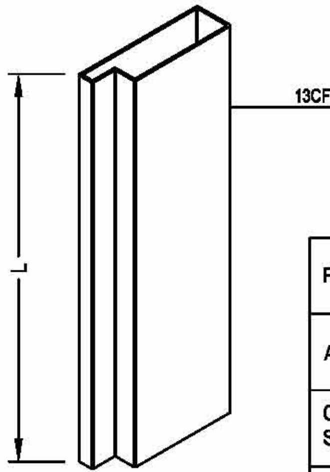
APPLICATION



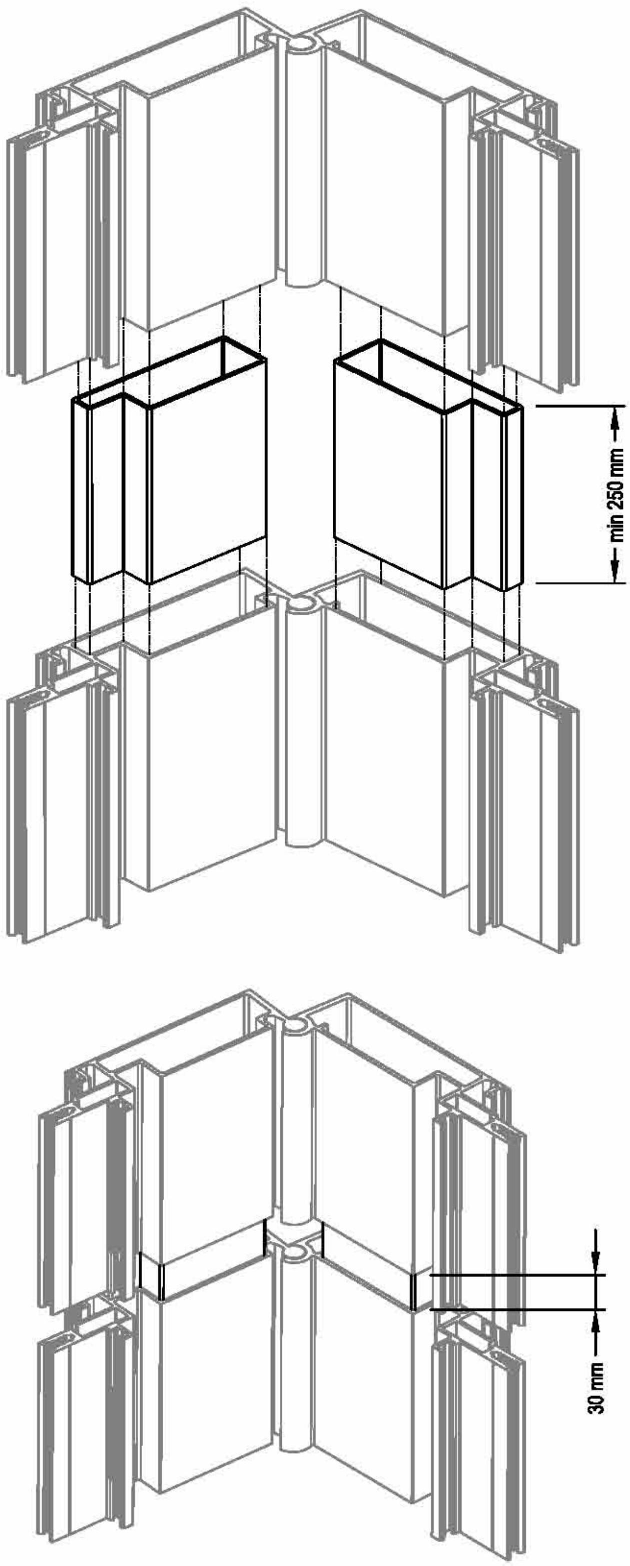
PIECE CODE	25A1209
APPLIED ON	13DF01 + 13DF02
CUTTING SIZES (L)	250 mm
MATERIALS	Alüminium



PIECE CODE	25A1210
APPLIED ON	13DF04
CUTTING SIZES (L)	250 mm
MATERIALS	Alüminium

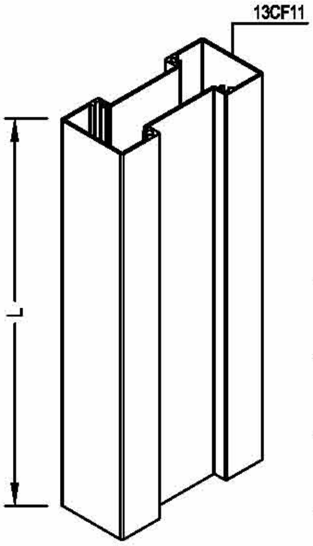


PIECE CODE	25A1211
APPLIED ON	13DF05 13DF06 + 13DF07
CUTTING SIZES (L)	250 mm
MATERIALS	Alüminium

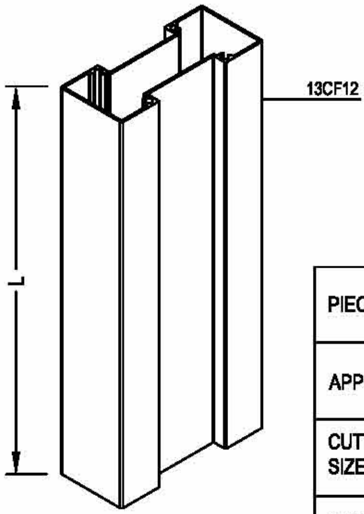


VERTICAL CONNECTION

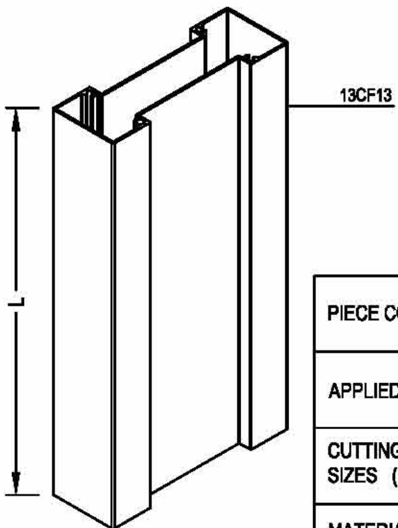
DRAWING / INFORMATION



PIECE CODE	25A1205
APPLIED ON	13MF05
CUTTING SIZES (L)	250 mm
MATERIALS	Alüminium

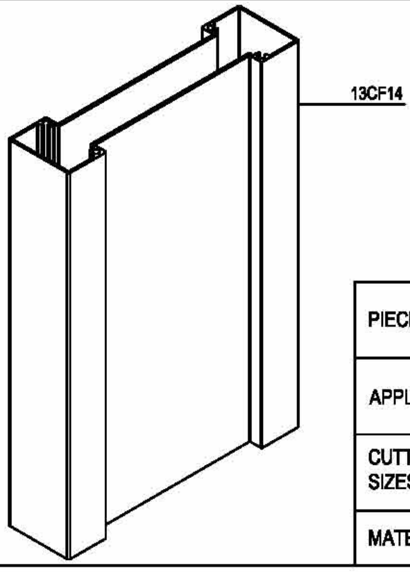


PIECE CODE	25A1206
APPLIED ON	13MF06
CUTTING SIZES (L)	250 mm
MATERIALS	Alüminium



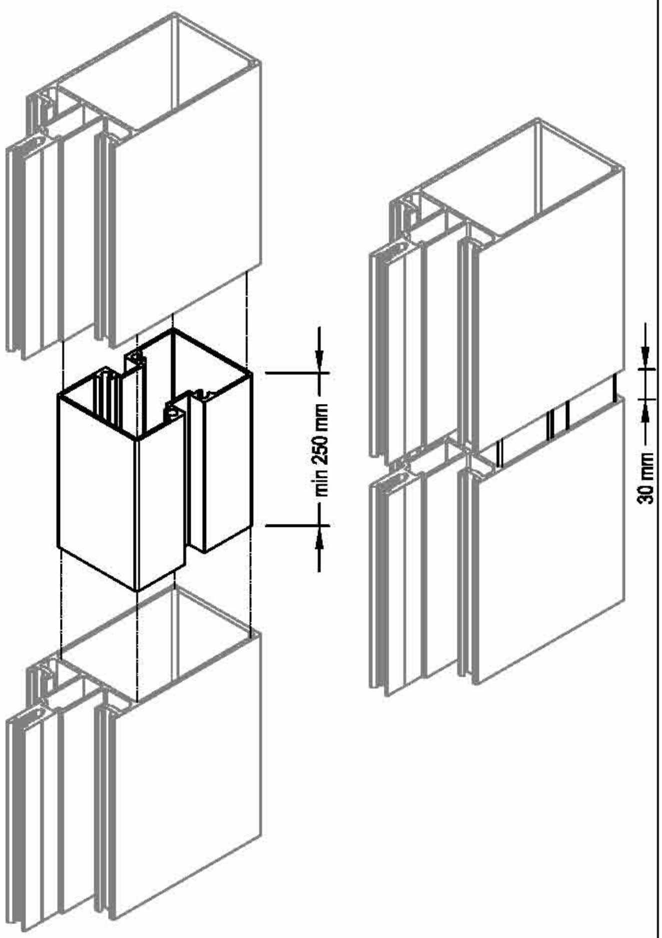
PIECE CODE	25A1207
APPLIED ON	13MF07
CUTTING SIZES (L)	250 mm
MATERIALS	Alüminium

DRAWING / INFORMATION



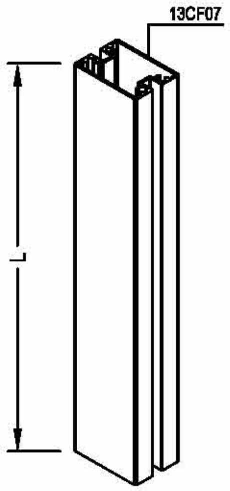
PIECE CODE	25A1208
APPLIED ON	13MF08
CUTTING SIZES (L)	250 mm
MATERIALS	Alüminium

APPLICATION



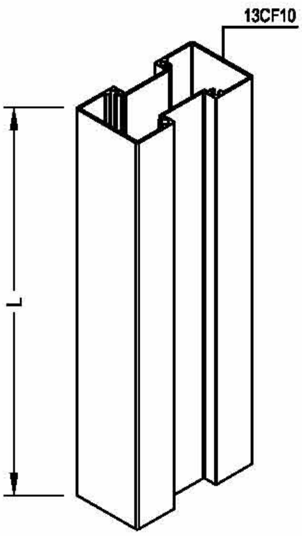
VERTICAL CONNECTION

DRAWING / INFORMATION

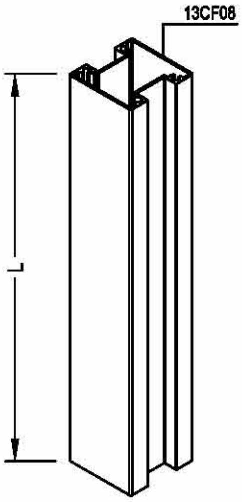


PIECE CODE	25A1201
APPLIED ON	13MF01
CUTTING SIZES (L)	250 mm
MATERIALS	Alüminium

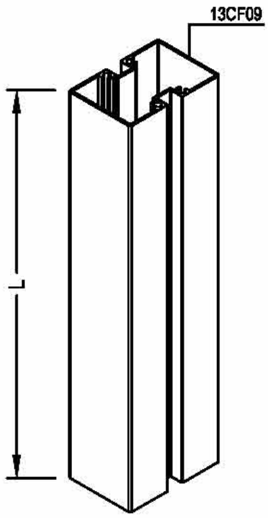
DRAWING / INFORMATION



PIECE CODE	25A1204
APPLIED ON	13MF04
CUTTING SIZES (L)	250 mm
MATERIALS	Alüminium

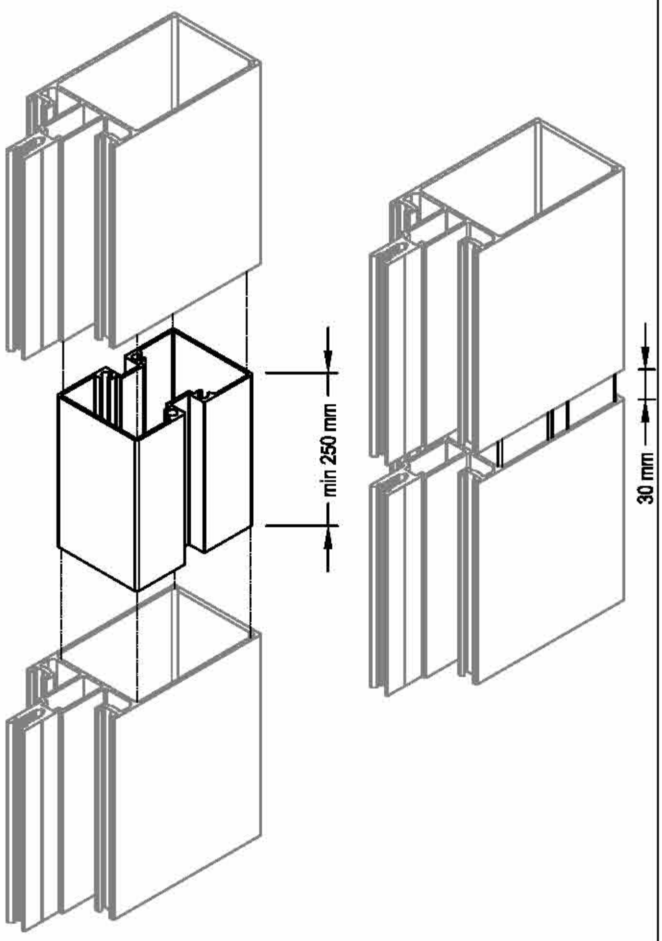


PIECE CODE	25A1202
APPLIED ON	13MF02
CUTTING SIZES (L)	250 mm
MATERIALS	Alüminium



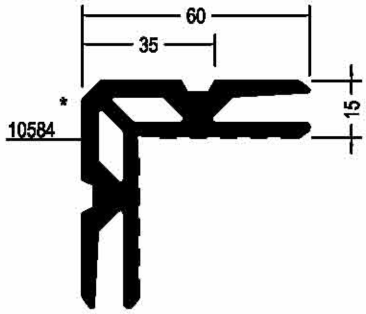
PIECE CODE	25A1203
APPLIED ON	13MF03
CUTTING SIZES (L)	250 mm
MATERIALS	Alüminium

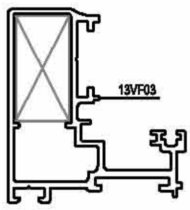
APPLICATION



CORNER CLEATS

DRAWING / INFORMATION	APPLICATION

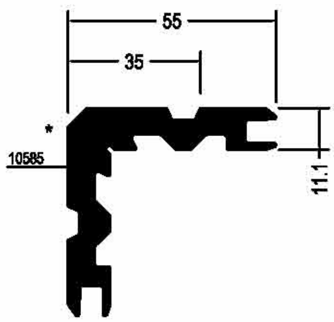


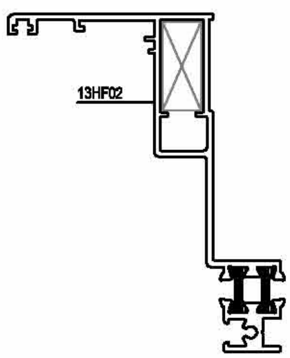


* pressed profile

CORNER CLEATS WITH PRES 15 / 60

PROFILE CODE	14LW13	PRES	THEORETICAL WEIGHT kg/mt 2.488
APPLICATION PROFILES		Cutting Sizes (mm)	PIECE CODE NUMBER
13VF03	10528	28.7 mm	——





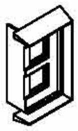
* pressed profile

CORNER CLEATS WITH PRES 11.1 / 55

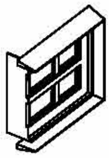
PROFILE CODE	14LW14	PRES	THEORETICAL WEIGHT kg/mt 2.420
APPLICATION PROFILES		Cutting Sizes (mm)	PIECE CODE NUMBER
13HF02	10527	24.2 mm	——

P.V.C. HORIZONTAL CONNECTION

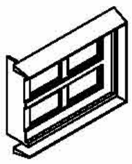
DRAWING / INFORMATION



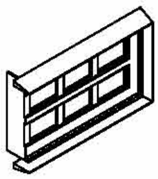
PIECE CODE	17A1302
APPLIED ON	13TF02
CUTTING SIZES (L)	32 mm
MATERIALS	P.V.C.



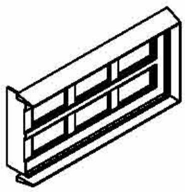
PIECE CODE	17A1303
APPLIED ON	13TF03
CUTTING SIZES (L)	62 mm
MATERIALS	P.V.C.



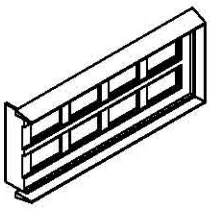
PIECE CODE	17A1304
APPLIED ON	13TF04
CUTTING SIZES (L)	72 mm
MATERIALS	P.V.C.



PIECE CODE	17A1305
APPLIED ON	13TF05
CUTTING SIZES (L)	92 mm
MATERIALS	P.V.C.

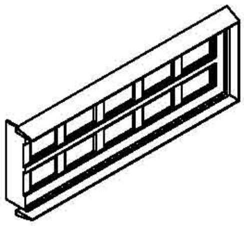


PIECE CODE	17A1306
APPLIED ON	13TF06
CUTTING SIZES (L)	112 mm
MATERIALS	P.V.C.

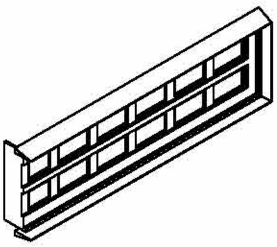


PIECE CODE	17A1307
APPLIED ON	13TF07
CUTTING SIZES (L)	132 mm
MATERIALS	P.V.C.

DRAWING / INFORMATION

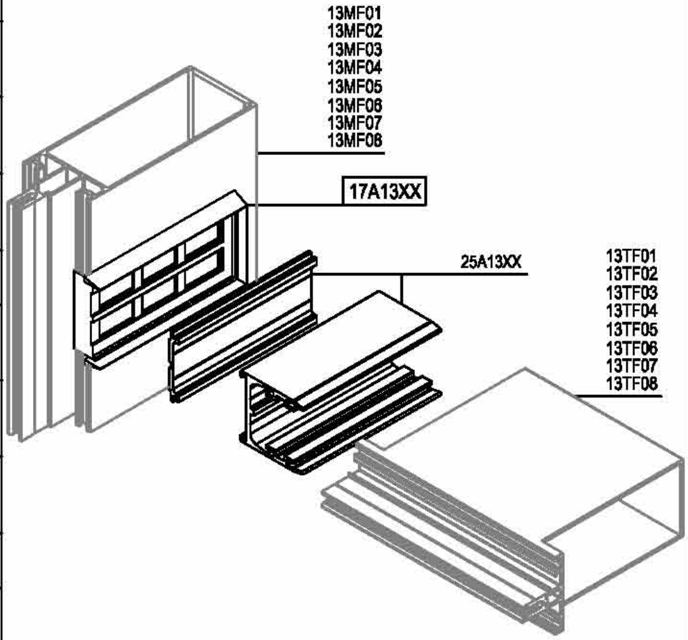


PIECE CODE	17A1308
APPLIED ON	13TF08
CUTTING SIZES (L)	157 mm
MATERIALS	P.V.C.



PIECE CODE	17A1309
APPLIED ON	13TF09
CUTTING SIZES (L)	182 mm
MATERIALS	P.V.C.

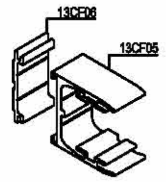
APPLICATION



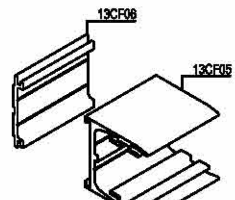
ACCESSORIES

HORIZONTAL CONNECTION

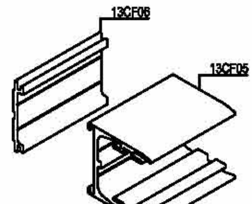
DRAWING / INFORMATION



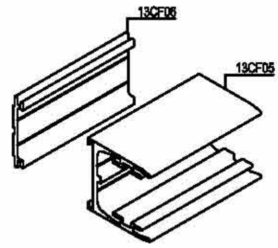
PIECE CODE	25A1302
APPLIED ON	13TF02
CUTTING SIZES (L)	23.8 mm
MATERIALS	Alüminium



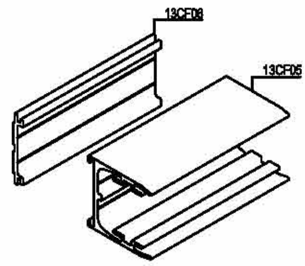
PIECE CODE	25A1303
APPLIED ON	13TF03
CUTTING SIZES (L)	53.8 mm
MATERIALS	Alüminium



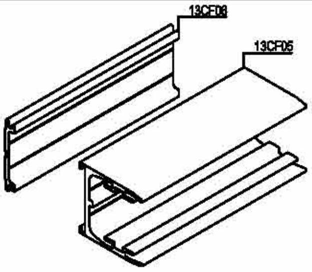
PIECE CODE	25A1304
APPLIED ON	13TF04
CUTTING SIZES (L)	63.8 mm
MATERIALS	Alüminium



PIECE CODE	25A1305
APPLIED ON	13TF05
CUTTING SIZES (L)	83.8 mm
MATERIALS	Alüminium

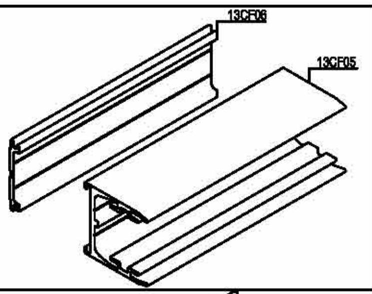


PIECE CODE	25A1306
APPLIED ON	13TF06
CUTTING SIZES (L)	103.8 mm
MATERIALS	Alüminium

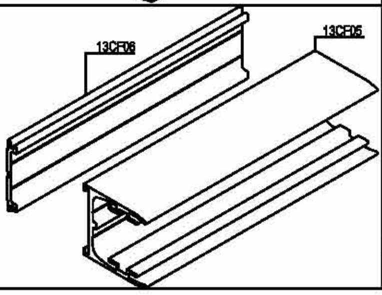


PIECE CODE	25A1307
APPLIED ON	13TF07
CUTTING SIZES (L)	123.8 mm
MATERIALS	Alüminium

DRAWING / INFORMATION

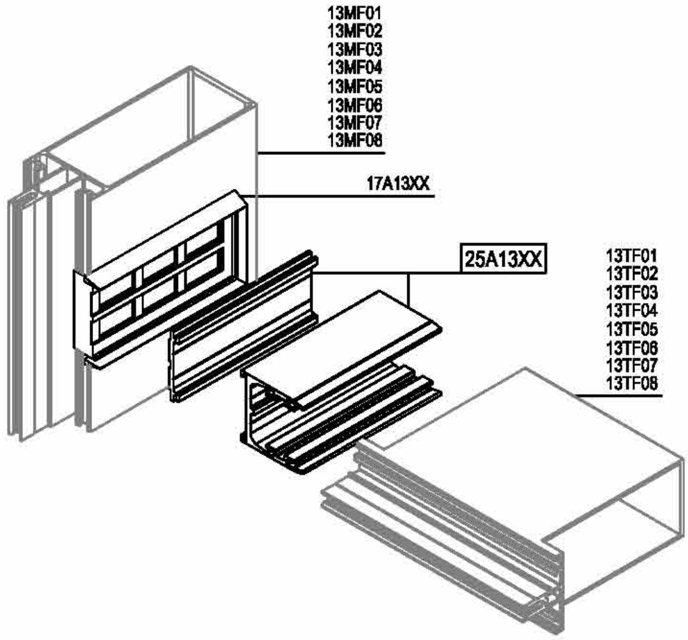


PIECE CODE	25A1308
APPLIED ON	13TF08
CUTTING SIZES (L)	148.6 mm
MATERIALS	Alüminium



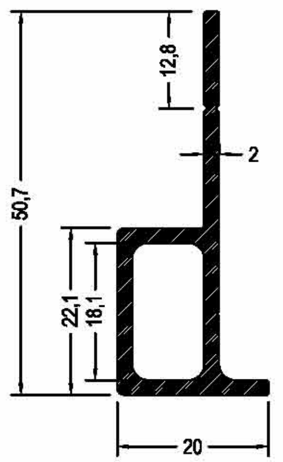
PIECE CODE	25A1309
APPLIED ON	13TF09
CUTTING SIZES (L)	173.8 mm
MATERIALS	Alüminium

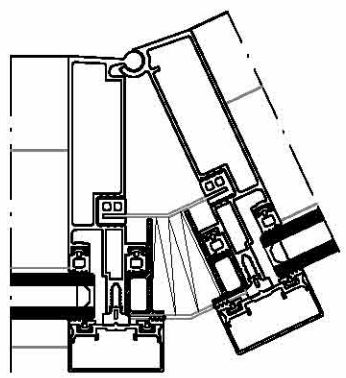
APPLICATION

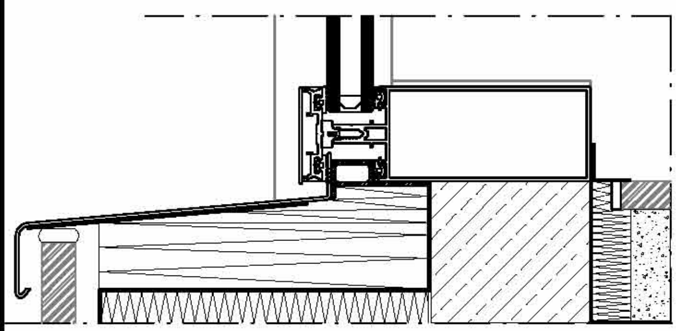


PVC INSULATE PROFILES

DRAWING / INFORMATION	APPLICATION



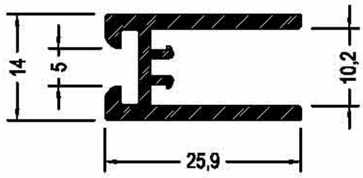




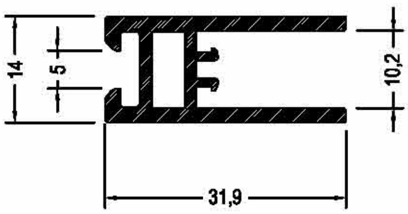
13A1301	Pvc Insulation Profiles
	6000 mm
MATERIALS	PVC

PVC INSULATE PROFILES

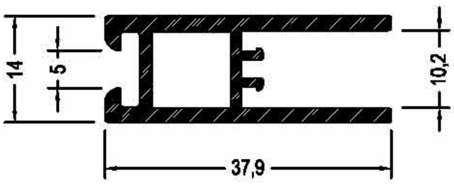
DRAWING / INFORMATION		APPLICATION



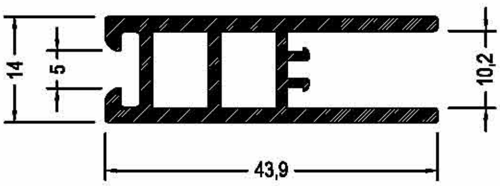
13A1201	Pvc Insulation Profiles
	6000 mm
MATERIALS	PVC



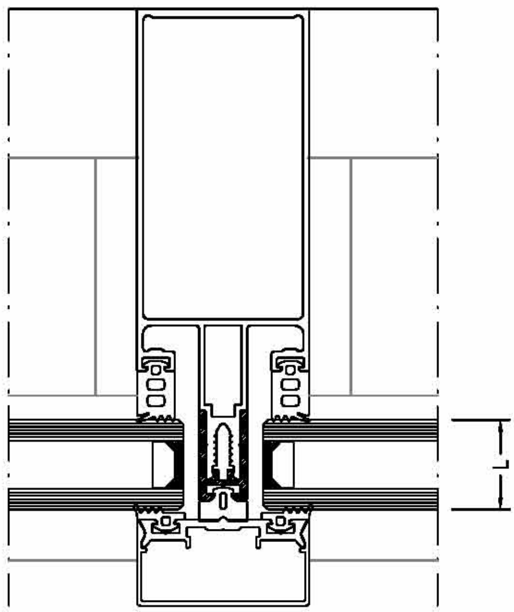
13A1202	Pvc Insulation Profiles
	6000 mm
MATERIALS	PVC

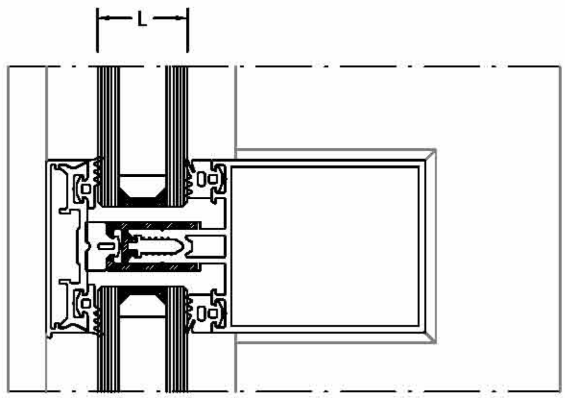


13A1203	Pvc Insulation Profiles
	6000 mm
MATERIALS	PVC



13A1204	Pvc Insulation Profiles
	6000 mm
MATERIALS	PVC

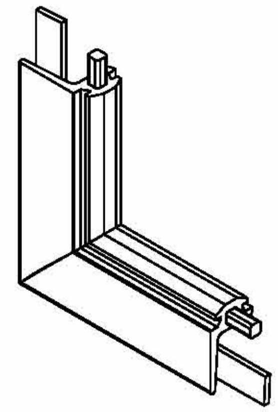




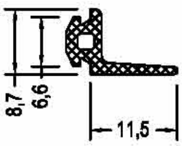
Glass Tickness,L	Pvc Profile Code	Central Gasket	Vertical Mullion Gasket	Horizontal Mullion Gasket
24 mm.	13A1201	11A2301	11A1705	11A1805
26 mm.	13A1201	11A2301	11A1704	11A1804
28 mm.	13A1201	11A2301	11A1703	11A1803
30 mm.	13A1201	11A2302	11A1703	11A1803
32 mm.	13A1201	11A2302	11A1702	11A1802
34 mm.	13A1202	11A2301	11A1703	11A1803
36 mm.	13A1202	11A2301	11A1702	11A1802
38 mm.	13A1203	11A2301	11A1704	11A1804
40 mm.	13A1203	11A2301	11A1703	11A1803
42 mm.	13A1203	11A2301	11A1702	11A1802
44 mm.	13A1203	11A2302	11A1702	11A1802
46 mm.	13A1204	11A2301	11A1703	11A1803
48 mm.	13A1204	11A2301	11A1703	11A1803
50 mm.	13A1204	11A2302	11A1702	11A1802

CORNER GASKETS

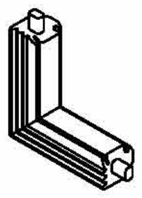
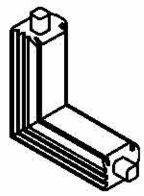
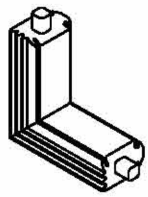
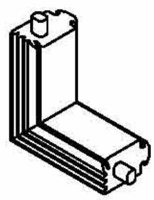
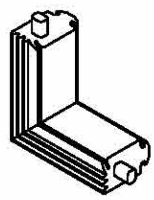
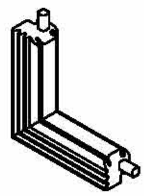
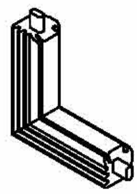
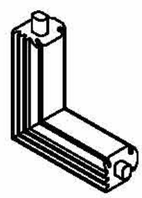
DRAWING / INFORMATION	DRAWING / INFORMATION



PIECE CODE	19A1501	
APPLIED ON	11A2201	
MATERIALS	E.P.D.M.	Black
IN ONE PACKET	100 piece	



CORNER GASKETS

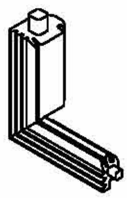
DRAWING / INFORMATION	PIECE CODE	APPLIED ON	MATERIALS		IN ONE PACKET
	19A1601	11A1701	E.P.D.M.	Black	100 piece
	19A1602	11A1702	E.P.D.M.	Black	100 piece
	19A1603	11A1703	E.P.D.M.	Black	100 piece
	19A1604	11A1704	E.P.D.M.	Black	100 piece
	19A1605	11A1705	E.P.D.M.	Black	100 piece
	19A1606	11A1806	E.P.D.M.	Black	100 piece
	19A1607	11A1804	E.P.D.M.	Black	100 piece
	19A1608	11A1805	E.P.D.M.	Black	100 piece

SYSTEM LEGEND 13'50 F

ACCESSORIES

CORNER GASKETS

DRAWING / INFORMATION — LEFT PART

	PIECE CODE (LEFT)	19A1202	
	APPLIED ON	11A1702	11A1802
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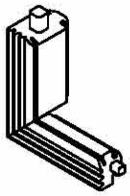
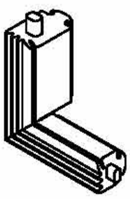
	IN ONE PACKET	100 piece	
	PIECE CODE (LEFT)	19A1203	
	APPLIED ON	11A1703	11A1803
	MATERIALS	E.P.D.M.	Black
	IN ONE PACKET	100 piece	
	PIECE CODE (LEFT)	19A1204	
	APPLIED ON	11A1704	11A1804
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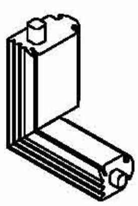
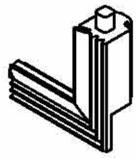
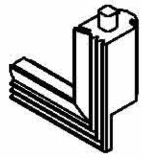
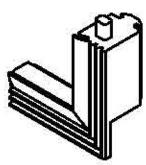
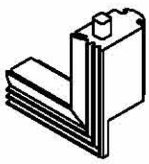
	PIECE CODE (LEFT)	19A1205	
	APPLIED ON	11A1705	11A1805
	MATERIALS	E.P.D.M.	Black
	IN ONE PACKET	100 piece	

