BRL®
Aluminium System

SYSTEM LEGEND
13'50F

HORIZONTAL or VERTICAL LINING
CURTAIN WALL

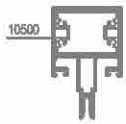
ARCHITECTURAL CATALOGUE

EDITION : 07 / 2006

BRL Aluminium System

INDEX

a - 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)	
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.

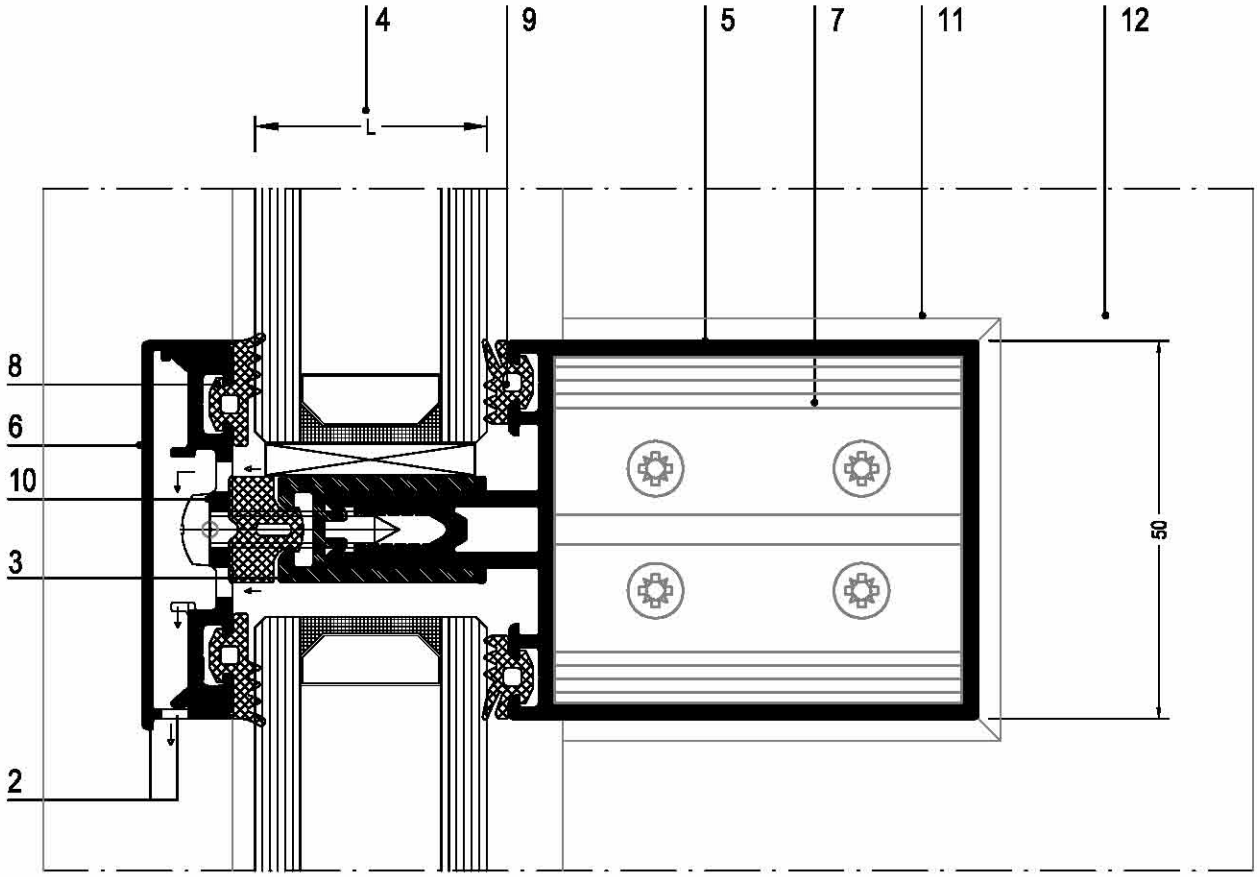
* When profiles are powder coated weight may increase by % 4 .

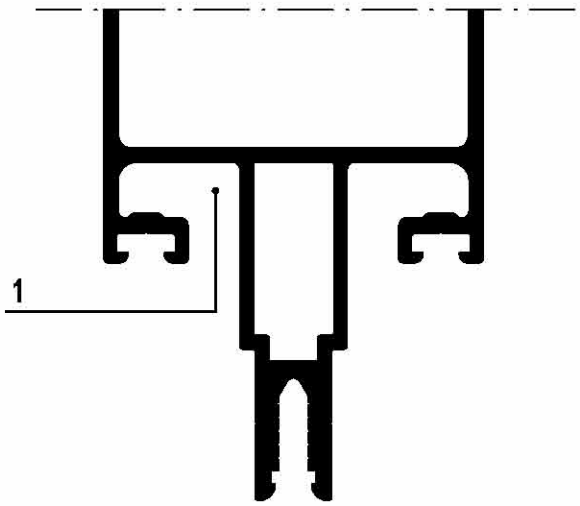
* Unless otherwise indicated , all dimensions in this catalogue are ± 0.1 mm and weights may vary by % 4 .

SYSTEM LEGEND 13'50 F

TYPICAL SECTION

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

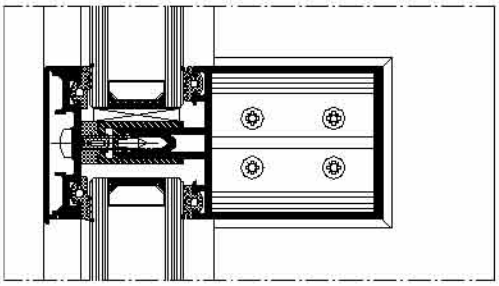
11 - Connection P.V.C. accessories

12 - Mullion profile

SYSTEM LEGEND 13'50 F

TYPICAL SECTION

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.

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.

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^{2}K]
	U_p :	thermal transmittance of the flanking panel [W/m^{2}K]
	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

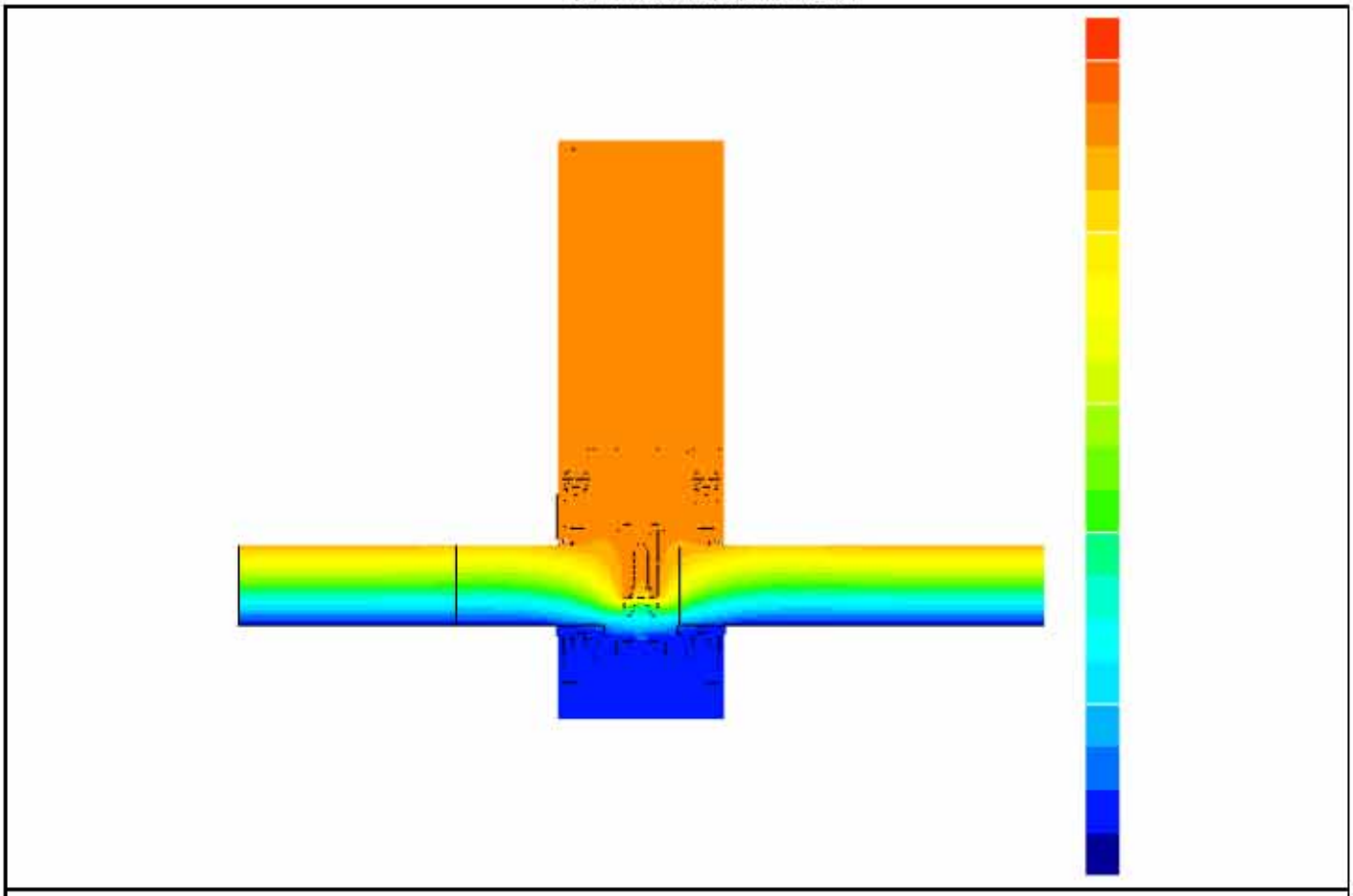
Item: spsdetay

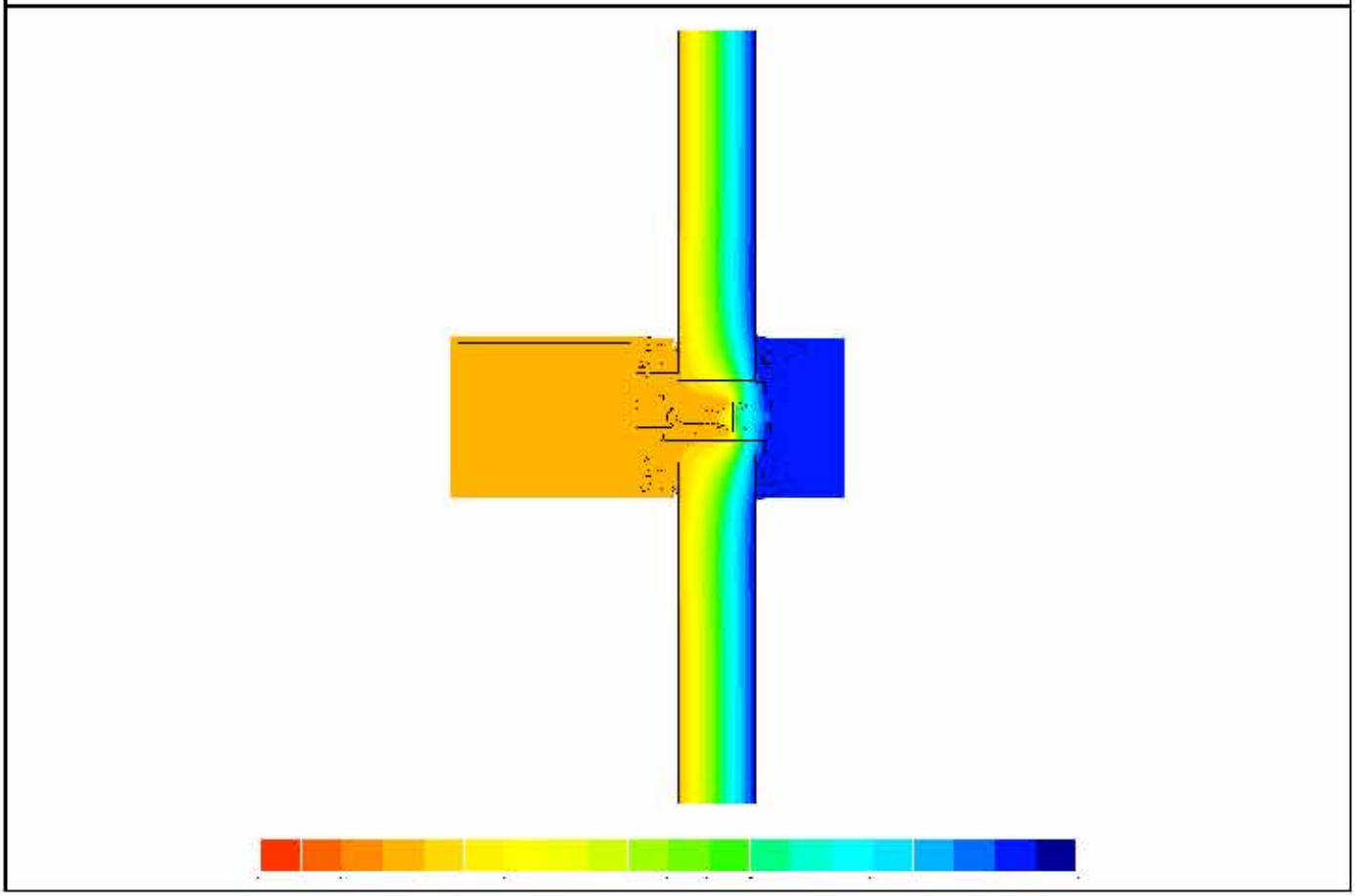
input data:

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

input data using the Physibel Software BISCO

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^{2}K]
U_p :	thermal transmittance of the flanking panel [W/m^{2}K]
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

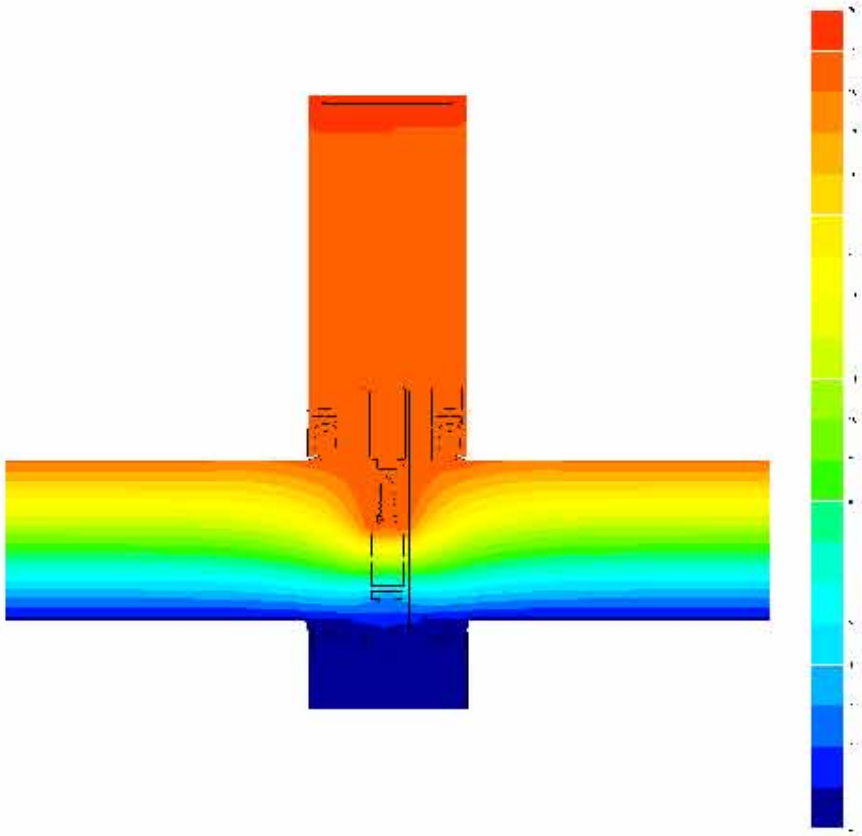
Item: spsdetay

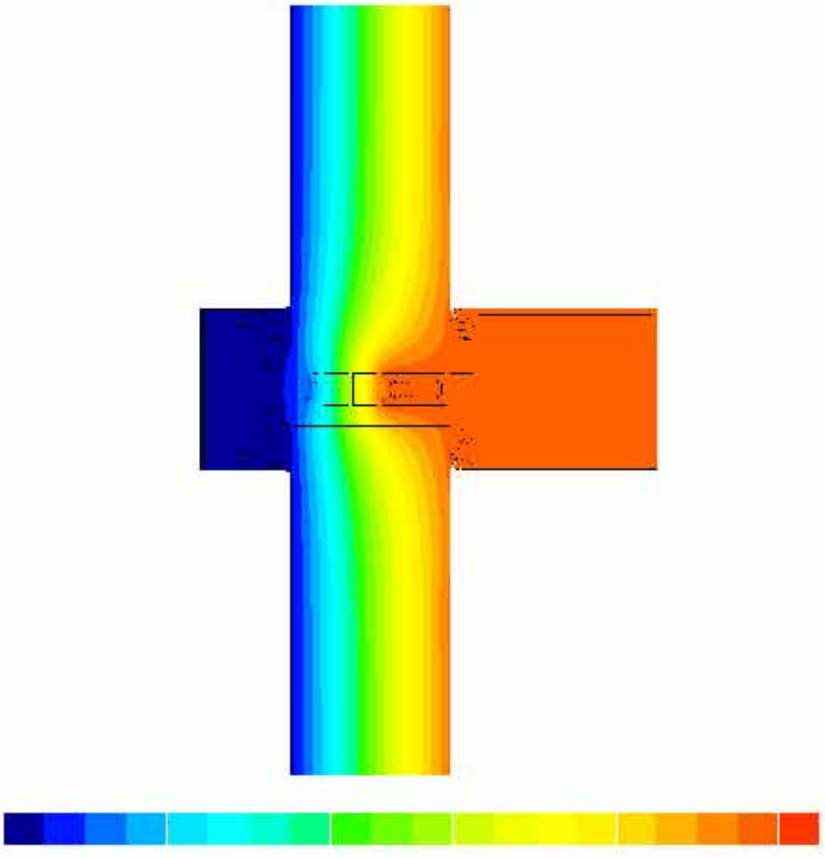
input data:

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

input data using the Physibel Software BISCO

THERMAL TRANSMITTANCE



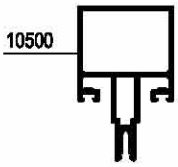
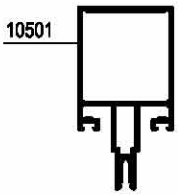
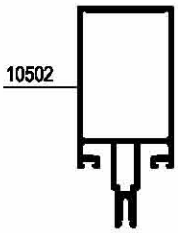
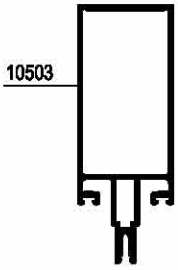
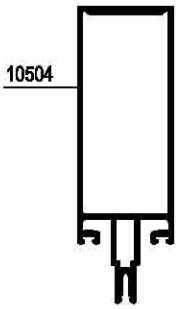


BRL Aluminium System

SYSTEM LEGEND 13'50 F

PROFILE LIST

TECHNICAL INFORMATION

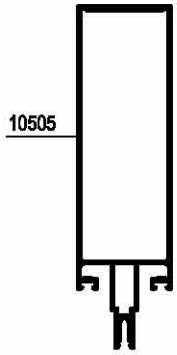
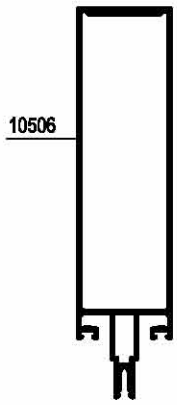
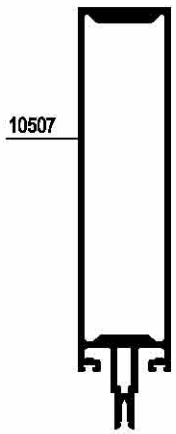
CATAL. PAGE	NR	PROFILE	DESCRIPTION	THEORETICAL WEIGHT kg/mt	Statics		Surfaces		L m
					Jxx (cm4)	Jyy (cm4)	Coating Surface (cm)	Covering Surface (cm)	
001.b	13MF01		VERTICAL MULLION 50 / 50	1.607	33.653	15.001	40.929	15.502	6.00
001.b	13MF02		VERTICAL MULLION 50 / 65	1.804	58.388	18.160	43.929	18.502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

BRL Aluminium System

SYSTEM LEGEND 13'50 F

PROFILE LIST

TECHNICAL INFORMATION

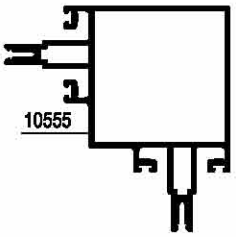
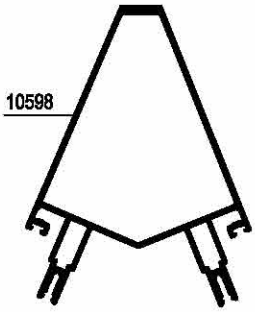
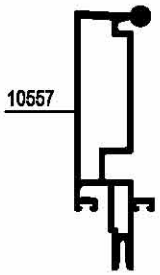
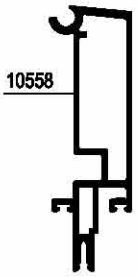
CATAL. PAGE	NR	PROFILE	DESCRIPTION	THEORETICAL WEIGHT kg/mt	Statics		Surfaces		L m
					Jxx (cm4)	Jyy (cm4)	Coating Surface (cm)	Covering Surface (cm)	
003.b	13MF06		VERTICAL MULLION 50 / 150	2.847	367.866	39.202	60.889	35.502	6.00
004.b	13MF07		VERTICAL MULLION 50 / 175	3.308	571.901	46.774	65.889	40.502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

BRL Aluminium System

SYSTEM LEGEND 13'50 F

PROFILE LIST

TECHNICAL INFORMATION

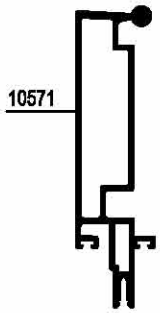
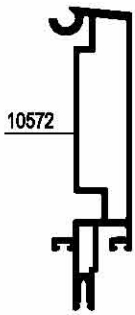
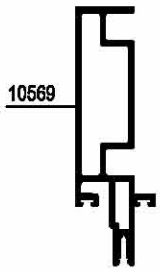
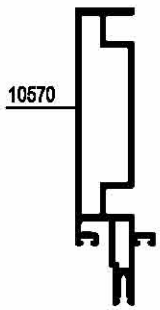
CATAL. PAGE	NR	PROFILE	DESCRIPTION	THEORETICAL WEIGHT kg/mt	Statics		Surfaces		L m
					Jxx (cm4)	Jyy (cm4)	Coating Surface (cm)	Covering Surface (cm)	
006.b	13DF03		VERTICAL MULLION FOR 90° CORNER 50 / 87	2.961	143.957	143.957	76.487	17.876	6.00
007.b	13DF08		VERTICAL MULLION FOR 135° CORNER 127.4	3.441	267.464	188.595	72.734	28.114	6.00
008.b	13DF01		VERTICAL MULLION FOR ANGLES 41.3 / 105	2.456	176.532	13.329	52.423	13.625	6.00
009.b	13DF02		VERTICAL MULLION FOR ANGLES 41.3 / 105	2.390	167.892	13.135	52.228	13.971	6.00

BRL Aluminium System

SYSTEM LEGEND 13'50 F

PROFILE LIST

TECHNICAL INFORMATION

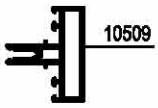
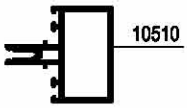
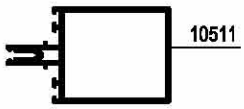
CATAL. PAGE	NR	PROFILE	DESCRIPTION	THEORETICAL WEIGHT kg/mt	Statics		Surfaces		L m
					Jxx (cm4)	Jyy (cm4)	Coating Surface (cm)	Covering Surface (cm)	
010.b	13DF06		VERTICAL MULLION FOR ANGLES 41.3 / 125	2.660	255.634	14.761	56.521	15.625	6.00
011.b	13DF07		VERTICAL MULLION FOR ANGLES 41.3 / 125	2.661	254.898	14.539	59.361	15.970	6.00
012.b	13DF04		VERTICAL MULLION FOR ANGLES 41.3 / 105	2.279	148.931	10.053	51.501	14.061	6.00
013.b	13DF05		VERTICAL MULLION FOR ANGLES 41.3 / 125	2.485	219.341	11.648	55.501	16.061	6.00

BRL Aluminium System

SYSTEM LEGEND 13'50 F

PROFILE LIST

TECHNICAL INFORMATION

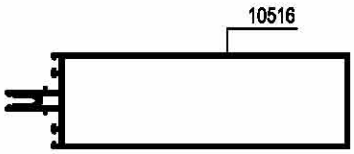
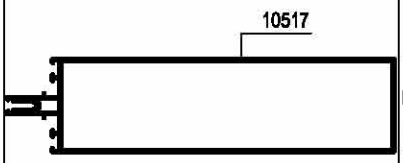
CATAL. PAGE	NR	PROFILE	DESCRIPTION	THEORETICAL WEIGHT kg/mt	Statics		Surfaces		L m
					Jxx (cm4)	Jyy (cm4)	Coating Surface (cm)	Covering Surface (cm)	
014.b	13TF01		HORIZONTAL MULLION 50 / 16.5	1.109	5.297	7.355	26.979	8.802	6.00
014.b	13TF02		HORIZONTAL MULLION 50 / 32	1.269	12.708	10.763	30.079	11.902	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

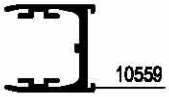
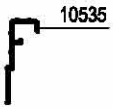
CATAL. PAGE	NR	PROFILE	DESCRIPTION	THEORETICAL WEIGHT kg/mt	Statics		Surfaces		L m
					Jxx (cm4)	Jyy (cm4)	Coating Surface (cm)	Covering Surface (cm)	
019.b	13TF07		HORIZONTAL MULLION 50 / 132	2.299	222.217	32.754	50.079	31.902	6.00
020.b	13TF08		HORIZONTAL MULLION 50 / 157	2.662	344.706	39.999	54.987	36.902	6.00
021.b	13TF09		HORIZONTAL MULLION 50 / 182	2.814	473.017	43.749	60.679	41.902	6.00

BRL Aluminium System

SYSTEM LEGEND 13'50 F

PROFILE LIST

TECHNICAL INFORMATION

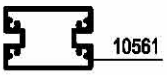
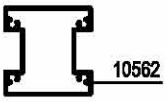
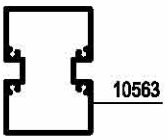
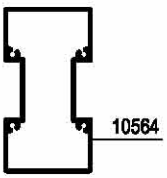
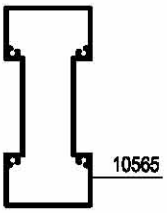
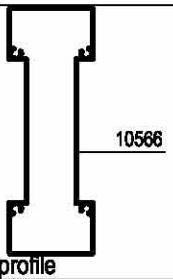
CATAL. PAGE	NR	PROFILE	DESCRIPTION	THEORETICAL WEIGHT kg/mt	Statics		Surfaces		L m
					Jxx (cm4)	Jyy (cm4)	Coating Surface (cm)	Covering Surface (cm)	
022.b	13CF06	 * pressed profile	HORIZONTAL CONNECTION 7.3 / 45.7	0.405	-----	-----	-----	-----	6.00
022.b	13CF05	 * pressed profile	HORIZONTAL CONNECTION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

BRL Aluminium System

SYSTEM LEGEND 13'50 F

PROFILE LIST

TECHNICAL INFORMATION

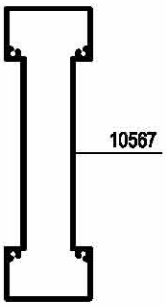
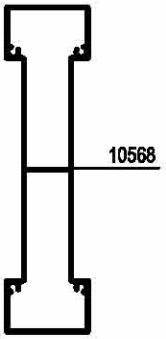
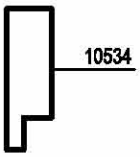
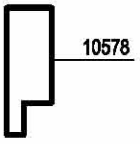
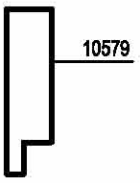
CATAL. PAGE	NR	PROFILE	DESCRIPTION	THEORETICAL WEIGHT kg/mt	Statics		Surfaces		L m
					Jxx (cm4)	Jyy (cm4)	Coating Surface (cm)	Covering Surface (cm)	
024.b	13CF07	 10561 * pressed profile	VERTICAL CONNECTION 46.3 / 32.6	0.866	------	------	------	------	6.00
024.b	13CF08	 10562 * pressed profile	VERTICAL 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

BRL Aluminium System

SYSTEM LEGEND 13'50 F

PROFILE LIST

TECHNICAL INFORMATION

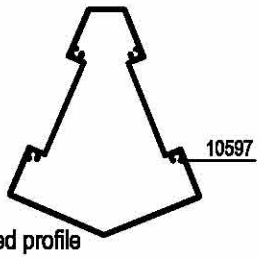
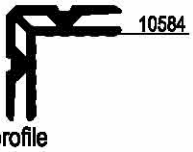
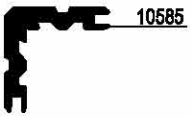
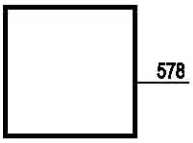
CATAL. PAGE	NR	PROFILE	DESCRIPTION	THEORETICAL WEIGHT kg/mt	Statics		Surfaces		L m
					Jxx (cm4)	Jyy (cm4)	Coating Surface (cm)	Covering Surface (cm)	
027.b	13CF13	 10567 * pressed profile	VERTICAL CONNECTION 45.5 / 155.2	2.011	-----	-----	-----	-----	6.00
028.b	13CF14	 10568 * pressed profile	VERTICAL CONNECTION 44.2 / 172	2.467	-----	-----	-----	-----	6.00
029.b	13CF03	 10534 * pressed profile	VERTICAL CONNECTION 25.5 / 76.4	0.852	-----	-----	-----	-----	6.00
029.b	13CF01	 10578 * pressed profile	VERTICAL CONNECTION 25.5 / 69.1	0.789	-----	-----	-----	-----	6.00
030.b	13CF02	 10579 * pressed profile	VERTICAL CONNECTION 25.5 / 89.1	0.964	-----	-----	-----	-----	6.00

BRL Aluminium System

SYSTEM LEGEND 13'50 F

PROFILE LIST

TECHNICAL INFORMATION

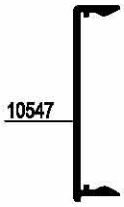
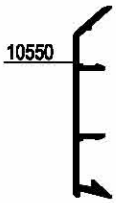
CATAL. PAGE	NR	PROFILE	DESCRIPTION	THEORETICAL WEIGHT kg/mt	Statics		Surfaces		L m
					Jxx (cm4)	Jyy (cm4)	Coating Surface (cm)	Covering Surface (cm)	
031.b	13CF16	 10597 * pressed profile	VERTICAL CONNECTION 101.7 / 108.6	1.659	-----	-----	-----	-----	6.00
032.b	13CF15	 10587 * pressed profile	VERTICAL CONNECTION 44.2 / 10	0.667	-----	-----	-----	-----	6.00
033.b	14LW13	 10584 * pressed profile	CORNER CLEATS 15 / 60	2.488	-----	-----	-----	-----	6.00
033.b	14LW14	 10585 * pressed profile	CORNER CLEATS 11.1 / 55	2.420	-----	-----	-----	-----	6.00
032.b	578	 578 * pressed profile	BOX PROFILE 70 / 70	1.114	-----	-----	-----	-----	6.00

BRL Aluminium System

SYSTEM LEGEND 13'50 F

PROFILE LIST

TECHNICAL INFORMATION

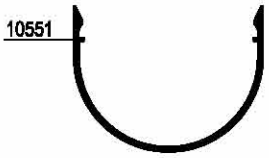
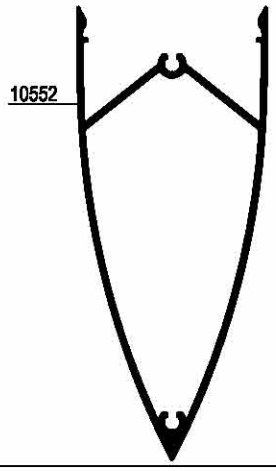
CATAL. PAGE	NR	PROFILE	DESCRIPTION	THEORETICAL WEIGHT kg/mt	Statics		Surfaces		L m
					Jxx (cm4)	Jyy (cm4)	Coating Surface (cm)	Covering Surface (cm)	
034.b	13PF01	 10543 * pressed profile	PRESSURE PLATES 47 / 8.1	0.438	------	------	------	------	6.00
034.b	13PF02	 10544 * pressed profile	PRESSURE PLATES 50.2 / 8.1	0.406	------	------	------	------	6.00
035.b	13PF03	 10545 * pressed profile	PRESSURE PLATES 47 / 8.1	0.417	------	------	------	------	6.00
035.b	13PF04	 10546 * pressed profile	PRESSURE PLATES 50.2 / 8.1	0.412	------	------	------	------	6.00
036.b	13PF05	 10547	COVER CAPS 12 / 51.5	0.288	------	------	14.778	6.597	6.00
036.b	13PF06	 10548	COVER CAPS 50 / 15	0.301	------	------	15.704	7.993	6.00
036.b	13PF08	 10550	COVER CAPS 10 / 50.3	0.284	------	------	10.476	5.669	6.00

BRL Aluminium System

SYSTEM LEGEND 13'50 F

PROFILE LIST

TECHNICAL INFORMATION

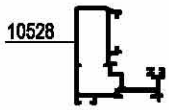
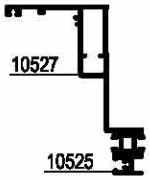
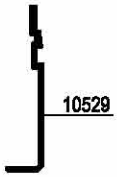
CATAL. PAGE	NR	PROFILE	DESCRIPTION	THEORETICAL WEIGHT kg/mt	Statics		Surfaces		L m
					Jxx (cm4)	Jyy (cm4)	Coating Surface (cm)	Covering Surface (cm)	
036.b	13PF07		COVER CAPS 50 / 25	0.363	-----	-----	13.379	10.247	6.00
037.b	13PF09		COVER CAPS 50 / 38.6	0.407	-----	-----	21.023	10.908	6.00
038.b	13PF10		COVER CAPS 50 / 120	1.350	-----	-----	38.258	24.889	6.00

BRL Aluminium System

SYSTEM LEGEND 13'50 F

PROFILE LIST

TECHNICAL INFORMATION

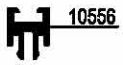
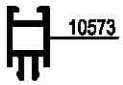
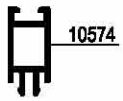
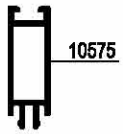
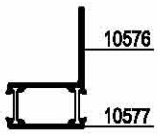
CATAL. PAGE	NR	PROFILE	DESCRIPTION	THEORETICAL WEIGHT kg/mt	Statics		Surfaces		L m
					Jxx (cm4)	Jyy (cm4)	Coating Surface (cm)	Covering Surface (cm)	
039.b	13VF03		VENT PROFILE 46.1 / 51.4	0.953	10.928	5.315	30.564	7.716	6.00
039.b	13HF02		FRAME PROFILE 54 / 89.2	1.279	62.230	4.290	33.565	10.567	6.00
040.b	13RF02	 * black anodized	RETAINING PROFILE 10 / 44	0.212	———	———	11.389	———	6.00
040.b	13RF05	 * black anodized	RETAINING PROFILE 41.5 / 4	0.199	———	———	9.185	———	6.00
041.b	13AF01	 * black anodized	BONNING PROFILE 22.7 / 5.7	0.139	———	———	6.665	———	6.00
041.b	14IW01		SLIDING ROAD PROFILE 19.5 / 4.5	0.105	———	———	5.198	———	6.00

BRL Aluminium System

SYSTEM LEGEND 13'50 F

PROFILE LIST

TECHNICAL INFORMATION

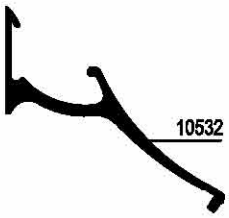
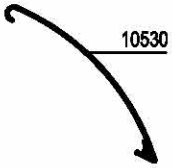
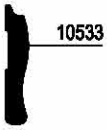
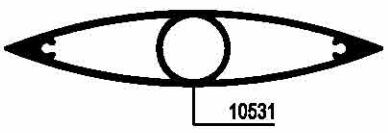
CATAL. PAGE	NR	PROFILE	DESCRIPTION	THEORETICAL WEIGHT kg/mt	Statics		Surfaces		L m
					Jxx (cm4)	Jyy (cm4)	Coating Surface (cm)	Covering Surface (cm)	
042.b	13AF02		GLAZING BEAD PROFILE 11 / 10	0.188	-----	-----	8.606	2.256	6.00
042.b	13AF03		GLAZING BEAD PROFILE 11 / 15.8	0.213	-----	-----	9.566	3.406	6.00
042.b	13AF04		GLAZING BEAD PROFILE 11 / 19.8	0.239	-----	-----	10.366	4.206	6.00
042.b	13AF05		GLAZING BEAD PROFILE 11 / 28.8	0.297	-----	-----	12.166	6.006	6.00
043.b	13BF01		ADAPTERS 40 / 64	1.032	16.691	5.315	30.110	4.208	6.00

BRL Aluminium System

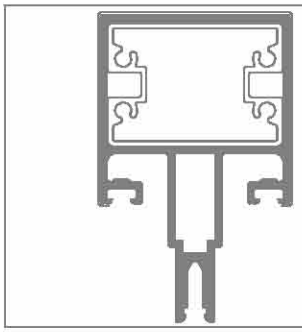
SYSTEM LEGEND 13'50 F

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)	⟷
046.b	15CS01		SOLAR SHADING 115.3 / 107.8	2.554	-----	----	43.590	----	6.00
045.b	15PS01		SOLAR SHADING 112.8	0.622	-----	----	26.510	----	6.00
047.b	15FS01		SOLAR SHADING 5.8 / 31.2	0.371	-----	----	7.087	----	6.00
044.b	15PS02		SOLAR SHADING 100 / 20	1.086	-----	----	20.881	----	6.00

b - PROFILE



VERTICAL MULLION 50 / 50					
PROFILE CODE		13MF01		THEORETICAL WEIGHT kg/mt	1.607
Jxx (cm4)	Jyy (cm4)	Casting Surface (cm)		Covering Surface (cm)	
		10500		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 .

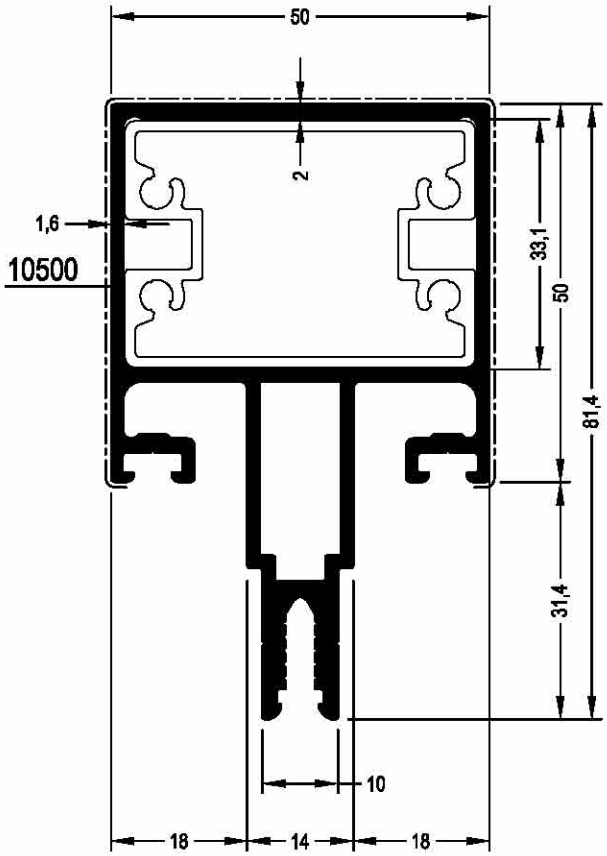
* Unless otherwise indicated , all dimensions in this catalogue are ± 0.1 mm and weights may vary by % 4 .