DRAWING / INFORMATION — RIGHT PART

	PIECE CODE (RIGHT)	19A1302	
	APPLIED ON	11A1702	11A1802
	MATERIALS	E.P.D.M.	Black
	IN ONE PACKET	100 piece	
	PIECE CODE (RIGHT)	19A1303	
	APPLIED ON	11A1703	11A1803
	MATERIALS	E.P.D.M.	Black
	IN ONE PACKET	100 piece	
	PIECE CODE (RIGHT)	19A1304	
	APPLIED ON	11A1704	11A1804
	MATERIALS	E.P.D.M.	Black
	IN ONE PACKET	100 piece	
	PIECE CODE (RIGHT)	19A1305	
	APPLIED ON	11A1705	11A1805
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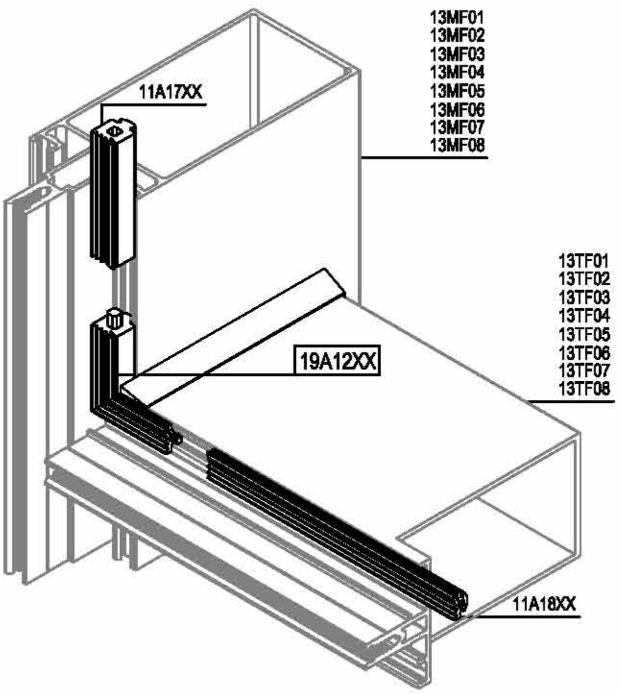
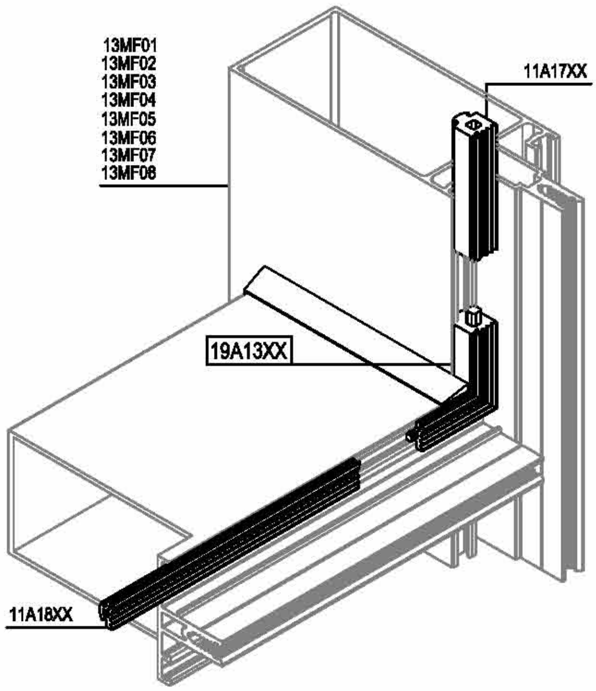
	IN ONE PACKET	100 piece	

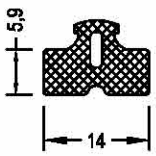
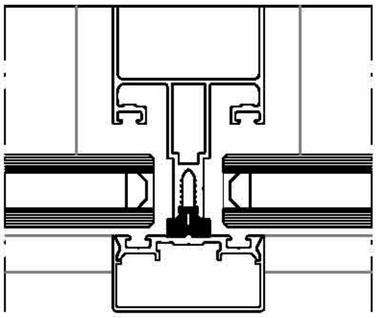
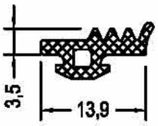
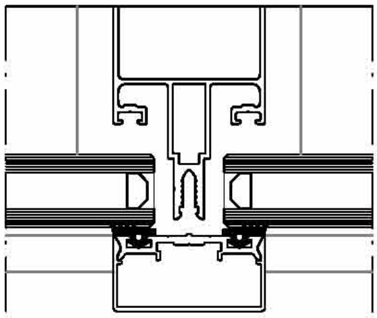
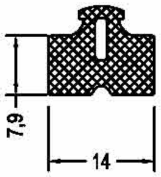
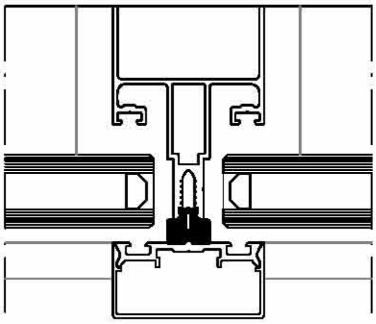
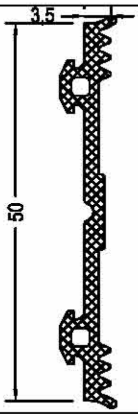
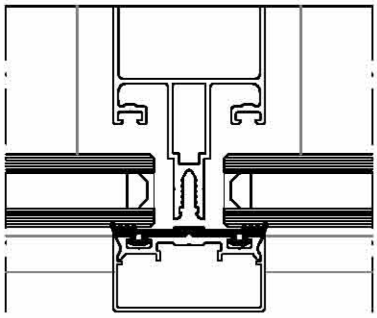
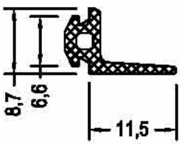
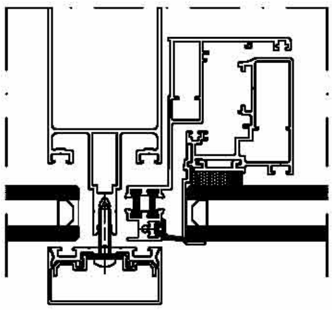
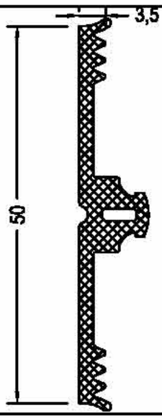
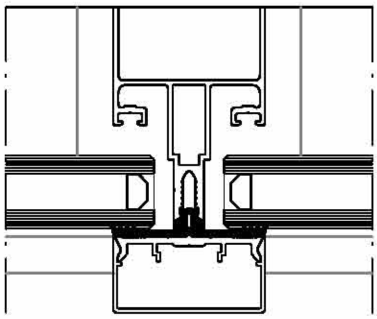




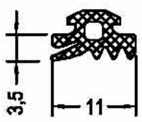
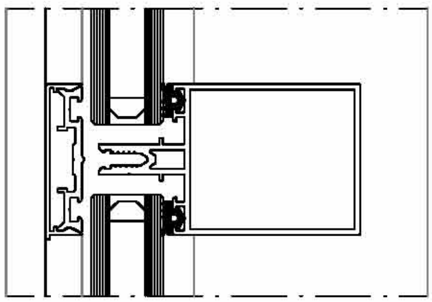
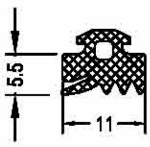
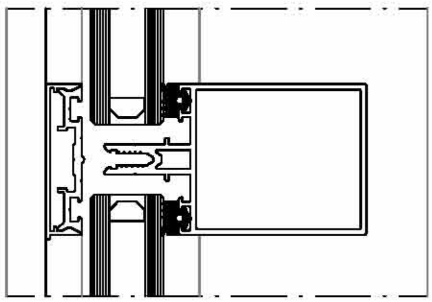
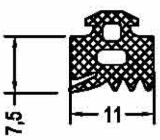
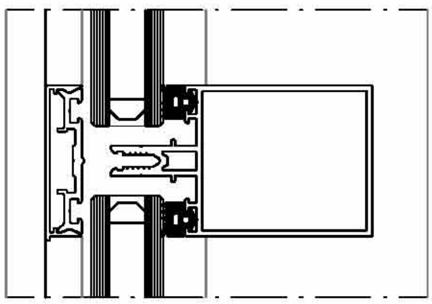
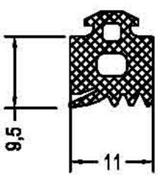
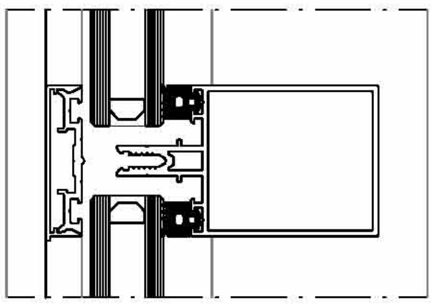
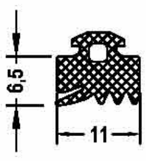
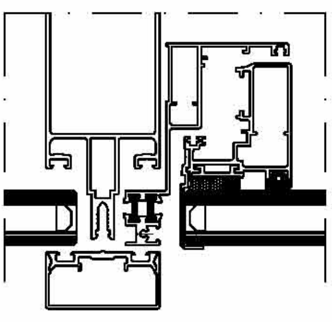
SYSTEM LEGEND 13'50 F

ACCESSORIES

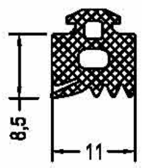
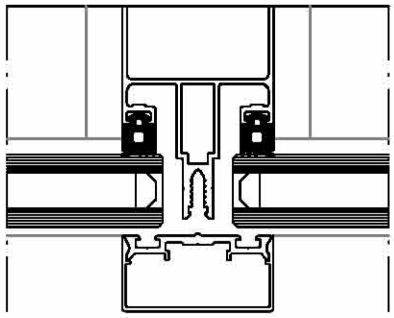
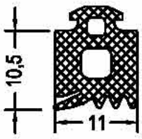
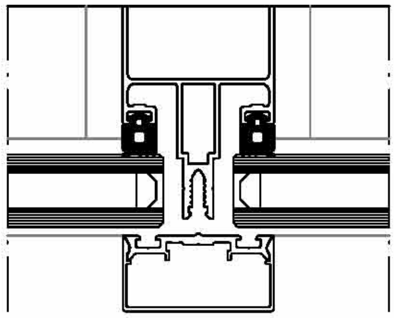
GASKETS

DRAWING / INFORMATION APPLICATION			DRAWING / INFORMATION APPLICATION		
					
11A2301	Compartimentation Gasket	THEORETICAL WEIGHT gr/mt	11A2401	Glazing Gasket	THEORETICAL WEIGHT gr/mt
	132 mt in one package	0.113 kg/mt		267 mt in one package	0.056 kg/mt
MATERIALS	E.P.D.M.		MATERIALS	E.P.D.M.	
					
11A2302	Compartimentation Gasket	THEORETICAL WEIGHT gr/mt	11A2402	Glazing Gasket	THEORETICAL WEIGHT gr/mt
	104 mt in one package	0.144 kg/mt		88 mt in one package	0.169 kg/mt
MATERIALS	E.P.D.M.		MATERIALS	E.P.D.M.	
					
11A2201	Sealing Joint Gasket	THEORETICAL WEIGHT gr/mt	11A2403	Glazing Gasket	THEORETICAL WEIGHT gr/mt
	333 mt in one package	0.045 kgmt		79 mt in one package	0.188 kg/mt
MATERIALS	E.P.D.M.		MATERIALS	E.P.D.M.	

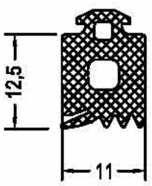
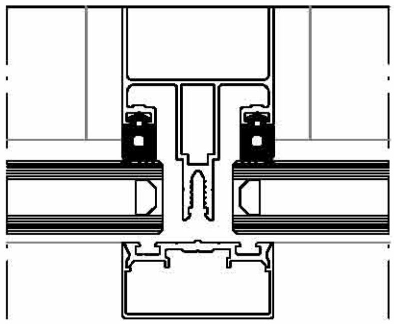
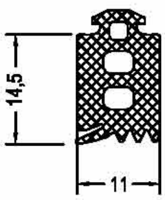
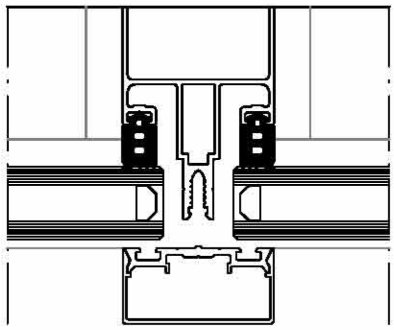
GASKETS

DRAWING / INFORMATION APPLICATION				DRAWING / INFORMATION APPLICATION			
							
11A1802	Gaskets for Horizontal Mullion Profile	THEORETICAL WEIGHT gr/mt		11A1803	Gaskets for Horizontal Mullion Profile	THEORETICAL WEIGHT gr/mt	
	326 mt in one package	0.046 kg/mt			205 mt in one package	0.073 kg/mt	
MATERIALS	E.P.D.M.			MATERIALS	E.P.D.M.		
							
11A1804	Gaskets for Horizontal Mullion Profile	THEORETICAL WEIGHT gr/mt		11A1805	Gaskets for Horizontal Mullion Profile	THEORETICAL WEIGHT gr/mt	
	166 mt in one package	0.090 kg/mt			133 mt in one package	0.112 kg/mt	
MATERIALS	E.P.D.M.			MATERIALS	E.P.D.M.		
							
11A1806	Gaskets for Horizontal Mullion Profile	THEORETICAL WEIGHT gr/mt					
	173 mt in one package	0.087 kg/mt					
MATERIALS	E.P.D.M.						

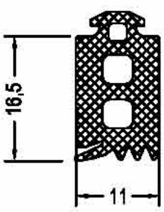
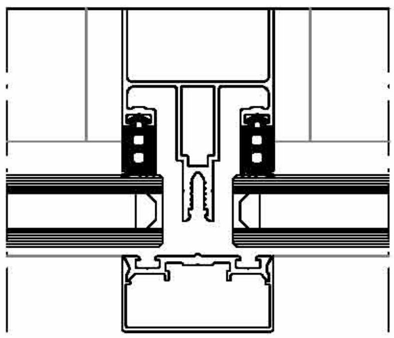
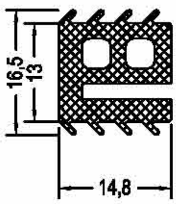
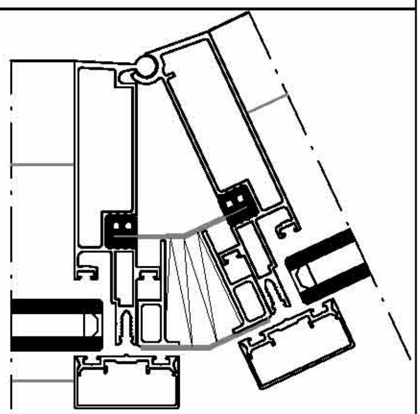
GASKETS

DRAWING / INFORMATION APPLICATION		DRAWING / INFORMATION APPLICATION	
			

11A1701	Gaskets for Vertical Mullion Profile	THEORETICAL WEIGHT gr/mt	11A1702	Gaskets for Vertical Mullion Profile	THEORETICAL WEIGHT gr/mt
	147 mt in one package	0.102 kg/mt		123 mt in one package	0.121 kg/mt
MATERIALS	E.P.D.M.		MATERIALS	E.P.D.M.	

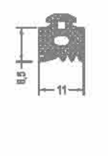
			

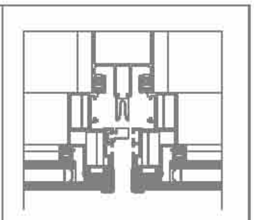
11A1703	Gaskets for Vertical Mullion Profile	THEORETICAL WEIGHT gr/mt	11A1704	Gaskets for Vertical Mullion Profile	THEORETICAL WEIGHT gr/mt
	101 mt in one package	0.148 kg/mt		90 mt in one package	0.166 kg/mt
MATERIALS	E.P.D.M.		MATERIALS	E.P.D.M.	

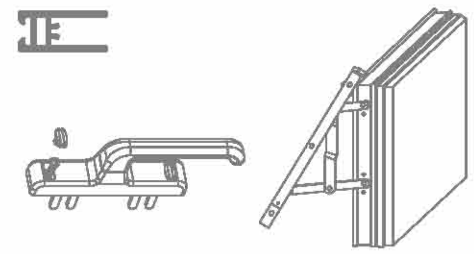
11A1705	Gaskets for Vertical Mullion Profile	THEORETICAL WEIGHT gr/mt	11A1706	Gaskets for Vertical Mullion Profile	THEORETICAL WEIGHT gr/mt
	81 mt in one package	0.184 kg/mt		81 mt in one package	0.183 kg/mt
MATERIALS	E.P.D.M.		MATERIALS	E.P.D.M.	

c - ACCESSORIES

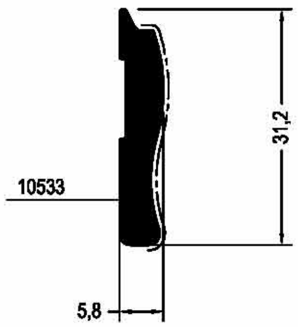




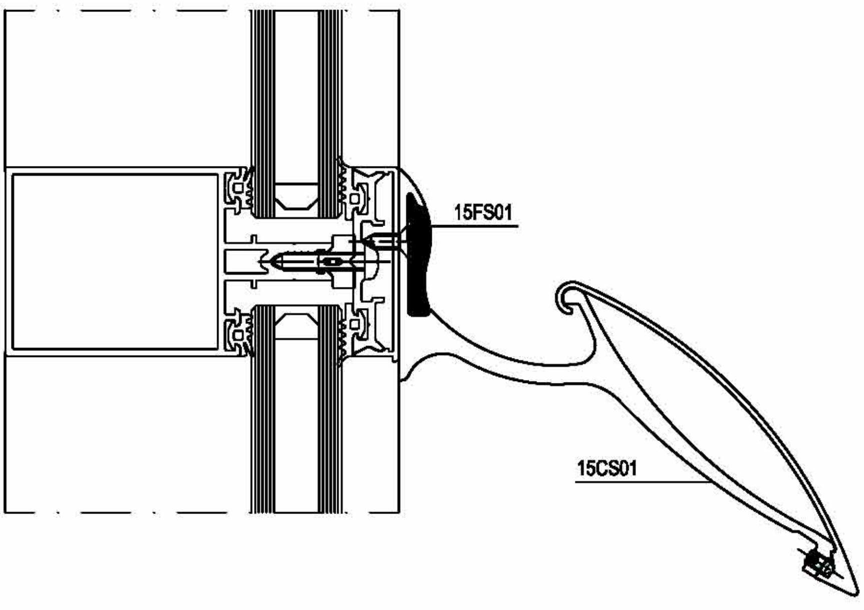
11A1701	Gaskets for Vertical Mullion Profile	THEORETICAL WEIGHT gr/mt
	147 mt in one package	102 gr/mt
MATERIALS	E.P.D.M.	



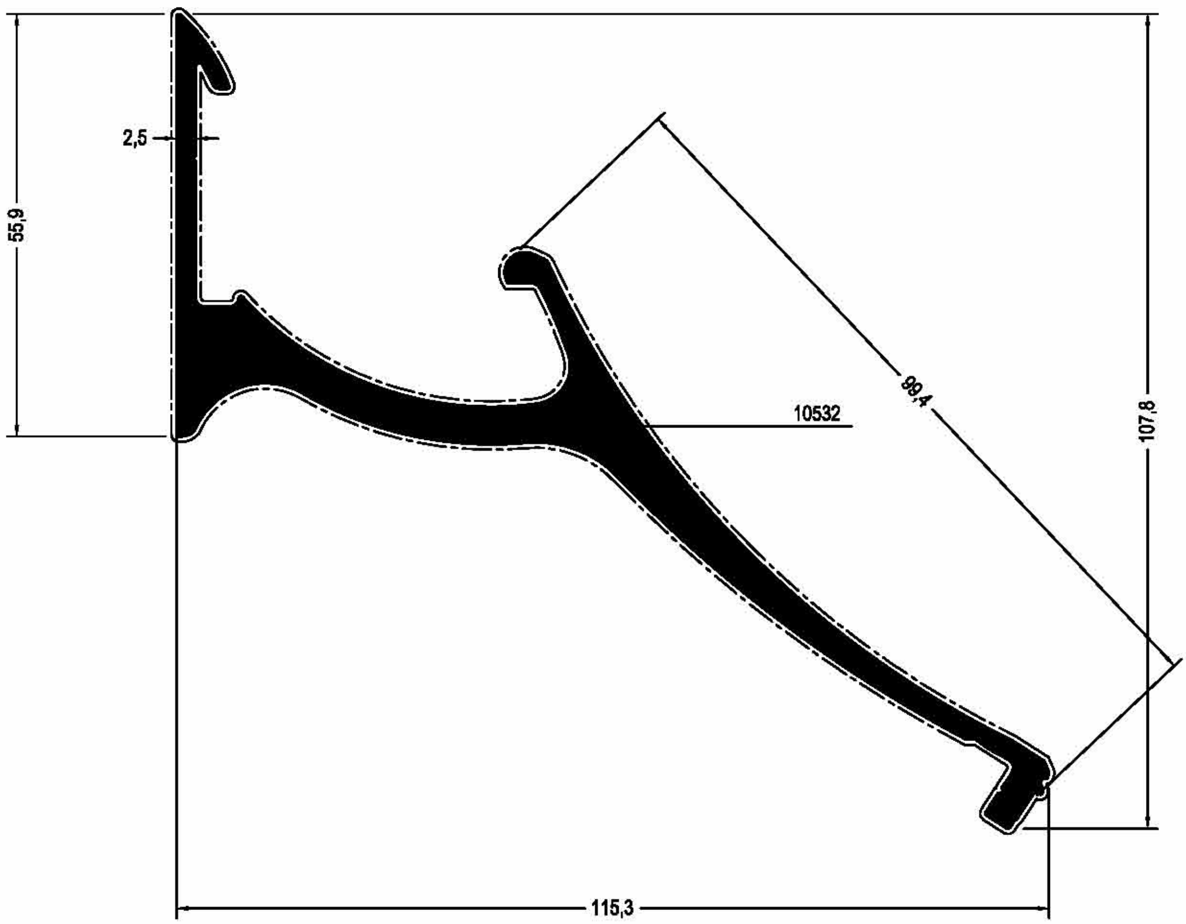
SOLAR SHADING

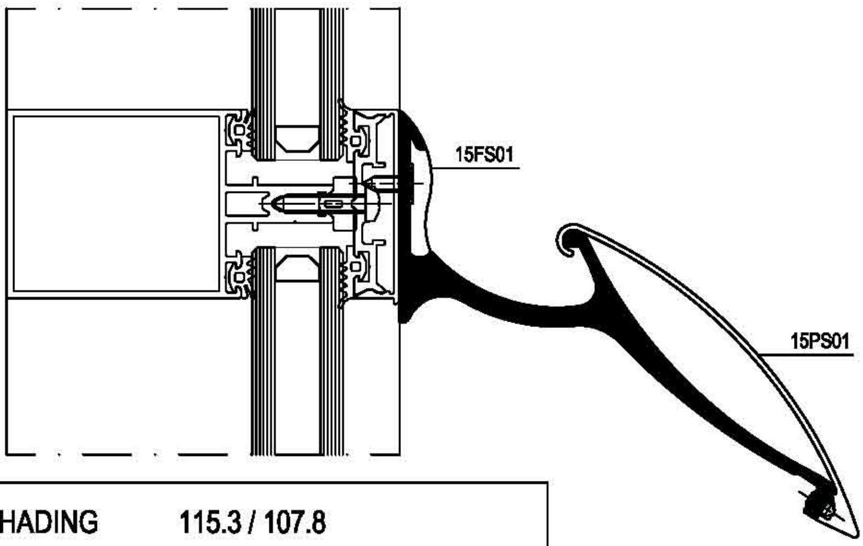


SOLAR SHADING	5.8 / 31.2	
PROFILE CODE	15FS01	THEORETICAL WEIGHT kg/mt
		0.371
Coating Surface (cm)	APPLICATION PROFILE	PROFILE CODE
7.087		15CS01



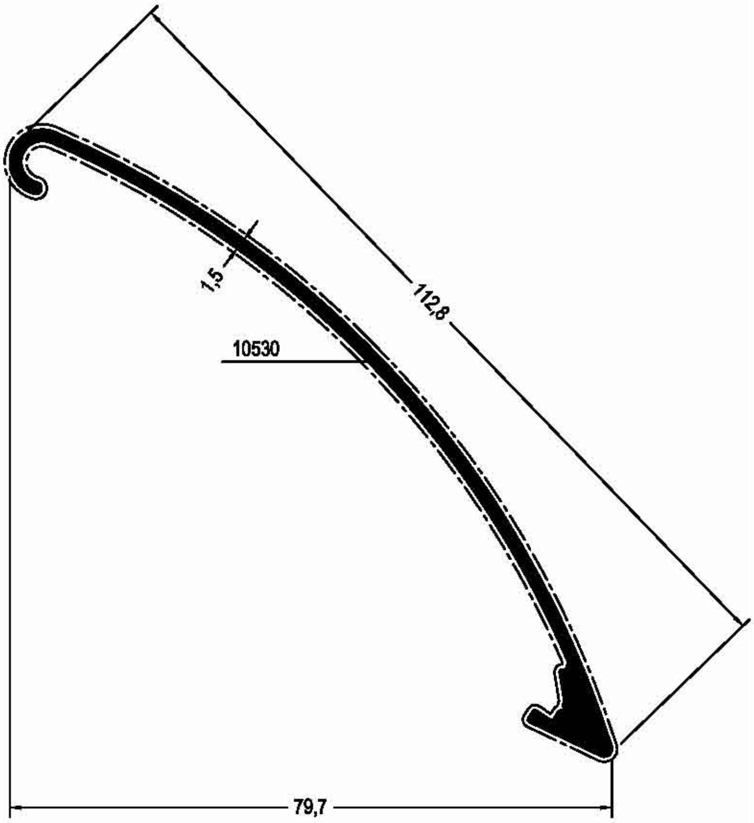
SOLAR SHADING



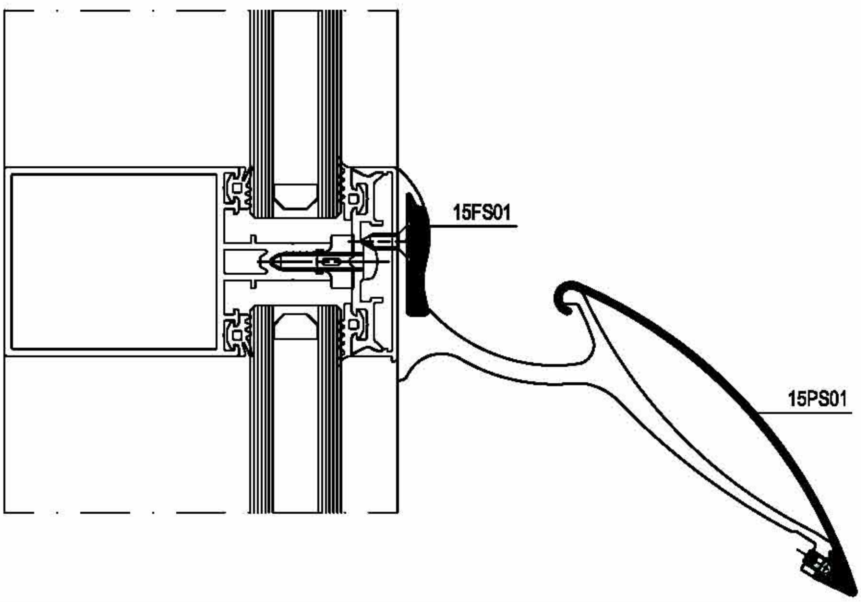


SOLAR SHADING	115.3 / 107.8		
PROFILE CODE	15CS01	THEORETICAL WEIGHT kg/mt	2.554
Coating Surface (cm)	APPLICATION PROFILE	PROFILE CODE	
43.590		15PS01 , 15FS01	

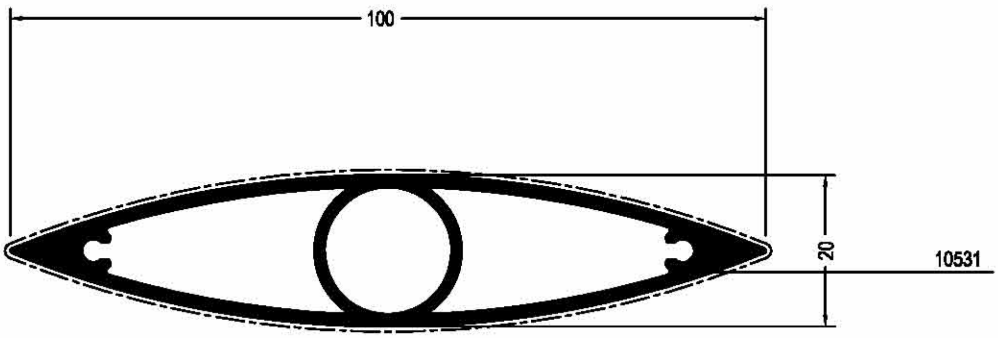
SOLAR SHADING

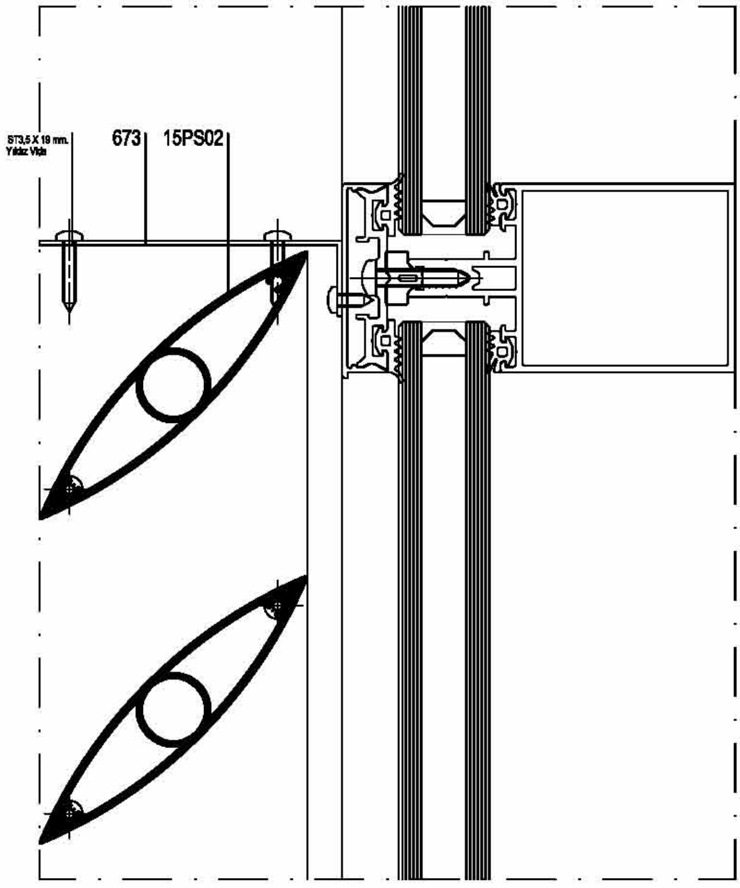


SOLAR SHADING 112.8		
PROFILE CODE	15PS01	THEORETICAL WEIGHT kg/mt: 0.622
Coating Surface (cm): 26.510	APPLICATION PROFILE	PROFILE CODE: 15CS01



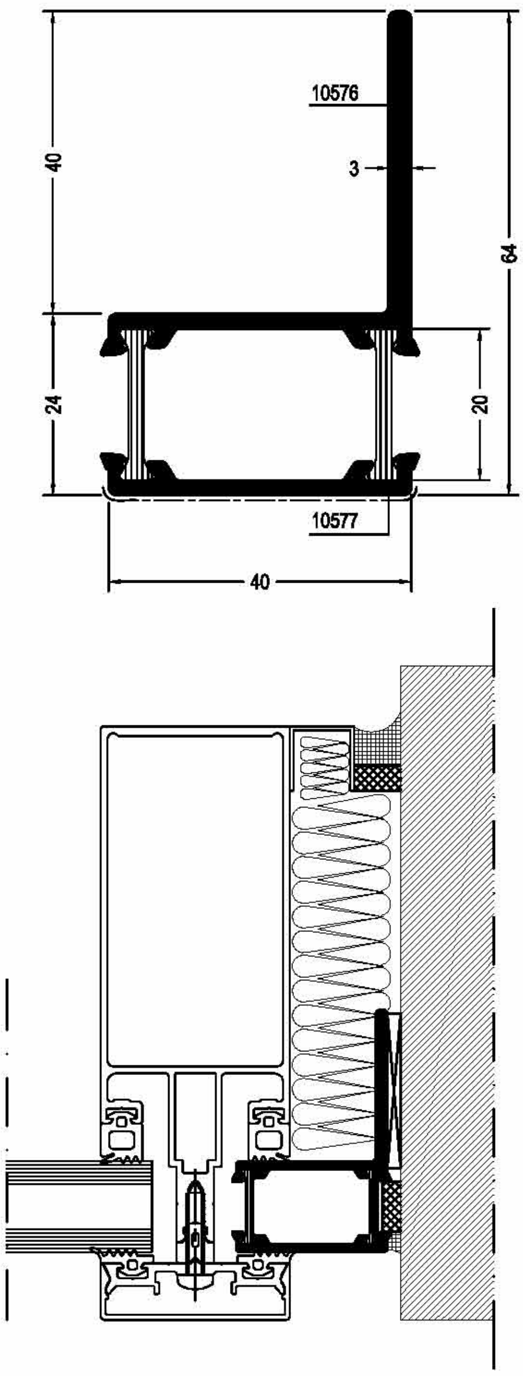
SOLAR SHADING





SOLAR SHADING	100 / 20	
PROFILE CODE	15PS02	THEORETICAL WEIGHT kg/mt: 1.086
Coating Surface (cm): 20.881		

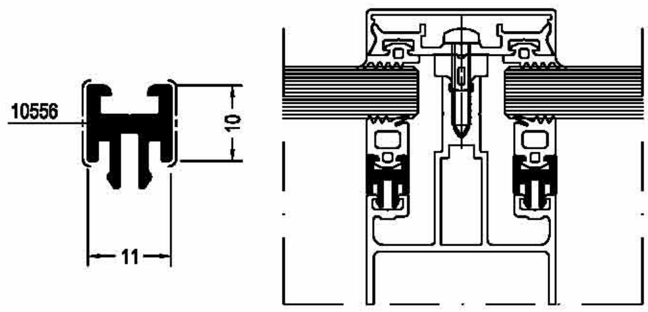
ADAPTERS



ADAPTERS 40 / 64

PROFILE CODE		13BF01		THEORETICAL WEIGHT kg/mt	1.032
Jxx (cm4)	Jyy (cm4)	Coating Surface (cm)		Covering Surface (cm)	
		10576	10577	10576	10577
13.026	9.074	19.016	11.102	----	4.208
THERMO BREAK		IMPORT (Polyamide)		20 mm I	

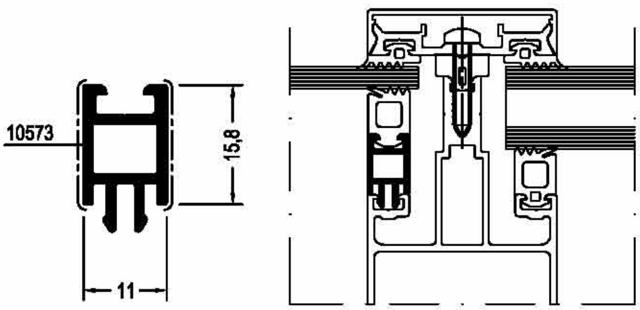
GLAZING BEAD



GLAZING BEADS 11 / 10

PROFILE CODE	13AF02	THEORETICAL WEIGHT kg/mt: 0.188

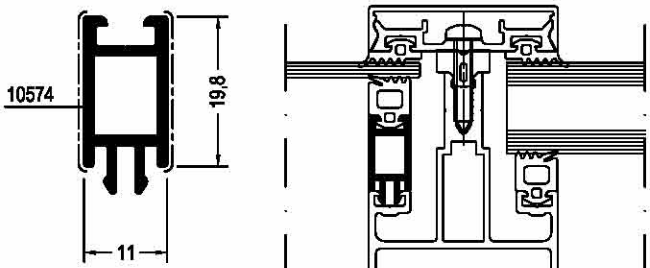
Coating Surface (cm)	Covering Surface (cm)
8.606	2.256