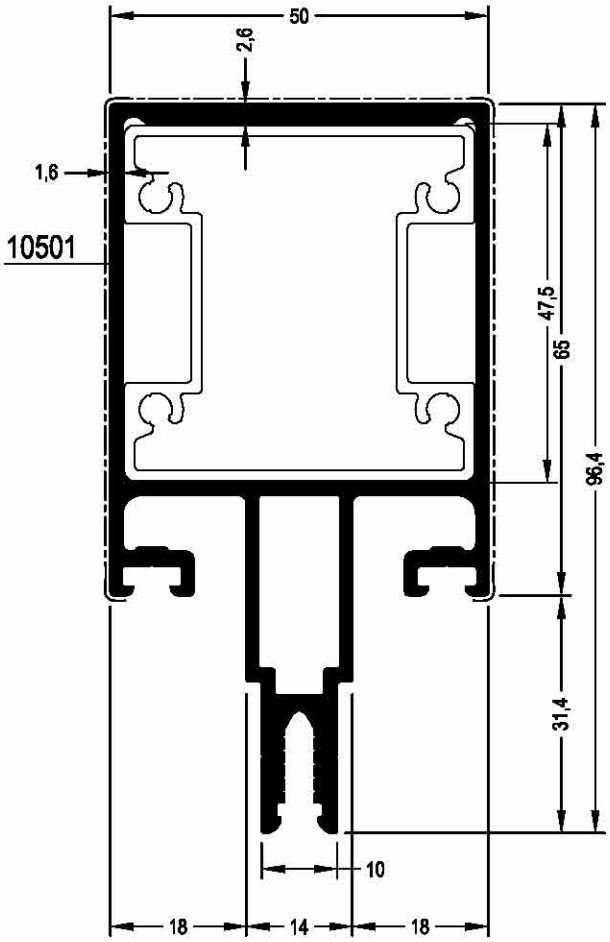
BRL Aluminium System

SYSTEM LEGEND 13'50 F

PROFILE

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

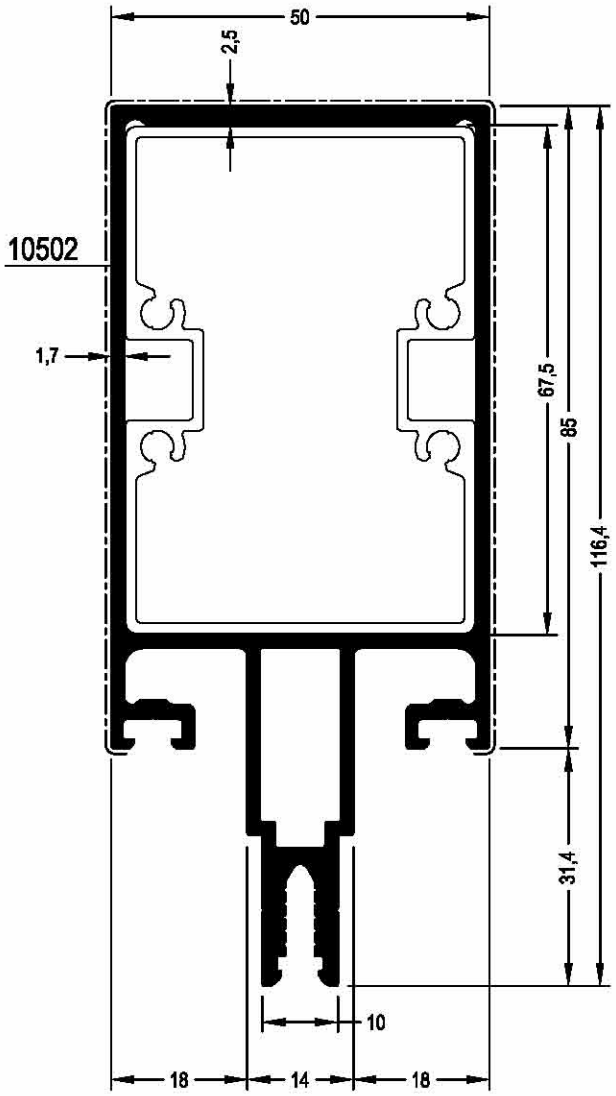
CONNECTION FOR VERTICLE	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)
	13CF08	25A1202	250

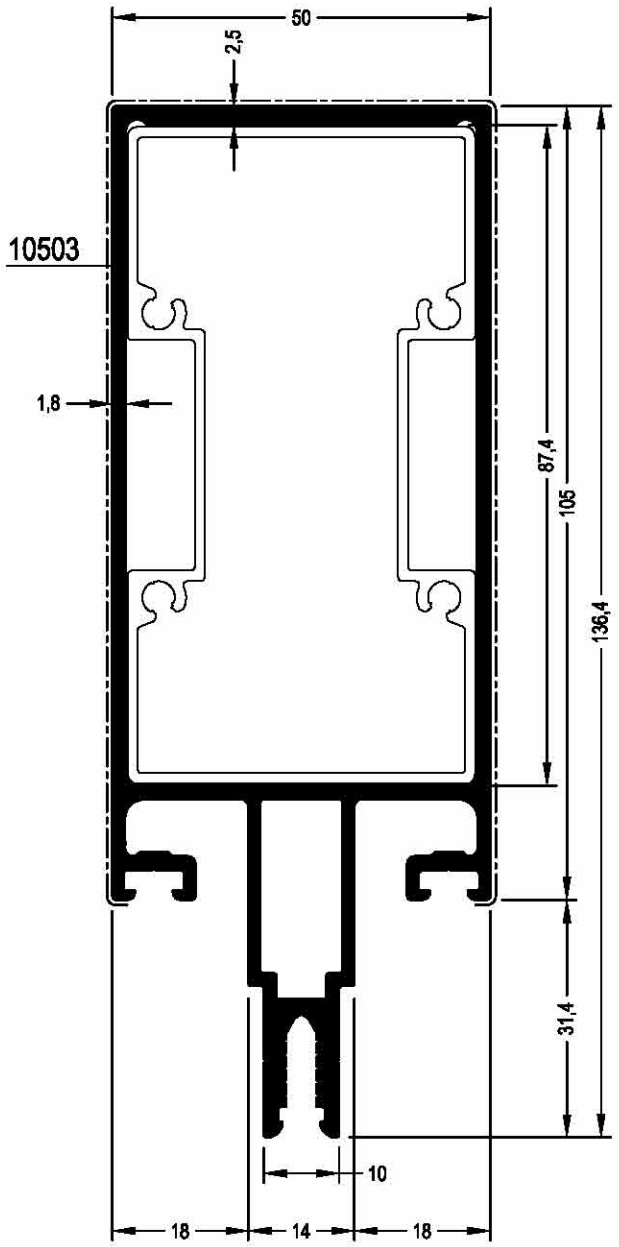
BRL Aluminium System

SYSTEM LEGEND 13'50 F

PROFILE

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

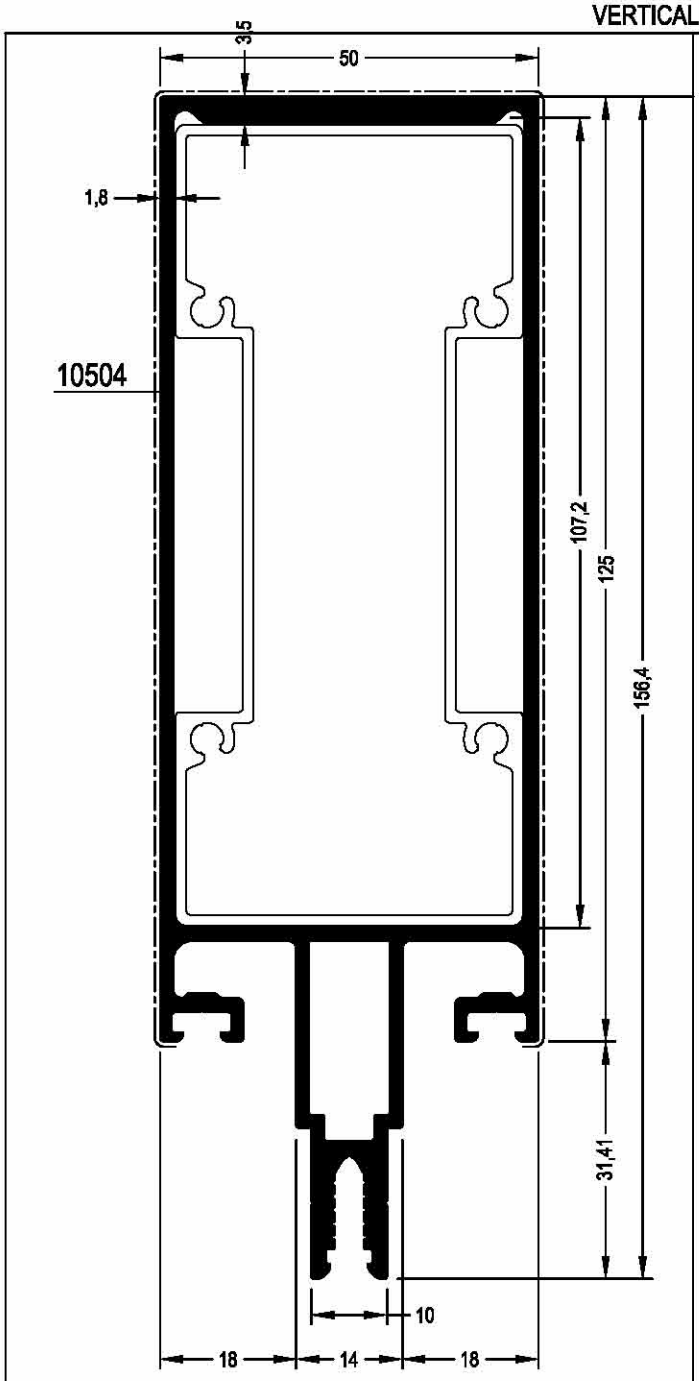
CONNECTION FOR VERTICLE	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)
	13CF10	25A1204	250

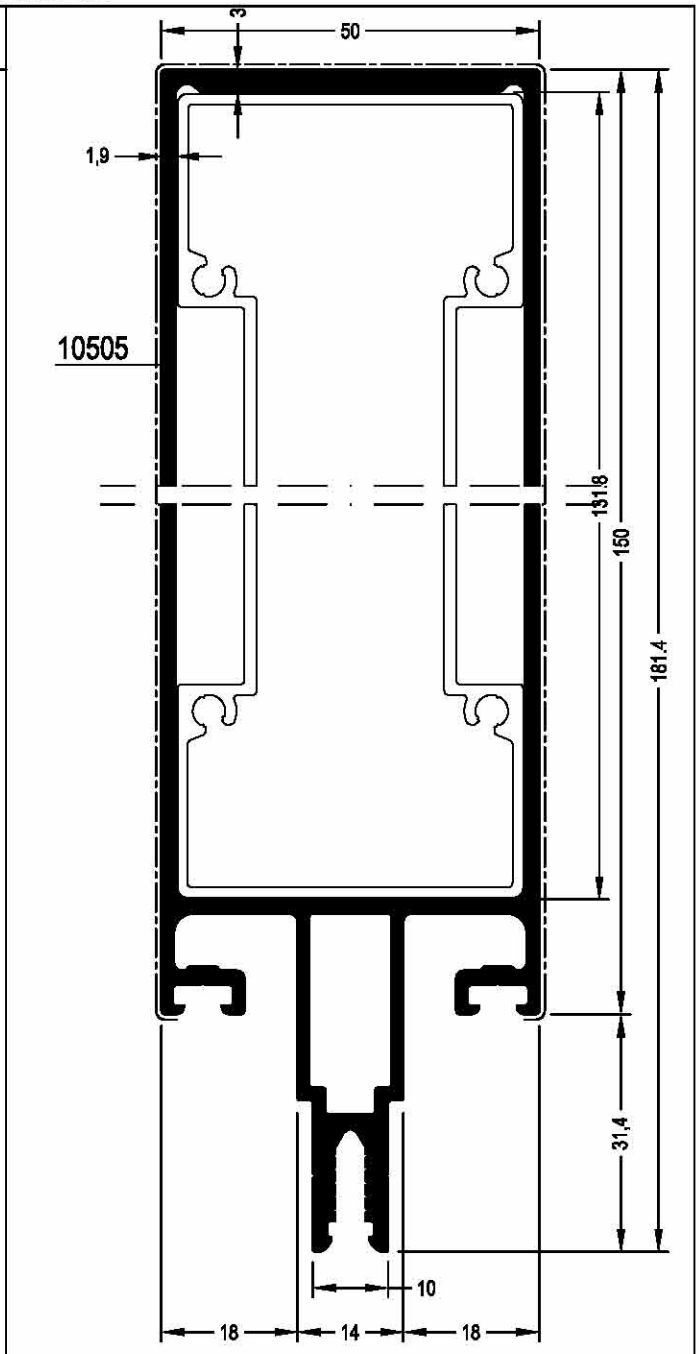
BRL Aluminium System

SYSTEM LEGEND 13'50 F

PROFILE

VERTICAL MULLION





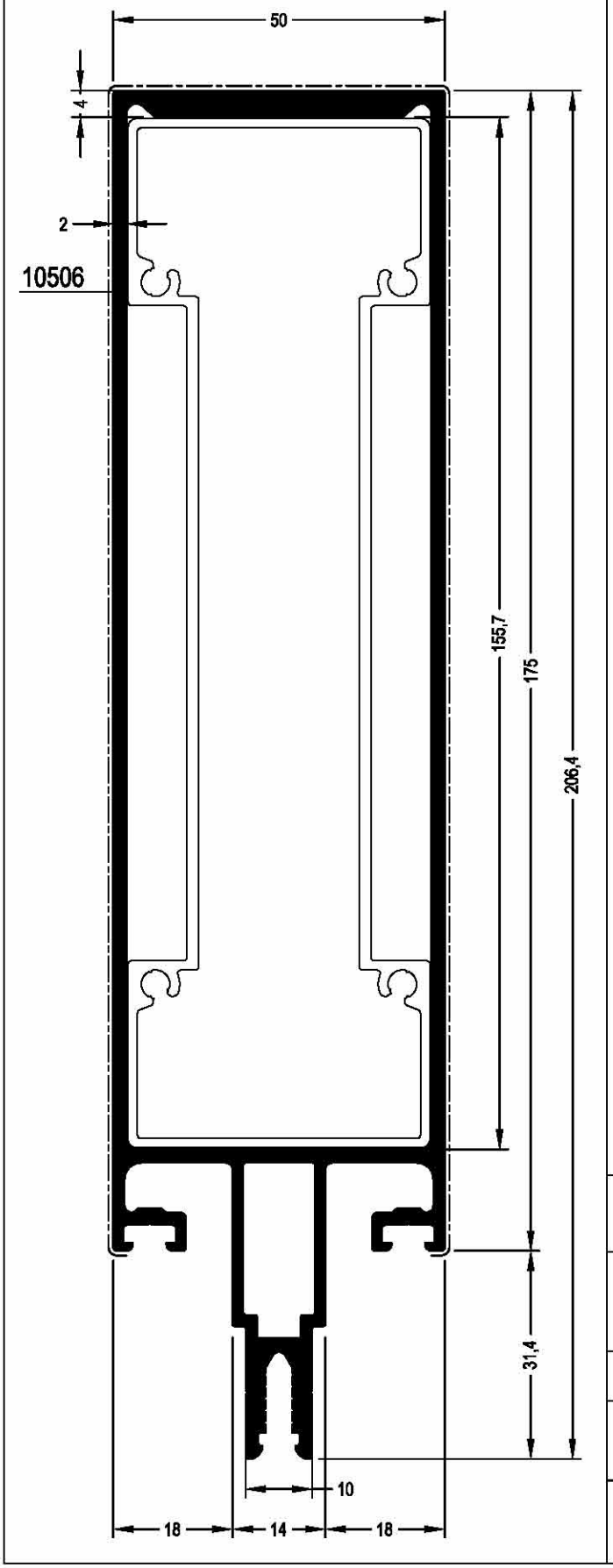
VERTICAL MULLION 50 / 125					VERTICAL MULLION 50 / 150				
PROFILE CODE	13MF05		THEORETICAL WEIGHT kg/mt	2.570	PROFILE CODE	13MF06		THEORETICAL WEIGHT kg/mt	2.847
Jxx (cm4)	Jyy (cm4)	Coating Surface (cm) 10504		Covering Surface (cm) 10504	Jxx (cm4)	Jyy (cm4)	Coating Surface (cm) 10505		Covering Surface (cm) 10505
251.290	32.511	55.889		30.502	367.866	39.202	60.889		35.502

CONNECTION FOR VERTICLE	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)	CONNECTION FOR VERTICLE	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)
	13CF11	25A1205	250		13CF12	25A1206	250

SYSTEM LEGEND 13'50 F

PROFILE

VERTICAL MULLION



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

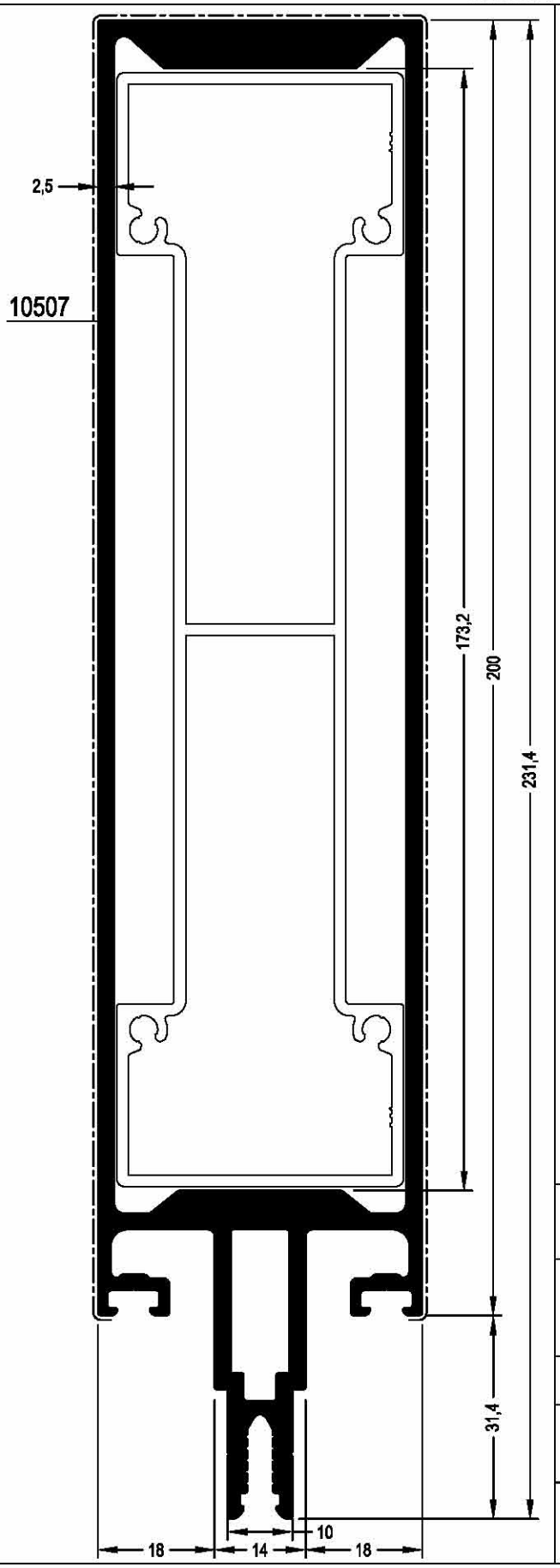
Jxx (cm4)	Jyy (cm4)	Coating Surface (cm) 10506	Covering Surface (cm) 10506
571.901	46.774	65.889	40.502