GLAZING BEADS 11 / 15.8

PROFILE CODE	13AF03	THEORETICAL WEIGHT kg/mt: 0.213

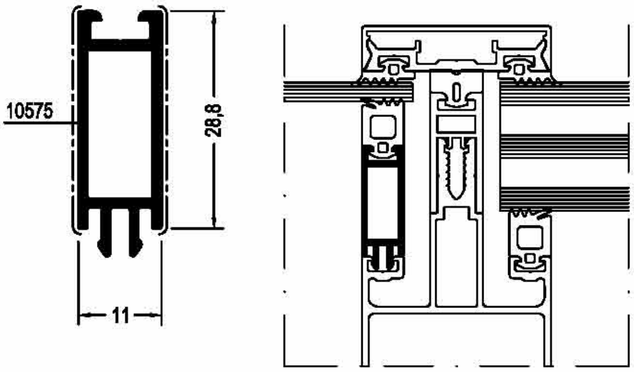
Coating Surface (cm)	Covering Surface (cm)
9.566	3.406



GLAZING BEADS 11 / 19.8

PROFILE CODE	13AF04	THEORETICAL WEIGHT kg/mt: 0.239

Coating Surface (cm)	Covering Surface (cm)
10.366	4.206

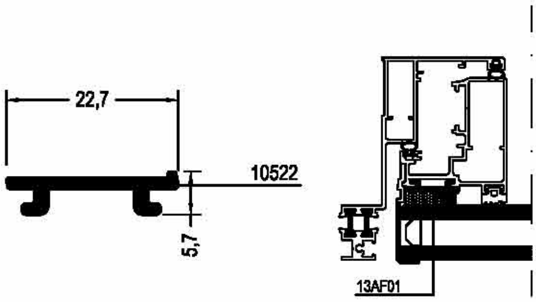


GLAZING BEADS 11 / 28.8

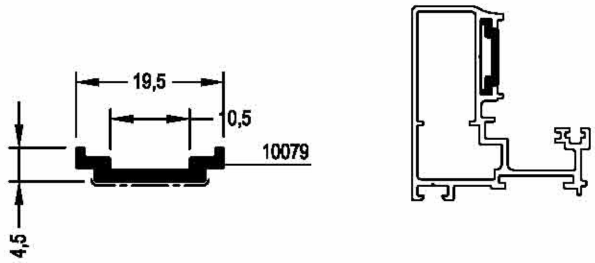
PROFILE CODE	13AF05	THEORETICAL WEIGHT kg/mt: 0.297

Coating Surface (cm)	Covering Surface (cm)
12.166	6.006

CONNECTION PROFILES

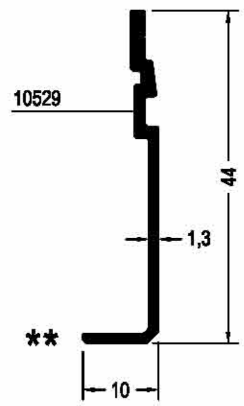


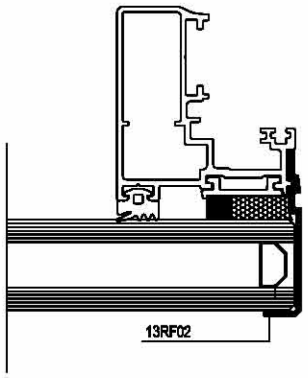
** 10522 black anodized profile



BONNING PROFILE 22.7 / 5.7			SLIDING ROAD PROFILE 19.5 / 4.5		
PROFILE CODE	13AF01	THEORETICAL WEIGHT kg/mt 0.139	PROFILE CODE	14IW01	THEORETICAL WEIGHT kg/mt 0.105
**BLACK ANODIZE	Coating Surface (cm) 6.665		Coating Surface (cm) 5.198		
APPLICATION PROFILE	PROFILE CODE 13VF02		APPLICATION PROFILE	PROFILE CODE 13VF02 , 13VF03 , 13VF04 , 13VF05 , 13VF06	

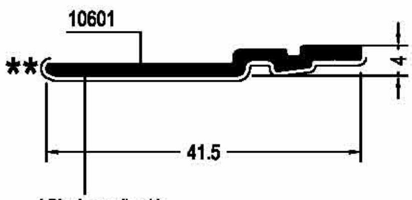
CONNECTION PROFILES

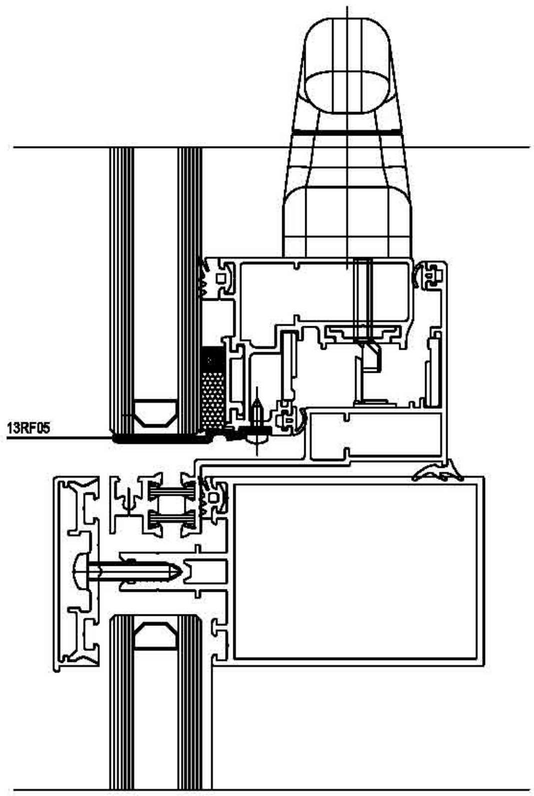




** 10529 black anodized profile

RETAINING PROFILE	10 / 44	
PROFILE CODE	13RF02	THEORETICAL WEIGHT kg/mt: 0.212
**BLACK ANODIZE	Coating Surface (cm): 11.389	
APPLICATION PROFILE	PROFILE CODE: 13VF03	

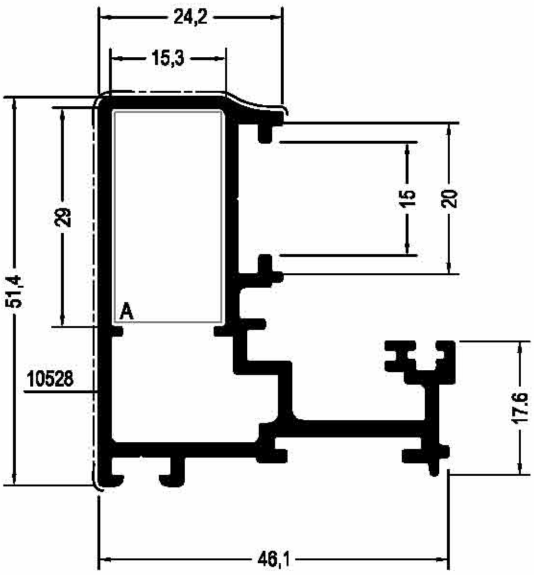


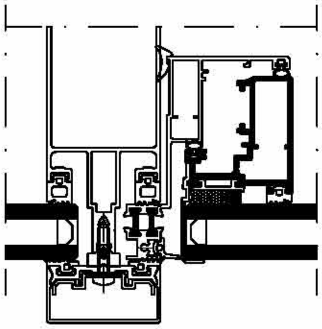


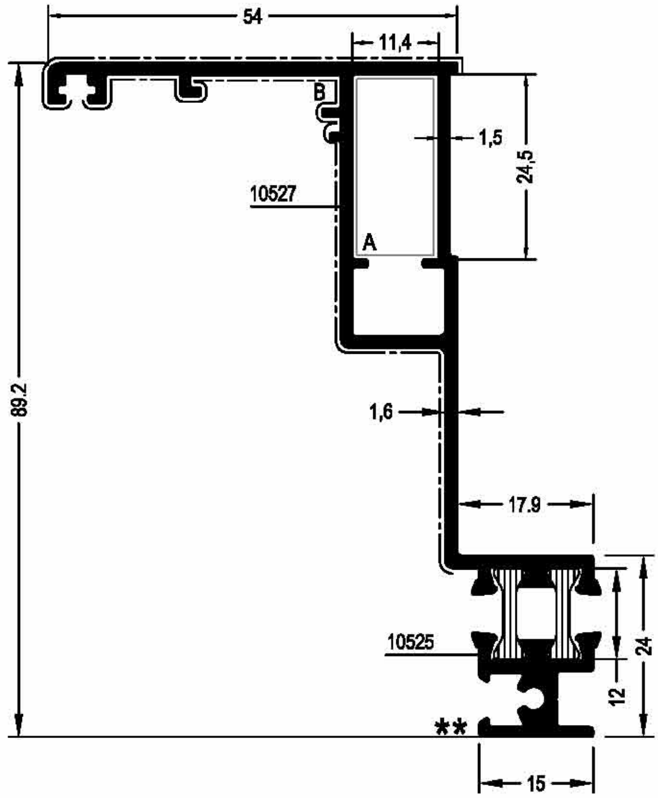
** 10601 black anodized profile

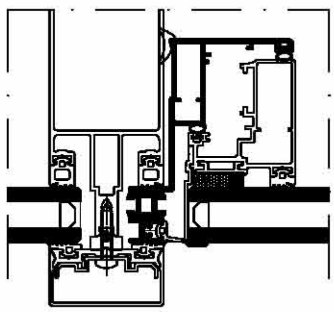
RETAINING PROFILE	41.5 / 4	
PROFILE CODE	13RF05	THEORETICAL WEIGHT kg/mt: 0.199
**BLACK ANODIZE	Coating Surface (cm): 9.185	
APPLICATION PROFILE	PROFILE CODE: 13VF03	

FRAME PROFILES









** 10525 black anodized profile

VENT PROFILE 46.1 / 51.4

PROFILE CODE	13VF03		THEORETICAL WEIGHT kg/mt
			0.953

Jxx (cm4)	Jyy (cm4)	Coating Surface (cm)	Covering Surface (cm)
		10528	10528
9.072	7.460	30.564	7.716

CORNER CLEATS	A		
DIE-CAST JOINT CORNER	1120F		
PRESS CORNER	14LW13	CUTTING SIZES (mm)	28.7

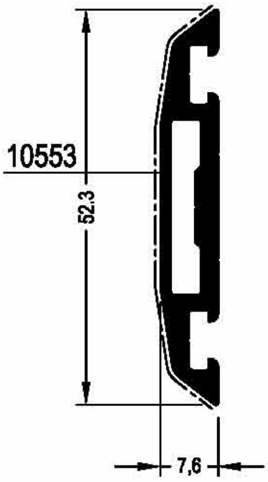
FRAME PROFILE 54 / 89.2

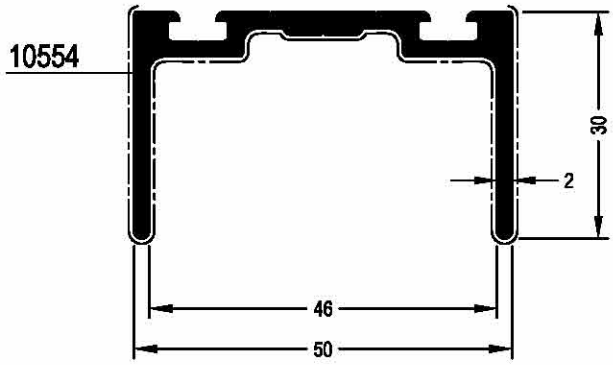
PROFILE CODE	13HF02	THEORETICAL WEIGHT kg/mt
		1.279

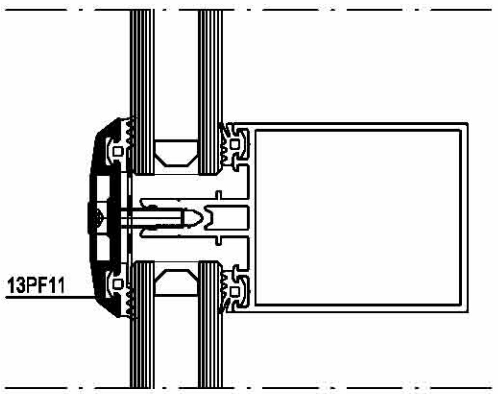
Jxx (cm4)	Jyy (cm4)	Coating Surface (cm)		Covering Surface (cm)	
		10525	10527	10525	10527
50.327	15.331	33.565	10.567	----	6.345

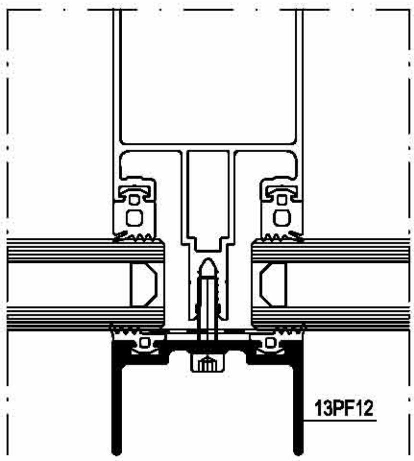
THERMO BREAK	IMPORT (Polyamide)		12 mm I
CORNER CLEATS FOR 10527	A		B
DIE-CAST JOINT CORNER	1160		m.fuji 2000
PRESS CORNER	14LW14	CUTTING SIZES (mm) 24.2	— / —

COVER CAP PROFILES





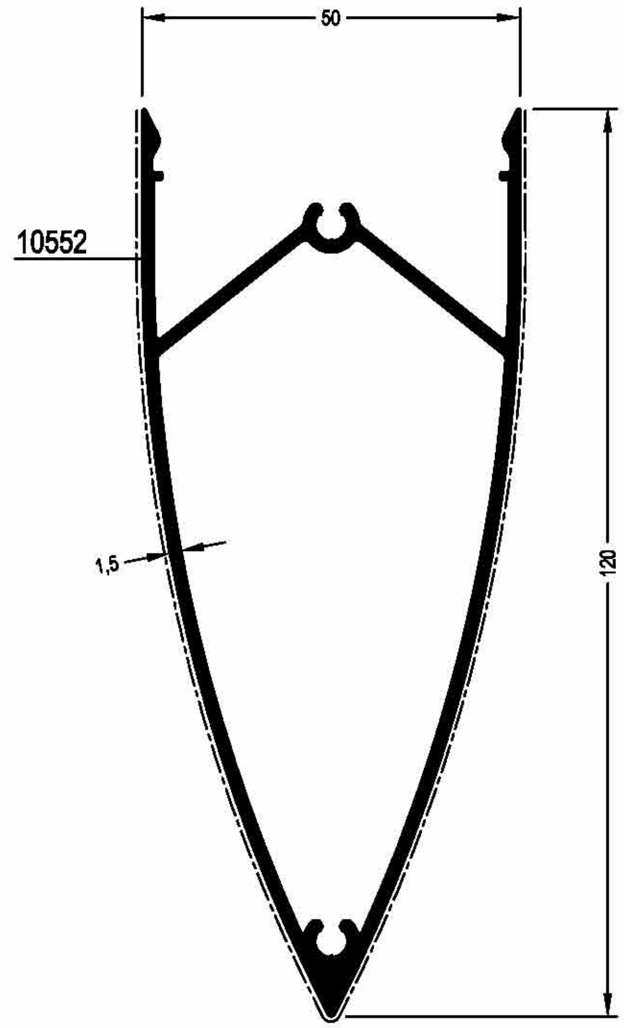


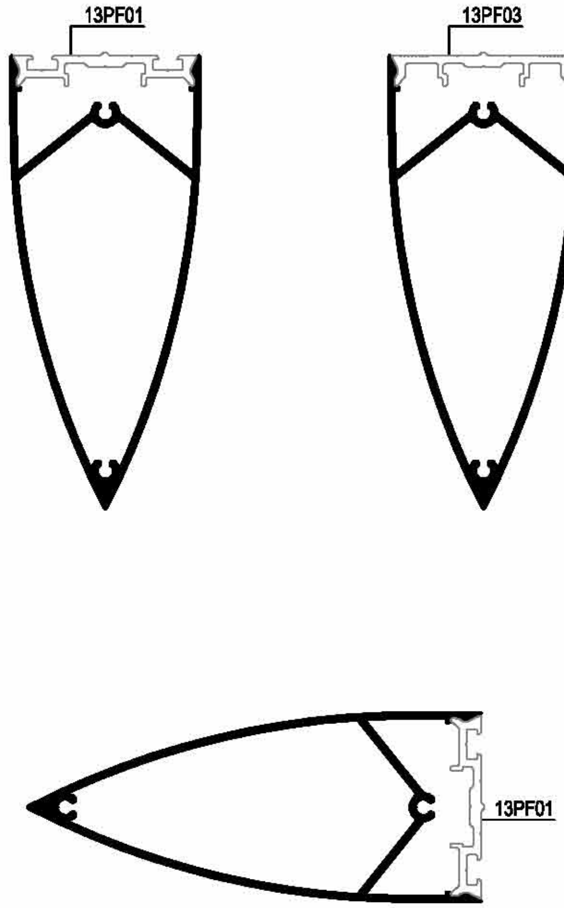


COVER CAPS	52.3 / 7.6			COVER CAPS	50 / 30		
PROFILE CODE	13PF11	THEORETICAL WEIGHT kg/mt	0.534	PROFILE CODE	13PF12	THEORETICAL WEIGHT kg/mt	0.723

Coating Surface (cm)	Covering Surface (cm)	Coating Surface (cm)	Covering Surface (cm)
10553	10553	10554	10554
13.619	6.073	23.603	16.331

COVER CAP PROFILES

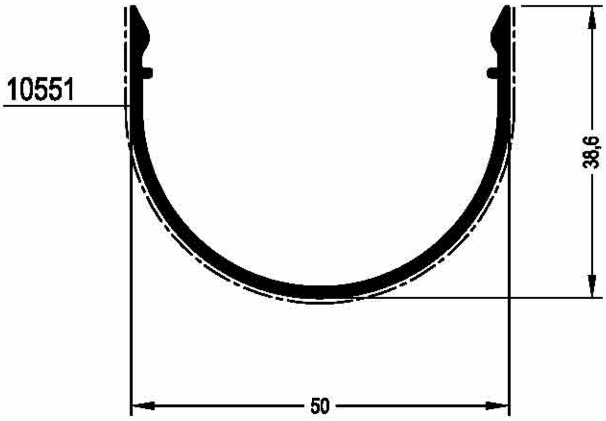


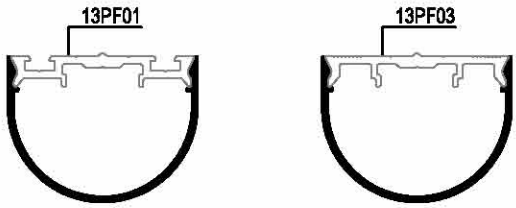


COVER CAPS 50 / 120

PROFILE CODE	13PF10		THEORETICAL WEIGHT kg/mt: 1.350
Coating Surface (cm)		Covering Surface (cm)	
10552		10552	
38.258		24.889	
APPLICATION PROFILE		PROFILE CODE	
		13PF01 , 13PF03	

COVER CAP PROFILES



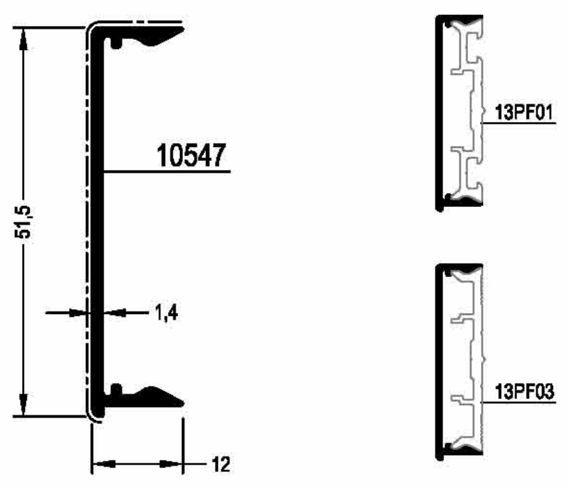


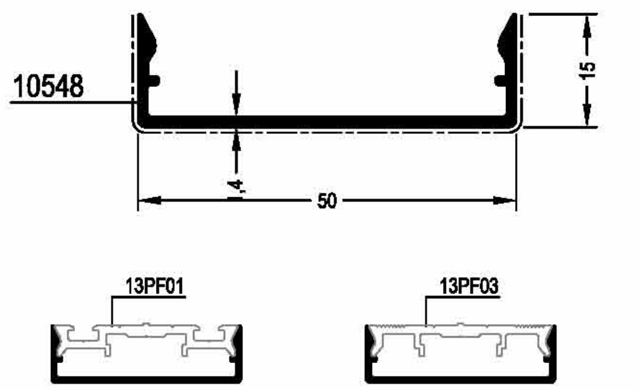
COVER CAPS 50 / 38.6

PROFILE CODE	13PF09	THEORETICAL WEIGHT kg/mt: 0.407

Coating Surface (cm)	Covering Surface (cm)
10551	10551
21.023	10.908
APPLICATION PROFILE	PROFILE CODE: 13PF01 , 13PF03

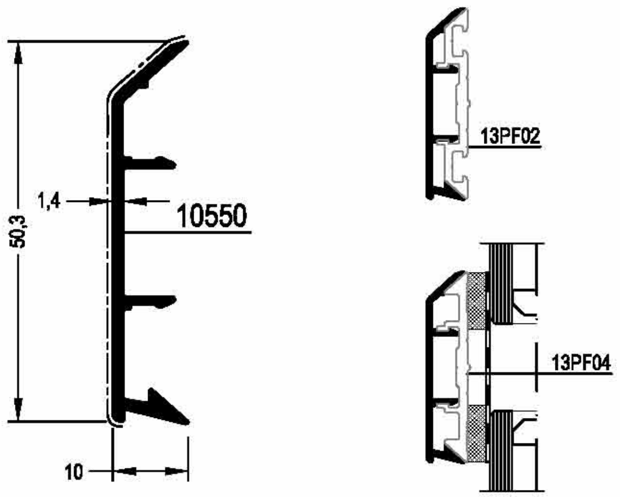
COVER CAP PROFILES

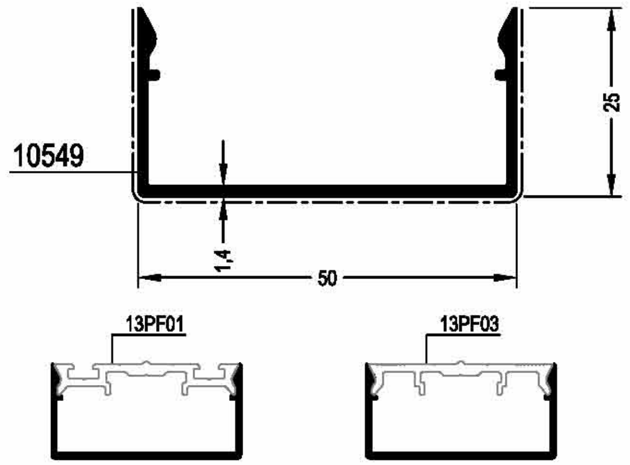




COVER CAPS 12 / 51.5		
PROFILE CODE	13PF05	THEORETICAL WEIGHT kg/mt: 0.288
Coating Surface (cm)	Covering Surface (cm)	
10547	10547	
14.778	6.597	
CONNECTION PROFILE	PROFILE CODE: 13PF01 , 13PF03	

COVER CAPS 50 / 15		
PROFILE CODE	13PF06	THEORETICAL WEIGHT kg/mt: 0.301
Coating Surface (cm)	Covering Surface (cm)	
10548	10548	
15.704	7.993	
CONNECTION PROFILE	PROFILE CODE: 13PF01 , 13PF03	

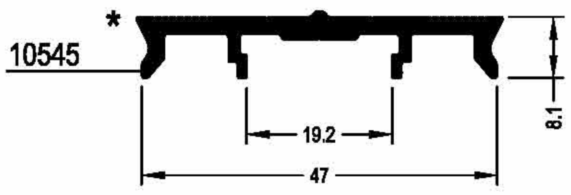


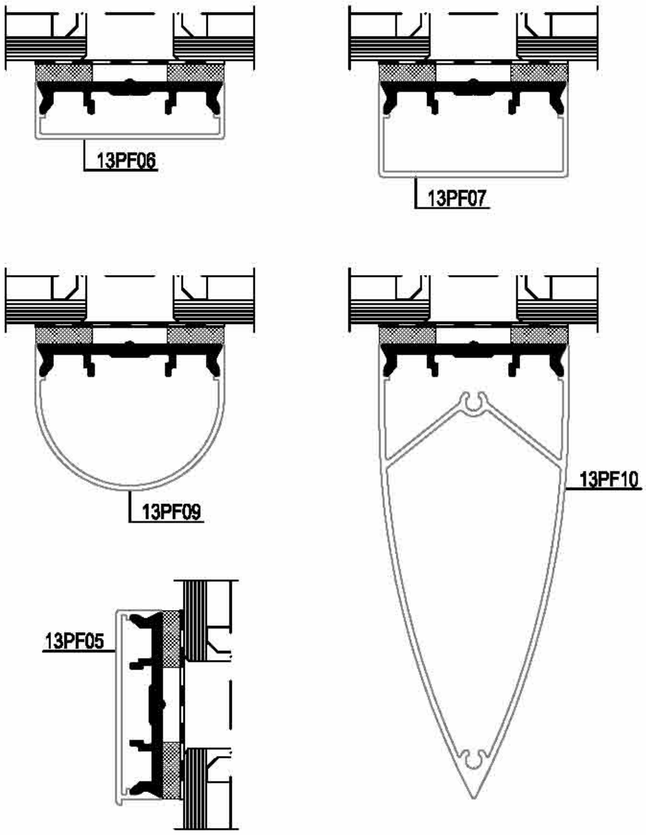


COVER CAPS 10 / 50.3		
PROFILE CODE	13PF08	THEORETICAL WEIGHT kg/mt: 0.284
Coating Surface (cm)	Covering Surface (cm)	
10550	10550	
10.476	5.669	
APPLICATION PROFILE	PROFILE CODE: 13PF02 , 13PF04	

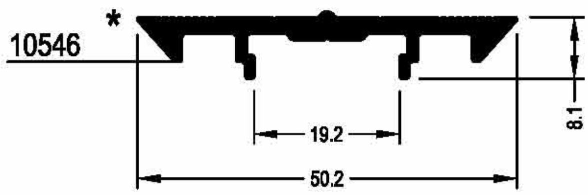
COVER CAPS 50 / 25		
PROFILE CODE	13PF07	THEORETICAL WEIGHT kg/mt: 0.363
Coating Surface (cm)	Covering Surface (cm)	
10549	10549	
13.379	10.247	
APPLICATION PROFILE	PROFILE CODE: 13PF01 , 13PF03	

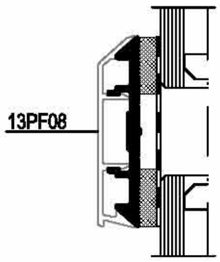
PRESSURE PLATES





* pressed profile



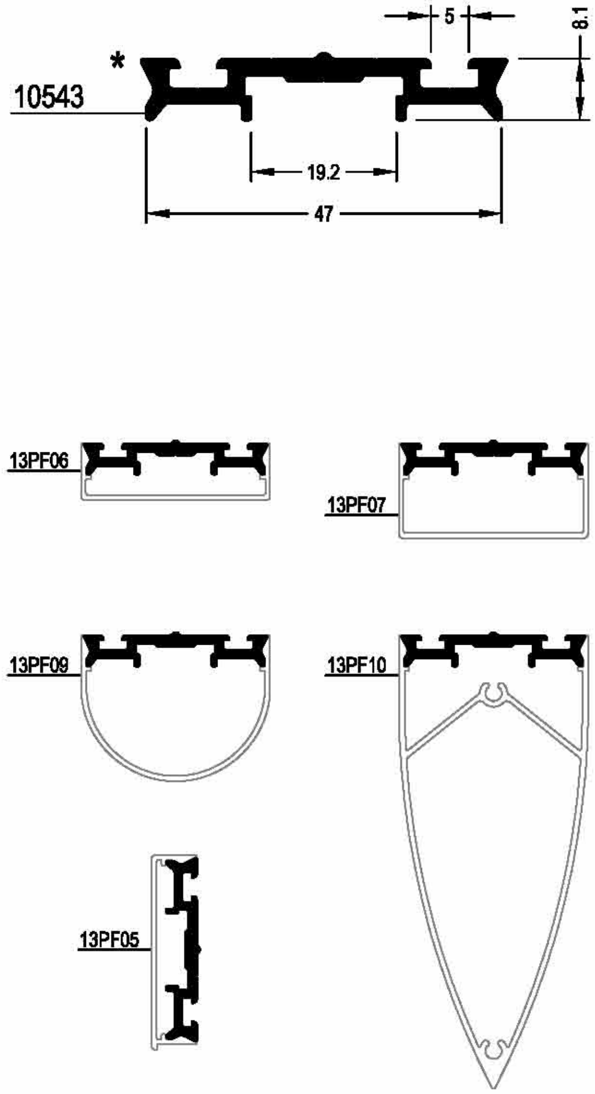


* pressed profile

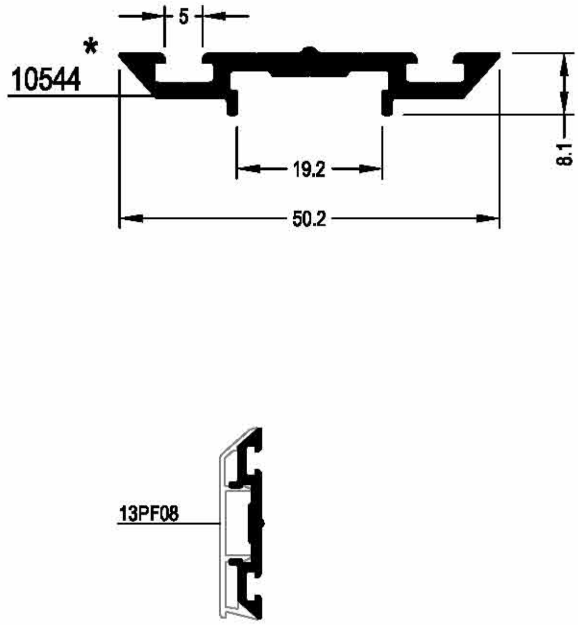
PRESSURE PLATES 47 / 8.1		
PROFILE CODE	13PF03	THEORETICAL WEIGHT kg/mt: 0.417
APPLICATION PROFILE	PROFILE CODE	13PF05 , 13PF06 , 13PF07 13PF09 , 13PF10

PRESSURE PLATES 50.2 / 8.1		
PROFILE CODE	13PF04	THEORETICAL WEIGHT kg/mt: 0.412
APPLICATION PROFILE	PROFILE CODE	13PF08

PRESSURE PLATES



* pressed profile

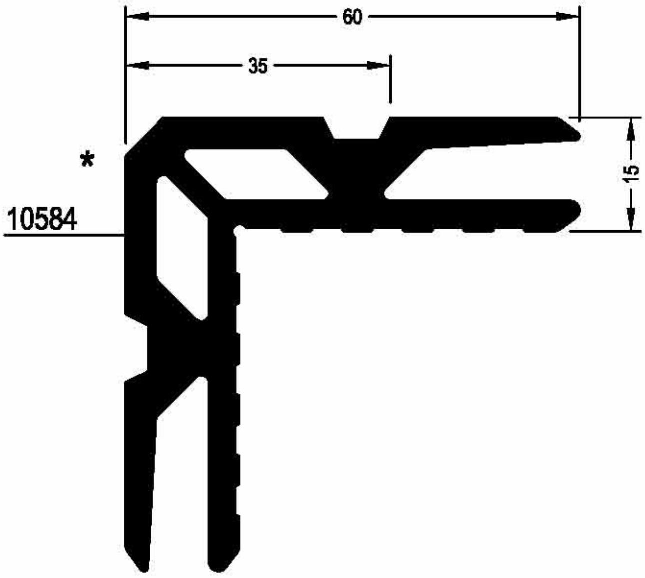


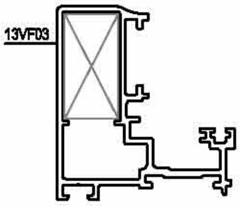
* pressed profile

PRESSURE PLATES 47 / 8.1		
PROFILE CODE	13PF01	THEORETICAL WEIGHT kg/mt: 0.438
APPLICATION PROFILE	PROFILE CODE: 13PF05 , 13PF06 , 13PF07 13PF09 , 13PF10	

PRESSURE PLATES 50.2 / 8.1		
PROFILE CODE	13PF02	THEORETICAL WEIGHT kg/mt: 0.406
APPLICATION PROFILE	PROFILE CODE: 13PF08	

CORNER CLEATS





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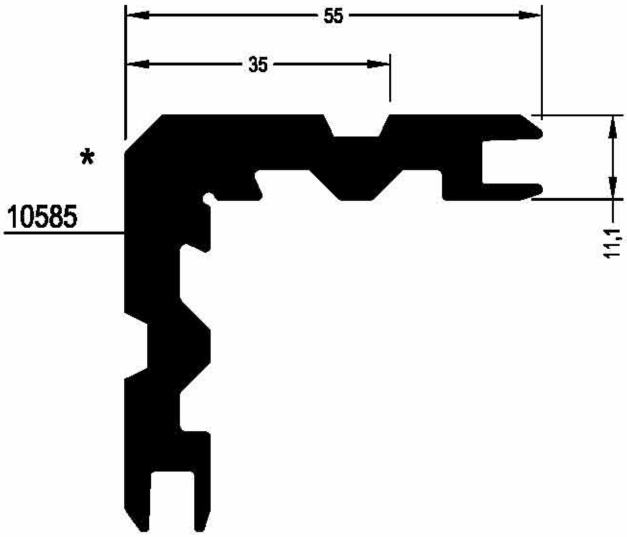

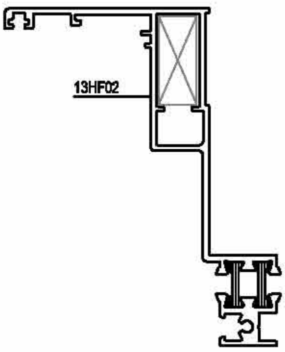

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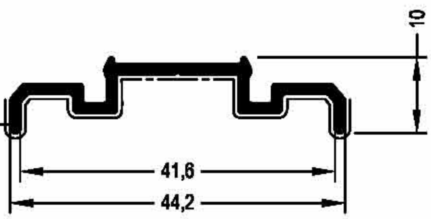
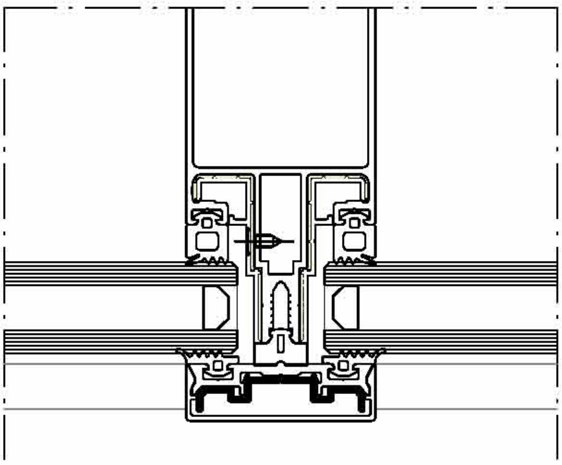
CORNER CLEATS	15 / 60	
PROFILE CODE	14LW13	THEORETICAL WEIGHT kg/mt: 2.488
APPLICATION PROFILE	PROFILE CODE: 13VF03	