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

SYSTEM LEGEND 13'50 F

PROFILE

VERTICAL MULLION

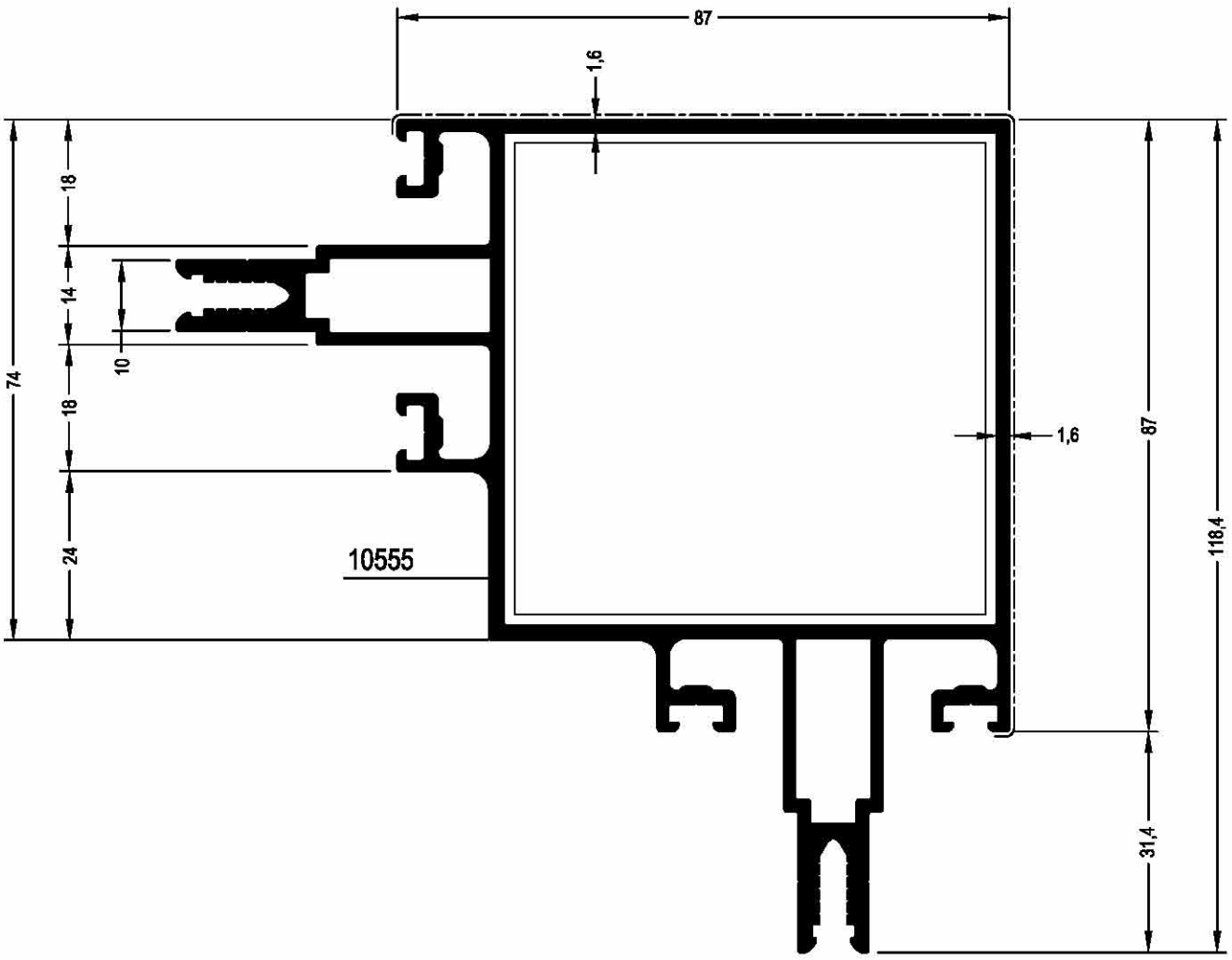


VERTICAL MULLION	50 / 200	
PROFILE CODE	13MF08	THEORETICAL WEIGHT kg/mt: 4.487

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

CONNECTION FOR VERTICLE	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)
	13CF14	25A1208	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)	Covering Surface (cm)
		10555	10555
134.845	134.845	76.487	17.876

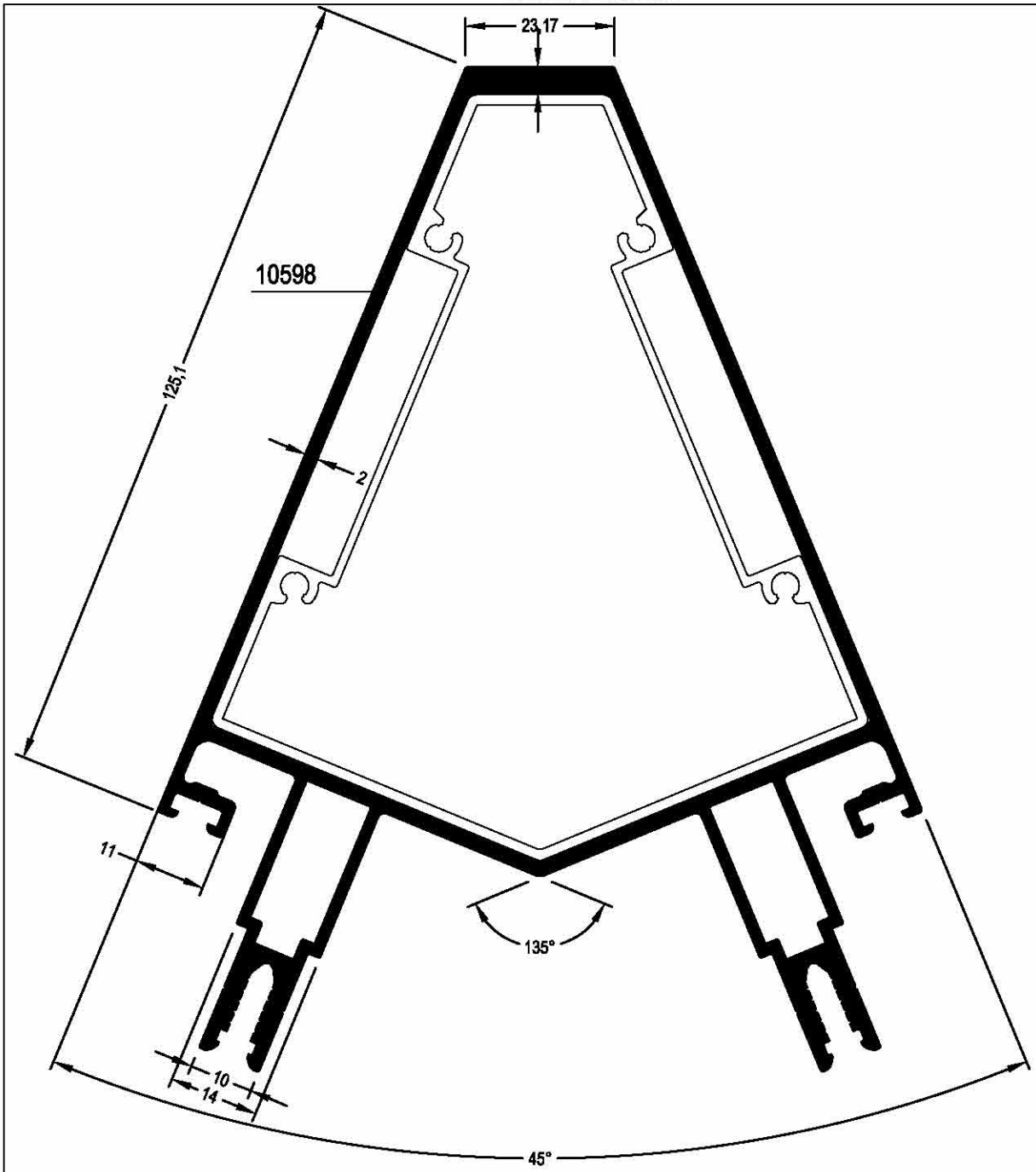
CONNECTION FOR VERTICLE	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)
	578	—	250

BRL Aluminium System

SYSTEM LEGEND 13'50 F

PROFILE

VERTICAL MULLION

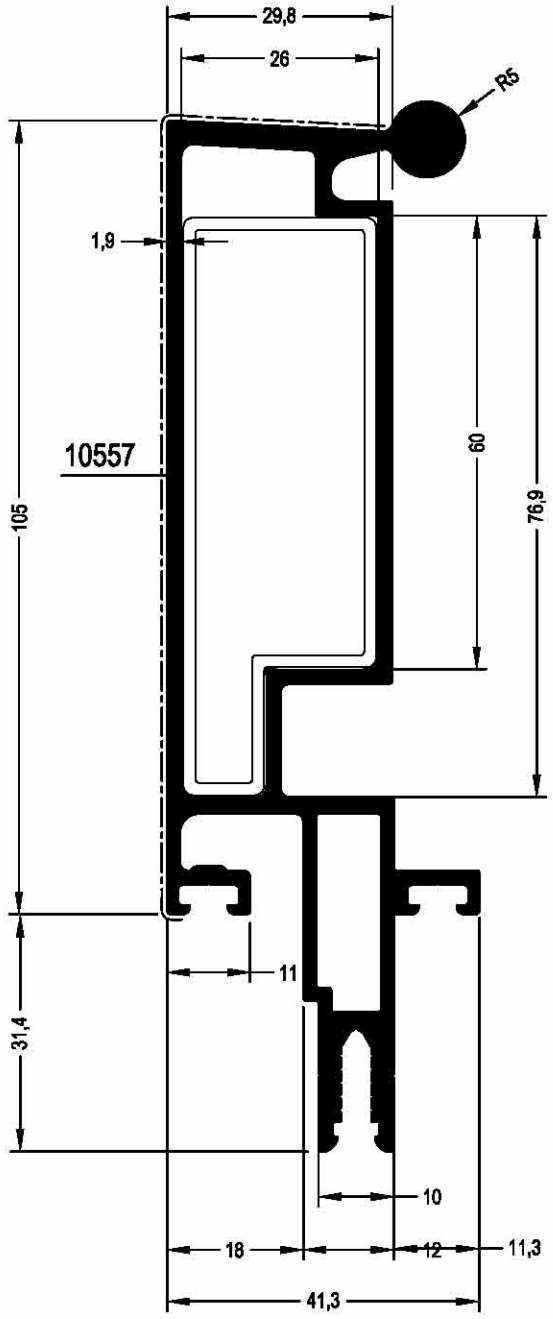


VERTICAL MULLION FOR 135° CORNER 125.1			
PROFILE CODE	13DF08	THEORETICAL WEIGHT kg/mt	3.441

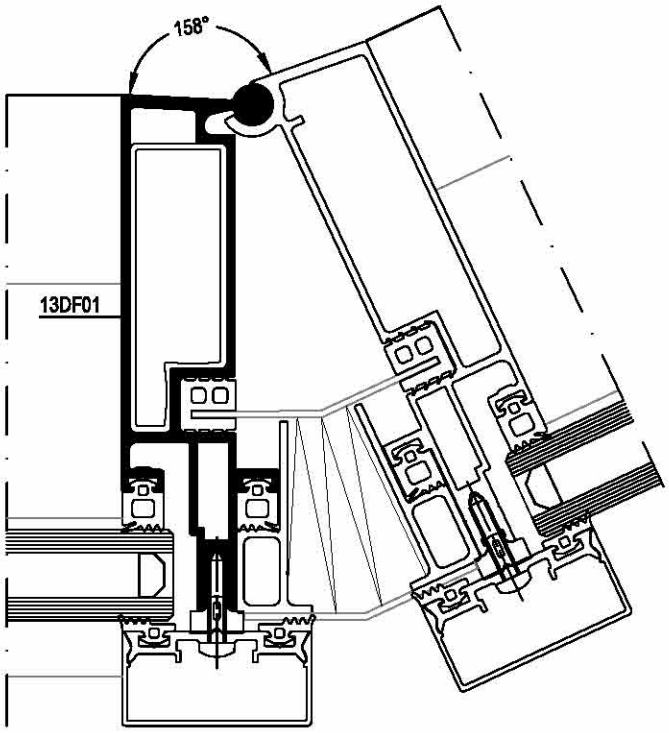
Jxx (cm4)	Jyy (cm4)	Coating Surface (cm)	Covering Surface (cm)
		10598	10598
278.698	172.253	72.444	28.814

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

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)	Covering Surface (cm)
		10557	10557
176.532	13.329	52.423	13.625

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

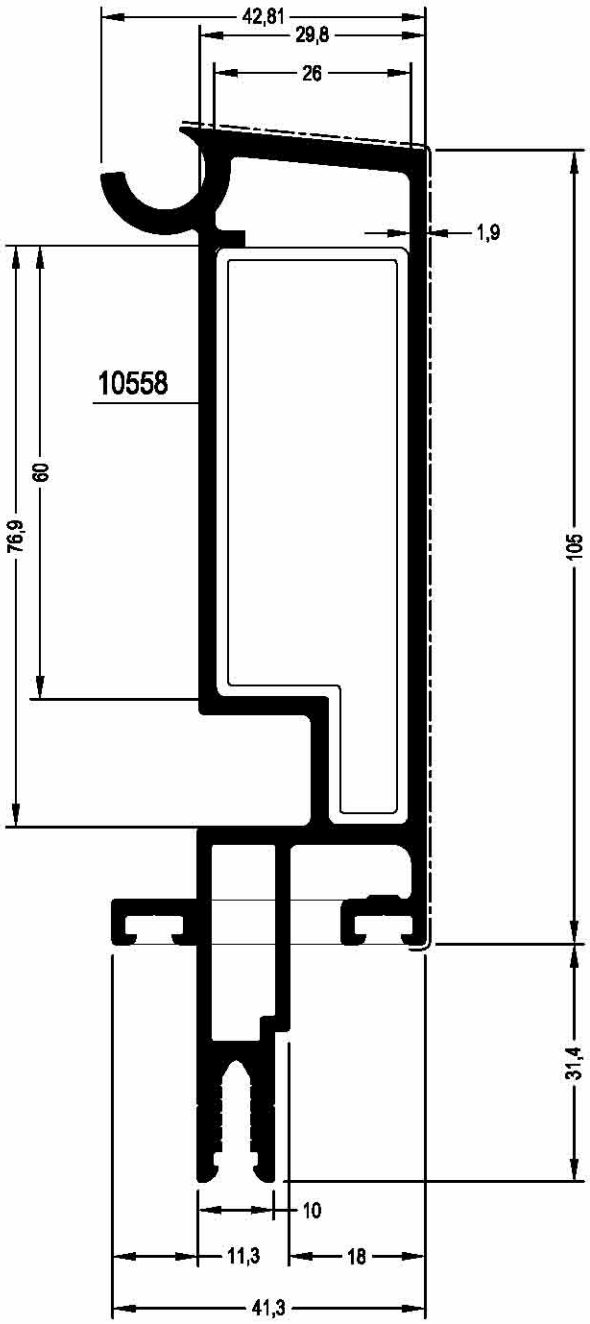
Scale : 1 / 2

BRL Aluminium System

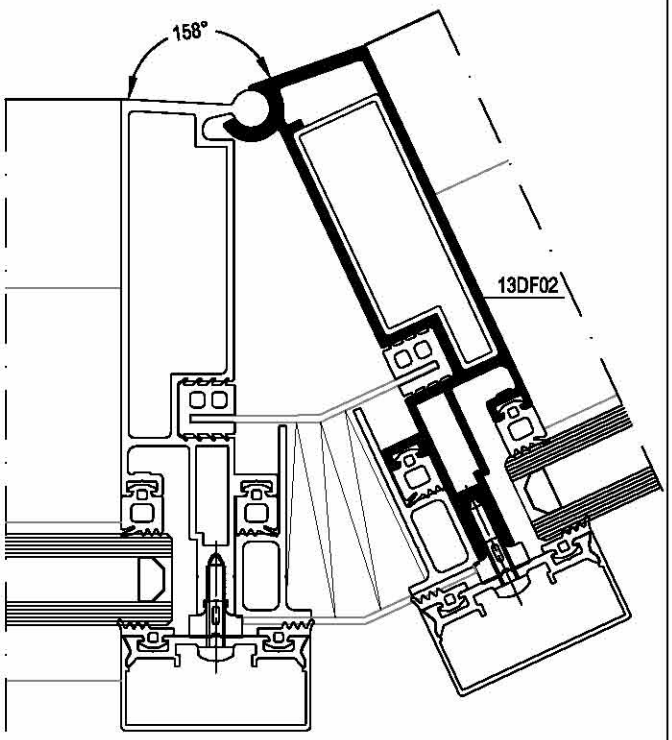
SYSTEM LEGEND 13'50 F

PROFILE

VERTICAL MULLION FOR DIFFERENT ANGLES



Outside Angle : 90° and 170°



VERTICAL MULLION FOR ANGLES 41.3 / 105

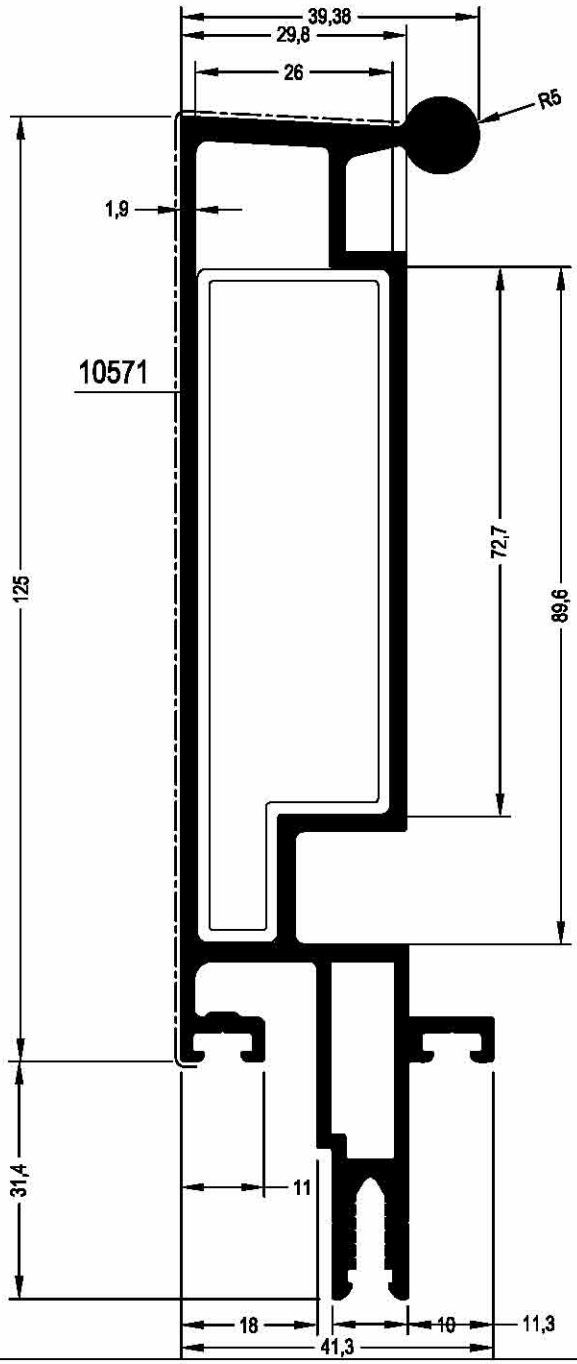
PROFILE CODE	13DF02	THEORETICAL WEIGHT kg/mt
		2.390

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

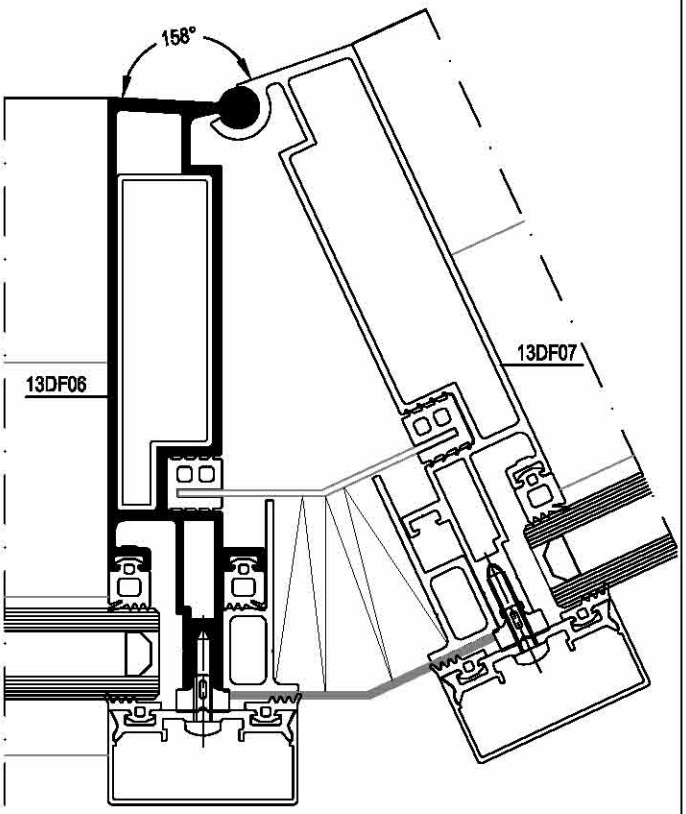
CONNECTION FOR VERTICLE	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)
	13CF03	25A1209	250