CORNER CLEATS	11.1 / 55	
PROFILE CODE	14LW14	THEORETICAL WEIGHT kg/mt: 2.420
APPLICATION PROFILE	PROFILE CODE: 13HF02	

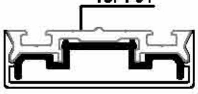
COVER CAP PROFILES

10587

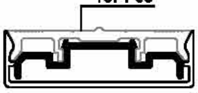




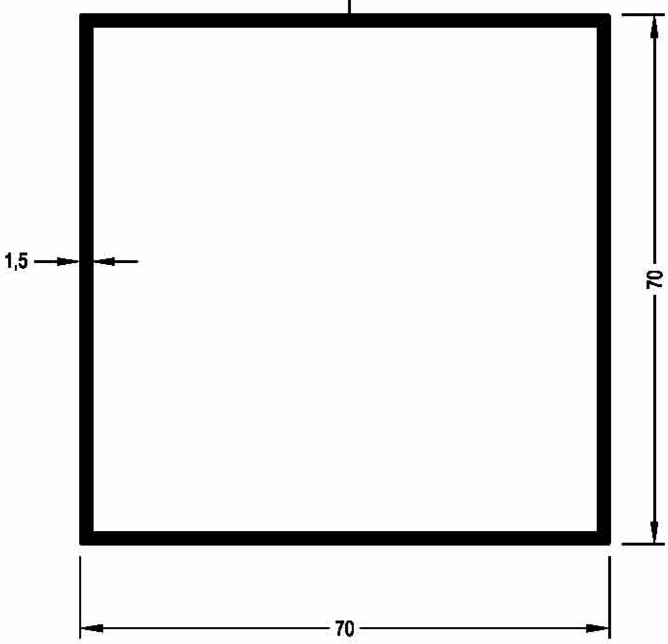
13PF01

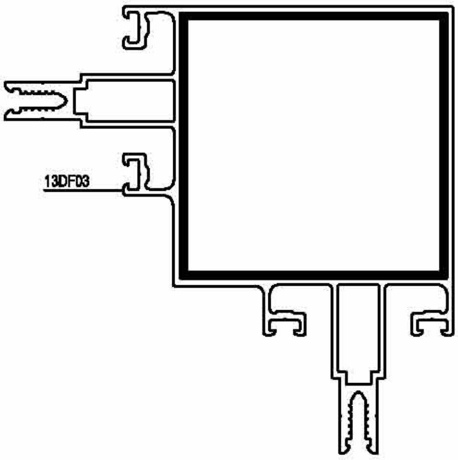


13PF03



578





VERTICAL CONNECTION 44.2 / 10

PROFILE CODE	13CF15	THEORETICAL WEIGHT kg/mt	0.667

Coating Surface (cm)
10587
13.875

APPLICATION PROFILE	PROFILE CODE
	13PF01 , 13PF03
	13PF06 , 13PF07 , 13PF09 , 13PF10

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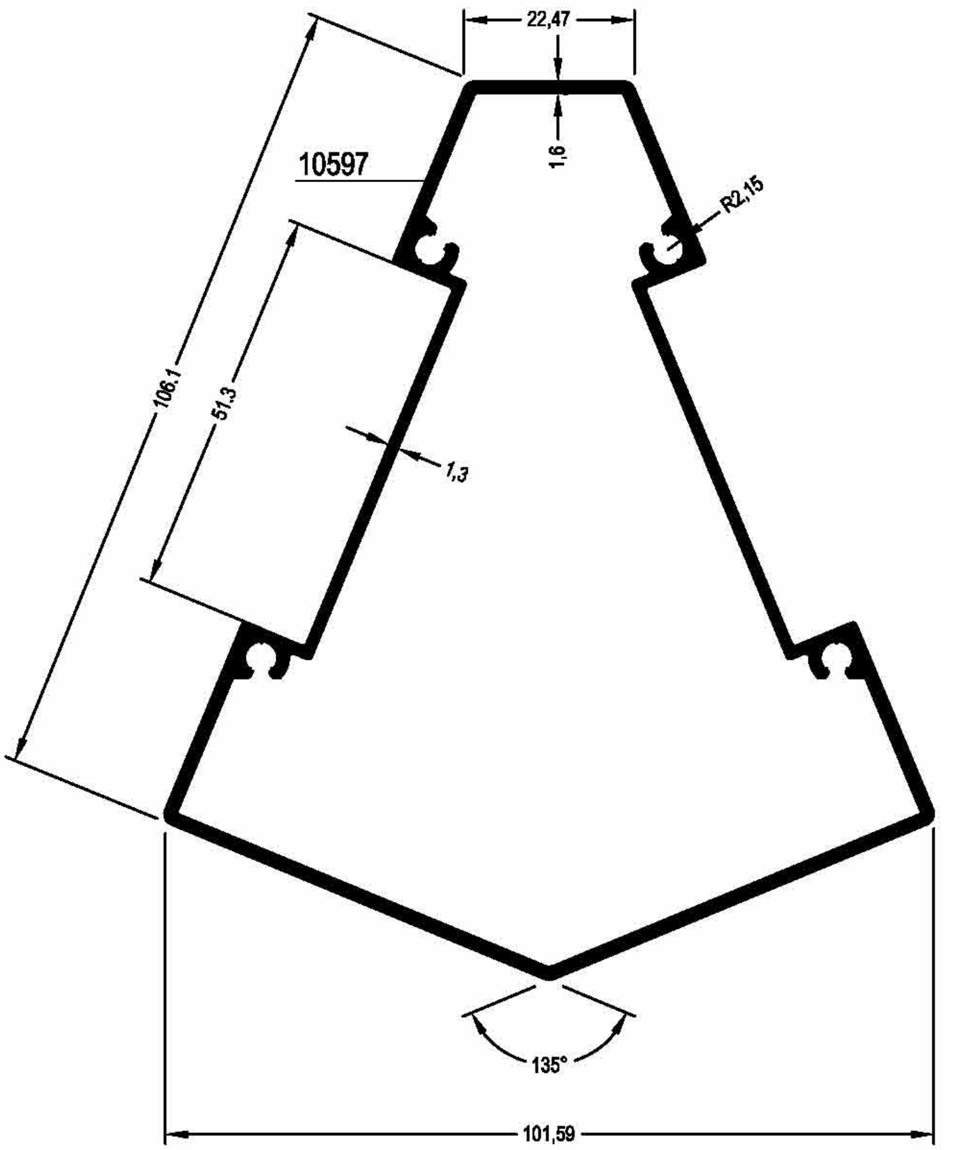
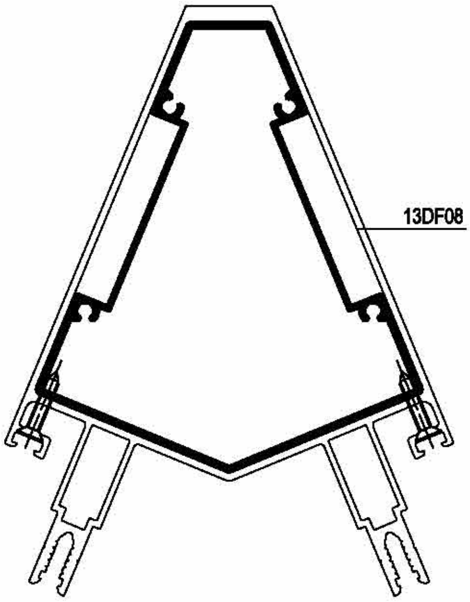
PROFILE 70 / 70

PROFILE CODE	578	THEORETICAL WEIGHT kg/mt	1.114

APPLICATION PROFILE	PROFILE CODE
	13DF03

VERTICAL CONNECTION





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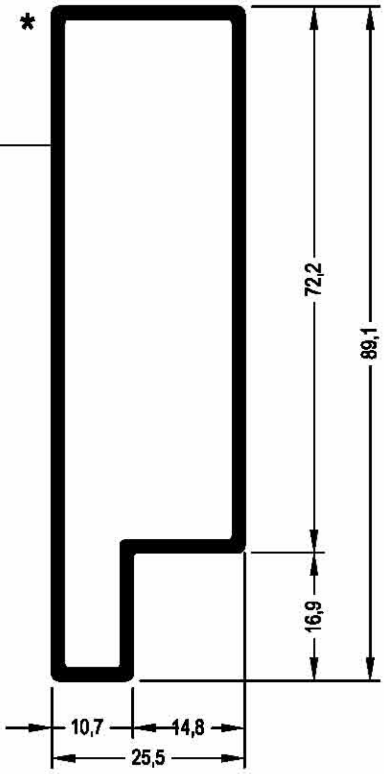
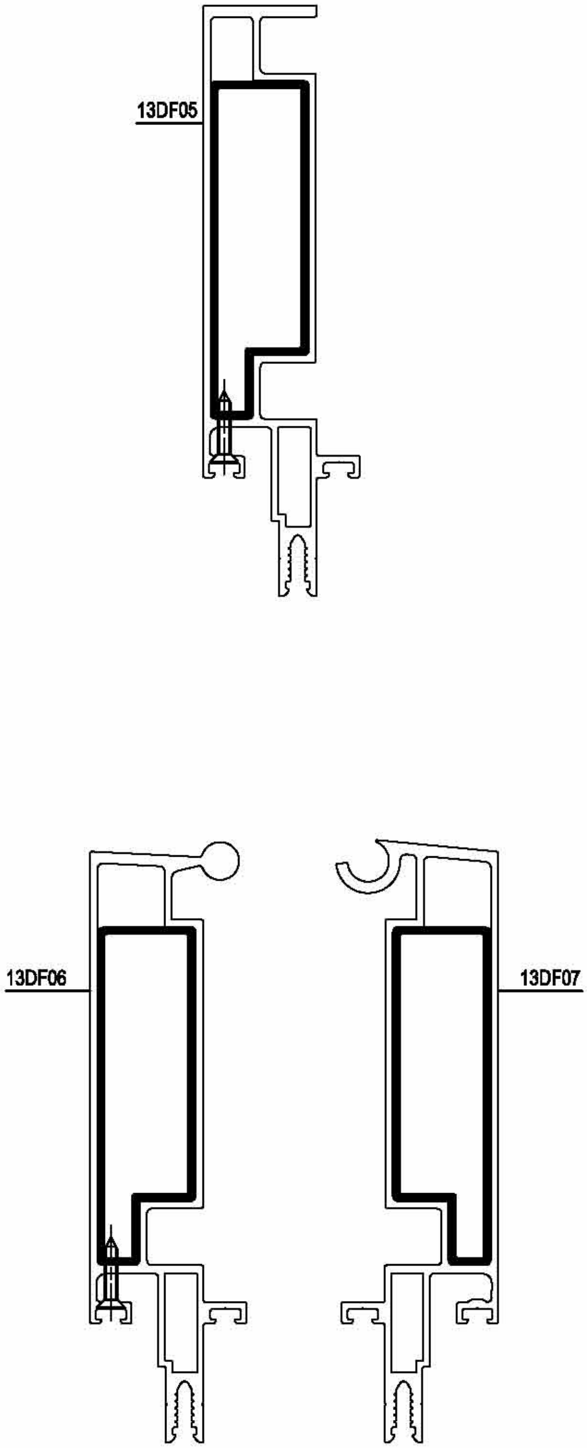
VERTICAL CONNECTION	101.5 / 106.1		
PROFILE CODE	13CF16	THEORETICAL WEIGHT kg/mt	1.647

APPLICATION PROFILE	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)
	13DF08	25A1213	250

VERTICAL CONNECTION





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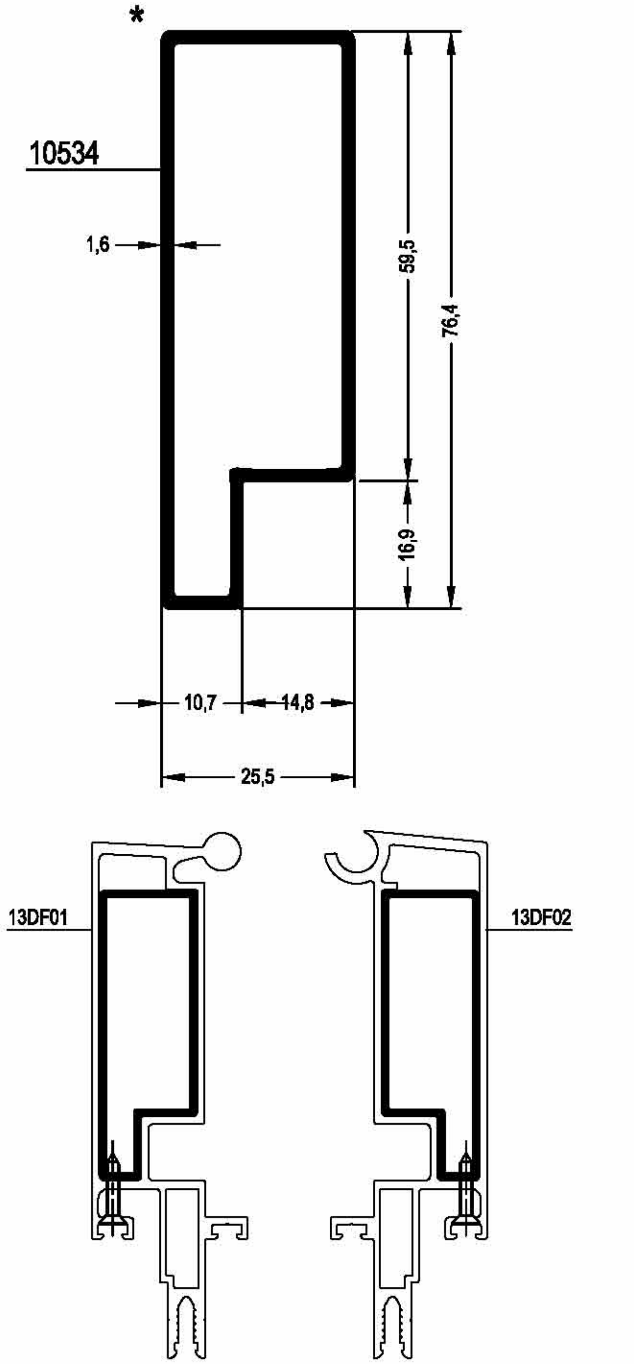
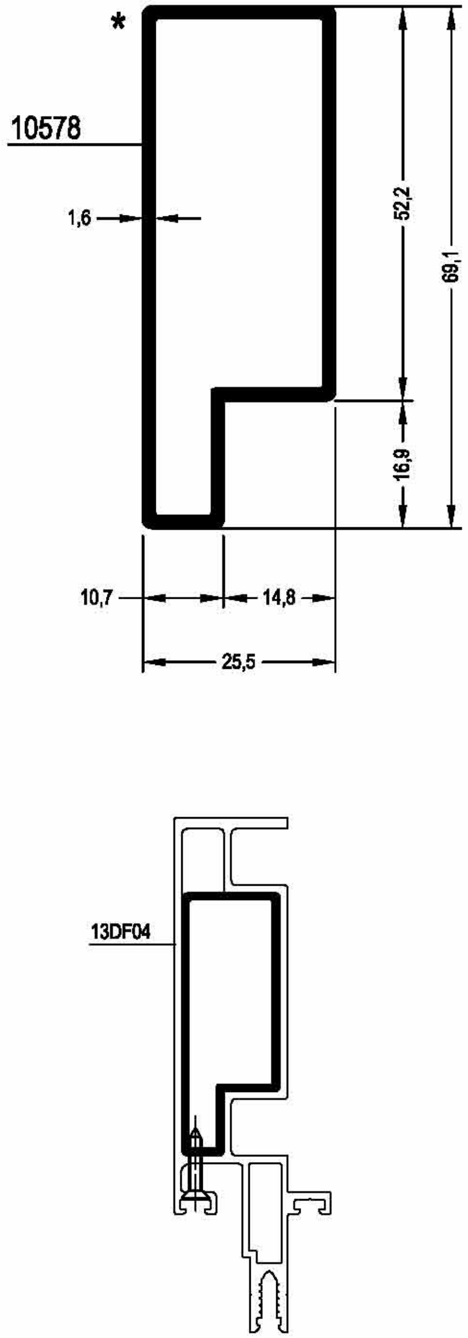
VERTICAL CONNECTION	25.5 / 89.1		
PROFILE CODE	13CF02	THEORETICAL WEIGHT kg/mt	0.964

APPLICATION PROFILE	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)
	13DF05	25A1211	250
	13DF06	25A1211	250
	13DF07	25A1211	250

VERTICAL CONNECTION





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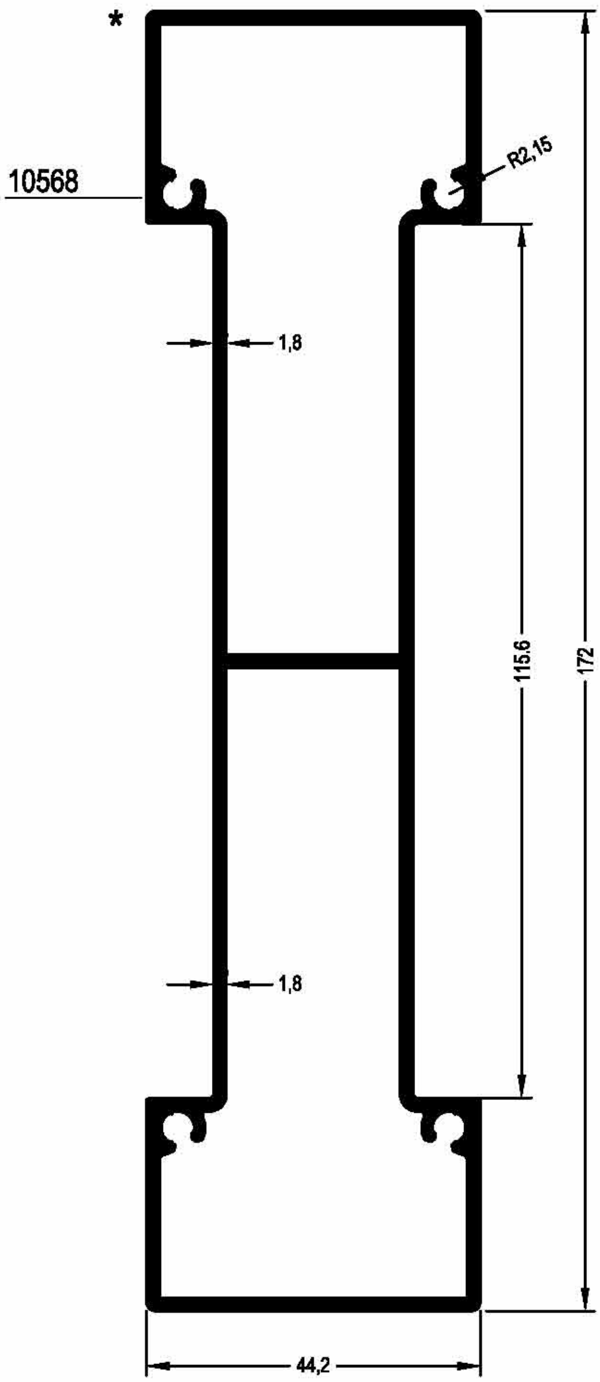
* pressed profile

VERTICAL CONNECTION	25.5 / 76.4		VERTICAL CONNECTION	25.5 / 69.1	
PROFILE CODE	13CF03	THEORETICAL WEIGHT kg/mt 0.852	PROFILE CODE	13CF01	THEORETICAL WEIGHT kg/mt 0.789

APPLICATION PROFILE	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)
	13DF01	25A1209	250
	13DF02	25A1209	250

APPLICATION PROFILE	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)
	13DF04	25A1210	250

VERTICAL CONNECTION



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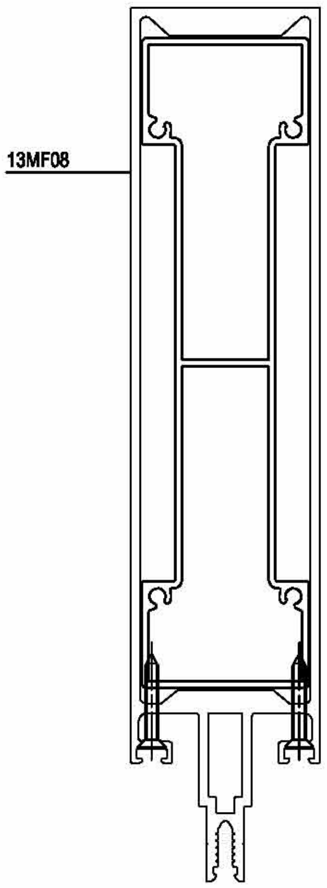
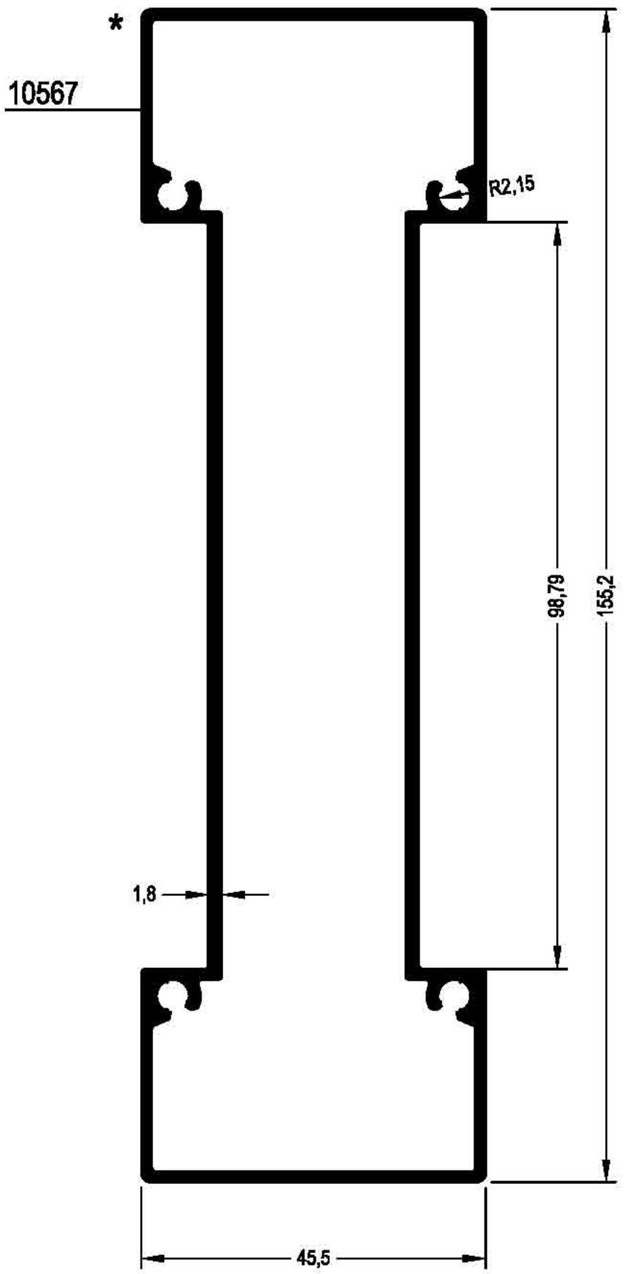


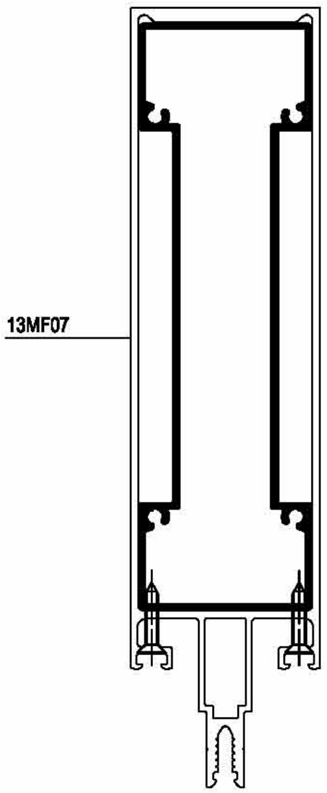
VERTICAL CONNECTION 44.2 / 172

PROFILE CODE	13CF14	THEORETICAL WEIGHT kg/mt	2.467

APPLICATION PROFILE	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)
	13MF08	25A1208	250

VERTICAL CONNECTION





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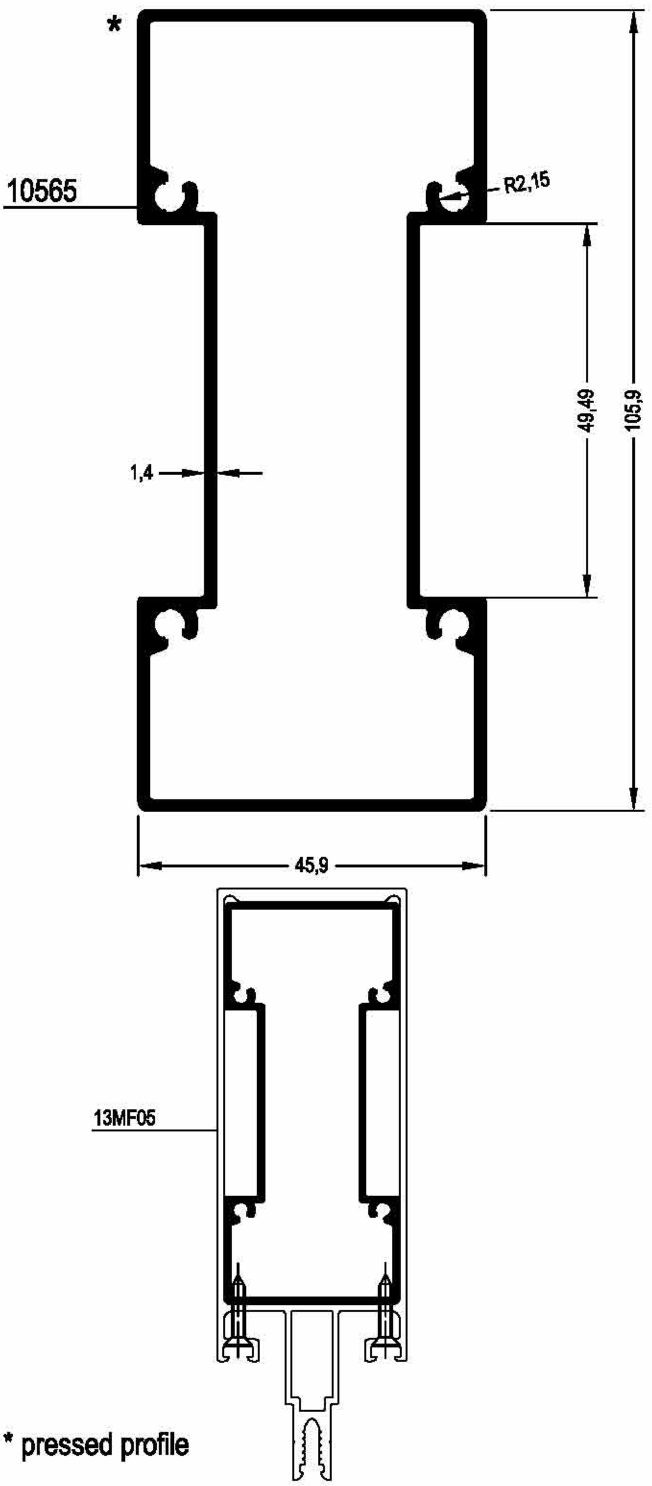
VERTICAL CONNECTION 45.5 / 155.2

PROFILE CODE	13CF13	THEORETICAL WEIGHT kg/mt	2.011

APPLICATION PROFILE	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)
	13MF07	25A1207	250

VERTICAL CONNECTION



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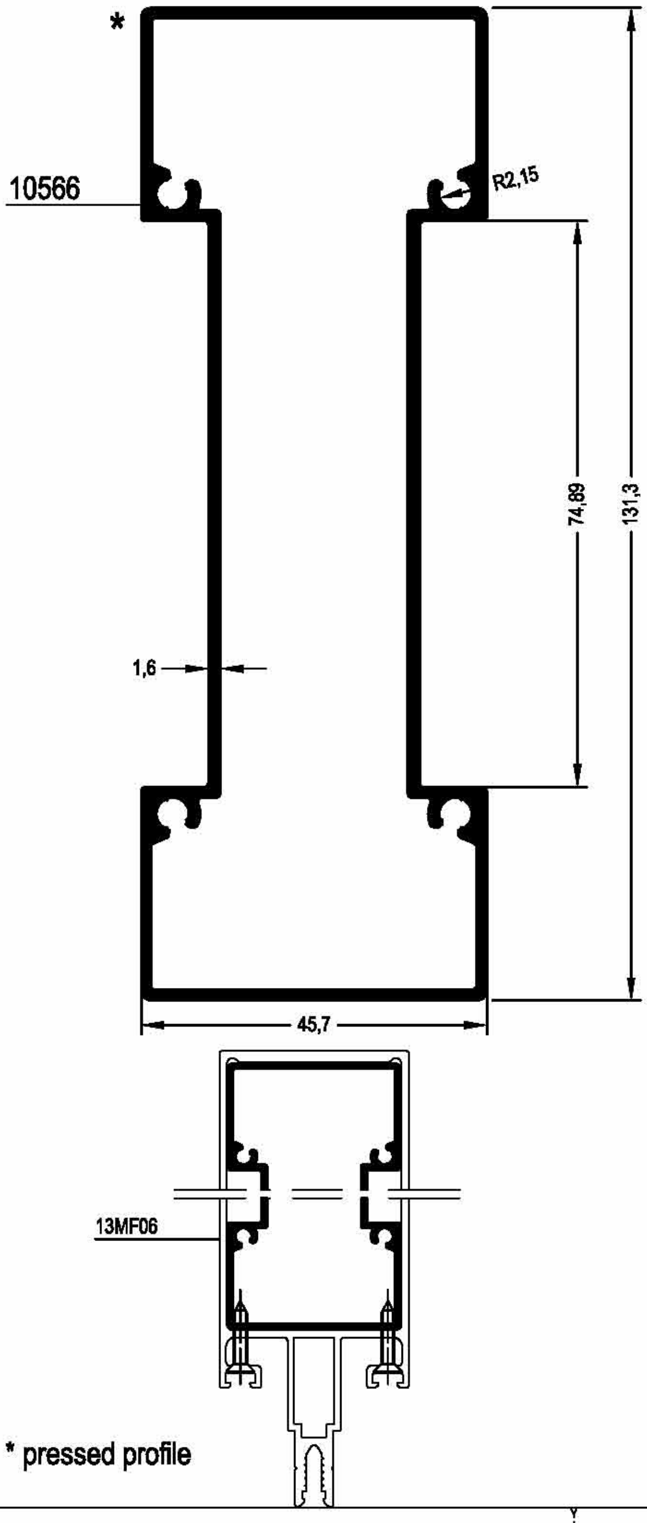

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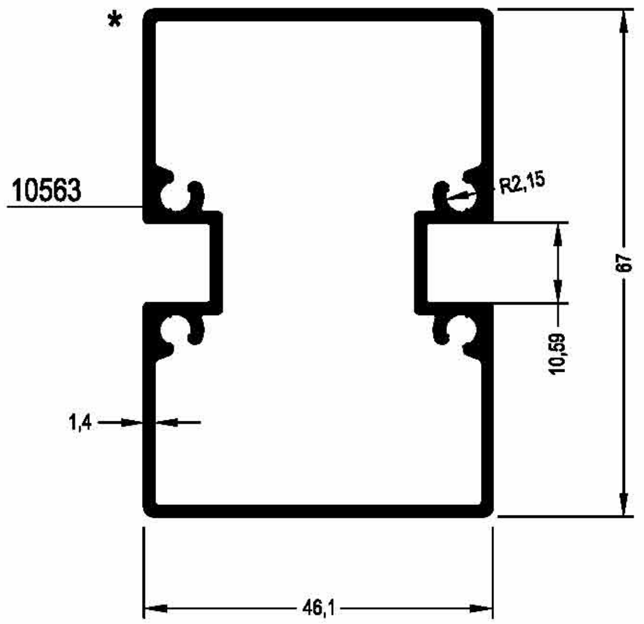
VERTICAL CONNECTION	45.9 / 105.9	
PROFILE CODE	13CF11	THEORETICAL WEIGHT kg/mt 1.419

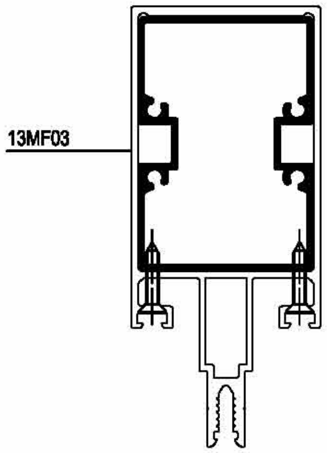
APPLICATION PROFILE	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)
	13MF05	25A1205	250

VERTICAL CONNECTION	45.7 / 131.3	
PROFILE CODE	13CF12	THEORETICAL WEIGHT kg/mt 1.689

APPLICATION PROFILE	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)
	13MF06	25A1206	250

VERTICAL CONNECTION





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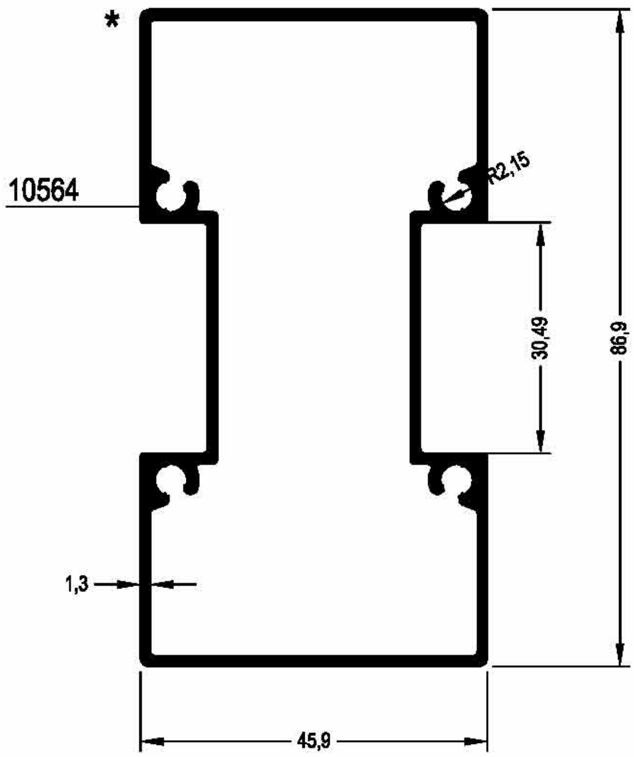