Scale : 1 / 2

VERTICAL MULLION FOR DIFFERENT ANGLES



Outside Angle : 90° and 170°



VERTICAL MULLION FOR ANGLES 41.3 / 125

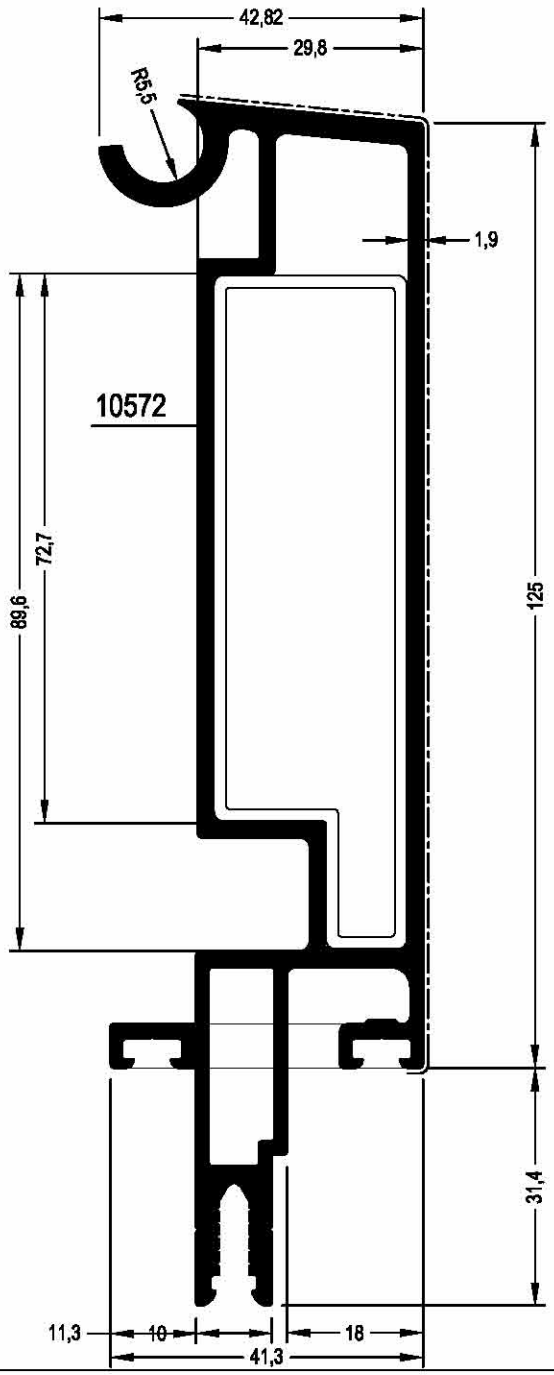
PROFILE CODE	13DF06	THEORETICAL WEIGHT kg/mt
		2.660

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

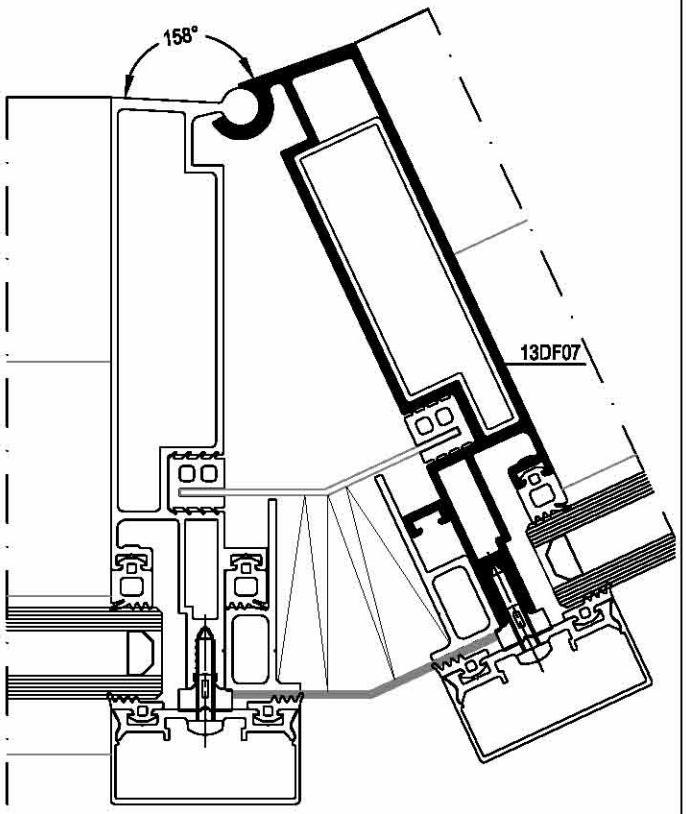
CONNECTION FOR VERTICLE	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)
	13CF02	25A1211	250

Scale : 1 / 2

VERTICAL MULLION FOR DIFFERENT ANGLES



Outside Angle : 90° and 170°



VERTICAL MULLION FOR ANGLES 41.3 / 125

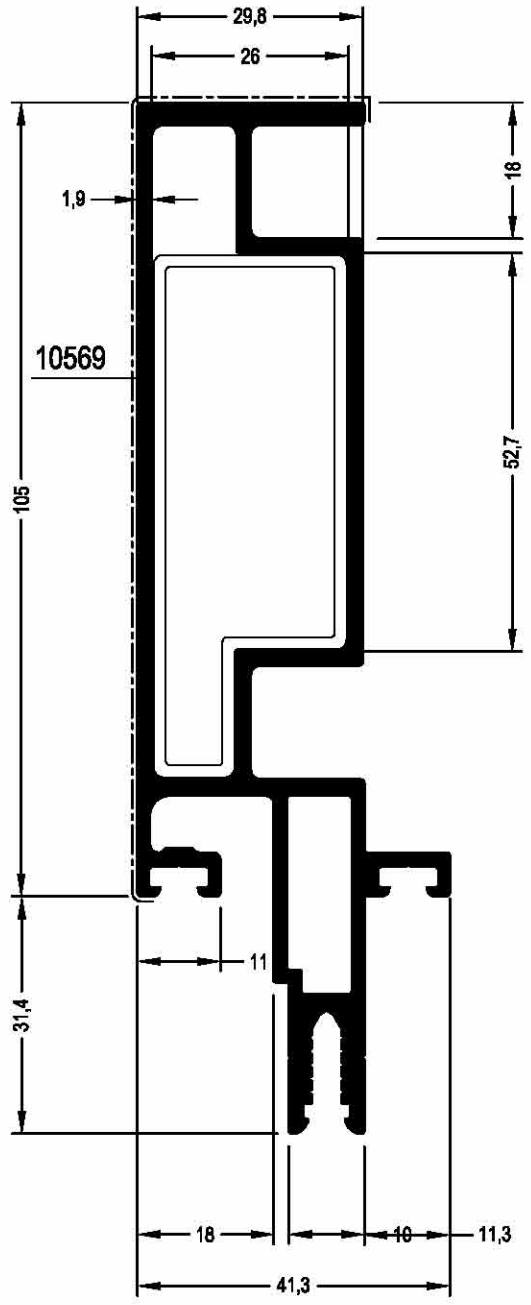
PROFILE CODE	13DF07	THEORETICAL WEIGHT kg/mt
		2.661

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

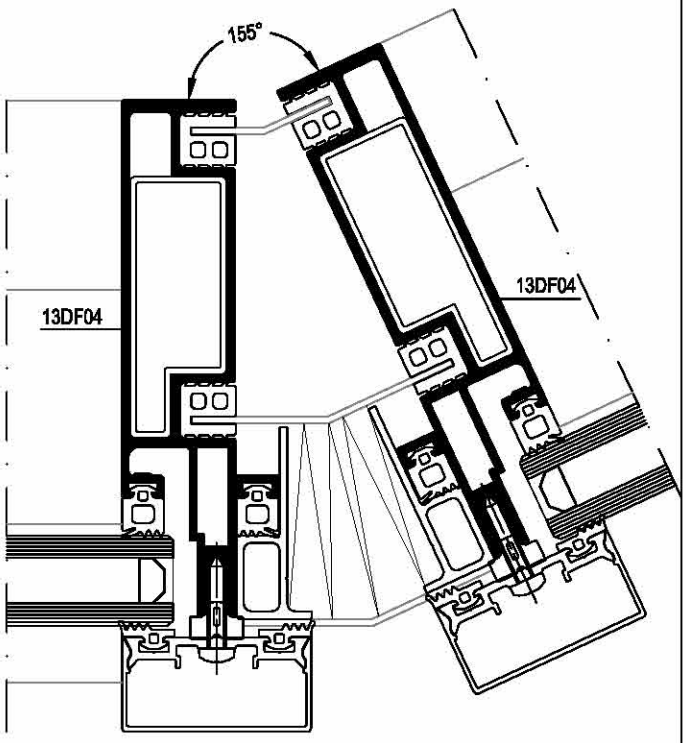
CONNECTION FOR VERTICLE	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)
	13CF02	25A1211	250

Scale : 1 / 2

VERTICAL MULLION FOR DIFFERENT ANGLES



Outside Angle : 90° and 180°



VERTICAL MULLION FOR ANGLES 41.3 / 105

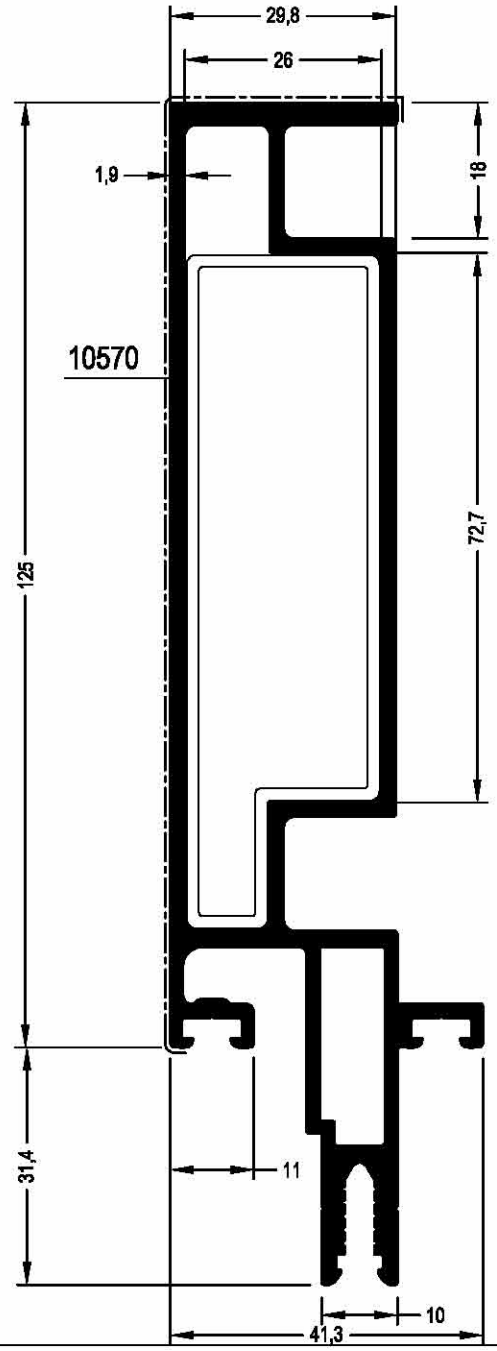
PROFILE CODE	13DF04	THEORETICAL WEIGHT kg/mt
		2.279

Jxx (cm4)	Jyy (cm4)	Coating Surface (cm)	Covering Surface (cm)
		10569	10569
148.931	10.053	51.501	14.061

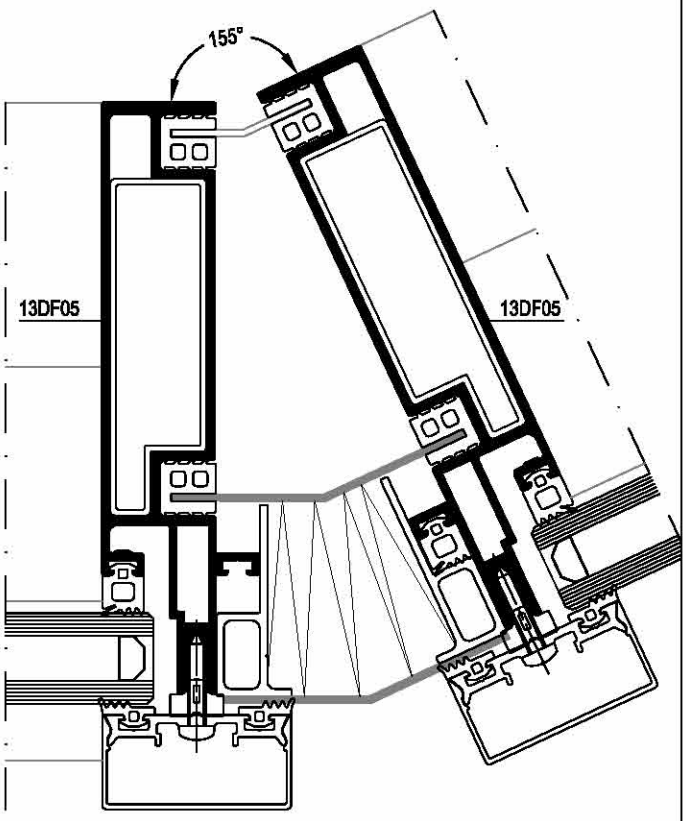
CONNECTION FOR VERTICLE	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)
	13CF01	25A1210	250

Scale : 1 / 2

VERTICAL MULLION FOR DIFFERENT ANGLES



Outside Angle : 90° and 180°



VERTICAL MULLION FOR ANGLES 41.3 / 125

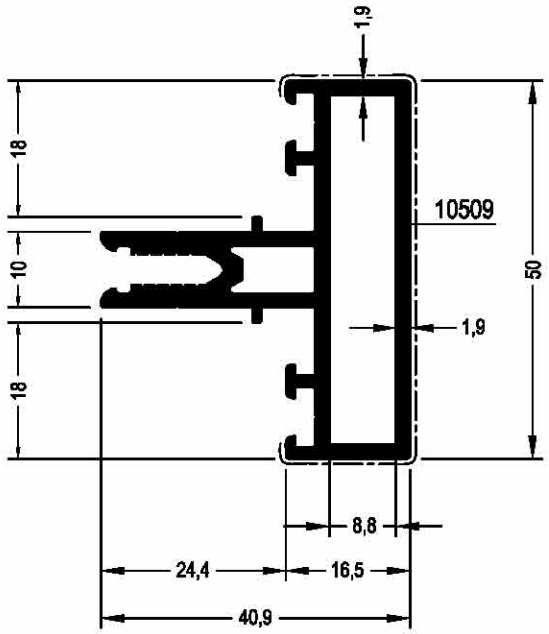
PROFILE CODE	13DF05	THEORETICAL WEIGHT kg/mt
		2.485

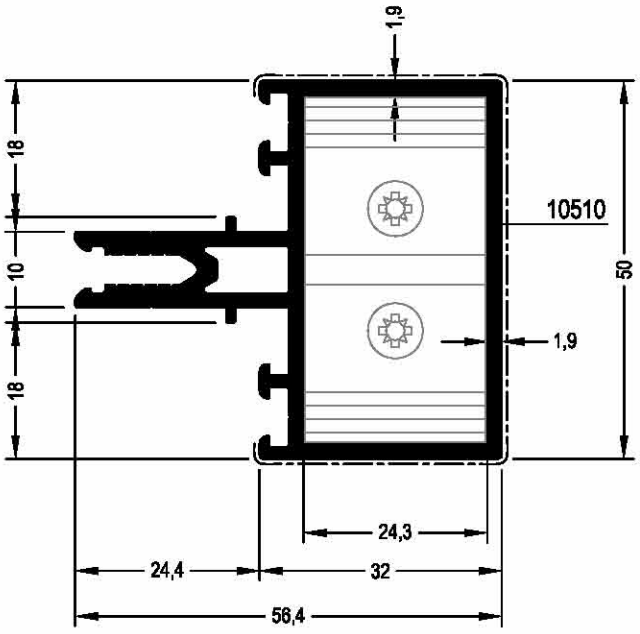
Jxx (cm4)	Jyy (cm4)	Coating Surface (cm)	Covering Surface (cm)
		10570	10570
219.341	11.648	55.501	16.061