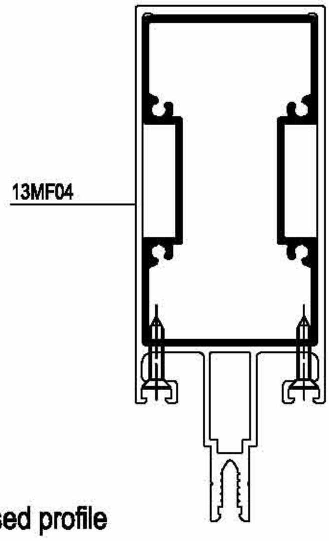

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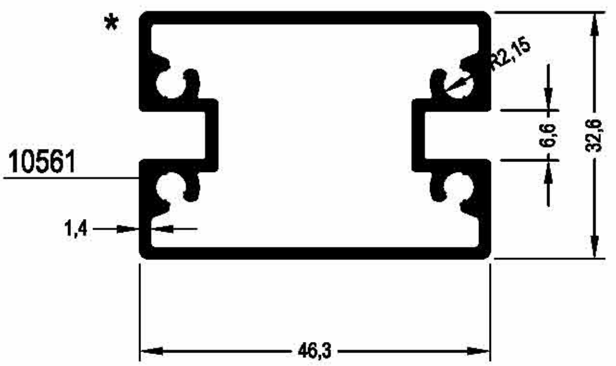
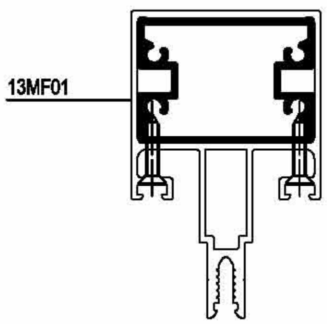
VERTICAL CONNECTION 46.1 / 67			VERTICAL CONNECTION 45.9 / 86.9		
PROFILE CODE	13CF09	THEORETICAL WEIGHT kg/mt: 1.126	PROFILE CODE	13CF10	THEORETICAL WEIGHT kg/mt: 1.230

APPLICATION PROFILE	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)	APPLICATION PROFILE	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)
	13MF03	25A1203	250		13MF04	25A1204	250

VERTICAL CONNECTION





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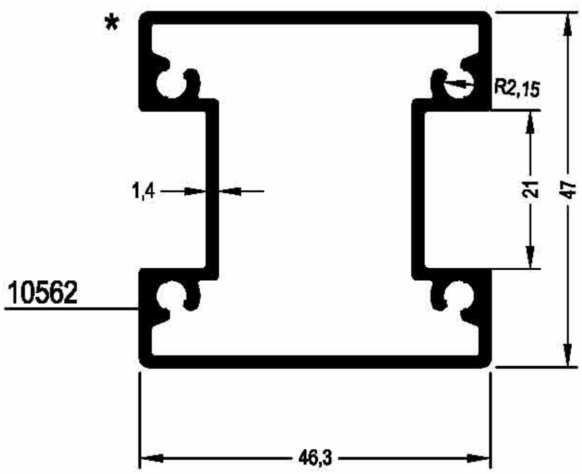

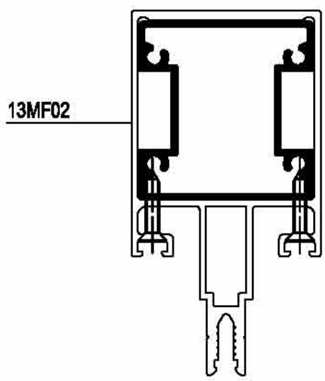

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VERTICAL CONNECTION 46.3 / 32.6

PROFILE CODE	13CF07	THEORETICAL WEIGHT kg/mt: 0.866

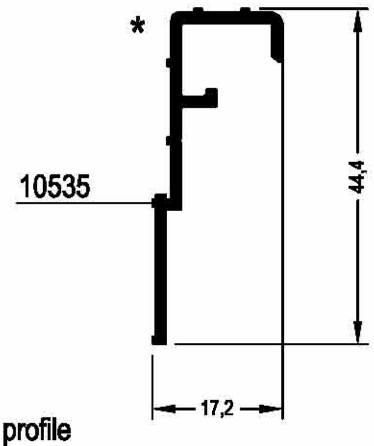
APPLICATION PROFILE	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)
	13MF01	25A1201	250

VERTICAL CONNECTION 46.3 / 47

PROFILE CODE	13CF08	THEORETICAL WEIGHT kg/mt: 0.976

APPLICATION PROFILE	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)
	13MF02	25A1202	250

VERTICAL CONNECTION



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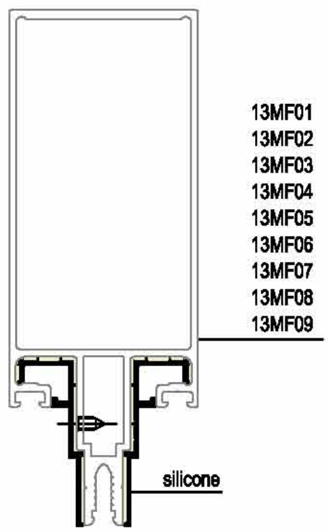


Scale : 1 / 2

CONDENS CONNECTION 17.2 / 44.4

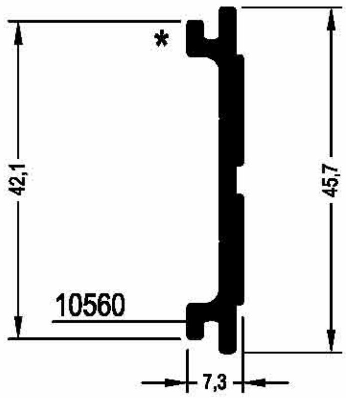
PROFILE CODE	13CF04	THEORETICAL WEIGHT kg/mt	0.260

APPLICATION PROFILE	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)
	vertical mullions	25A1212	250

SYSTEM LEGEND 13'50 F

PROFILE

HORIZONTAL CONNECTION



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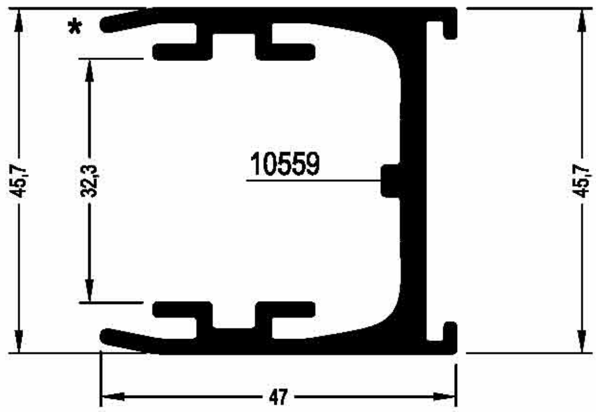

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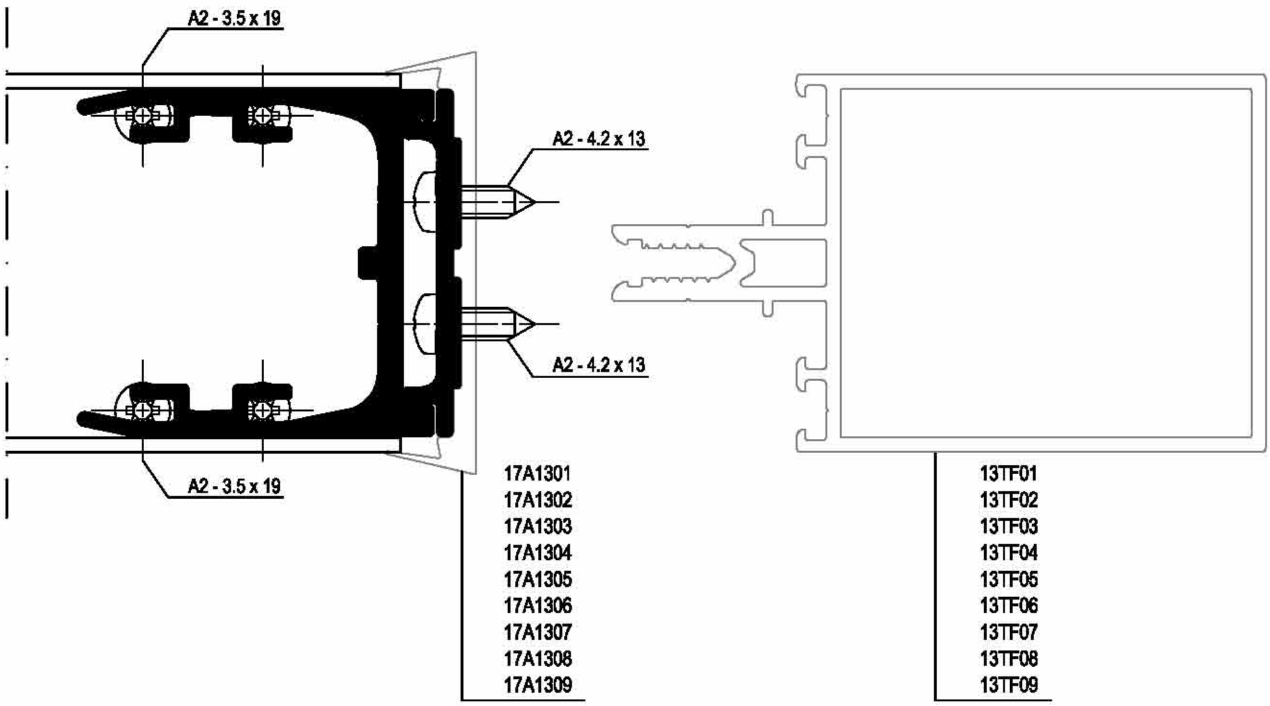
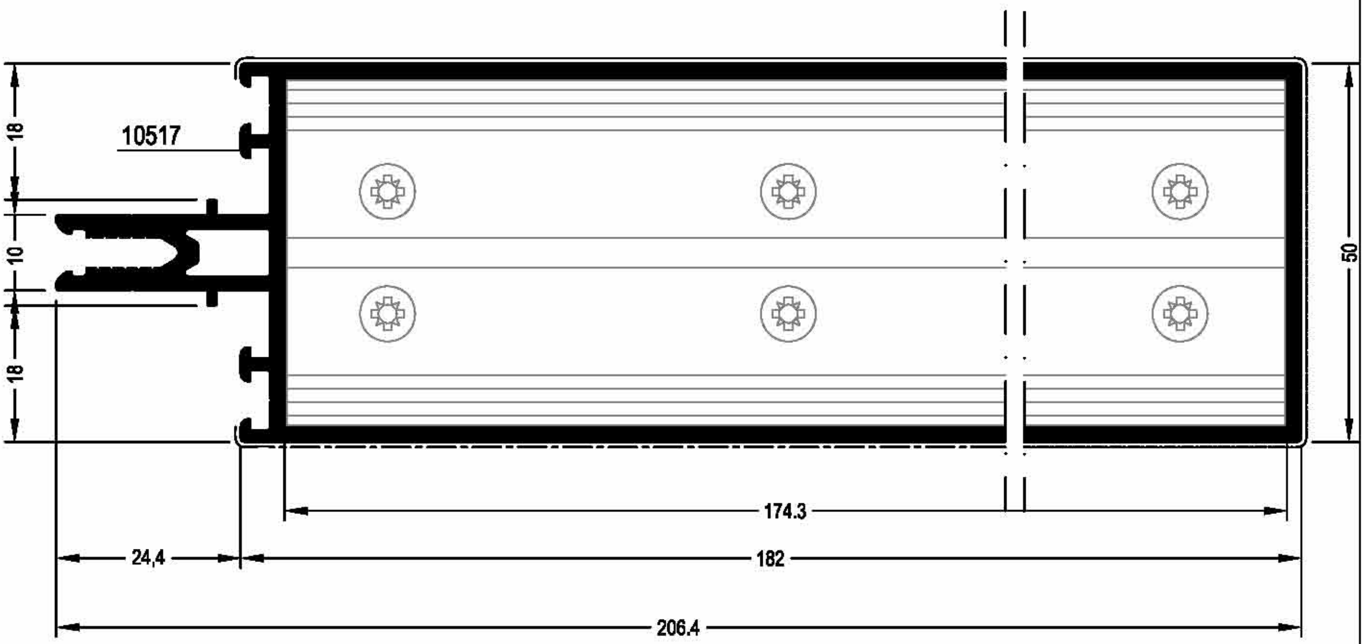
HORIZONTAL CONNECTION 7.3 / 45.7				
PROFILE CODE	13CF06		THEORETICAL WEIGHT kg/mt	0.405
APPLICATION PROFILE	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)	
	13CF05	—	-----	

HORIZONTAL CONNECTION 47 / 45.7				
PROFILE CODE	13CF05		THEORETICAL WEIGHT kg/mt	1.214
APPLICATION PROFILE	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)	
	13CF06	—	—	



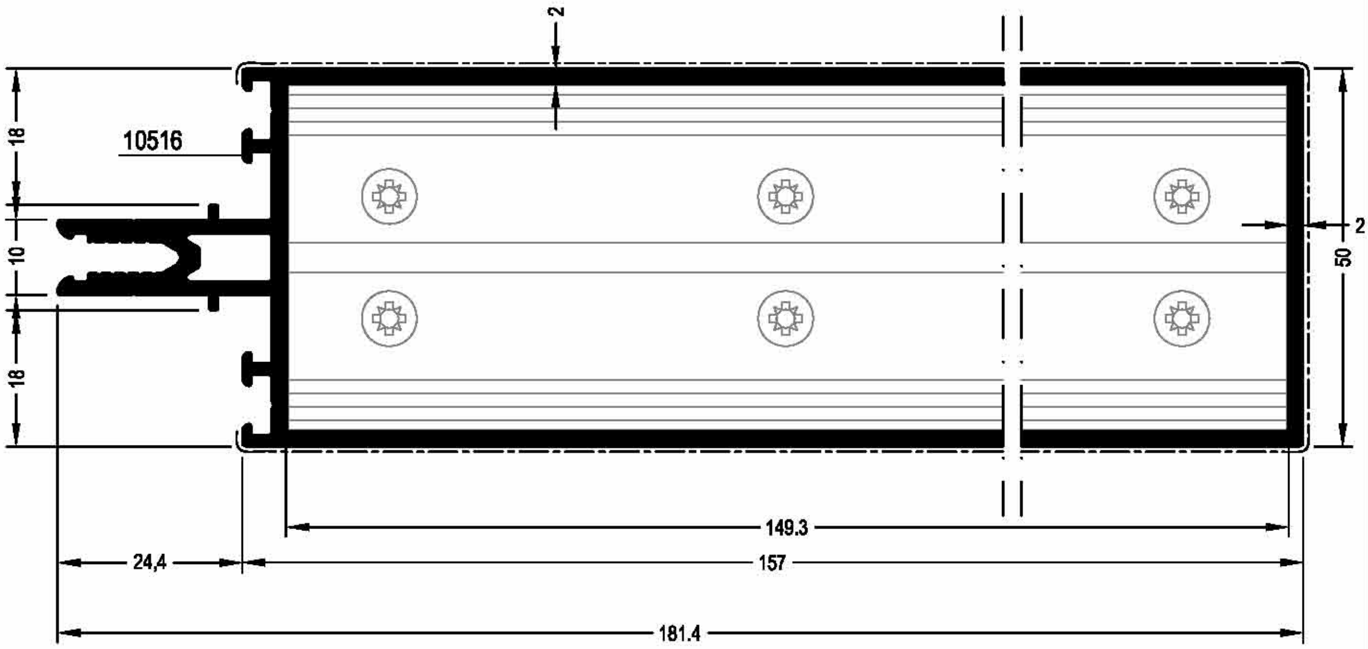
HORIZONTAL MULLION



HORIZONTAL MULLION 50 / 182					
PROFILE CODE		13TF09		THEORETICAL WEIGHT kg/mt	2.814
Jxx (cm4)	Jyy (cm4)	Coating Surface (cm) 10517		Covering Surface (cm) 10517	
472.990	43.748	60.679		41.902	

CONNECTION FOR HORIZONTAL	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)
1.alternative	13CFXX	25A1109	173.8
2.alternative	13CF05 + 13CF06	25A1309	173.8

HORIZONTAL MULLION

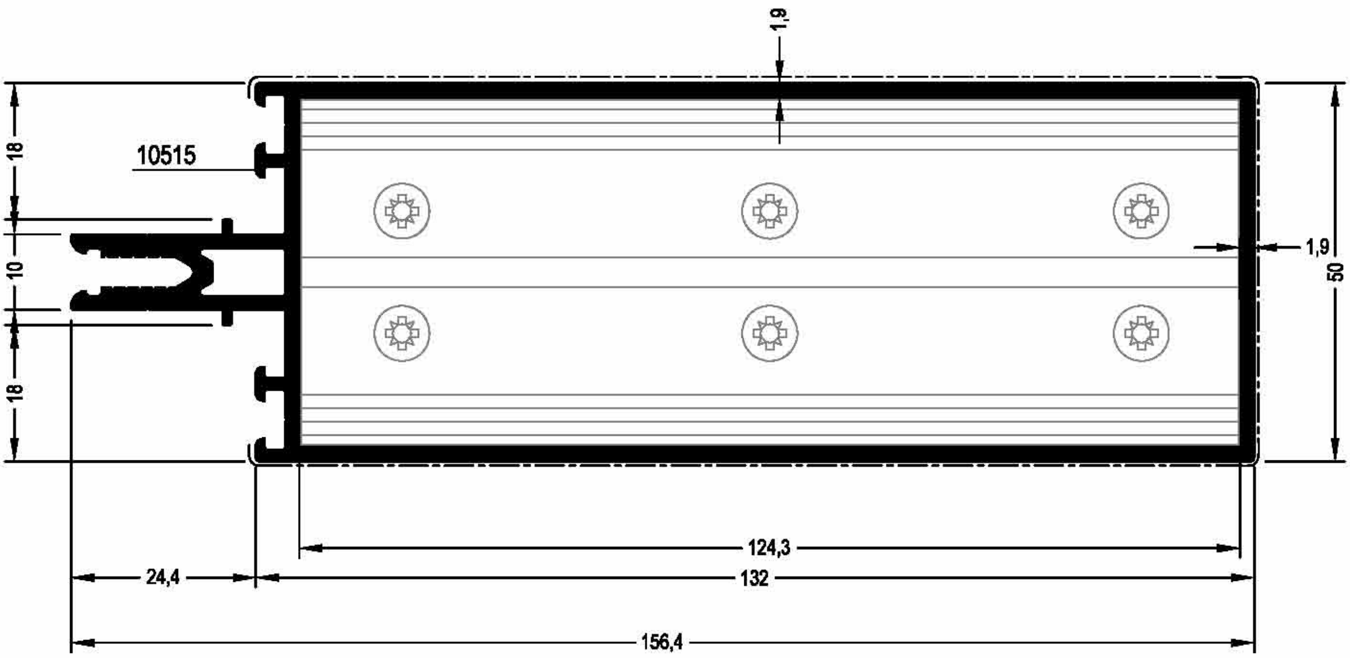


HORIZONTAL MULLION	50 / 157		
PROFILE CODE	13TF08	THEORETICAL WEIGHT kg/mt	2.662

Jxx (cm4)	Jyy (cm4)	Coating Surface (cm) 10516	Covering Surface (cm) 10516
344.706	39.999	54.987	36.902

CONNECTION FOR HORIZONTAL	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)
1.alternative	13CFXX	25A1108	148.6
2.alternative	13CF05 + 13CF06	25A1308	148.6

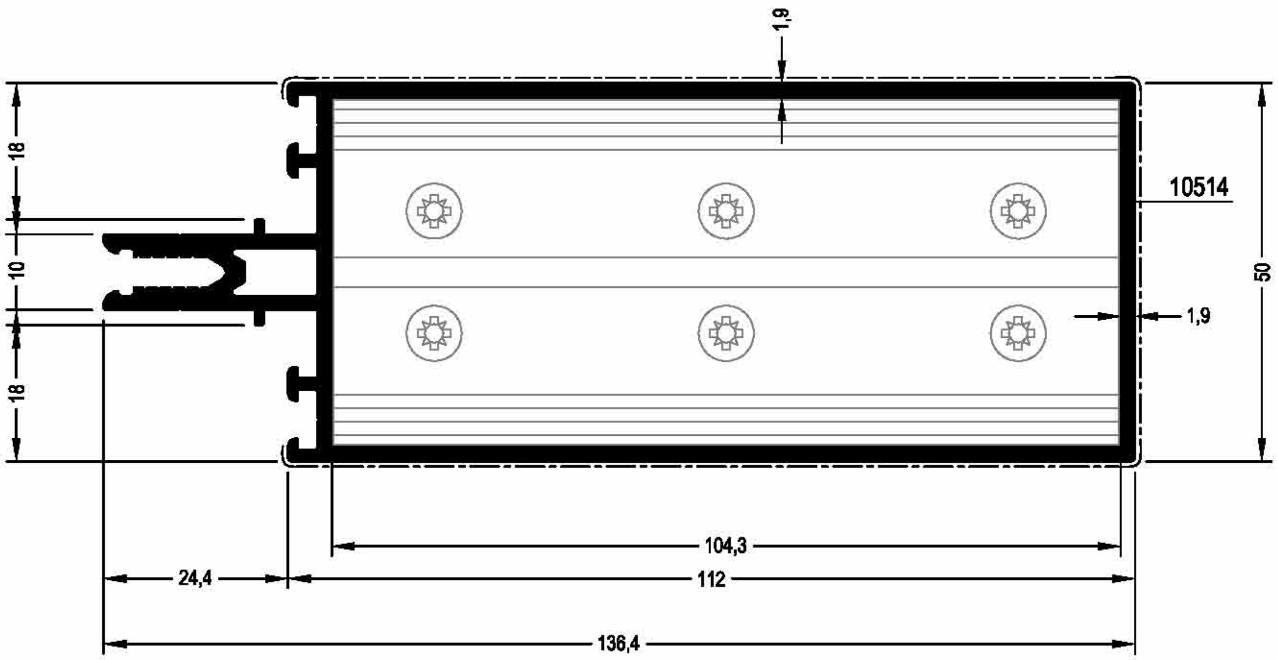
HORIZONTAL MULLION



HORIZONTAL MULLION		50 / 132		
PROFILE CODE		13TF07	THEORETICAL WEIGHT kg/mt	2.299
Jxx (cm4)	Jyy (cm4)	Coating Surface (cm) 10515	Covering Surface (cm) 10515	
222.217	32.754	50.079	31.902	

CONNECTION FOR HORIZONTAL	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)
1.alternative	13CFXX	25A1107	123.8
2.alternative	13CF05 + 13CF06	25A1307	123.8

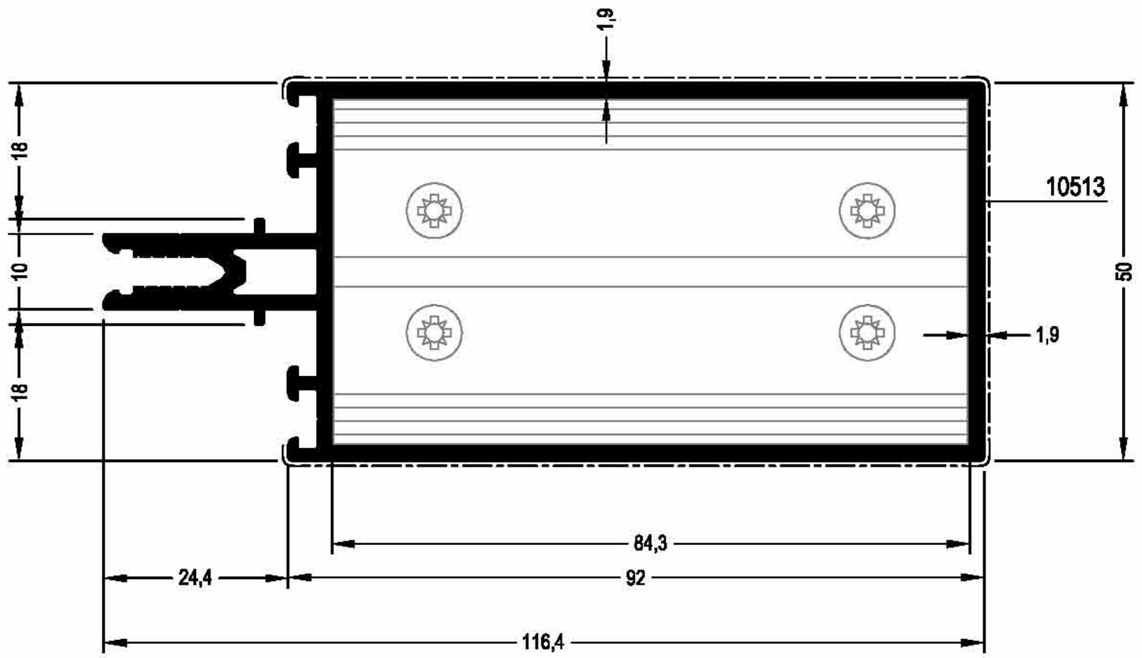
HORIZONTAL MULLION



HORIZONTAL MULLION 50 / 112				
PROFILE CODE		13TF06	THEORETICAL WEIGHT kg/mt	2.093
Jxx (cm4)	Jyy (cm4)	Coating Surface (cm) 10514	Covering Surface (cm) 10514	
152.789	28.356	46.079	27.902	

CONNECTION FOR HORIZONTAL	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)
1.alternative	13CFXX	25A1106	103.8
2.alternative	13CF05 + 13CF06	25A1306	103.8

HORIZONTAL MULLION

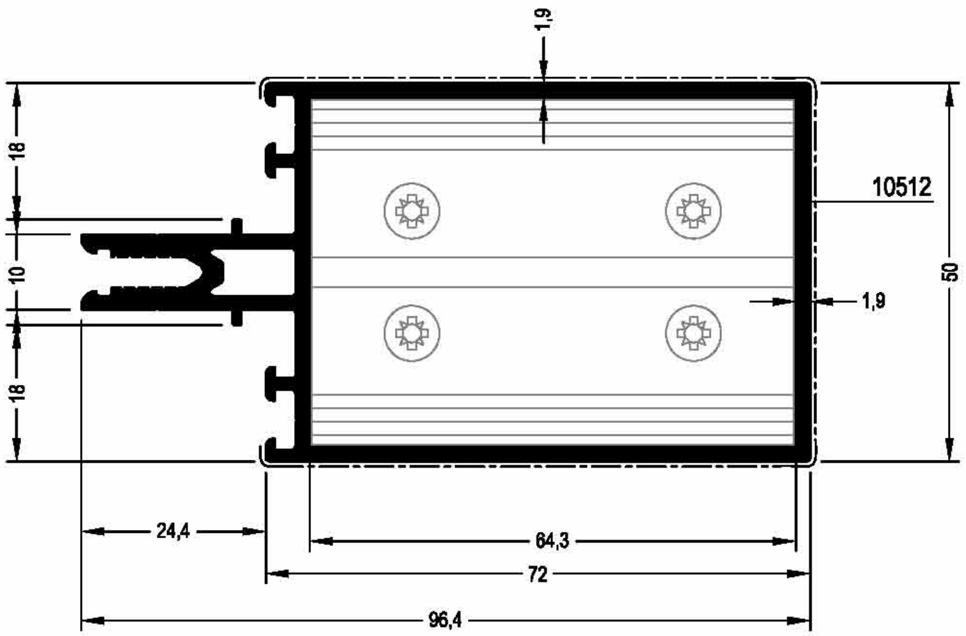


HORIZONTAL MULLION	50 / 92		
PROFILE CODE	13TF05	THEORETICAL WEIGHT kg/mt	1.887

Jxx (cm4)	Jyy (cm4)	Coating Surface (cm) 10513	Covering Surface (cm) 10513
98.697	23.958	42.079	23.902

CONNECTION FOR HORIZONTAL	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)
1.alternative	13CFXX	25A1105	83.8
2.alternative	13CF05 + 13CF06	25A1305	83.8

HORIZONTAL MULLION

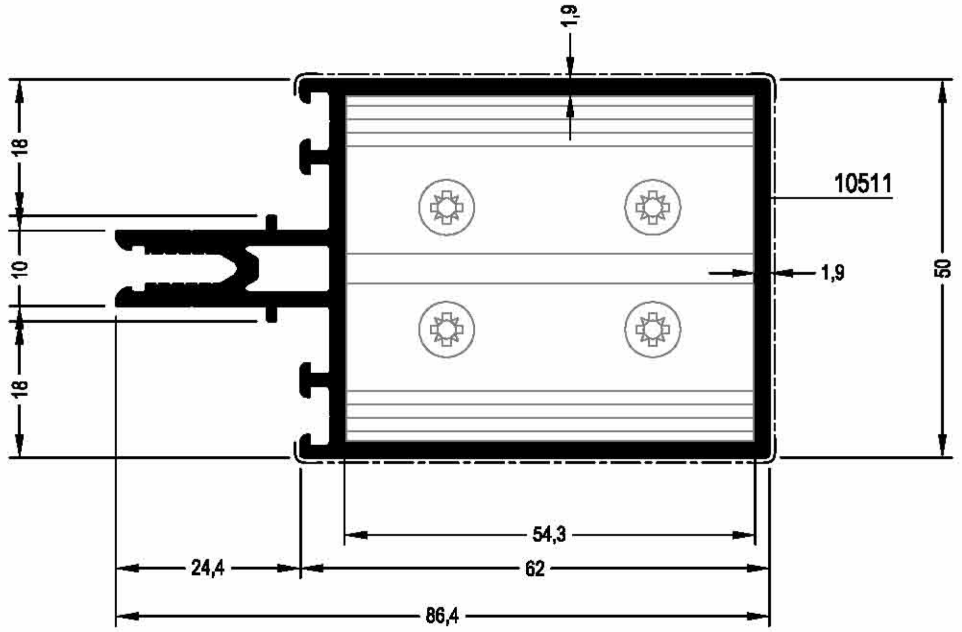


HORIZONTAL MULLION	50 / 72		
PROFILE CODE	13TF04	THEORETICAL WEIGHT kg/mt	1.681

Jxx (cm4)	Jyy (cm4)	Coating Surface (cm) 10512	Covering Surface (cm) 10512
58.382	19.559	38.079	19.902

CONNECTION FOR HORIZONTAL	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)
1.alternative	13CFXX	25A1104	63.8
2.alternative	13CF05 + 13CF06	25A1304	63.8

HORIZONTAL MULLION



HORIZONTAL MULLION	50 / 62		
PROFILE CODE	13TF03	THEORETICAL WEIGHT kg/mt	1.578

Jxx (cm4)	Jyy (cm4)	Coating Surface (cm) 10511	Covering Surface (cm) 10511
42.897	17.360	36.079	17.902

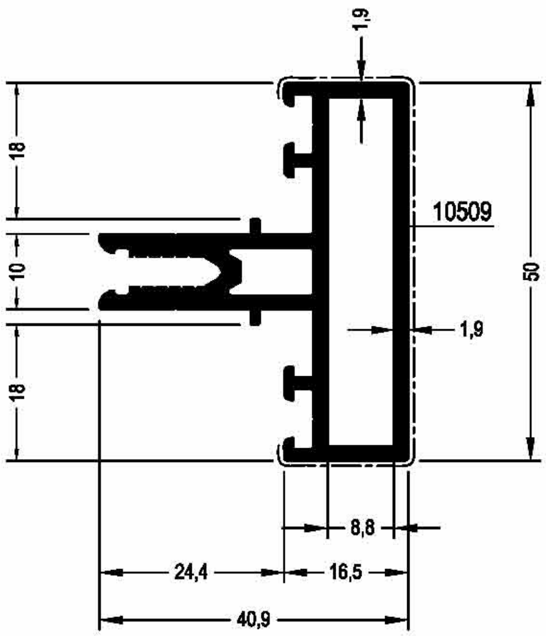
CONNECTION FOR HORIZONTAL	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)
1.alternative	13CFXX	25A1103	53.8
2.alternative	13CF05 + 13CF06	25A1303	53.8

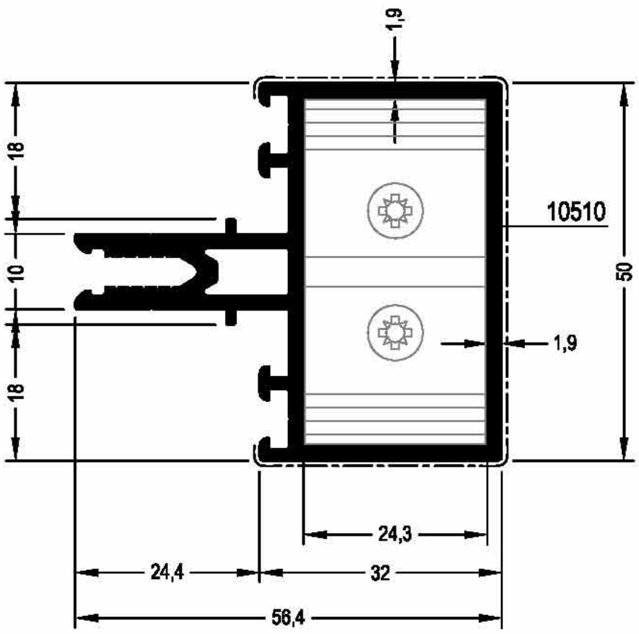
SYSTEM LEGEND 13'50 F

PROFILE

BRL® Aluminium System

HORIZONTAL MULLION





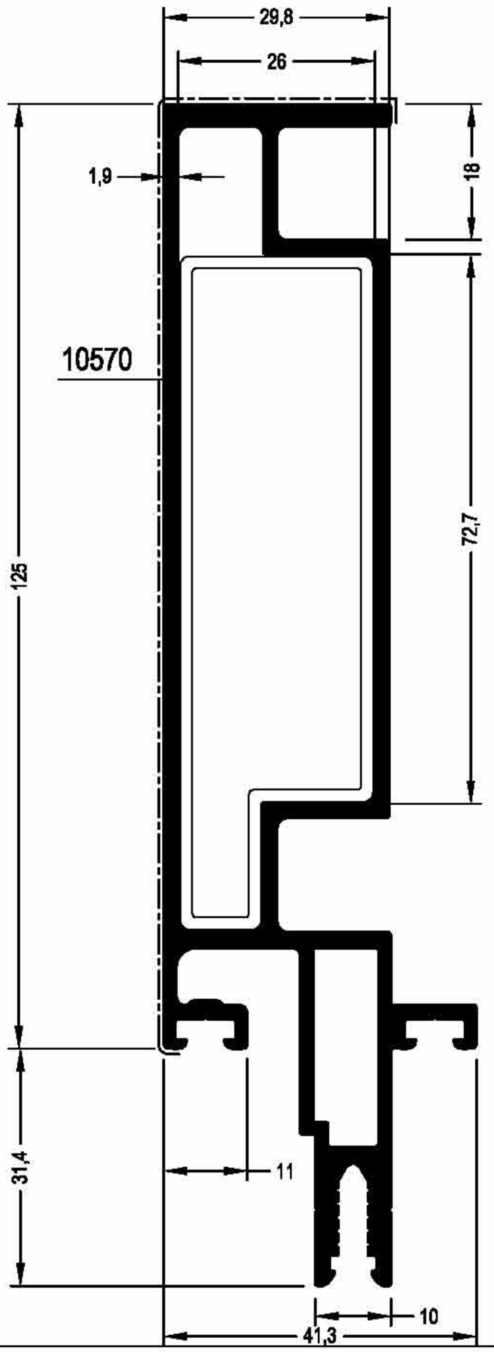
HORIZONTAL MULLION	50 / 16.5		
PROFILE CODE	13TF01	THEORETICAL WEIGHT kg/mt	1.109
Jxx (cm4)	Jyy (cm4)	Coating Surface (cm) 10509	Covering Surface (cm) 10509
5.297	7.355	26.979	8.802