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

Scale : 1 / 2

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	—	—	—
	—	—	—

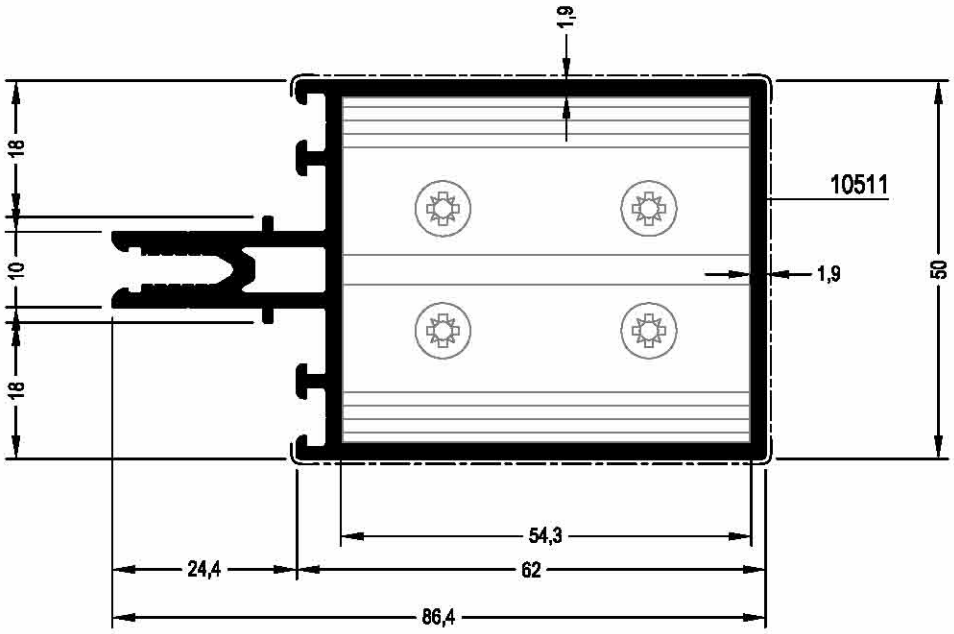
HORIZONTAL MULLION 50 / 32

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

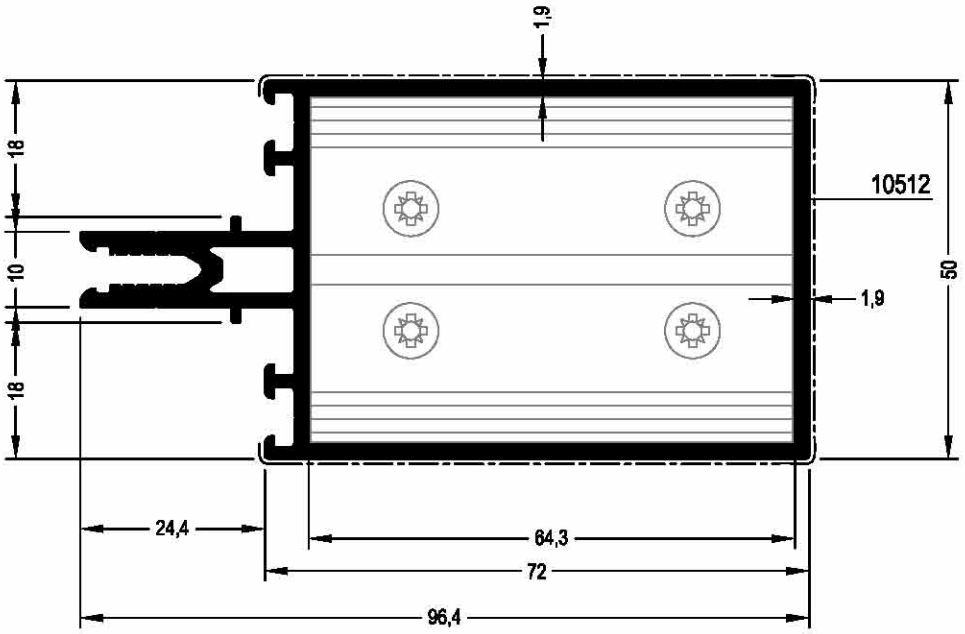
HORIZONTAL MULLION



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

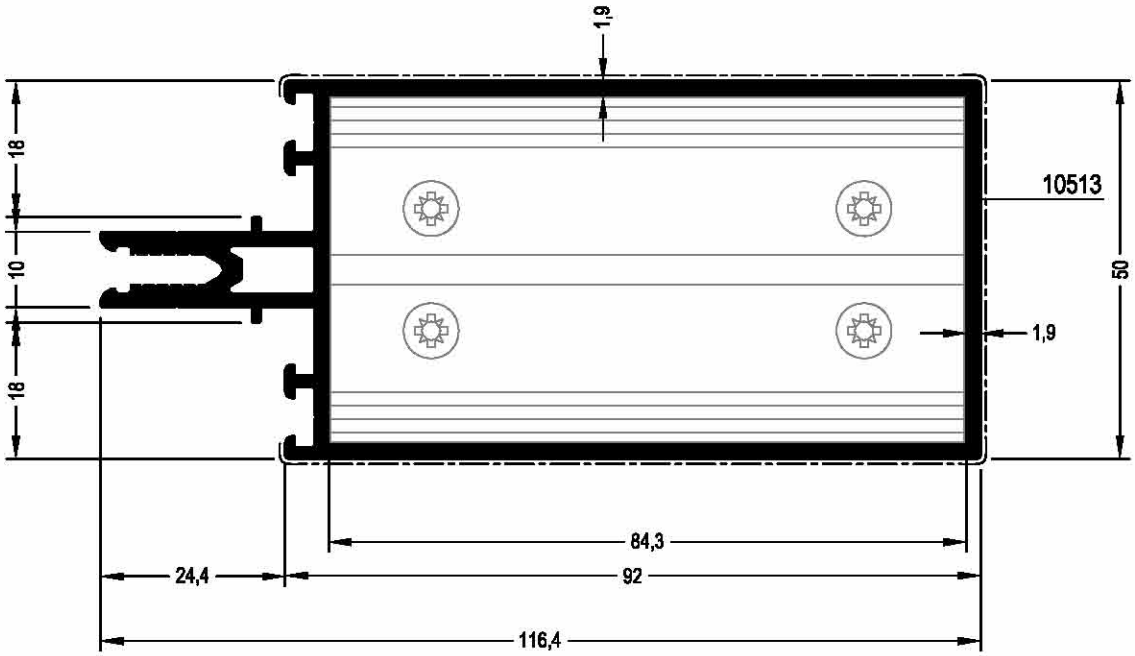
HORIZONTAL MULLION



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

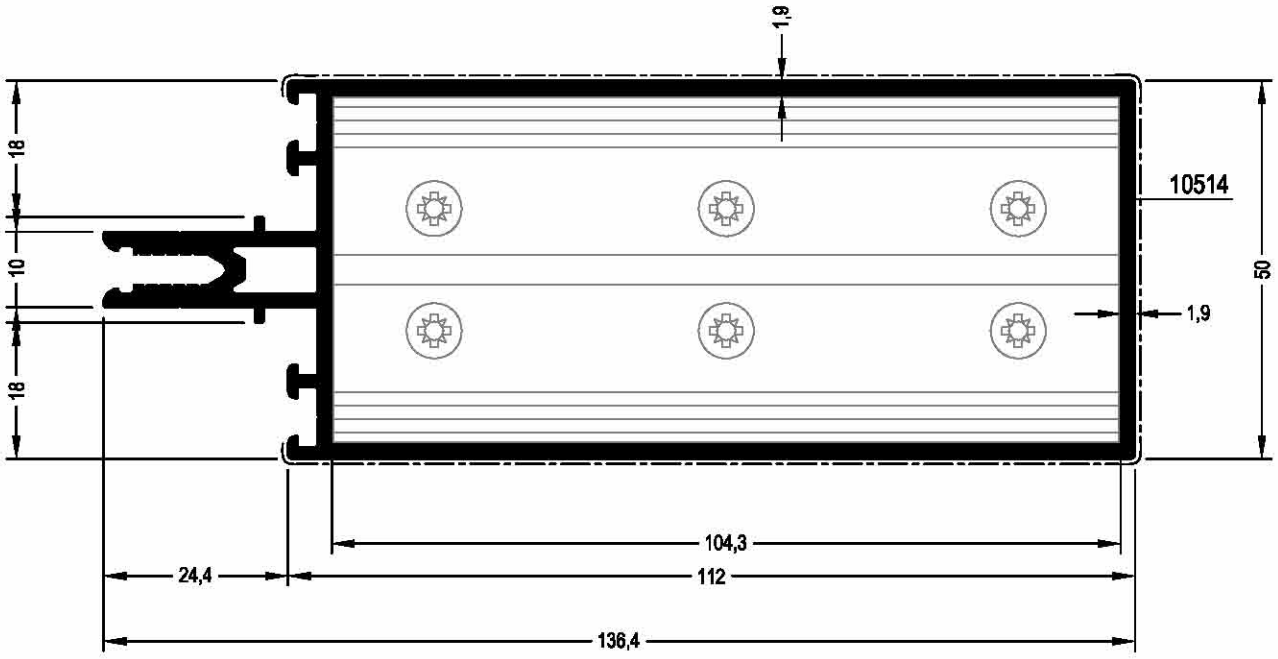


HORIZONTAL MULLION 50 / 92			
PROFILE CODE	13TF05		THEORETICAL WEIGHT kg/mt 1.887

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

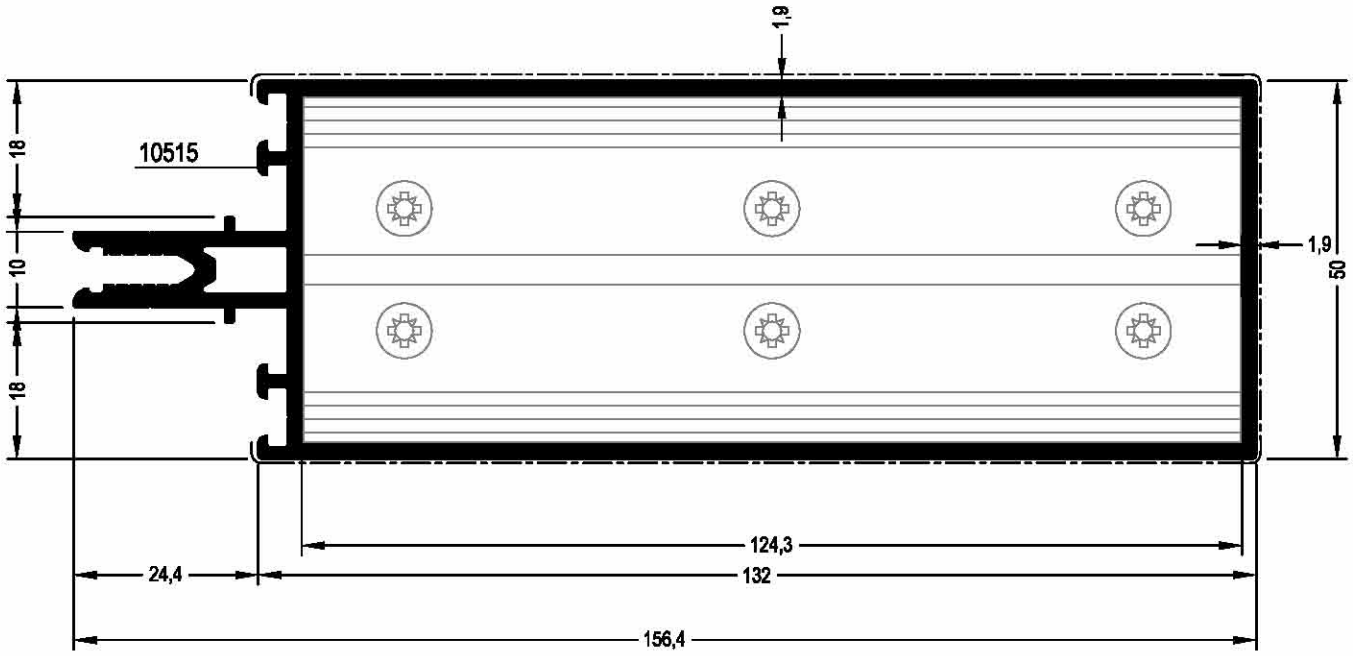
HORIZONTAL MULLION



HORIZONTAL MULLION 50 / 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

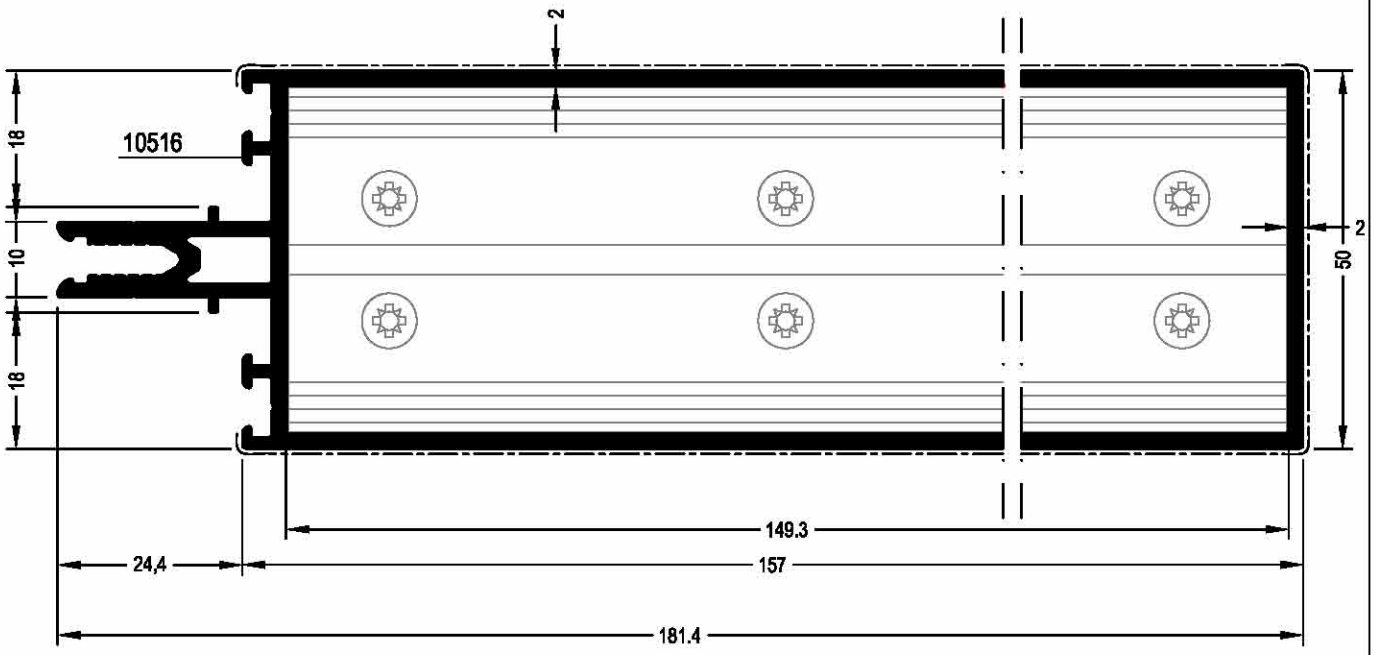
HORIZONTAL MULLION



HORIZONTAL MULLION 50 / 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

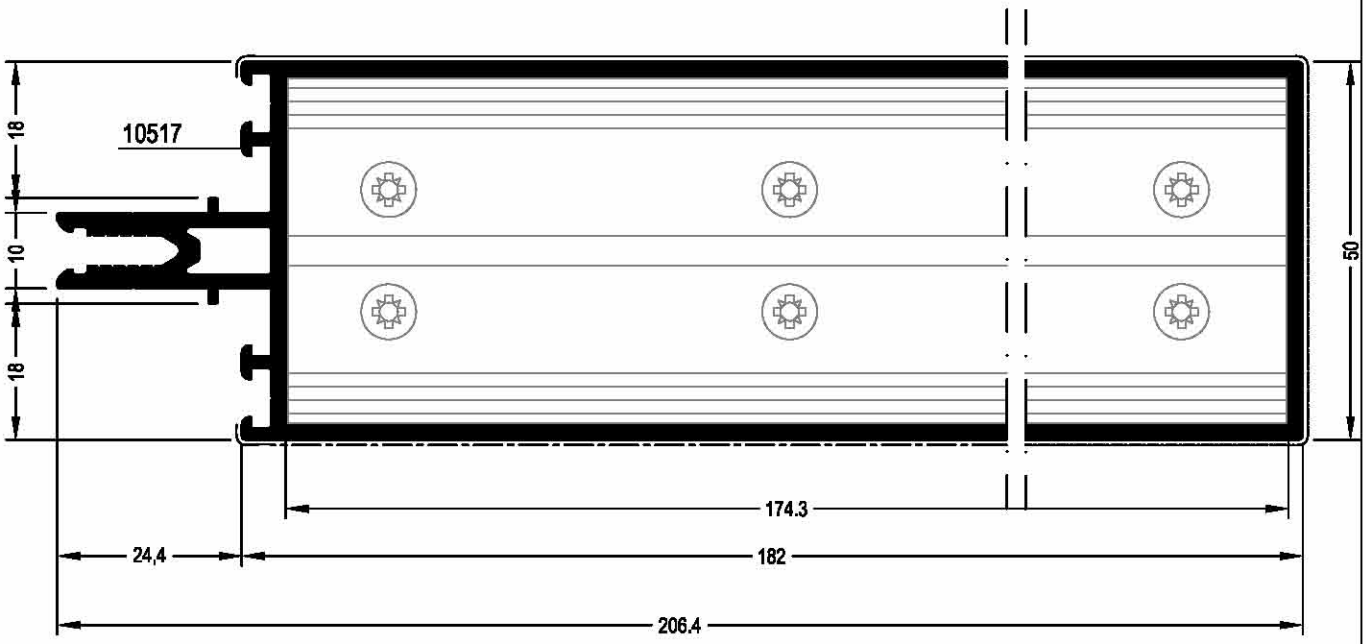


HORIZONTAL MULLION 50 / 157			
PROFILE CODE	13TF08		THEORETICAL WEIGHT kg/mt 2.662

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

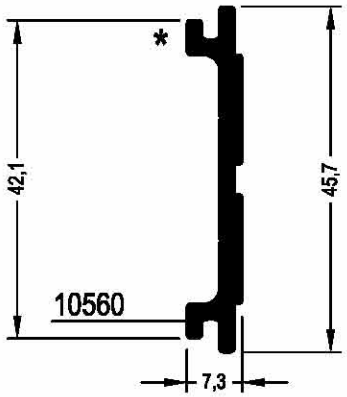
HORIZONTAL MULLION



HORIZONTAL MULLION 50 / 182			
PROFILE CODE	13TF09		THEORETICAL WEIGHT kg/mt 2.814
Jxx (cm4)	Jyy (cm4)	Coating Surface (cm) 10517	Covering Surface (cm) 10517
473.017	43.749	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 CONNECTION

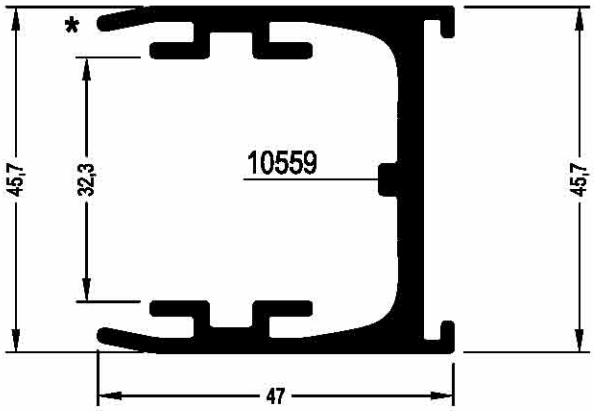


* pressed profile

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	—	-----

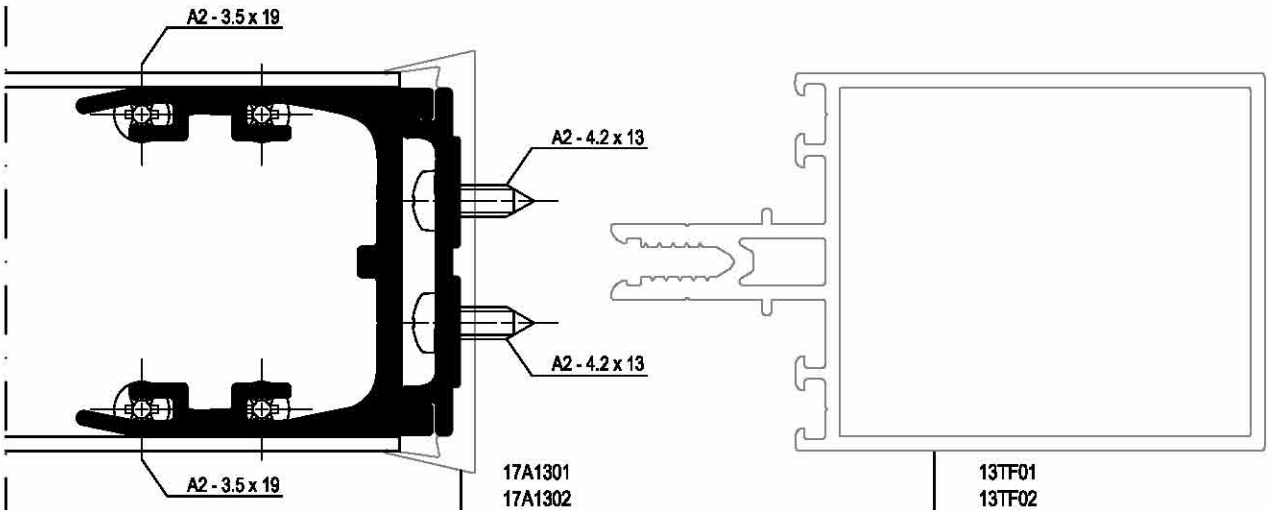


* pressed profile

HORIZONTAL CONNECTION 47 / 45.7

PROFILE CODE	13CF05	THEORETICAL WEIGHT kg/mt	1.214

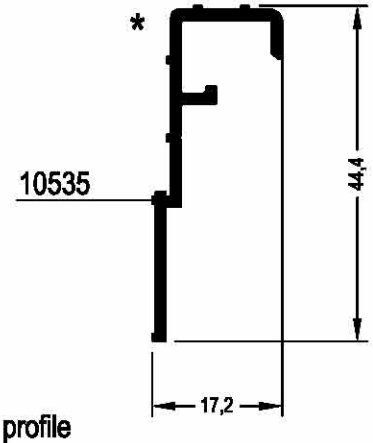
APPLICATION PROFILE	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)
	13CF06	—	—



17A1301
17A1302
17A1303
17A1304
17A1305
17A1306
17A1307
17A1308
17A1309

13TF01
13TF02
13TF03
13TF04
13TF05
13TF06
13TF07
13TF08
13TF09

VERTICAL CONNECTION

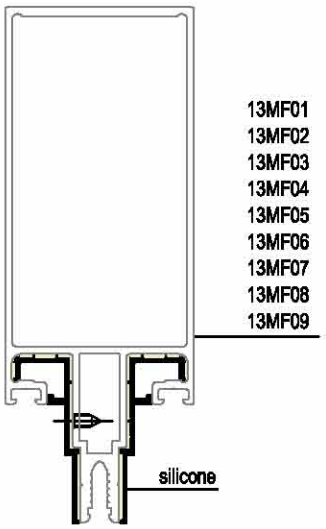


* pressed profile

CONDENS CONNECTION 17.2 / 44.4

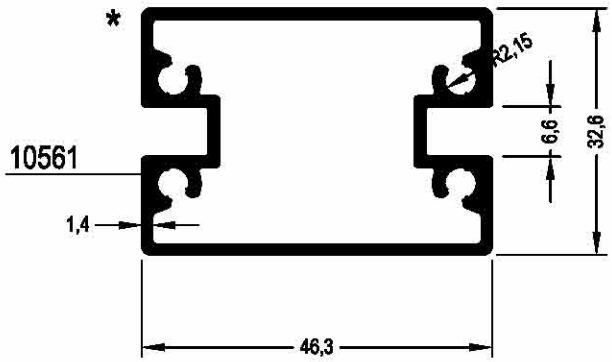
PROFILE CODE	13CF04	THEORETICAL WEIGHT kg/mt
		0.260

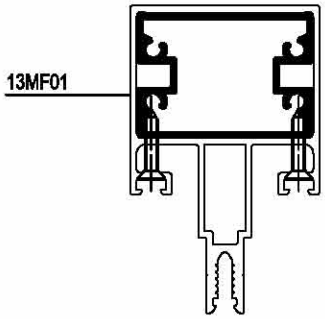
APPLICATION PROFILE	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)
	vertical mullions	25A1212	250