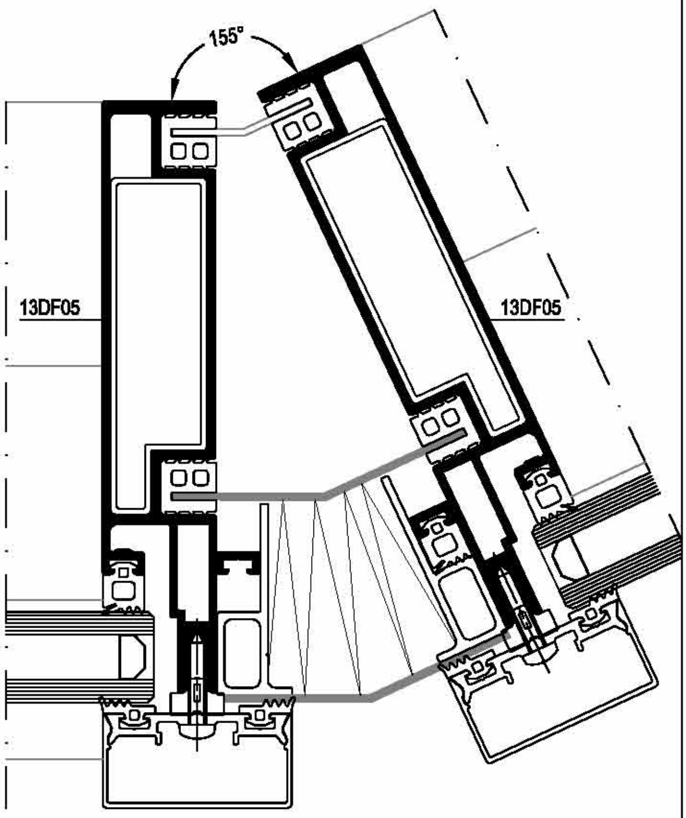
CONNECTION FOR HORIZONTAL	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)
1.alternative	—	—	—
2.alternative	—	—	—
	—	—	—

HORIZONTAL MULLION	50 / 32		
PROFILE CODE	13TF02	THEORETICAL WEIGHT kg/mt	1.269
Jxx (cm4)	Jyy (cm4)	Coating Surface (cm) 10510	Covering Surface (cm) 10510
12.708	10.763	30.079	11.902

CONNECTION FOR HORIZONTAL	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)
1.alternative	13CFxx	25A1102	23.8
2.alternative	13CF05 + 13CF06	25A1302	23.8

VERTICAL MULLION FOR DIFFERENT ANGLES





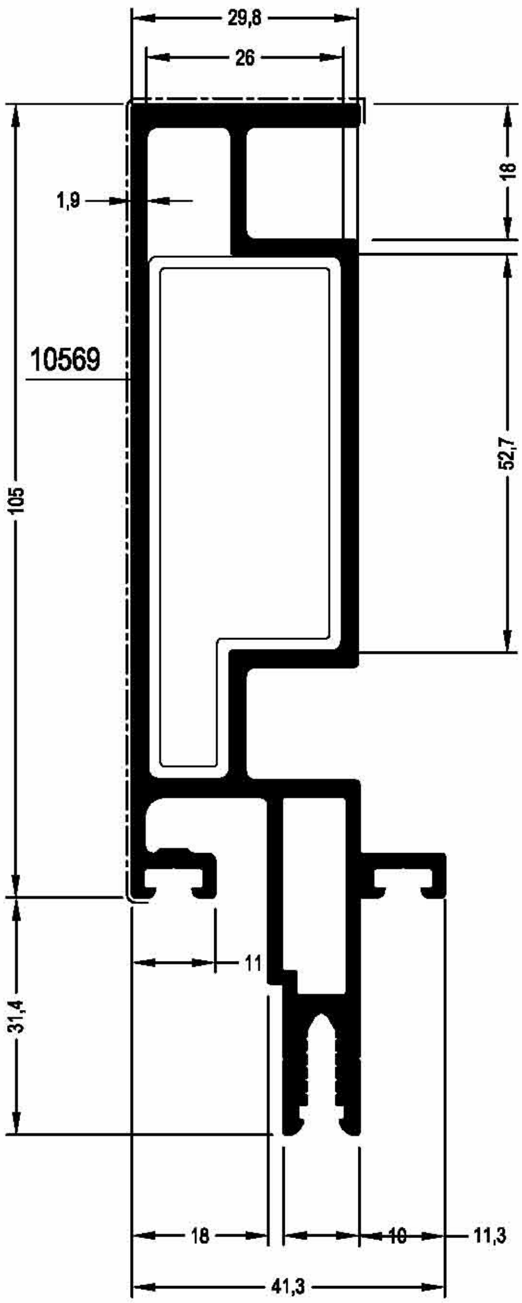
VERTICAL MULLION FOR ANGLES 41.3 / 125			
PROFILE CODE	13DF05	THEORETICAL WEIGHT kg/mt	2.485

Jxx (cm4)	Jyy (cm4)	Coating Surface (cm) 10570	Covering Surface (cm) 10570
218.432	12.558	55.501	16.061

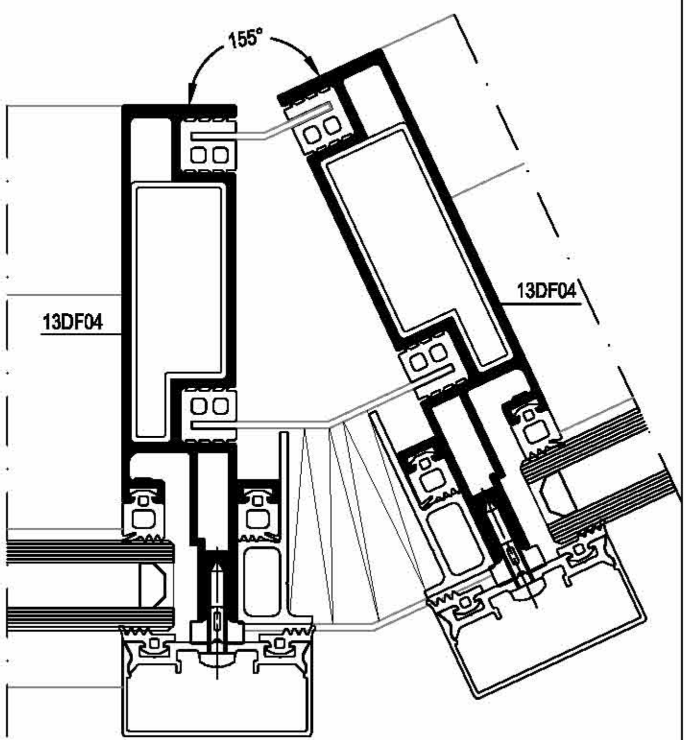
CONNECTION FOR VERTICLE	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)
	13CF02	25A1211	250

Scale : 1 / 2

VERTICAL MULLION FOR DIFFERENT ANGLES



Outside Angle : 90° and 180°



VERTICAL MULLION FOR ANGLES 41.3 / 105

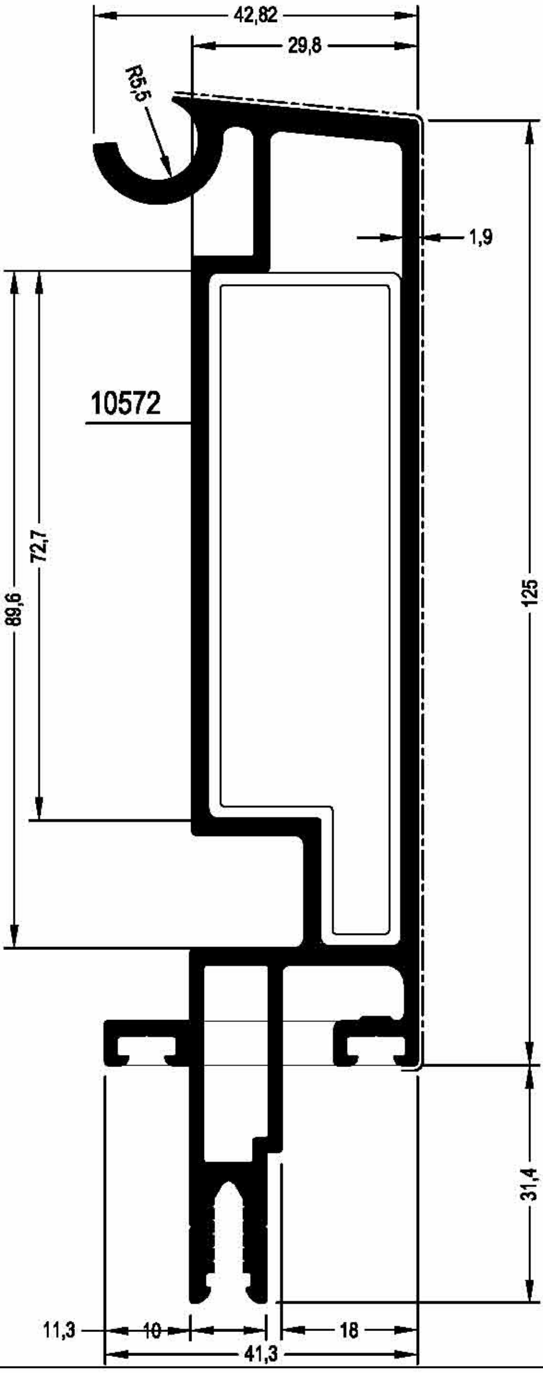
PROFILE CODE	13DF04	THEORETICAL WEIGHT kg/mt	2.279

Jxx (cm4)	Jyy (cm4)	Coating Surface (cm) 10569	Covering Surface (cm) 10569
147.936	11.048	51.501	14.061

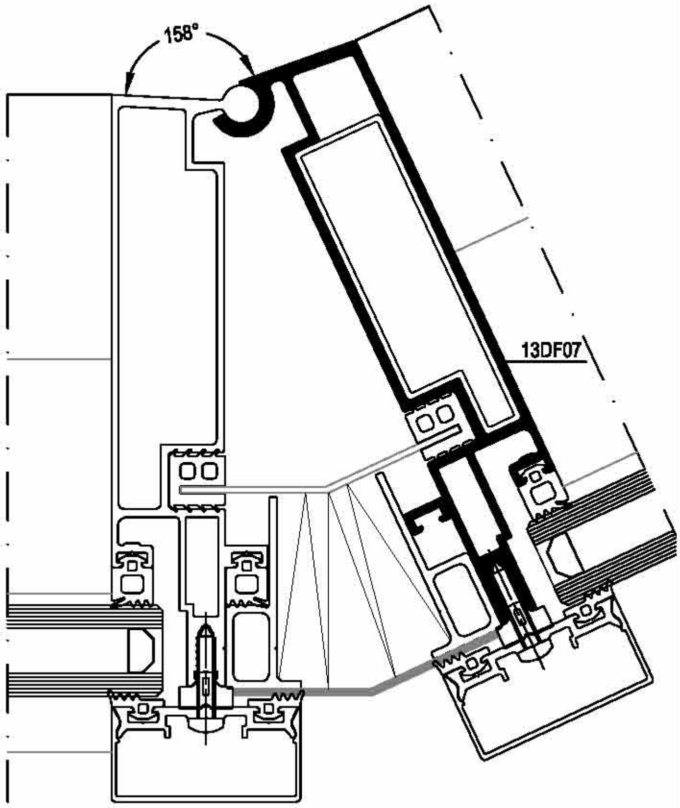
CONNECTION FOR VERTICLE	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)
	13CF01	25A1210	250

Scale : 1 / 2

VERTICAL MULLION FOR DIFFERENT ANGLES



Outside Angle : 90° and 170°



VERTICAL MULLION FOR ANGLES 41.3 / 125

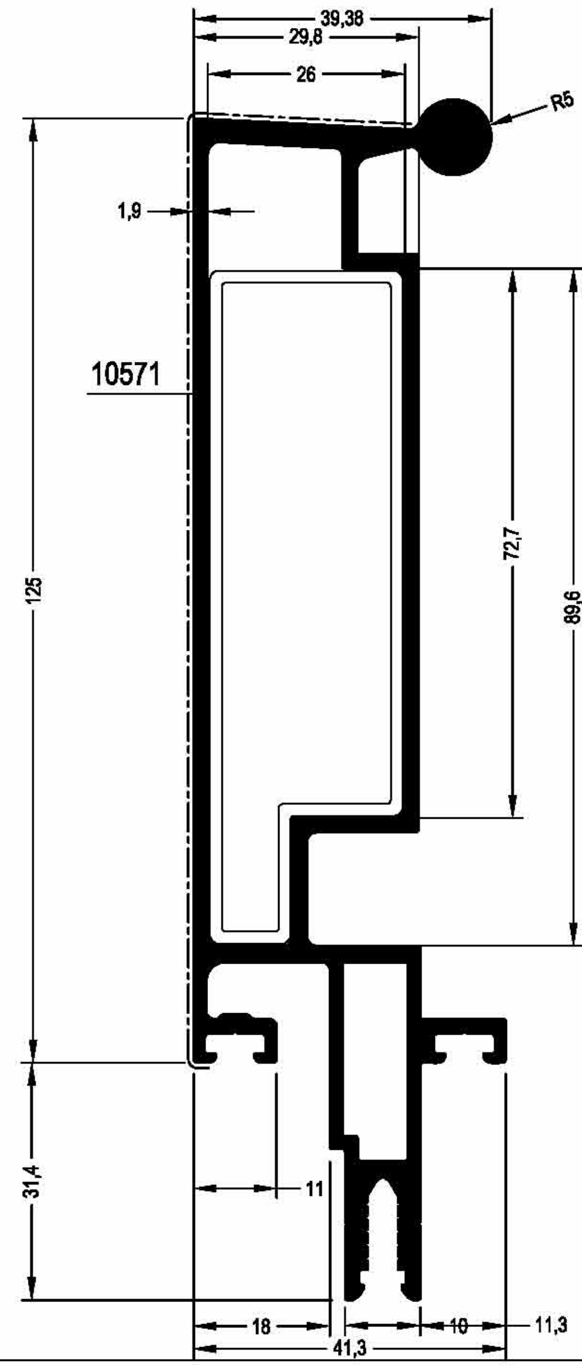
PROFILE CODE	13DF07	THEORETICAL WEIGHT kg/mt	2.661

Jxx (cm4)	Jyy (cm4)	Coating Surface (cm) 10572	Covering Surface (cm) 10572
254.898	14.539	59.361	15.970

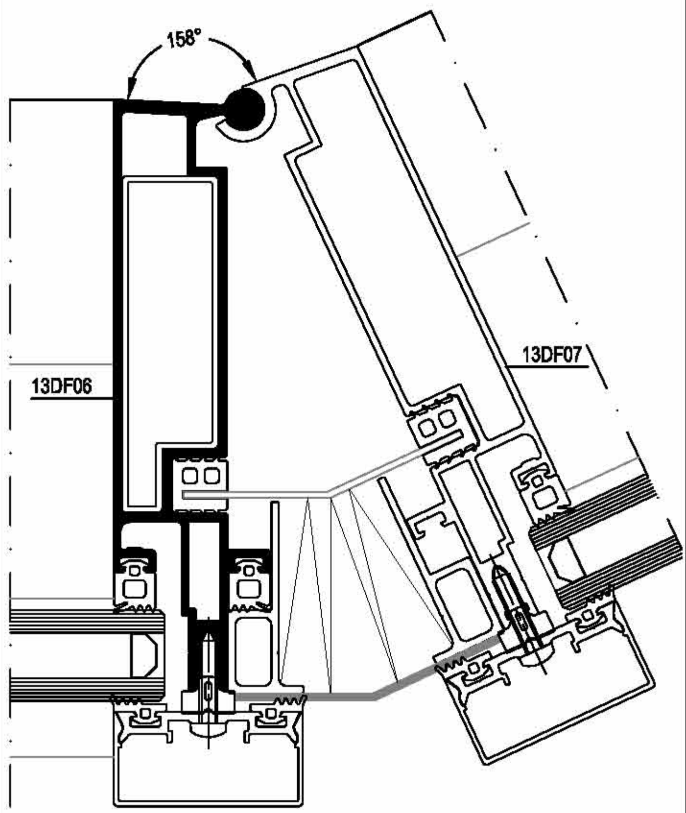
CONNECTION FOR VERTICLE	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)
	13CF02	25A1211	250

Scale : 1 / 2

VERTICAL MULLION FOR DIFFERENT ANGLES



Outside Angle : 90° and 170°



VERTICAL MULLION FOR ANGLES 41.3 / 125

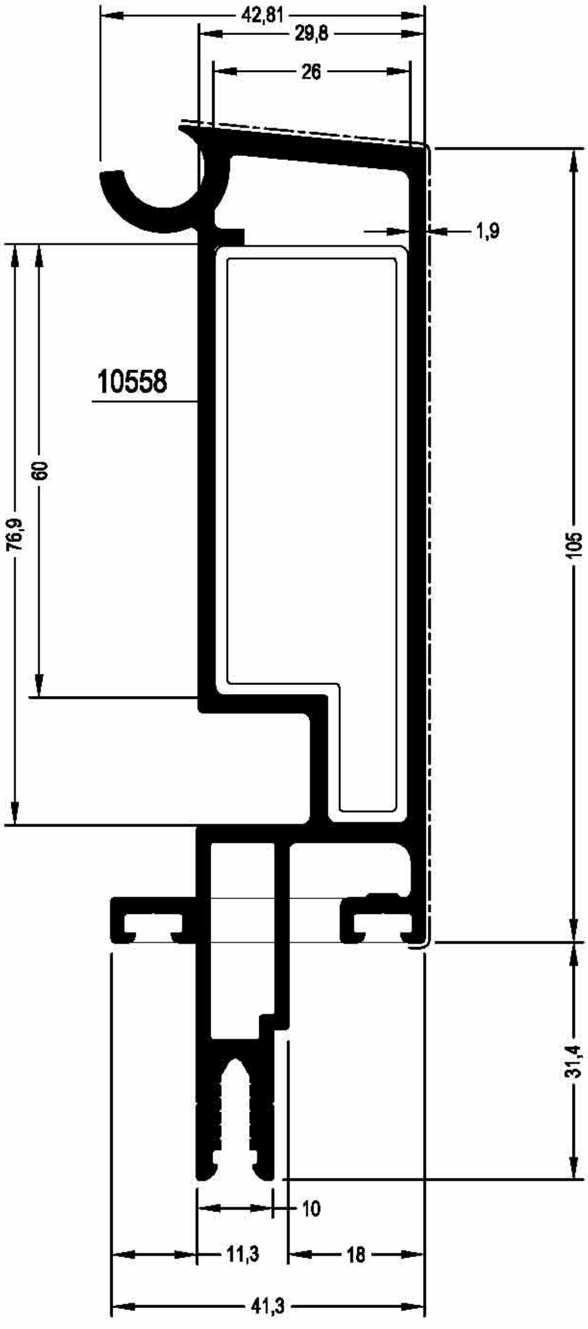
PROFILE CODE	13DF06	THEORETICAL WEIGHT kg/mt
		2.660

Jxx (cm4)	Jyy (cm4)	Coating Surface (cm) 10571	Covering Surface (cm) 10571
255.634	14.761	56.521	15.625

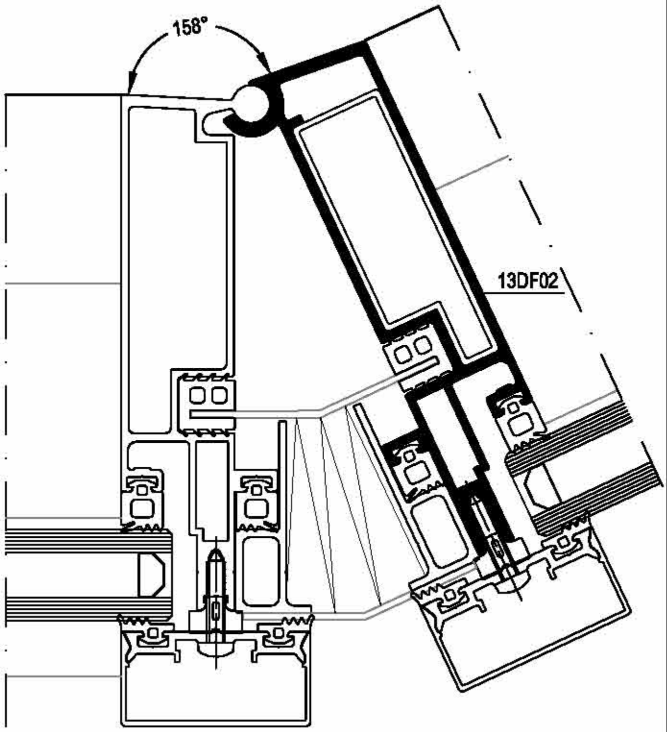
CONNECTION FOR VERTICLE	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)
	13CF02	25A1211	250

Scale : 1 / 2

VERTICAL MULLION FOR DIFFERENT ANGLES



Outside Angle : 90° and 170°



VERTICAL MULLION FOR ANGLES 41.3 / 105

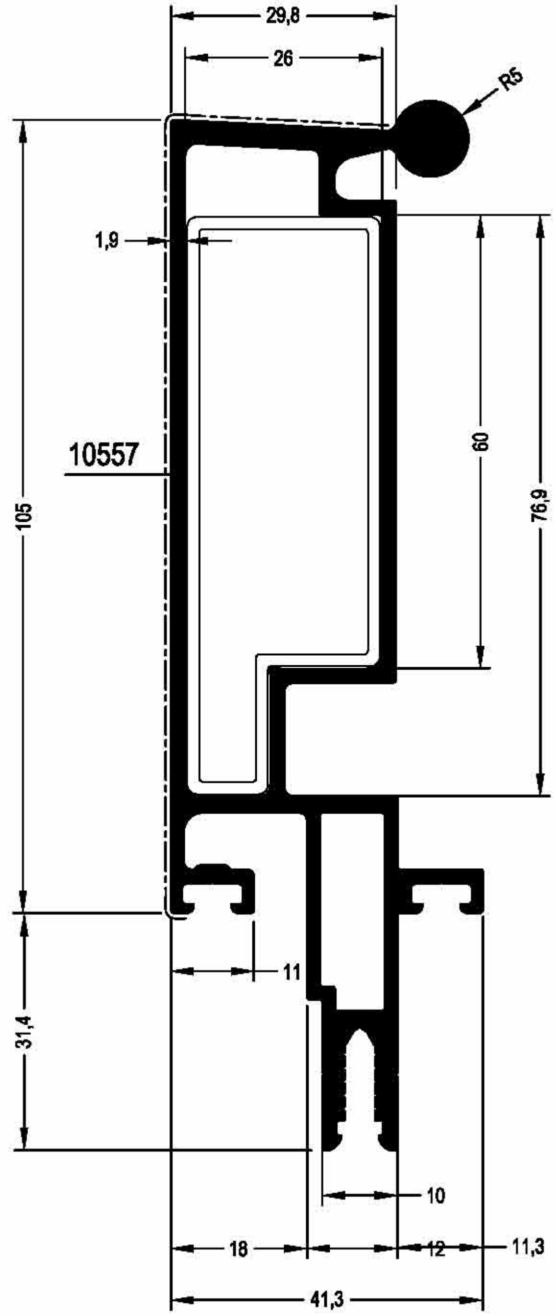
PROFILE CODE	13DF02	THEORETICAL WEIGHT kg/mt
		2.390

Jxx (cm4)	Jyy (cm4)	Coating Surface (cm) 10558	Covering Surface (cm) 10558
167.892	13.135	52.228	13.971

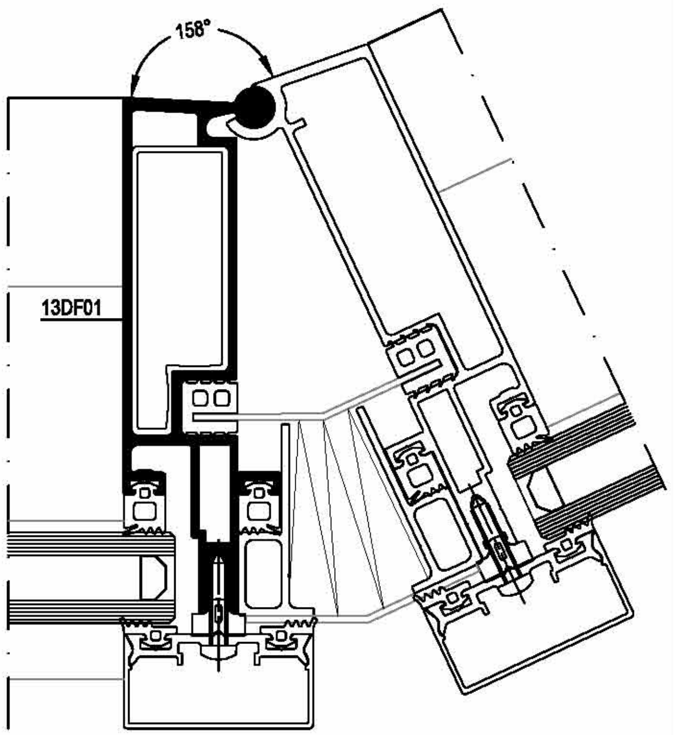
CONNECTION FOR VERTICLE	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)
	13CF03	25A1209	250

Scale : 1 / 2

VERTICAL MULLION FOR DIFFERENT ANGLES



Outside Angle : 90° and 170°



VERTICAL MULLION FOR ANGLES 41.3 / 105

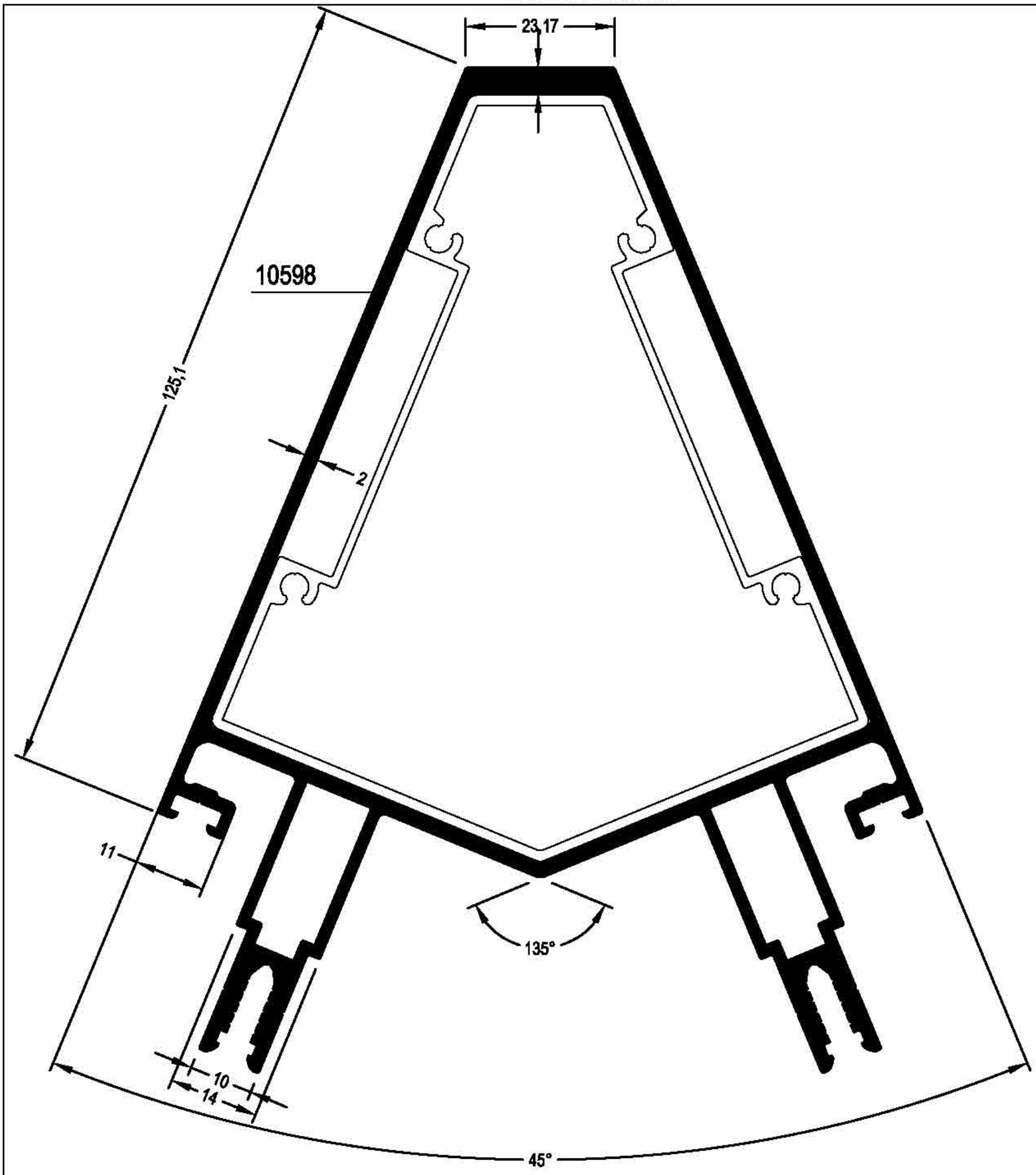
PROFILE CODE	13DF01	THEORETICAL WEIGHT kg/mt
		2.456

Jxx (cm4)	Jyy (cm4)	Coating Surface (cm) 10557	Covering Surface (cm) 10557
176.532	13.329	52.423	13.625

CONNECTION FOR VERTICLE	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)
	13CF03	25A1209	250

Scale : 1 / 2

VERTICAL MULLION

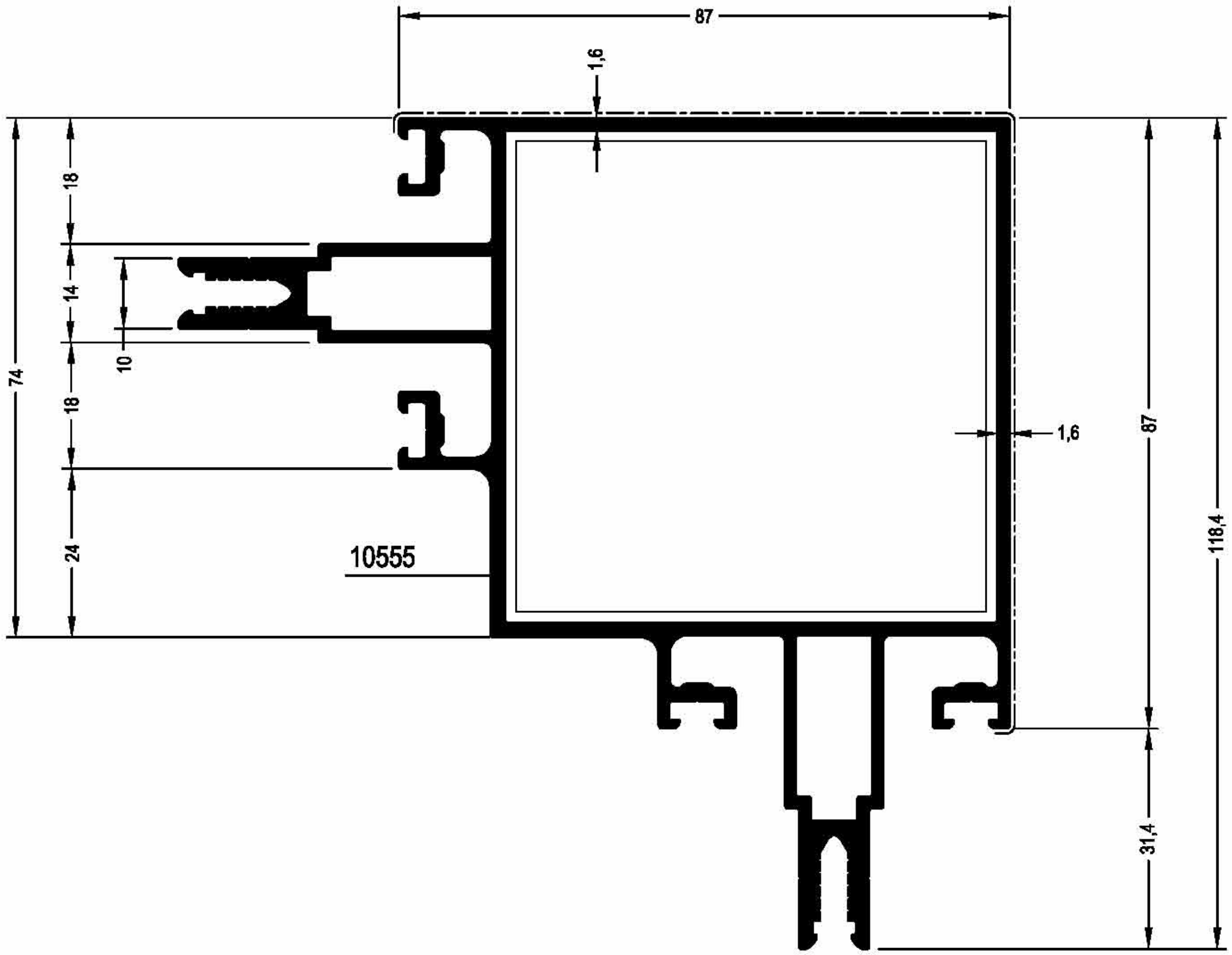


VERTICAL MULLION FOR 135° CORNER		125.1	
PROFILE CODE	13DF08	THEORETICAL WEIGHT kg/mt	3.441

Jxx (cm4)	Jyy (cm4)	Coating Surface (cm) 10598	Covering Surface (cm) 10598
278.698	172.253	72.444	28.814

CONNECTION FOR VERTICLE	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)
	13CF16	25A1213	250