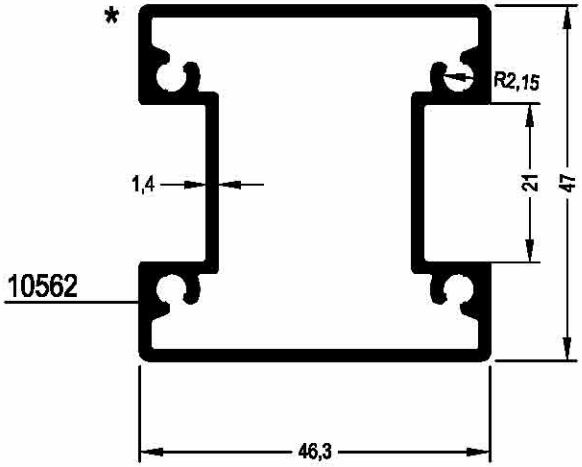
Scale : 1 / 2

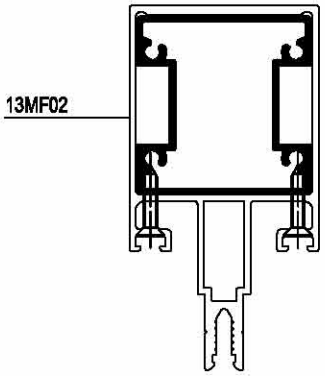
VERTICAL CONNECTION





* pressed profile



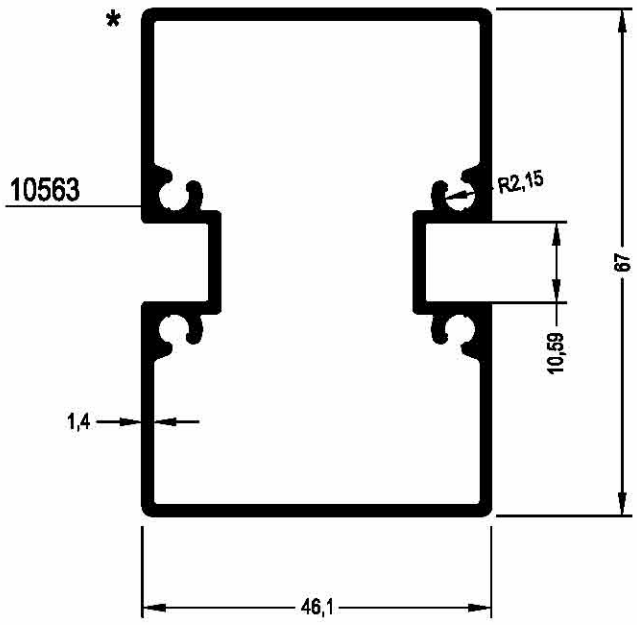


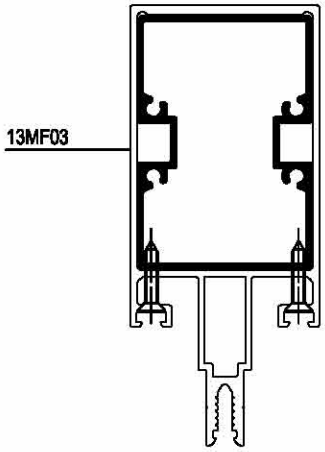
* pressed profile

VERTICAL CONNECTION 46.3 / 32.6			VERTICAL CONNECTION 46.3 / 47		
PROFILE CODE	13CF07	THEORETICAL WEIGHT kg/mt	PROFILE CODE	13CF08	THEORETICAL WEIGHT kg/mt
		0.866			0.976

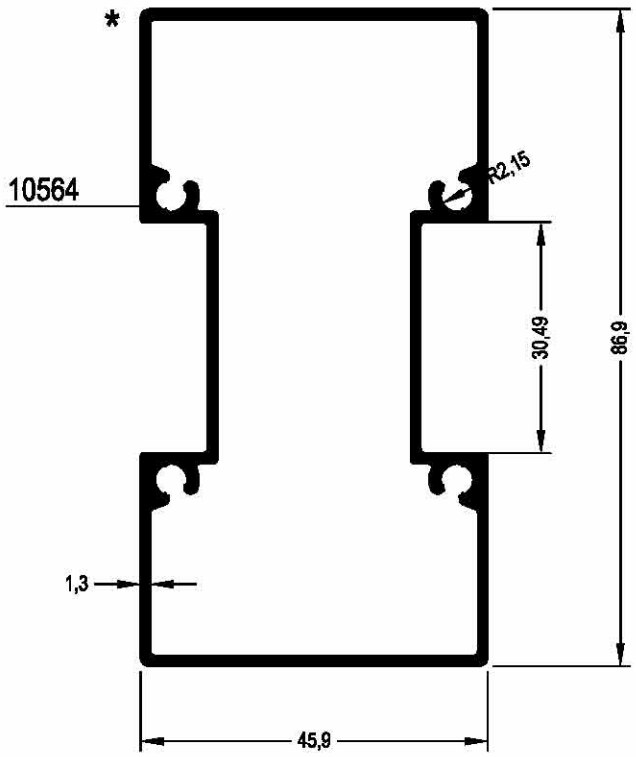
APPLICATION PROFILE	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)	APPLICATION PROFILE	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)
	13MF01	25A1201	250		13MF02	25A1202	250

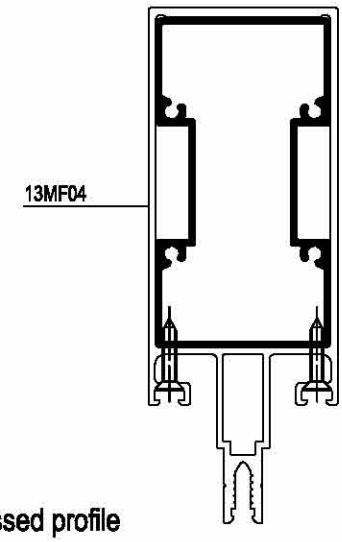
VERTICAL CONNECTION





* pressed profile





* pressed profile

VERTICAL CONNECTION 46.1 / 67							
PROFILE CODE	13CF09	THEORETICAL WEIGHT kg/mt	1.126				
APPLICATION PROFILE	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)				
	13MF03	25A1203	250				

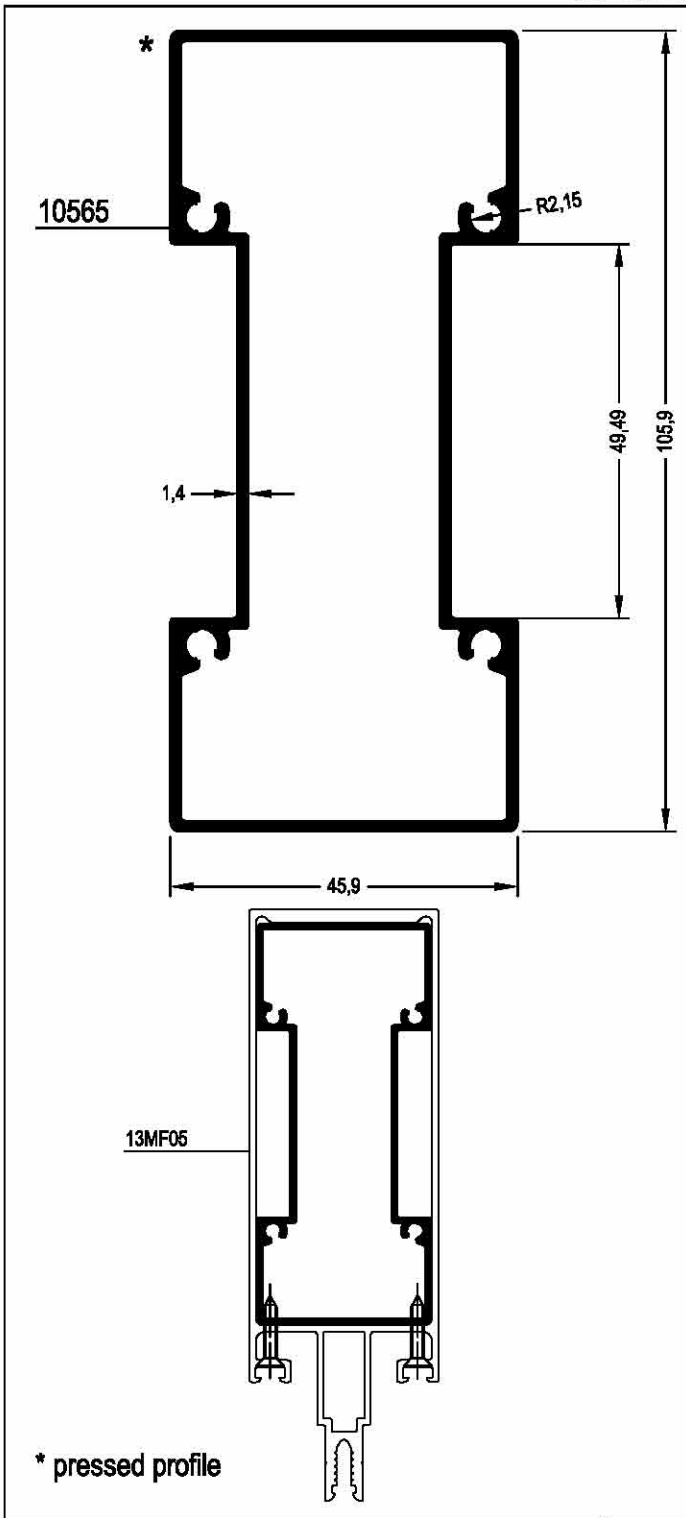
VERTICAL CONNECTION 45.9 / 86.9							
PROFILE CODE	13CF10	THEORETICAL WEIGHT kg/mt	1.230				
APPLICATION PROFILE	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)				
	13MF04	25A1204	250				

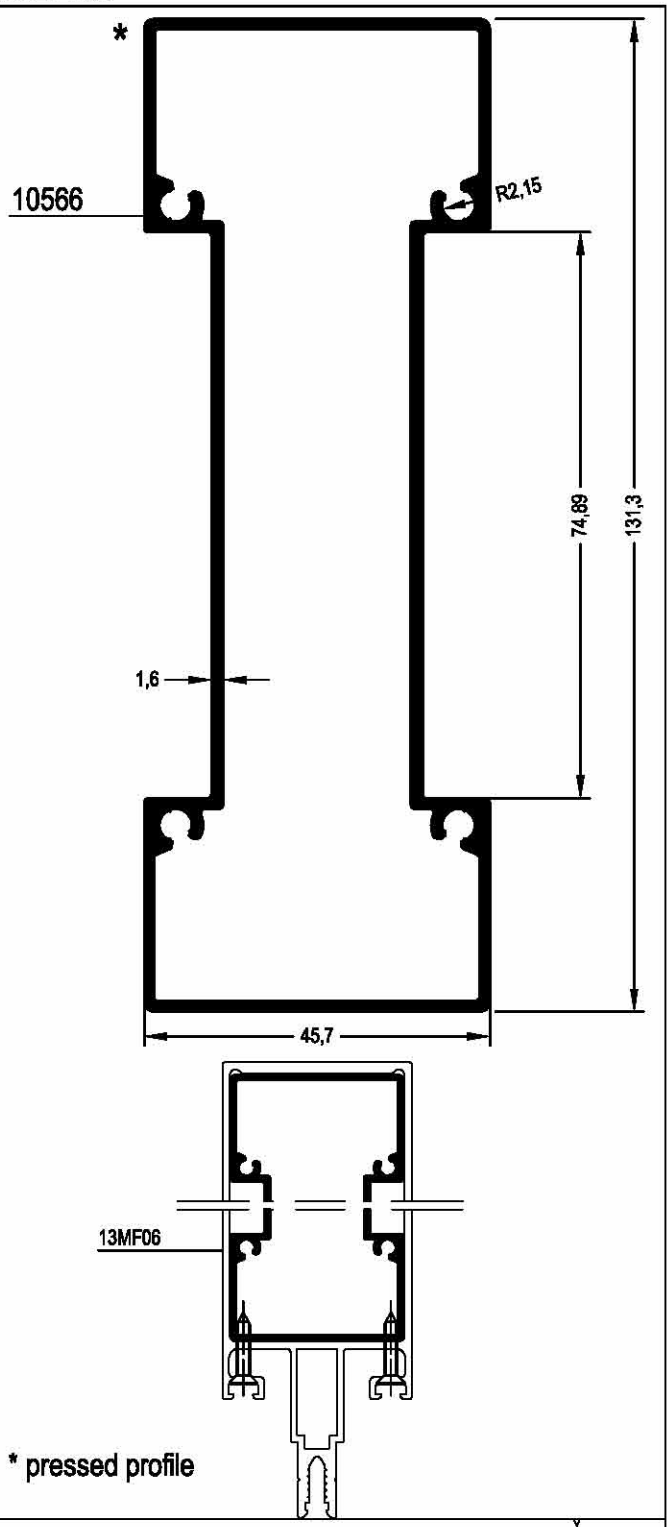
BRL Aluminium System

SYSTEM LEGEND 13'50 F

PROFILE

VERTICAL CONNECTION

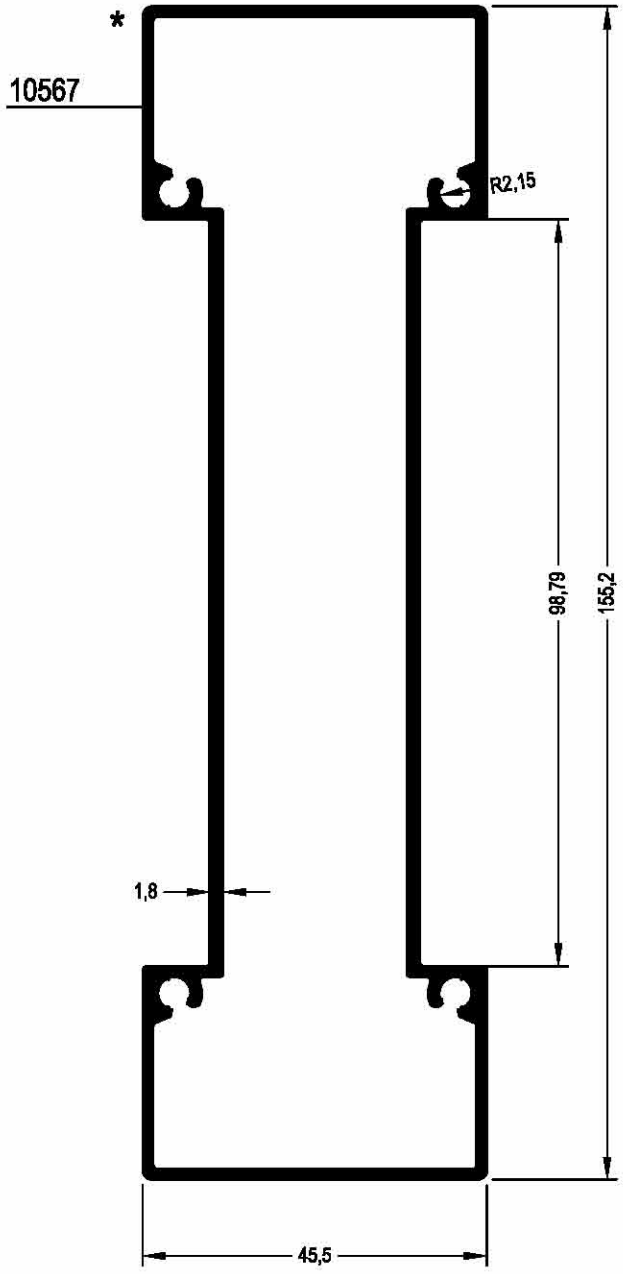


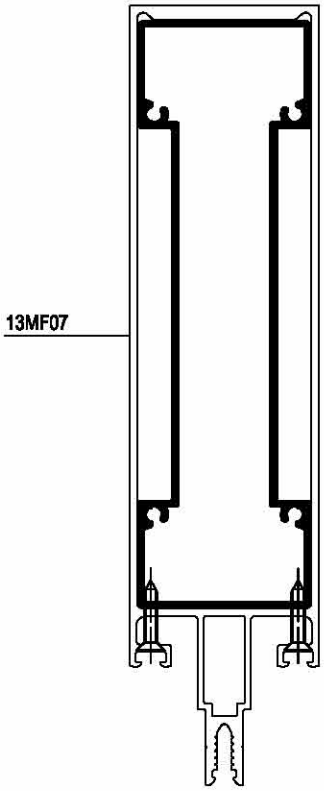


VERTICAL CONNECTION 45.9 / 105.9			VERTICAL CONNECTION 45.7 / 131.3		
PROFILE CODE	13CF11	THEORETICAL WEIGHT kg/mt	PROFILE CODE	13CF12	THEORETICAL WEIGHT kg/mt
		1.419			1.689

APPLICATION PROFILE	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)	APPLICATION PROFILE	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)
	13MF05	25A1205	250		13MF06	25A1206	250

VERTICAL CONNECTION





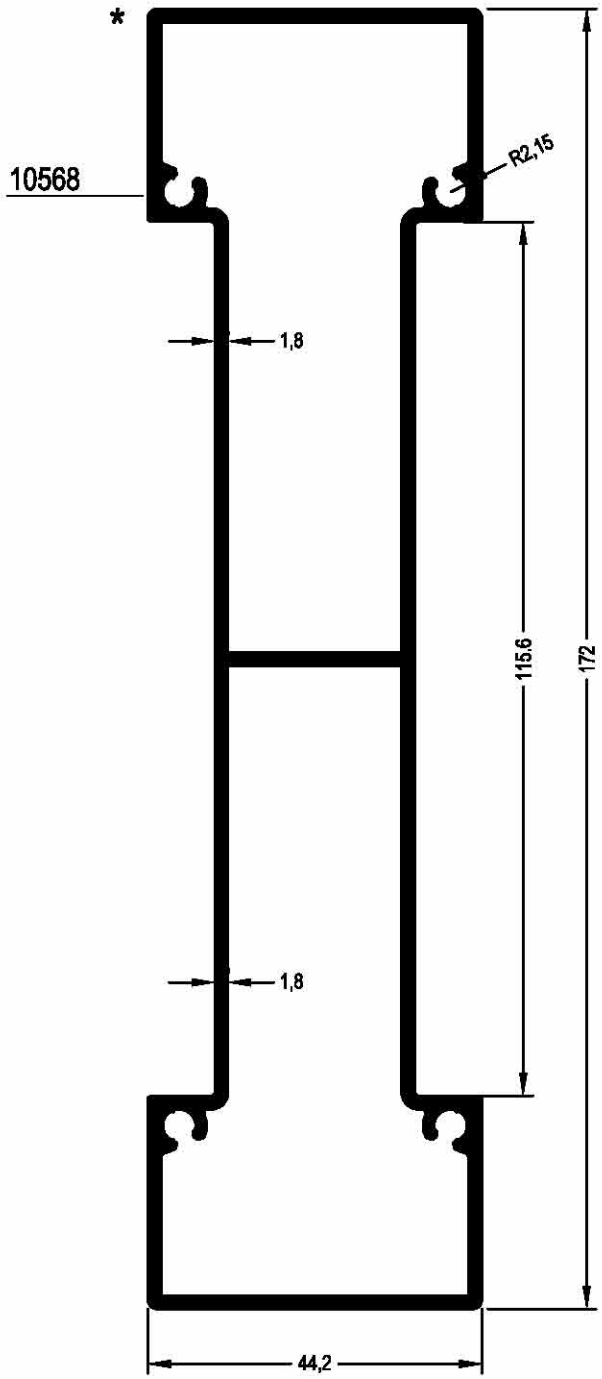
* pressed profile

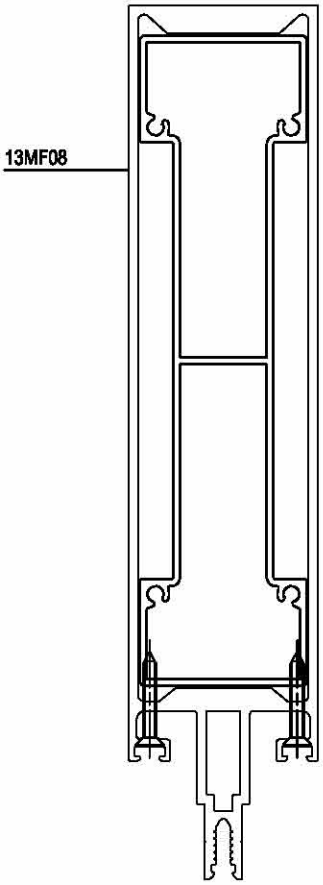
VERTICAL CONNECTION 45.5 / 155.2 x—x

PROFILE CODE	13CF13	THEORETICAL WEIGHT kg/mt
		2.011

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

VERTICAL CONNECTION





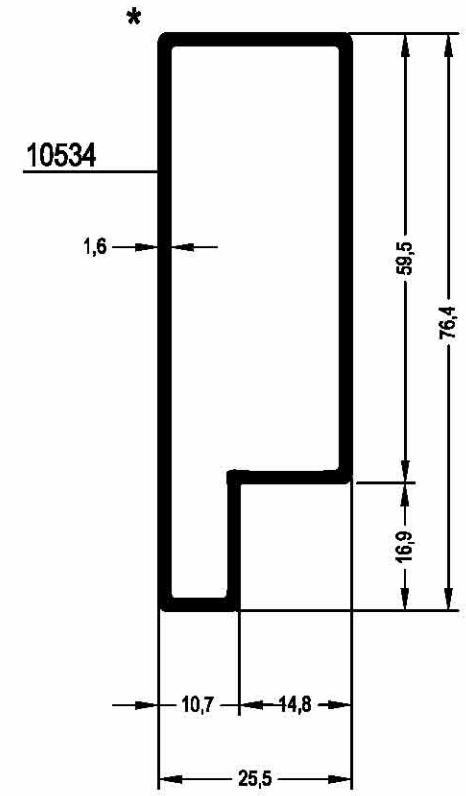
* pressed profile

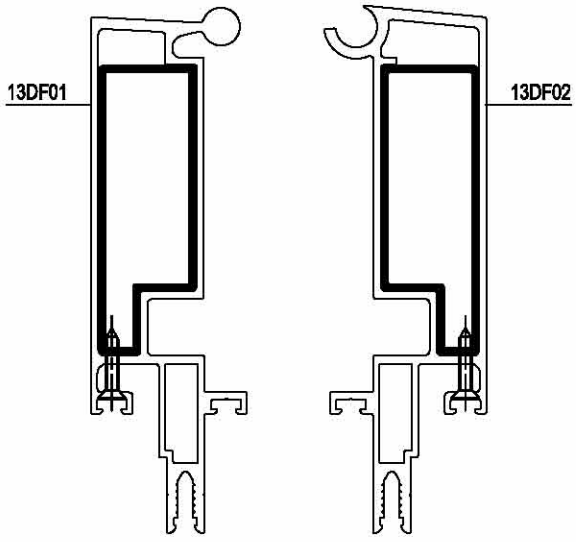
VERTICAL CONNECTION 44.2 / 172

PROFILE CODE	13CF14	THEORETICAL WEIGHT kg/mt
		2.467

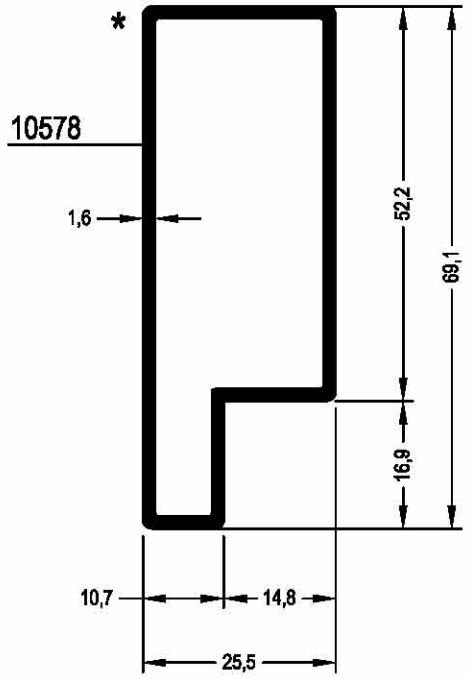
APPLICATION PROFILE	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)
	13MF08	25A1208	250