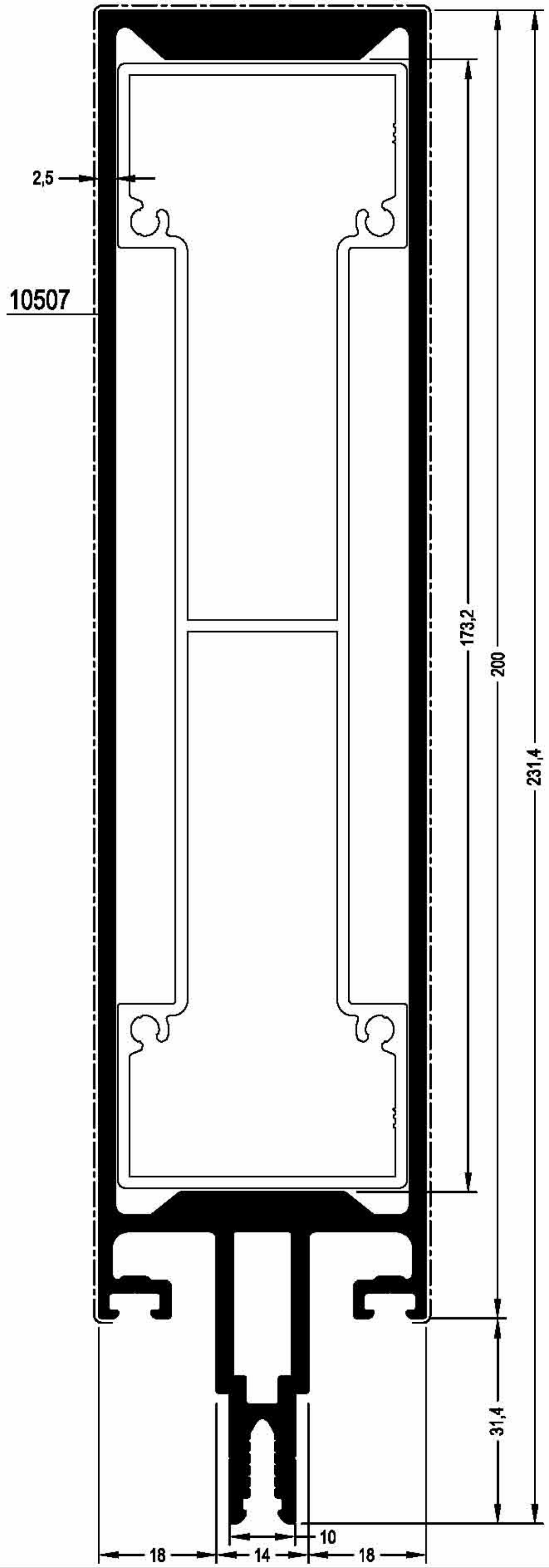
VERTICAL MULLION



VERTICAL MULLION FOR 90° CORNER		50 / 87	
PROFILE CODE		13DF03	THEORETICAL WEIGHT kg/mt: 2.961
Jxx (cm4)	Jyy (cm4)	Coating Surface (cm) 10555	Covering Surface (cm) 10555
134.845	134.845	76.487	17.876

CONNECTION FOR VERTICLE	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)
	578	—	250

VERTICAL MULLION



VERTICAL MULLION	50 / 200	
PROFILE CODE	13MF08	THEORETICAL WEIGHT kg/mt: 4.487

Jxx (cm4)	Jyy (cm4)	Coating Surface (cm) 10507	Covering Surface (cm) 10507
1077.289	64.691	70.790	45.504

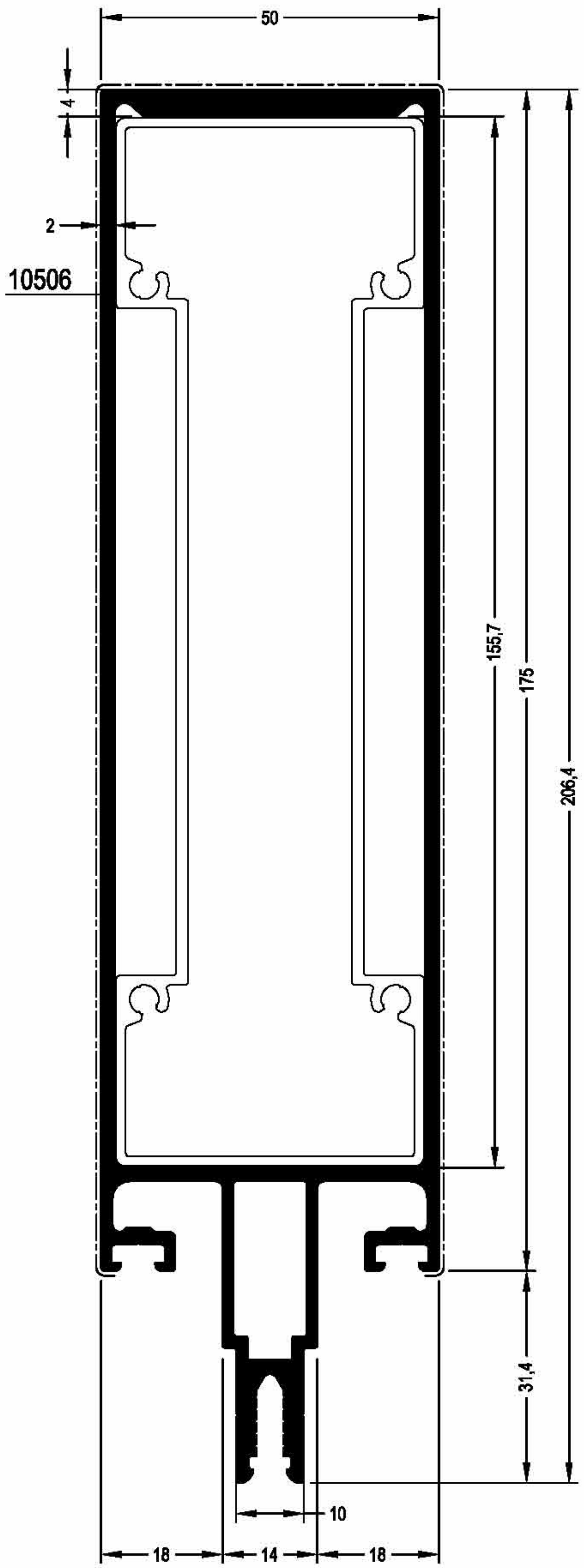
	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)
CONNECTION FOR VERTICLE	13CF14	25A1208	250

Aluminium System

SYSTEM LEGEND 13'50 F

PROFILE

VERTICAL MULLION

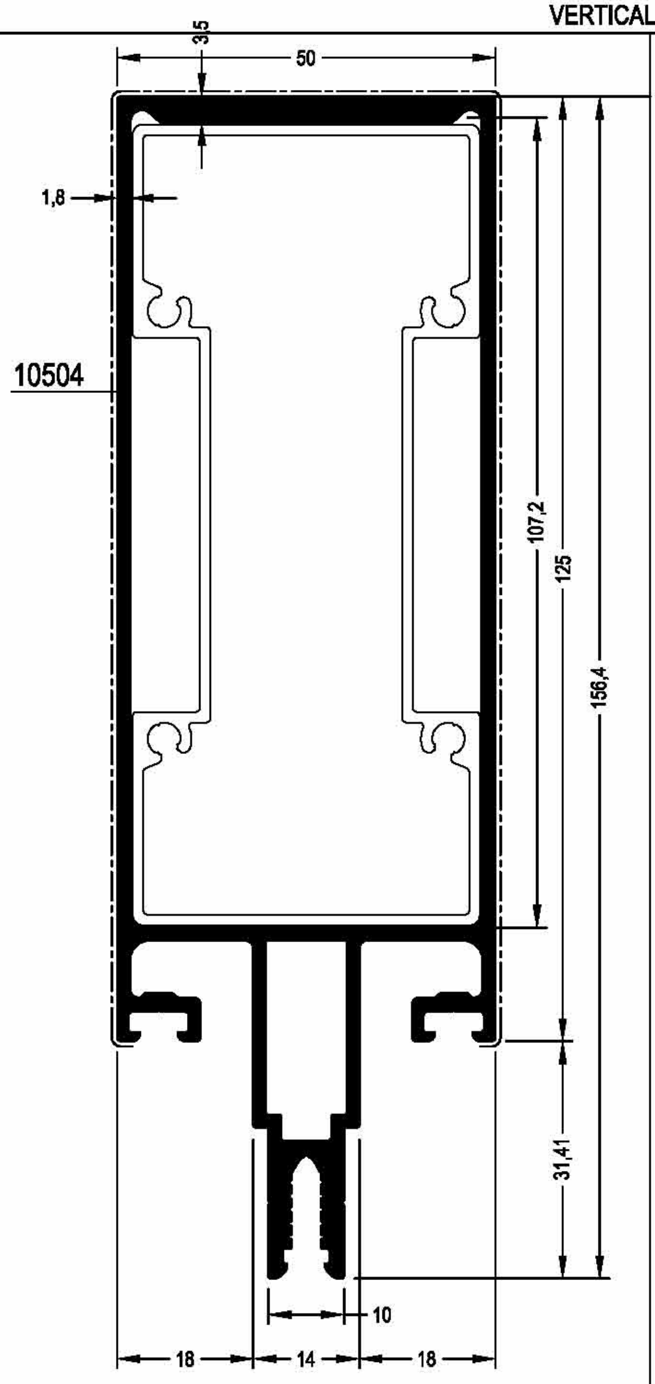


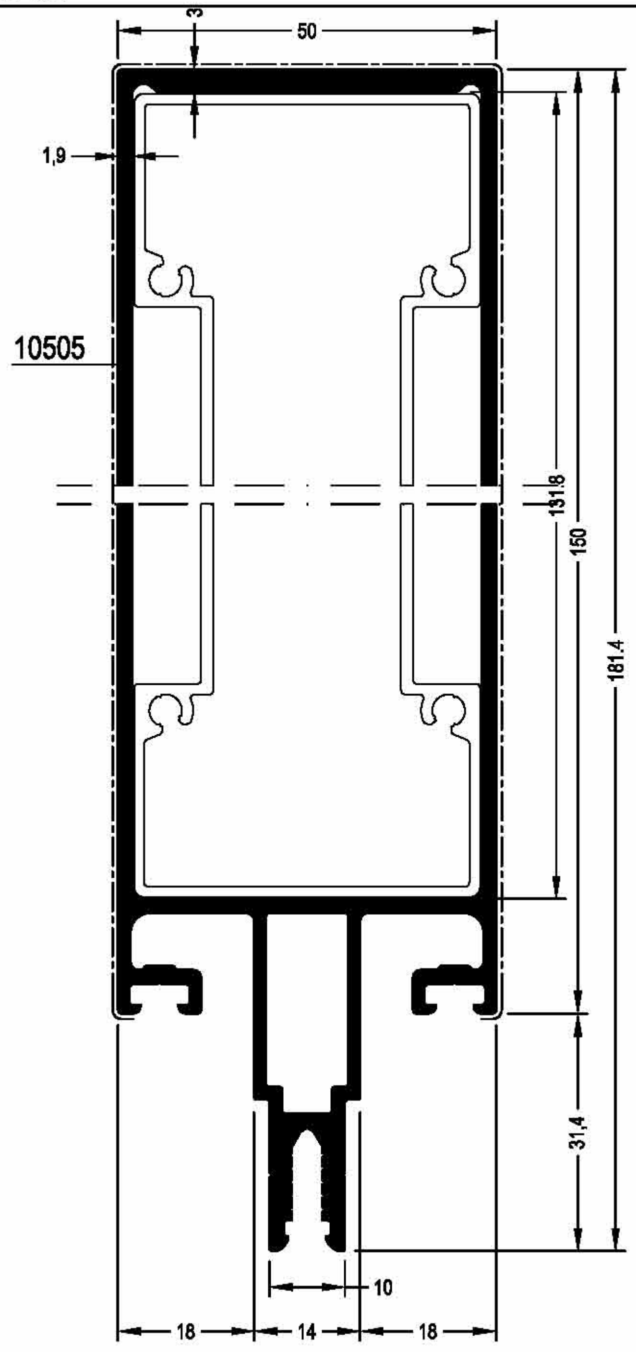
VERTICAL MULLION	50 / 175		
PROFILE CODE	13MF07	THEORETICAL WEIGHT kg/mt	3.308

Jxx (cm4)	Jyy (cm4)	Coating Surface (cm) 10506	Covering Surface (cm) 10506
571.901	46.774	65.889	40.502

	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)
CONNECTION FOR VERTICLE	13CF13	25A1207	250

VERTICAL MULLION





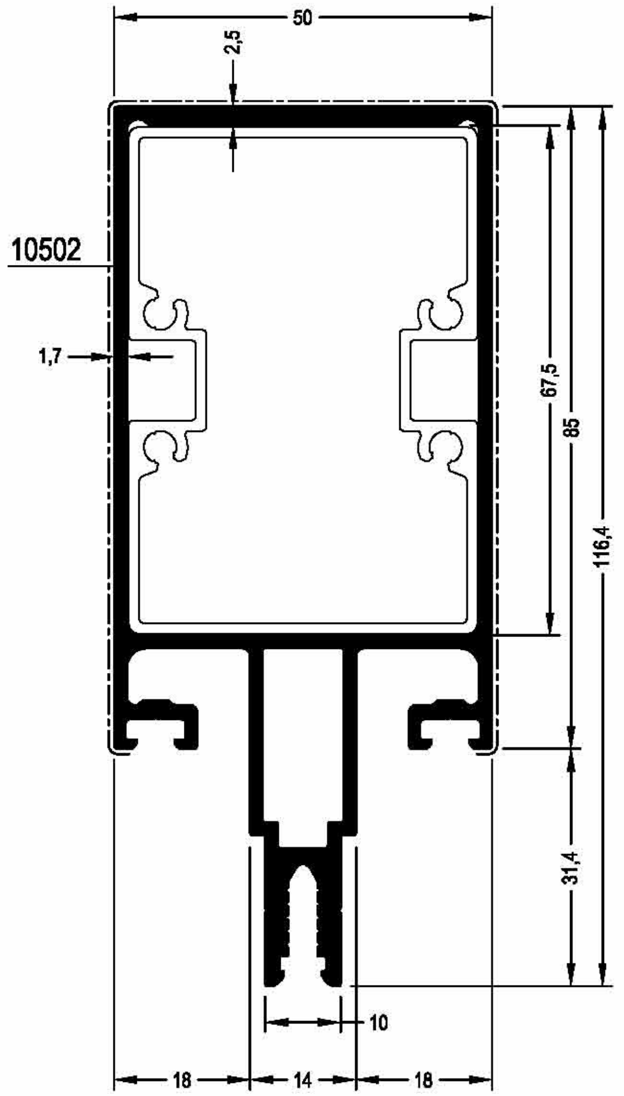
VERTICAL MULLION 50 / 125				
PROFILE CODE		13MF05	THEORETICAL WEIGHT kg/mt	2.570
Jxx (cm4)	Jyy (cm4)	Coating Surface (cm) 10504	Covering Surface (cm) 10504	
251.290	32.511	55.889	30.502	

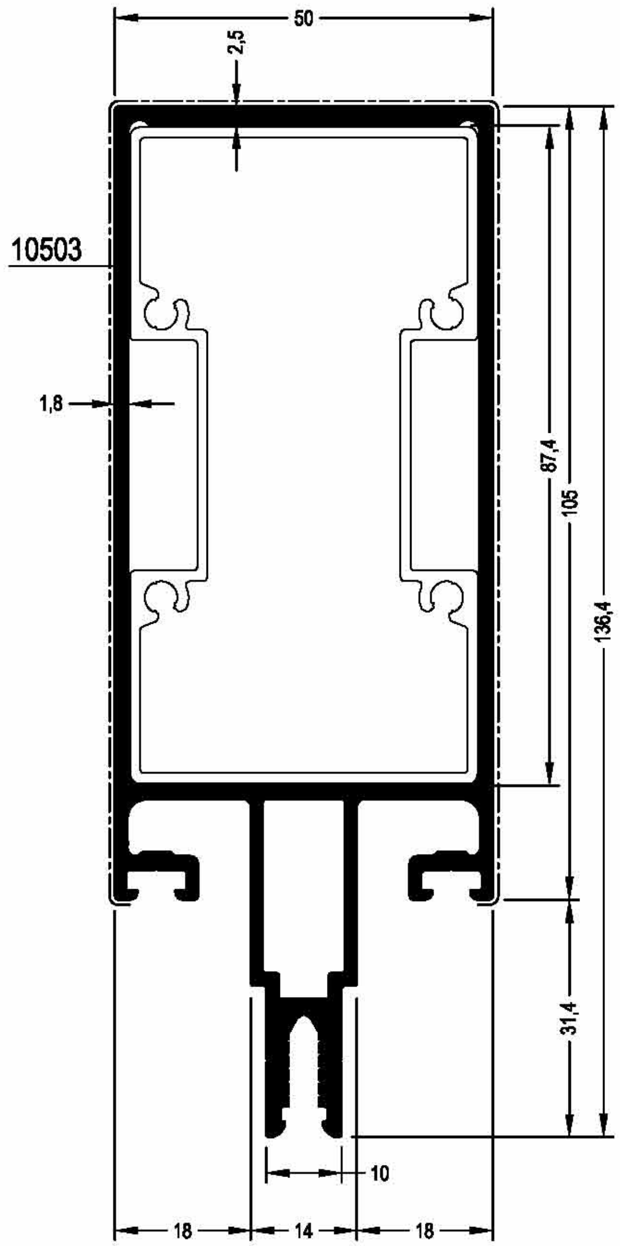
CONNECTION FOR VERTICLE	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)
	13CF11	25A1205	250

VERTICAL MULLION 50 / 150				
PROFILE CODE		13MF06	THEORETICAL WEIGHT kg/mt	2.847
Jxx (cm4)	Jyy (cm4)	Coating Surface (cm) 10505	Covering Surface (cm) 10505	
367.866	39.202	60.889	35.502	

CONNECTION FOR VERTICLE	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)
	13CF12	25A1206	250

VERTICAL MULLION





VERTICAL MULLION 50 / 85			
PROFILE CODE	13MF03	THEORETICAL WEIGHT kg/mt	2.022

Jxx (cm4)	Jyy (cm4)	Coating Surface (cm) 10502	Covering Surface (cm) 10502
98.913	22.785	47.889	22.502

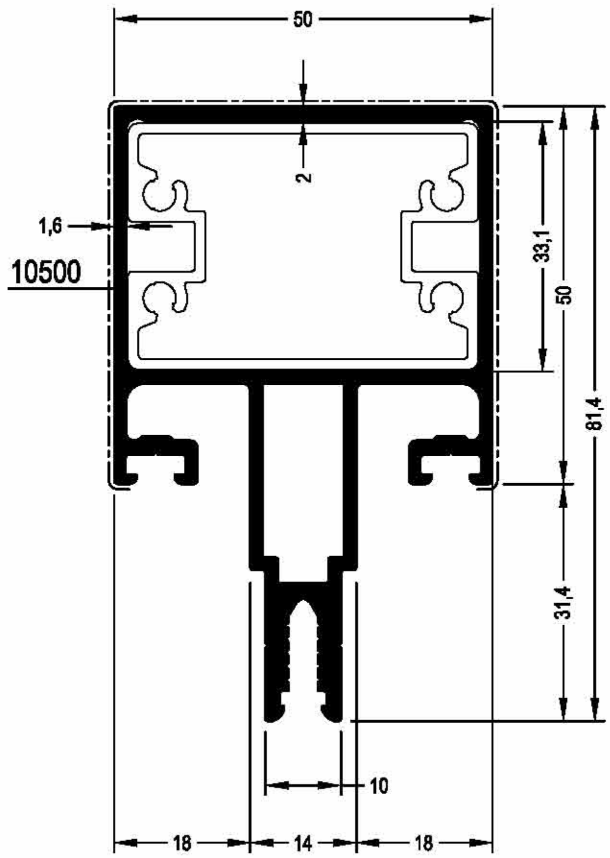
CONNECTION FOR VERTICLE	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)
	13CF09	25A1203	250

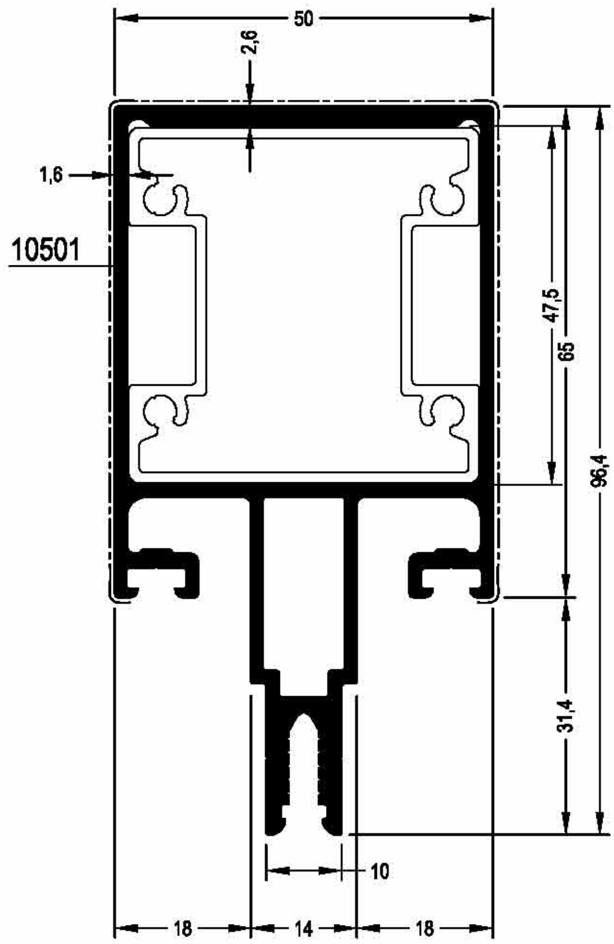
VERTICAL MULLION 50 / 105			
PROFILE CODE	13MF04	THEORETICAL WEIGHT kg/mt	2.268

Jxx (cm4)	Jyy (cm4)	Coating Surface (cm) 10503	Covering Surface (cm) 10503
156.433	27.810	51.889	26.502

CONNECTION FOR VERTICLE	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)
	13CF10	25A1204	250

VERTICAL MULLION





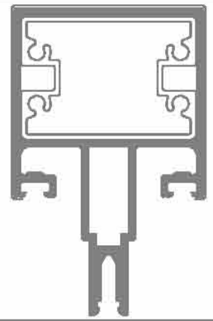
VERTICAL MULLION	50 / 50				
PROFILE CODE		13MF01		THEORETICAL WEIGHT kg/mt	1.607
Jxx (cm4)	Jyy (cm4)	Coating Surface (cm) 10500	Covering Surface (cm) 10500		
33.653	15.001	40.929	15.502		

CONNECTION FOR VERTICLE	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)
	13CF07	25A1201	250

VERTICAL MULLION	50 / 65				
PROFILE CODE		13MF02		THEORETICAL WEIGHT kg/mt	1.804
Jxx (cm4)	Jyy (cm4)	Coating Surface (cm) 10501	Covering Surface (cm) 10501		
58.388	18.160	43.929	18.502		

CONNECTION FOR VERTICLE	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)
	13CF08	25A1202	250

b - PROFILE



VERTICAL MULLION	50 / 50		
PROFILE CODE	13MF01	THEORETICAL WEIGHT kg/mt	1.607
Jxx (cm4)	Jyy (cm4)	Coating Surface (cm) 10500	Covering Surface (cm) 10500
33.653	15.001	40.929	15.502

CONNECTION FOR VERTICLE	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)
	13CF07	25A1201	250

* The weights are theoretical of presed profiles.

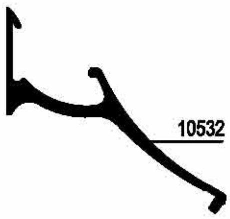
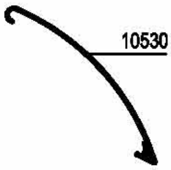
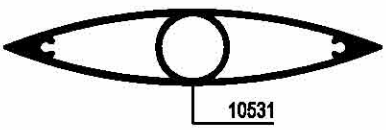
* When profiles are powder coated weight may increase by % 4 .

* Unless otherwise indicated , all dimensions in this catalogue are ± 0.1 mm and weights may vary by % 4 .

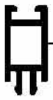
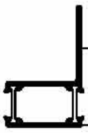
SYSTEM LEGEND 13'50 F

PROFILE LIST

TECHNICAL INFORMATION

CATAL. PAGE	NR	PROFILE	DESCRIPTION	THEORETICAL WEIGHT kg/mt	Statics		Surfaces		L m
					Jxx (cm4)	Jyy (cm4)	Coating Surface (cm)	Covering Surface (cm)	
047.b	15CS01	 10532	SOLAR SHADING 115.3 / 107.8	2.554	------	-----	43.590	------	6.00
046.b	15PS01	 10530	SOLAR SHADING 112.8	0.622	------	-----	26.510	------	6.00
048.b	15FS01	 10533	SOLAR SHADING 5.8 / 31.2	0.371	------	-----	7.087	------	6.00
045.b	15PS02	 10531	SOLAR SHADING 100 / 20	1.086	------	-----	20.881	------	6.00

TECHNICAL INFORMATION

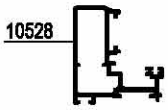
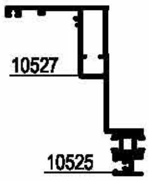
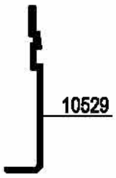
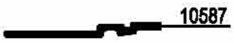
CATAL. PAGE	NR	PROFILE	DESCRIPTION	THEORETICAL WEIGHT kg/mt	Statics Jxx (cm4)	Jyy (cm4)	Surfaces Coating Surface (cm)	Covering Surface (cm)	L m
043.b	13AF02	 10556	GLAZING BEAD PROFILE 11 / 10	0.188	------	------	8.606	2.256	6.00
043.b	13AF03	 10573	GLAZING BEAD PROFILE 11 / 15.8	0.213	------	------	9.566	3.406	6.00
043.b	13AF04	 10574	GLAZING BEAD PROFILE 11 / 19.8	0.239	------	------	10.366	4.206	6.00
043.b	13AF05	 10575	GLAZING BEAD PROFILE 11 / 28.8	0.297	------	------	12.166	6.006	6.00
044.b	13BF01	 10576 10577	ADAPTERS 40 / 64	1.032	13.026	9.074	30.110	4.208	6.00

Aluminium System

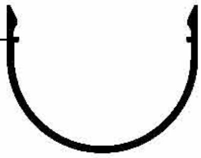
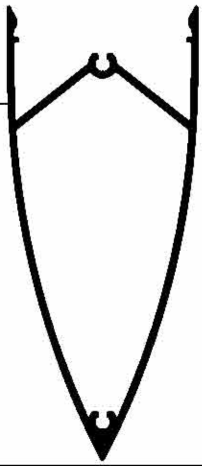
SYSTEM LEGEND 13'50 F

PROFILE LIST

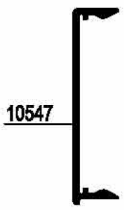
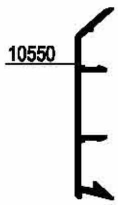
TECHNICAL INFORMATION

CATAL. PAGE	NR	PROFILE	DESCRIPTION	THEORETICAL WEIGHT kg/mt	Statics		Surfaces		L m
					Jxx (cm4)	Jyy (cm4)	Coating Surface (cm)	Covering Surface (cm)	
040.b	13VF03		VENT PROFILE 46.1 / 51.4	0.953	9.072	7.460	30.564	7.716	6.00
040.b	13HF02		FRAME PROFILE 54 / 89.2	1.279	50.327	15.331	33.565	10.567	6.00
041.b	13RF02	 * black anodized	RETAINING PROFILE 10 / 44	0.212	------	------	11.389	------	6.00
041.b	13RF05	 * black anodized	RETAINING PROFILE 41.5 / 4	0.199	------	------	9.185	------	6.00
042.b	13AF01	 * black anodized	BONNING PROFILE 22.7 / 5.7	0.139	------	------	6.665	------	6.00
042.b	14IW01		SLIDING ROAD PROFILE 19.5 / 4.5	0.105	------	------	5.198	------	6.00

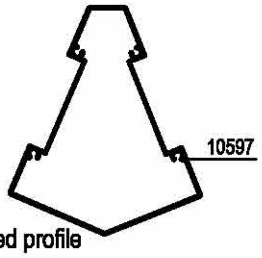
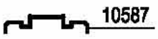
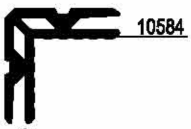
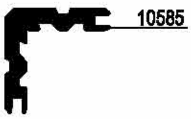
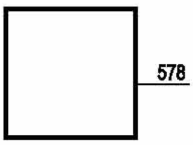
TECHNICAL INFORMATION

CATAL. PAGE	NR	PROFILE	DESCRIPTION	THEORETICAL WEIGHT kg/mt	Statics Jxx (cm4)	Jyy (cm4)	Surfaces Coating Surface (cm)	Covering Surface (cm)	L m
036.b	13PF07	10549 	COVER CAPS 50 / 25	0.363	------	------	13.379	10.247	6.00
037.b	13PF09	10551 	COVER CAPS 50 / 38.6	0.407	------	------	21.023	10.908	6.00
038.b	13PF10	10552 	COVER CAPS 50 / 120	1.350	------	------	38.258	24.889	6.00
039.b	13PF11	10553 	COVER CAPS 52.3 / 7.6	0.534	------	------	13.619	6.073	6.00
039.b	13PF12	10554 	COVER CAPS 50 / 30	0.723	------	------	23.603	16.331	6.00

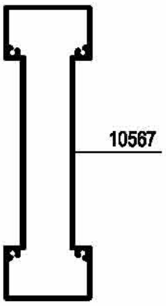
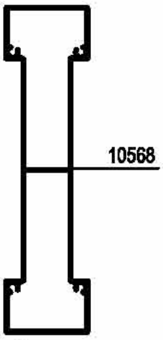
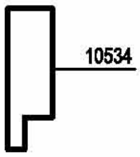
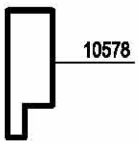
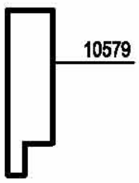
TECHNICAL INFORMATION

CATAL. PAGE	NR	PROFILE	DESCRIPTION	THEORETICAL WEIGHT kg/mt	Statics Jxx (cm4)	Statics Jyy (cm4)	Surfaces Coating Surface (cm)	Surfaces Covering Surface (cm)	L m
034.b	13PF01	 * pressed profile	PRESSURE PLATES 47 / 8.1	0.438	------	------	------	------	6.00
034.b	13PF02	 * pressed profile	PRESSURE PLATES 50.2 / 8.1	0.406	------	------	------	------	6.00
035.b	13PF03	 * pressed profile	PRESSURE PLATES 47 / 8.1	0.417	------	------	------	------	6.00
035.b	13PF04	 * pressed profile	PRESSURE PLATES 50.2 / 8.1	0.412	------	------	------	------	6.00
036.b	13PF05		COVER CAPS 12 / 51.5	0.288	------	------	14.778	6.597	6.00
036.b	13PF06		COVER CAPS 50 / 15	0.301	------	------	15.704	7.993	6.00
036.b	13PF08		COVER CAPS 10 / 50.3	0.284	------	------	10.476	5.669	6.00

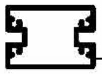
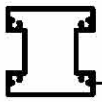
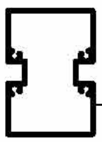
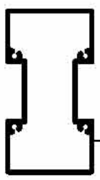
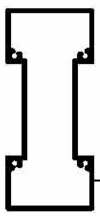
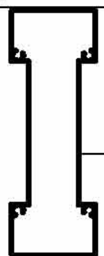
TECHNICAL INFORMATION

CATAL. PAGE	NR	PROFILE (X–X, Y–Y)	DESCRIPTION	THEORETICAL WEIGHT kg/mt	Statics Jxx (cm4)	Statics Jyy (cm4)	Surfaces Coating Surface (cm)	Surfaces Covering Surface (cm)	L m ⟷
031.b	13CF16	 * pressed profile	VERTICAL CONNECTION 101.7 / 108.6	1.659	------	------	------	------	6.00
032.b	13CF15	 * pressed profile	VERTICAL CONNECTION 44.2 / 10	0.667	------	------	------	------	6.00
033.b	14LW13	 * pressed profile	CORNER CLEATS 15 / 60	2.488	------	------	------	------	6.00
033.b	14LW14	 * pressed profile	CORNER CLEATS 11.1 / 55	2.420	------	------	------	------	6.00
032.b	578	 * pressed profile	BOX PROFILE 70 / 70	1.114	------	------	------	------	6.00

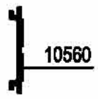
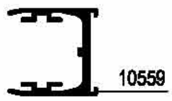
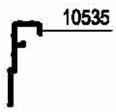
TECHNICAL INFORMATION

CATAL. PAGE	NR	PROFILE (X–X / Y–Y)	DESCRIPTION	THEORETICAL WEIGHT kg/mt	Statics: Jxx (cm4)	Statics: Jyy (cm4)	Surfaces: Coating Surface (cm)	Surfaces: Covering Surface (cm)	L m ⟷
027.b	13CF13	 * pressed profile	VERTICAL CONNECTION 45.5 / 155.2	2.011	-----	-----	-----	-----	6.00
028.b	13CF14	 * pressed profile	VERTICAL CONNECTION 44.2 / 172	2.467	-----	-----	-----	-----	6.00
029.b	13CF03	 * pressed profile	VERTICAL CONNECTION 25.5 / 76.4	0.852	-----	-----	-----	-----	6.00
029.b	13CF01	 * pressed profile	VERTICAL CONNECTION 25.5 / 69.1	0.789	-----	-----	-----	-----	6.00
030.b	13CF02	 * pressed profile	VERTICAL CONNECTION 25.5 / 89.1	0.964	-----	-----	-----	-----	6.00

TECHNICAL INFORMATION

CATAL. PAGE	NR	PROFILE	DESCRIPTION	THEORETICAL WEIGHT kg/mt	Statics Jxx (cm4)	Jyy (cm4)	Surfaces Coating Surface (cm)	Covering Surface (cm)	L m
024.b	13CF07	 10561 * pressed profile	VERTICAL CONNECTION 46.3 / 32.6	0.866	------	------	------	------	6.00
024.b	13CF08	 10562 * pressed profile	VERTICAL CONNECTION 46.3 / 47	0.976	------	------	------	------	6.00
025.b	13CF09	 10563 * pressed profile	VERTICAL CONNECTION 46.1 / 67	1.126	------	------	------	------	6.00
025.b	13CF10	 10564 * pressed profile	VERTICAL CONNECTION 45.9 / 86.9	1.230	------	------	------	------	6.00
026.b	13CF11	 10565 * pressed profile	VERTICAL CONNECTION 45.9 / 105.9	1.419	------	------	------	------	6.00
026.b	13CF12	 10566 * pressed profile	VERTICAL CONNECTION 45.7 / 131.3	1.689	------	------	------	------	6.00

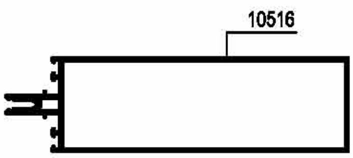
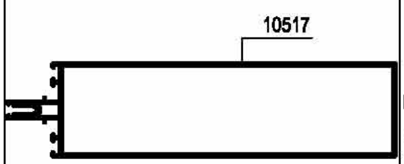
TECHNICAL INFORMATION

CATAL. PAGE	NR	PROFILE (X—X, Y—Y)	DESCRIPTION	THEORETICAL WEIGHT kg/mt	Statics Jxx (cm4)	Statics Jyy (cm4)	Surfaces Coating Surface (cm)	Surfaces Covering Surface (cm)	L m ⟷
022.b	13CF06	 * pressed profile	HORIZONTAL CONNECTION 7.3 / 45.7	0.405	------	------	------	------	6.00
022.b	13CF05	 * pressed profile	HORIZONTAL CONNECTION 47 / 45.7	1.214	------	------	------	------	6.00
023.b	13CF04	 * pressed profile	VERTICAL CONNECTION 17.2 / 44.4	0.260	------	------	------	------	6.00

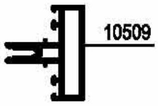
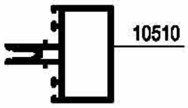
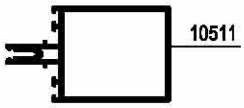
SYSTEM LEGEND 13'50 F

PROFILE LIST

TECHNICAL INFORMATION

CATAL. PAGE	NR	PROFILE	DESCRIPTION	THEORETICAL WEIGHT kg/mt	Statics Jxx (cm4)	Statics Jyy (cm4)	Surfaces Coating Surface (cm)	Surfaces Covering Surface (cm)	L m
019.b	13TF07		HORIZONTAL MULLION 50 / 132	2.299	222.217	32.754	50.079	31.902	6.00
020.b	13TF08		HORIZONTAL MULLION 50 / 157	2.662	344.706	39.999	54.987	36.902	6.00
021.b	13TF09		HORIZONTAL MULLION 50 / 182	2.814	472.990	43.748	60.679	41.902	6.00

TECHNICAL INFORMATION

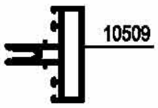
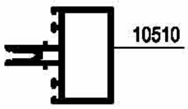
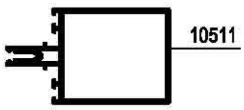
CATAL. PAGE	NR	PROFILE (X–X / Y–Y)	DESCRIPTION	THEORETICAL WEIGHT kg/mt	Statics Jxx (cm4)	Statics Jyy (cm4)	Surfaces Coating Surface (cm)	Surfaces Covering Surface (cm)	L m
014.b	13TF01		HORIZONTAL MULLION 50 / 16.5	1.109	5.297	7.355	26.979	8.802	6.00
014.b	13TF02		HORIZONTAL MULLION 50 / 32	1.269	12.708	10.763	30.079	11.902	6.00
015.b	13TF03		HORIZONTAL MULLION 50 / 62	1.578	42.897	17.360	36.079	17.902	6.00
016.b	13TF04		HORIZONTAL MULLION 50 / 72	1.681	58.382	19.559	38.079	19.902	6.00
017.b	13TF05		HORIZONTAL MULLION 50 / 92	1.887	98.697	23.958	42.079	23.902	6.00
018.b	13TF06		HORIZONTAL MULLION 50 / 112	2.093	152.789	28.356	46.079	27.902	6.00

BRL®
Aluminium System

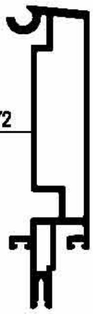
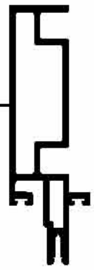
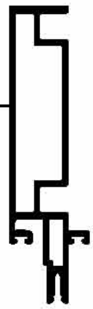
SYSTEM LEGEND 13'50 F

PROFILE LIST

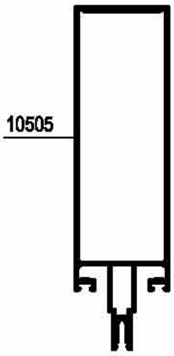
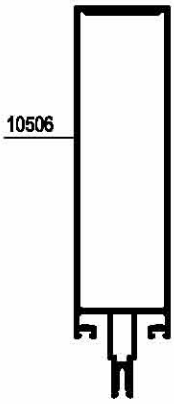
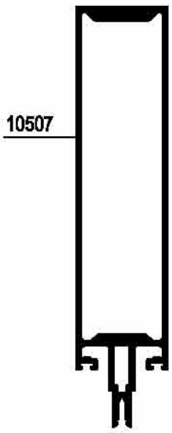
TECHNICAL INFORMATION

CATAL. PAGE	NR	PROFILE	DESCRIPTION	THEORETICAL WEIGHT kg/mt	Statics Jxx (cm4)	Statics Jyy (cm4)	Surfaces Coating Surface (cm)	Surfaces Covering Surface (cm)	L m
014.b	13TF01		HORIZONTAL MULLION 50 / 16.5	1.109	5.297	7.355	26.979	8.802	6.00
014.b	13TF02		HORIZONTAL MULLION 50 / 32	1.269	12.708	10.763	30.079	11.902	6.00
015.b	13TF03		HORIZONTAL MULLION 50 / 62	1.578	42.897	17.360	36.079	17.902	6.00
016.b	13TF04		HORIZONTAL MULLION 50 / 72	1.681	58.382	19.559	38.079	19.902	6.00
017.b	13TF05		HORIZONTAL MULLION 50 / 92	1.887	98.697	23.958	42.079	23.902	6.00
018.b	13TF06		HORIZONTAL MULLION 50 / 112	2.093	152.789	28.356	46.079	27.902	6.00

TECHNICAL INFORMATION

CATAL. PAGE	NR	PROFILE	DESCRIPTION	THEORETICAL WEIGHT kg/mt	Statics Jxx (cm4)	Statics Jyy (cm4)	Surfaces Coating Surface (cm)	Surfaces Covering Surface (cm)	L m
010.b	13DF06	 10571	VERTICAL MULLION FOR ANGLES 41.3 / 125	2.660	255.634	14.761	56.521	15.625	6.00
011.b	13DF07	 10572	VERTICAL MULLION FOR ANGLES 41.3 / 125	2.661	254.898	14.539	59.361	15.970	6.00
012.b	13DF04	 10569	VERTICAL MULLION FOR ANGLES 41.3 / 105	2.279	147.936	11.048	51.501	14.061	6.00
013.b	13DF05	 10570	VERTICAL MULLION FOR ANGLES 41.3 / 125	2.485	218.432	12.558	55.501	16.061	6.00

TECHNICAL INFORMATION

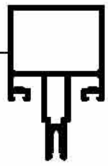
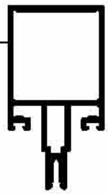
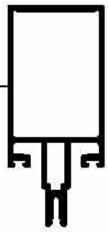
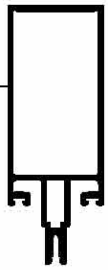
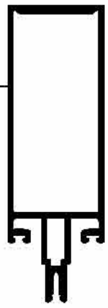
CATAL. PAGE	NR	PROFILE (X–X, Y–Y)	DESCRIPTION	THEORETICAL WEIGHT kg/mt	Statics Jxx (cm4)	Statics Jyy (cm4)	Surfaces Coating Surface (cm)	Surfaces Covering Surface (cm)	L m ⟷
003.b	13MF06		VERTICAL MULLION 50 / 150	2.847	367.866	39.202	60.889	35.502	6.00
004.b	13MF07		VERTICAL MULLION 50 / 175	3.308	571.901	46.774	65.889	40.502	6.00
005.b	13MF08		VERTICAL MULLION 50 / 200	4.487	1077.289	64.691	70.790	45.504	6.00

Aluminium System

SYSTEM LEGEND 13'50 F

PROFILE LIST

TECHNICAL INFORMATION

CATAL. PAGE	NR	PROFILE	DESCRIPTION	THEORETICAL WEIGHT kg/mt	Statics Jxx (cm4)	 Jyy (cm4)	Surfaces Coating Surface (cm)	 Covering Surface (cm)	L m
001.b	13MF01	10500 	VERTICAL MULLION 50 / 50	1.607	33.653	15.001	40.929	15.502	6.00
001.b	13MF02	10501 	VERTICAL MULLION 50 / 65	1.804	58.388	18.160	43.929	18.502	6.00
002.b	13MF03	10502 	VERTICAL MULLION 50 / 85	2.022	98.913	22.785	47.889	22.502	6.00
002.b	13MF04	10503 	VERTICAL MULLION 50 / 105	2.268	156.433	27.810	51.889	26.502	6.00
003.b	13MF05	10504 	VERTICAL MULLION 50 / 125	2.570	251.290	32.511	55.889	30.502	6.00

TEST REPORT

SİSKOM Sistem Kontrol Merkezi **Test Report**

Pres. Pa	m3/h	m3/h/m2	Class Area	Difference to 1.Test	m3/h/m	Class Seal Length	Difference to 1.Test
200	8.81	0.89	A4	0.000	0.26	A4	0.000
250	10.05	1.01	A4	0.000	0.30	A4	0.000
300	11.16	1.12	A4	0.000	0.33	A4	0.000
450	16.08	1.62	A4	0.000	0.48	A4	0.000
600	21.06	2.12	A4	0.000	0.63	A4	0.000
-50	3.97	0.40	A4	0.000	0.12	A4	0.000
-100	5.90	0.59	A4	0.000	0.18	A4	0.000
-150	7.52	0.76	A4	0.000	0.22	A4	0.000
-200	8.85	0.89	A4	0.000	0.26	A4	0.000
-250	10.10	1.01	A4	0.000	0.30	A4	0.000
-300	10.98	1.10	A4	0.000	0.33	A4	0.000
-450	15.62	1.57	A4	0.000	0.47	A4	0.000
-600	18.62	1.87	A4	0.000	0.56	A4	0.000

KURTOĞLU ALÜMİNYUM

BRL Aluminium System

Classification after 2. air permeability: W0

Safety test:

P3 = -3000 Pa / 3000 Pa

Remarks suction :

Remarks pressure :

Class: W5B

TEST REPORT

SİSKOM Sistem Kontrol Merkezi

Test Report

Airloss EN 1026:2000

Ambient temperature: 20 Celsius Ambient humidity : 75 % Ambient pressure: 10
Total area : 9.954 m2 Length of seal: 33.480 m

Pres. Pa	Total m3h	Window area m3/h/m2	Window area Class	Seal length m3/h/m	Seal length Class
50	3.16	0.32	A4	0.09	A4
100	4.55	0.46	A4	0.14	A4
150	5.80	0.58	A4	0.17	A4
200	6.89	0.69	A4	0.21	A4
250	7.66	0.77	A4	0.23	A4
300	8.43	0.85	A4	0.25	A4
450	11.75	1.18	A4	0.35	A4
600	24.08	2.42	A4	0.72	A4
-50	3.99	0.40	A4	0.12	A4
-100	5.93	0.60	A4	0.18	A4
-150	7.55	0.76	A4	0.23	A4
-200	8.82	0.89	A4	0.26	A4
-250	10.01	1.01	A4	0.30	A4
-300	11.16	1.12	A4	0.33	A4
-450	15.41	1.55	A4	0.46	A4
-600	18.68	1.88	A4	0.56	A4

KURTOĞLU ALÜMİNYUM

BRL Aluminium System

Pressure: A4 Suction: A4

TEST REPORT

SİSKOM Test Report

Sistem Kontrol Merkezi

Water tigthness EN 1027:2000

Spraying method A   Number of nozzles: 5   Vol. water: 600.0 Litre/Hour
Spraying angle: 24 Degree   : 10.0 Litre/Minute
Add. spraying pipe   Number of nozzles: 11   Vol. water: 660.0 Litre/Hour
(1.0 Litre/Nozzle)   : 11.0 Litre/Minute

Pres. Pa	Time	Remarks
0	00:15:00	OK
50	00:05:00	OK
100	00:05:00	OK
150	00:05:00	OK
200	00:05:00	OK
250	00:05:00	OK
300	00:05:00	OK
450	00:05:00	OK
600	00:05:00	OK

Water tightness class: RA9

Point of water ingress :

Probable cause of leakage :

KURTOĞLU® ALÜMİNYUM

BRL® Aluminium System

TEST REPORT

SİSKOM Test Report

Order : Order Nr. 82
Test Nr. : 29062006 Date: 29.06.2006
Tested By : HUSEYIN SIMSEK

Description of Test Element

Window type : BRL LEGEND 13'50F CLASSIC CURTAIN WALL
Opening type :

Overall Dim. (W x H) :	3.160 x	3.150 m	Area :	9.954 m2
Opening Vent (W x H) :	0.930 x	0.930 m	Area :	0.865 m2
:	0.930 x	0.930 m	Area :	0.865 m2
:	0.930 x	0.930 m	Area :	0.865 m2
:	0.930 x	0.930 m	Area :	0.865 m2
:	0.930 x	0.930 m	Area :	0.865 m2
:	0.930 x	0.930 m	Area :	0.865 m2
:	0.930 x	0.930 m	Area :	0.865 m2
:	0.930 x	0.930 m	Area :	0.865 m2
:	0.930 x	0.930 m	Area :	0.865 m2
Total			Area :	7.784 m2
Seal length :	33.480 m			

Reference of profiles

Frame	:13HF02	Sill Detail	:11A2301
Sash	:13VF03	Transom	:11A1702 + 11A1802
Mullion	:13MF05	Glazing bead	:13PF07
Sealing	:13TF04	Drip Bar	:13PF05
Hardware	:ROTO	Other	:
Material	:ALUMINIUM	Locking	:ROTO SECURITY STYLE
Finish	:	Hinges	:

Glazing

Type	:TEMPERED GLASS	Filling	:
Glazing	:6+12+6	Glas area	:
Glass Dim.	:24	Other	:

Roll shutter box

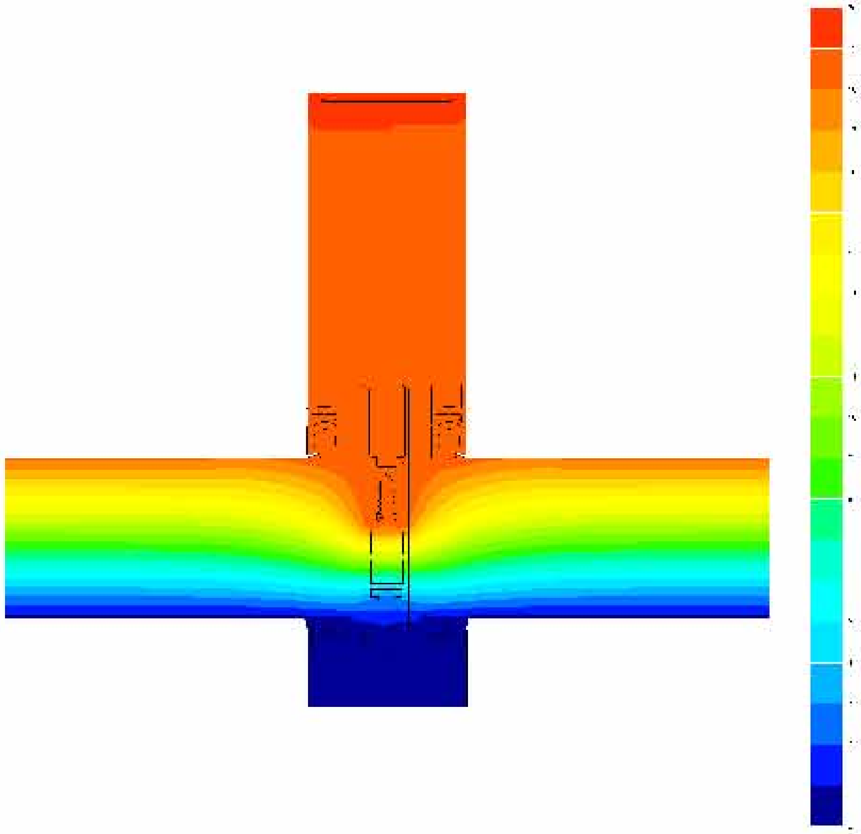
Classification (EN 12207;EN 12210; EN 12208)

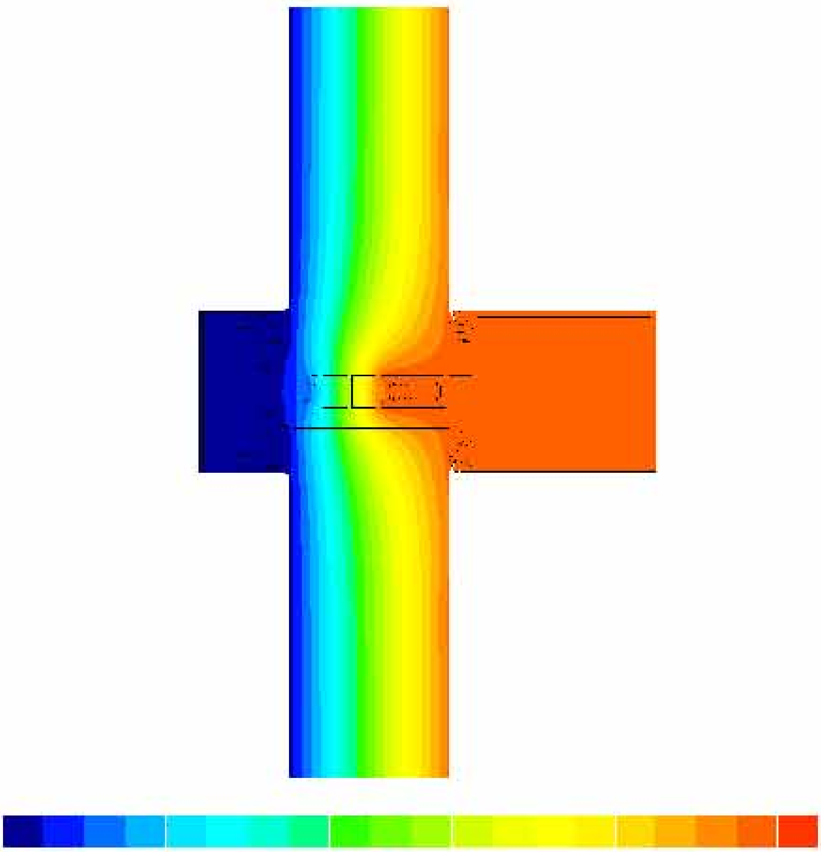
Des: Airloss A4	Wind resistance W5	Water tightness RAE1200
Est : Airloss A4	Wind resistance W5A	Water tightness RAE1200

Remarks:

Milton Keynes, 29.06.2006 Tested By: ....

THERMAL TRANSMITTANCE





THERMAL TRANSMITTANCE

RMG (DIN 4108)

1 group	k =< 2.0 W / (m2K)
2.1 group	2.0 < k =< 2.8 W / (m2K)
2.2 group ***	2.8 < k =< 3.5 W / (m2K)
2.3 group	3.5 < k =< 4.5 W / (m2K)
3 group	k > 4.5 W / (m2K)

THERMAL TRANSMITTANCE ACCORDING TO prEN 10077-2

Theory

The thermal transmittance of a frame according to PrEN 10077-2:

$$U_f = \frac{L_{2D} - U_p * l_p}{l_f} \quad \text{and} \quad L_{2D} = \frac{q_{l,tot}}{\Delta\theta}$$

with:

	U_f :	thermal transmittance of the window frame [W/m^2K]
	U_p :	thermal transmittance of the flanking panel [W/m^2K]
	l_p :	projected width of the flanking panel [m]
	l_f :	projected width of the window frame [m]
	L_{2D} :	two-dimensional coupling coefficient [W/mK]
	$q_{l,tot}$:	total heat flow through the window frame and the flanking panel [W/m]
	$\Delta\theta$:	temperature difference between inside (θi) and outside (θe) [K]

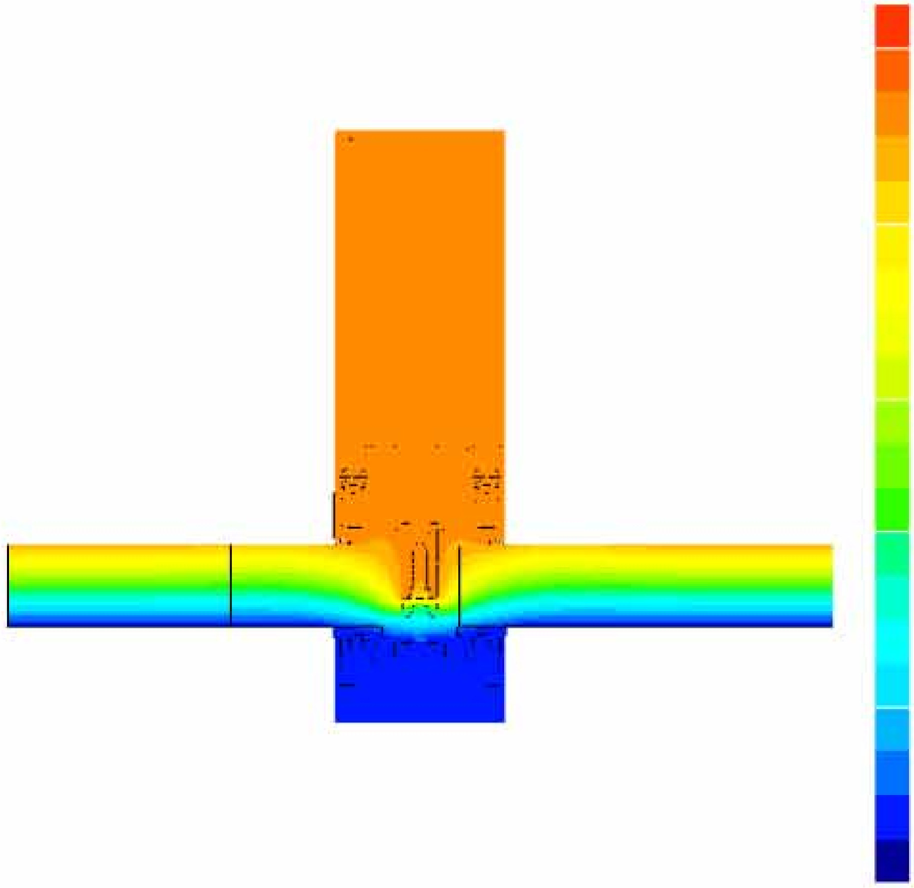
Calculation **Item:** spsdetay

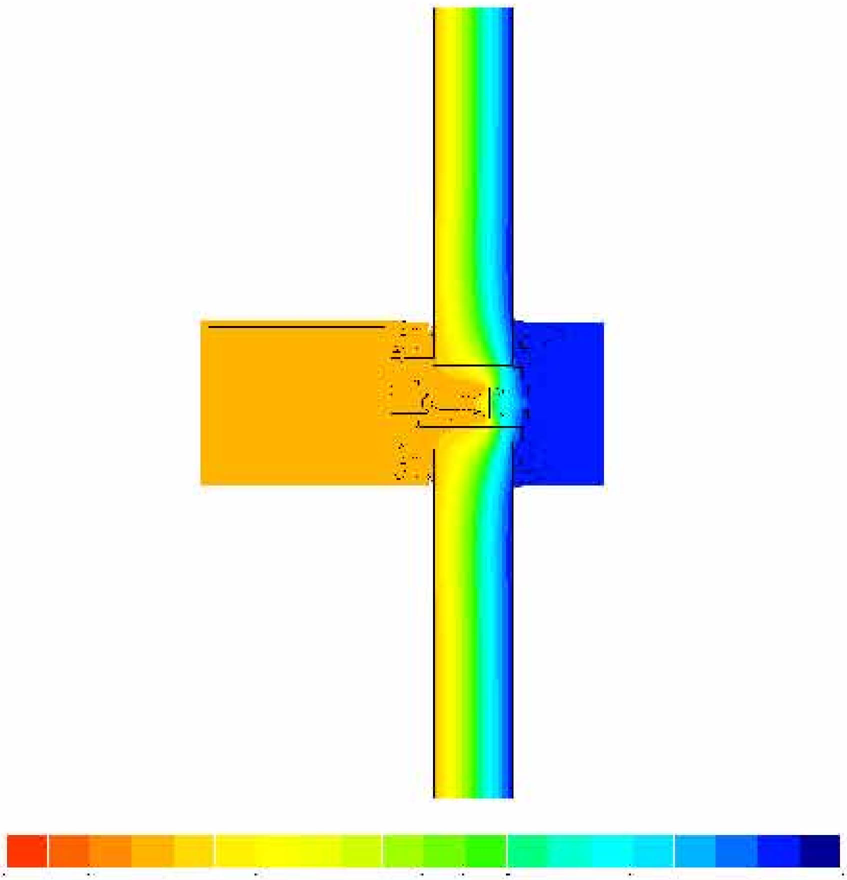
input data:

$q_{l,tot}$ =	4,100 W/m	R_{se} =	0,06 m^2K/W
θ_e =	0,0 °C	R_{si} =	0,13 m^2K/W
θ_i =	20,0 °C		
d_i =	0,0500 m		
λ_i =	0,044 W/m*K		
U_p =	0,754 W/m^2K		
l_p =	0,190 m		
		calculation results: L_{2D} =	0,21 W/mK
l_f =	0,0500 m	**U_f =**	**1,24 W/m^2K**

input data using the Physibel Software BISCO

THERMAL TRANSMITTANCE





THERMAL TRANSMITTANCE

RMG (DIN 4108)

1 group	k =< 2.0 W / (m2K)
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THERMAL TRANSMITTANCE ACCORDING TO prEN 10077-2

Theory

The thermal transmittance of a frame according to PrEN 10077-2:

$$U_f = \frac{L_{2D} - U_p * l_p}{l_f} \quad \text{and} \quad L_{2D} = \frac{q_{l,tot}}{\Delta \theta}$$

with:

	U_f :	thermal transmittance of the window frame [W/m²K]
	U_p :	thermal transmittance of the flanking panel [W/m²K]
	l_p :	projected width of the flanking panel [m]
	l_f :	projected width of the window frame [m]
	L_{2D} :	two-dimensional coupling coefficient [W/mK]
	$q_{l,tot}$:	total heat flow through the window frame and the flanking panel [W/m]
	$\Delta\theta$:	temperature difference between inside (θi) and outside (θe) [K]

Calculation **Item:** spsdetay

input data:

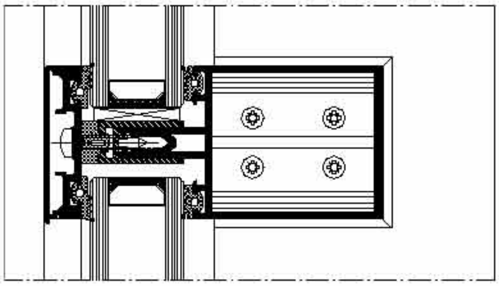
$q_{l,tot}$ =	8,600	W/m	R_{se} =	0,06	m²K/W
θ_e =	0,0	°C	R_{si} =	0,13	m²K/W
θ_i =	20,0	°C			
d_i =	0,0240	m			
λ_i =	0,044	W/m*K			
U_p =	1,360	W/m²K			
l_p =	0,190	m			
		calculation results:	L_{2D} =	0,43	W/mK
l_f =	0,0500	m	**U_f =**	**3,43**	**W/m²K**

input data using the Physibel Software BISCO

CONTENTS OF THE TENDER

DESCRIPTIONS	 
Aluminium alloy	The aluminium profiles are made out of the alloy 6060 and 6063 .
	The aluminium profiles have been extruded from the alloy AlMgSi 0.5 - T5 in according to the EN 12020 .
	Tolerance are based on the standart EN 12020 .
	Physical Properties
	1. Density : 2.71 g / cm3
	2. Elasticity module : 7000 kg / mm2
	3. Resistance : 2650 kg / mm2
	4. Melting point : 650 °C
	5. Coeffcient of expansion : 23x10 C
	6. Thermal permeability : 0.48 cal / cm /s
	Mechanical Properties
	1. Rupture strength : 23.9 kg / mm2
	2. Elasticity limit : 19 kg / mm2
	3. Hardness : 25 Brinell
Surface Treatment	The profiles get a surface treatment as described further on.The colours of the profiles for the inside and outside are the same or different.The anodisation and enamel procedures are carried out under the responsibility of the systems supplier who offer
	Electrostatic Powder Coating
	The thermal break allows all surface treatments when compounded.The enamel construction version has the QUALICOAT label. On average, the coating thickness is minimally 60 micron. The architect can choose from the standart range of colour of the system su
	Anodised Construction Version
	The complete anodisation process takes place in accordance with the specifications of QUALANOD.
	This procedure has to be applied to all exterior joinery situated in the following zones:
	*In industrial or highly polluted zones.
	*In city centres or along busy roads.
	*Along railroads.
	*In swimming pools , laboratories , industrial buildings , etc.

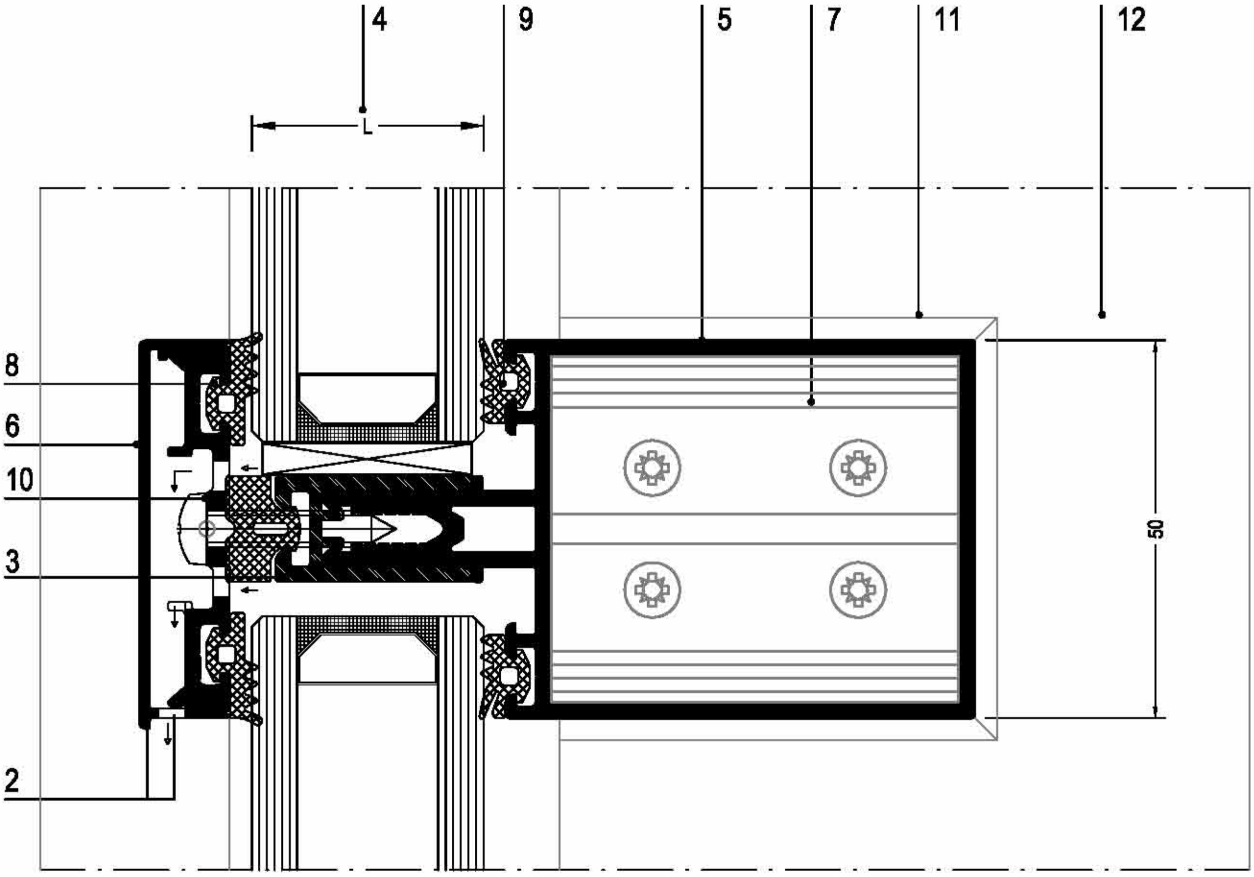
CONTENTS OF THE TENDER

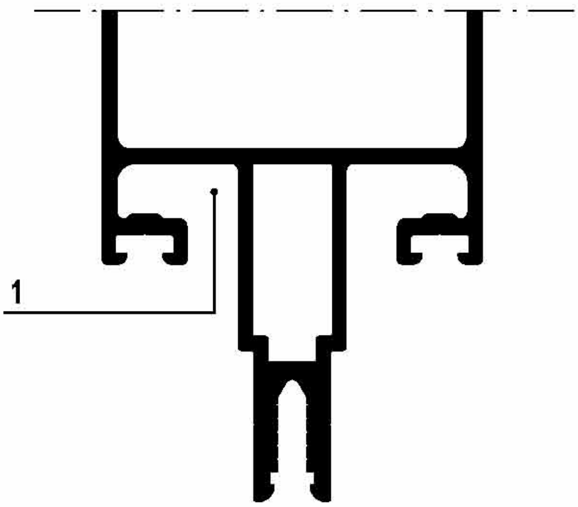
DESCRIPTIONS	 

*** **LEGEND 13'50F System is complete aluminium system for the fabrication of curtain walls.**
Vertical ,negative and positive sloped constructions.

Construction Depth	**Visible width :** 50 mm
Thermal Insulation	Insulated system through air compartments and double glazing created with PVC and E.P.D.M. Gasket. Classification into curtain wall material group 2.1 according to DIN 4108.
Glazing	Glazing from 4 mm up to 50 mm with dry E.P.D.M. Gaskets.
Special Characteristics	The vertical bearing profiles are composed of a chamber profile with drainage channels and of gasket channels for the glazing gaskets. The horizontal cross-sectional profiles have a depth that allow a level recessed position of their inside compared with the inside of the bearing profiles. The structural profile walls have a nominal thickness of 1.6 to 2.5 mm,depending on the size of the profiles. Hidden top hung window,invisible from the outside. Compatible with windows and doors of Reflection 11'58 W+ . **Ix value mullions :** 33 cm4 to 1015 cm4.
Connections	Glass and filling panels are mounted on the outside on extruded aluminium glass support that are hooked up in the cross-sectional profiles. Horizontal expansion joints are made by screwing the cross-sectional profiles on the bearing profiles in the slotted holes and by placing an E.P.D.M.end -sealing piece between the connection. Vertical expansion joints are made with an aluminium expansion profile adapted to the interior dimensions of the inner chamber of the various bearing profiles.
Gaskets	Glazing and drainage rubbers and the sealing gaskets are made of E.P.D.M.
Drainage	In the cross-sectional profiles,the infiltration water is drained to the outside by a profile. To drain the infiltration water to the outside,the bottom sides of the clamping strips and covering profiles of hard PVC are glued in the drainage channels.
Fitting and anchoring	The vertical bearing profiles are fastened on the structurel elements of the carcass by means of adjusted anchoring pieces in aluminium or galvanised steeel. The anchoring of the aluminium of the elements to the building has to be arranged in such a way hat movements of the building and elements are absorbed without any loads being passed on to the aluminium constructions.

CURTAIN WALL - WITH STANDART VERSION





1 - Condens canal

2 - Water drainage

3 - Insulating profile PVC (4 dimensions)

4 - Glazing : from 4 to 50 mm

5 - Transom profile

6 - Cover Cap profiles

7 - T Janction

8 - E.P.D.M. Gasket outside

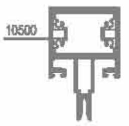
9 - E.P.D.M. Gasket inside

10 - Pressure Plates

11 - Connection P.V.C. accessories

12 - Mullion profile

a - TECHNICAL INFORMATION

CATAL. PAGE	NR	PROFILE	DESCRIPTION	THEORETICAL WEIGHT kg/mt	Statics Jxx (cm4)	Statics Jyy (cm4)	Surfaces Coating Surface (cm)	Surfaces Covering Surface (cm)	L m
001.b	13MF01		VERTICAL MULLION 50 / 50	1.607	33.653	15.001	40.429	15.502	6.00

* The weights are theoretical of presed profiles.

* When profiles are powder coated weight may increase by % 4 .

* Unless otherwise indicated , all dimensions in this catalogue are ± 0.1 mm and weights may vary by % 4 .