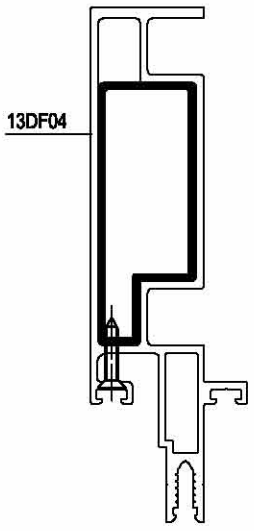
VERTICAL CONNECTION





* pressed profile

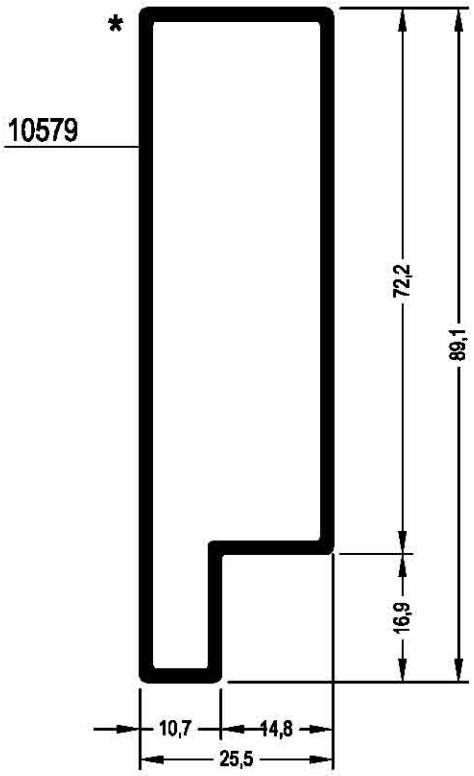


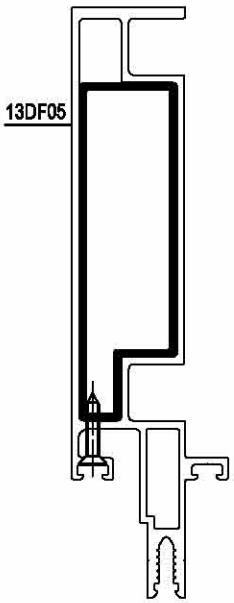


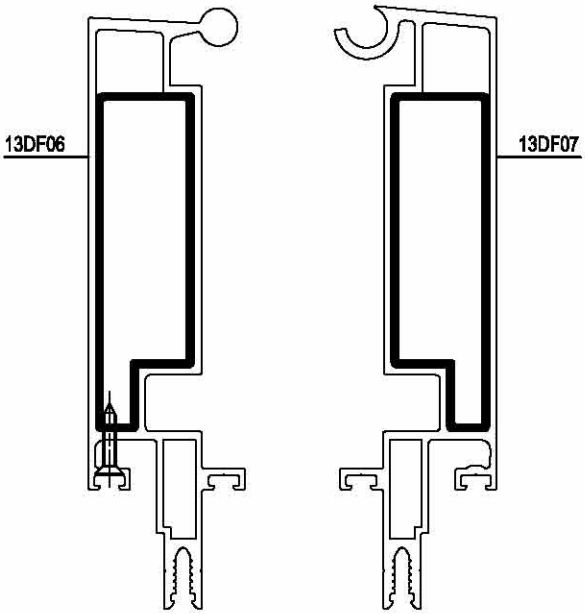
* pressed profile

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)			APPLICATION PROFILE	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)		
	13DF01	25A1209	250				13DF04	25A1210	250		
	13DF02	25A1209	250								

VERTICAL CONNECTION







* pressed profile

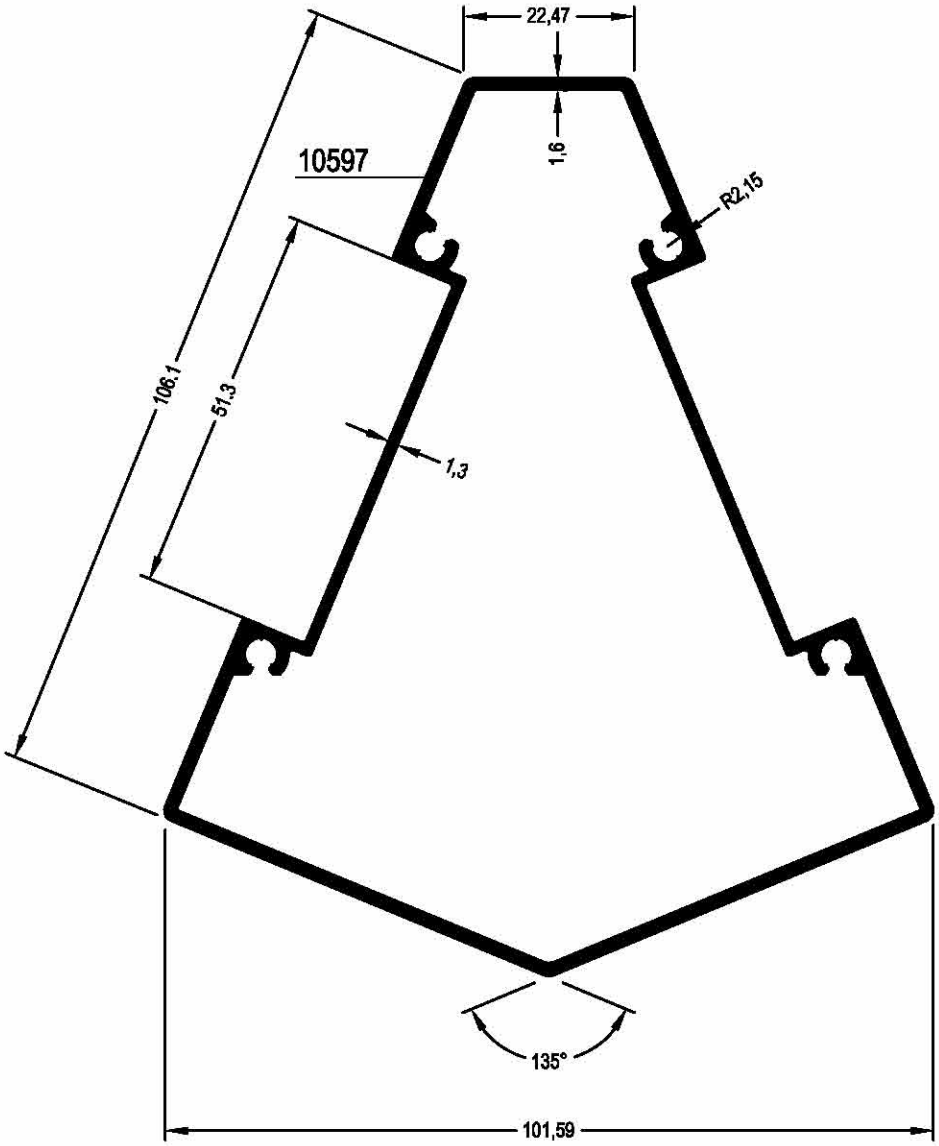
VERTICAL CONNECTION 25.5 / 89.1

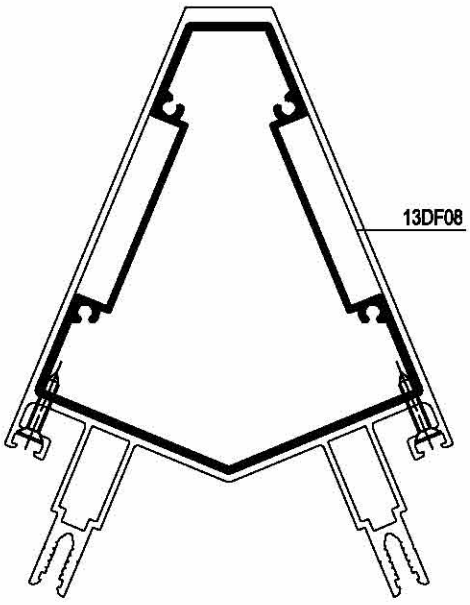
PROFILE CODE	13CF02	THEORETICAL WEIGHT kg/mt
		0.964

APPLICATION PROFILE

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

VERTICAL CONNECTION



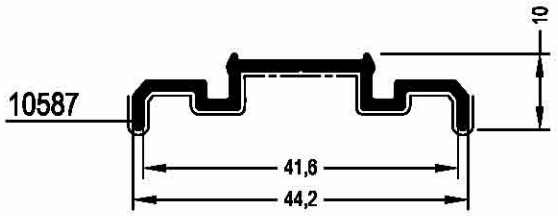


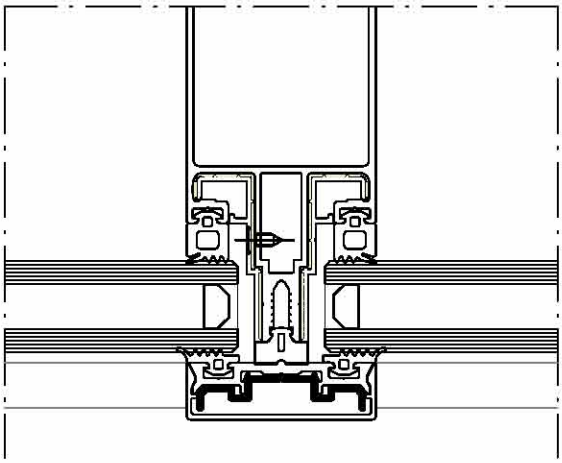
* pressed profile

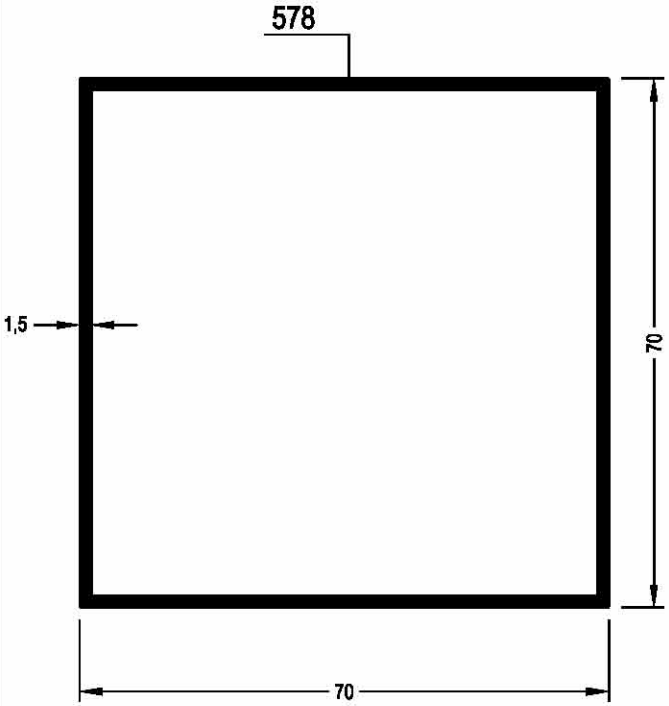
VERTICAL CONNECTION 101.5 / 106.1		
PROFILE CODE	13CF16	THEORETICAL WEIGHT kg/mt: 1.647

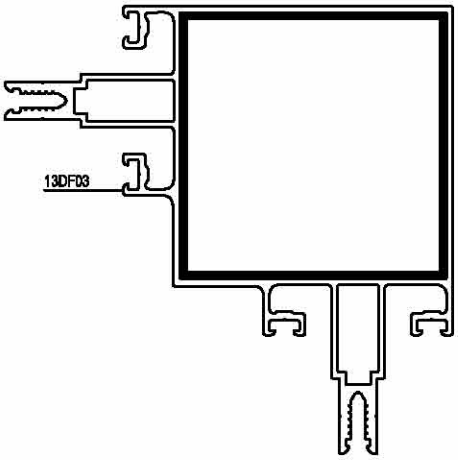
APPLICATION PROFILE	PROFILE CODE	PIECE CODE	CUTTING SIZES (mm)
	13DF08	25A1213	250

COVER CAP PROFILES









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

* pressed profile

PROFILE 70 / 70

PROFILE CODE	578	THEORETICAL WEIGHT kg/mt
		1.114

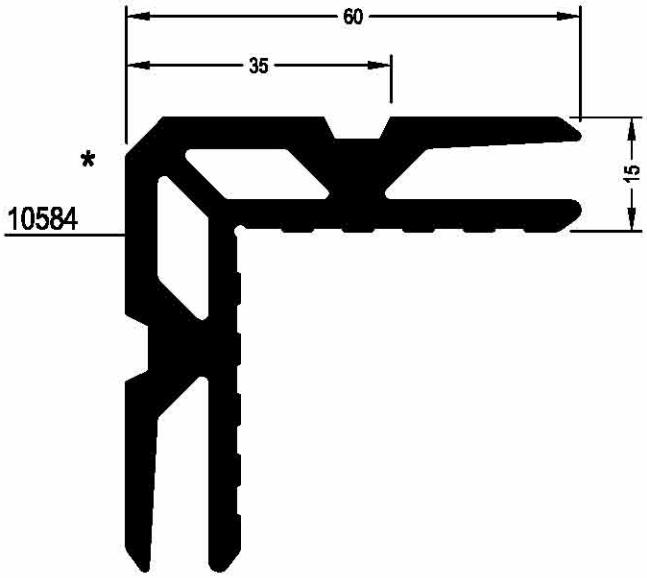
APPLICATION PROFILE	PROFILE CODE
	13DF03

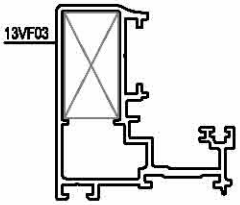
BRL Aluminium System

SYSTEM LEGEND 13'50 F

PROFILE

CORNER CLEATS

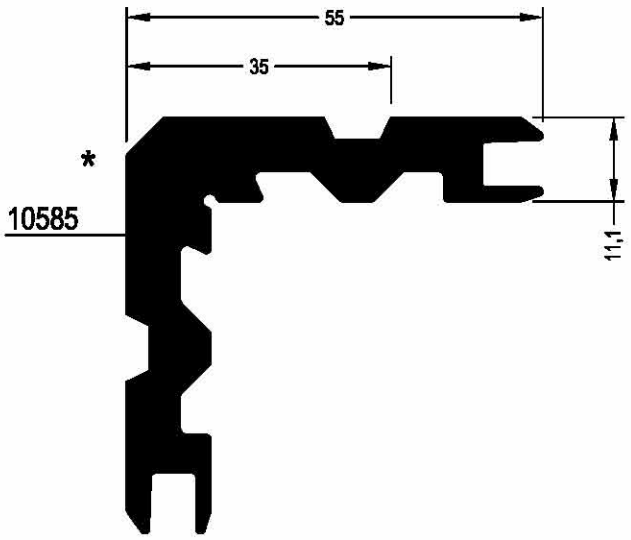


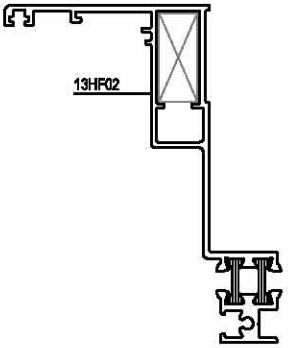


* pressed profile

CORNER CLEATS 15 / 60		
PROFILE CODE	14LW13	THEORETICAL WEIGHT kg/mt 2.488

APPLICATION PROFILE	PROFILE CODE
	13VF02 , 13VF03 , 13VF04 , 13VF05 , 13VF06 , 13BF02



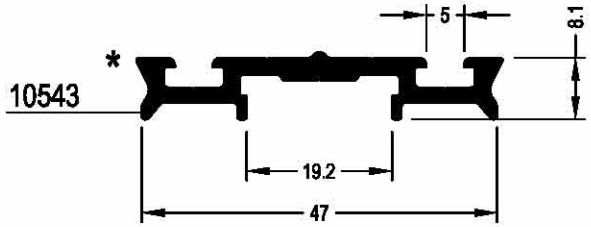


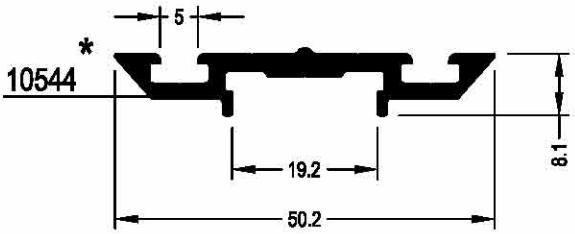
* pressed profile

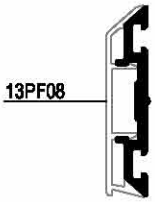
CORNER CLEATS 11.1 / 55		
PROFILE CODE	14LW14	THEORETICAL WEIGHT kg/mt 2.420

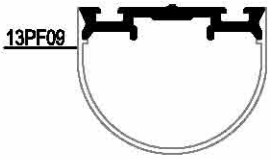
APPLICATION PROFILE	PROFILE CODE
	13HF02 ,

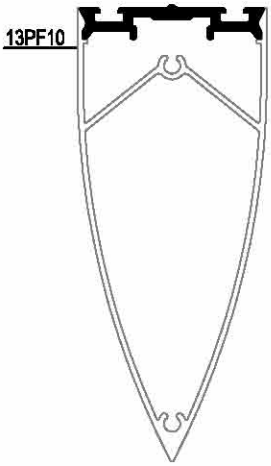
PRESSURE PLATES

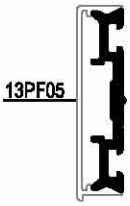










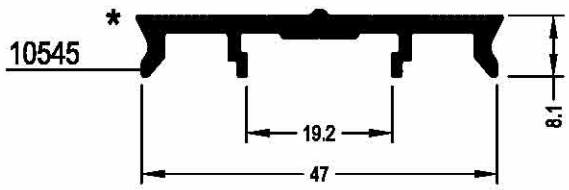


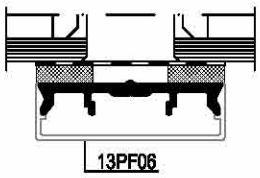
* pressed profile

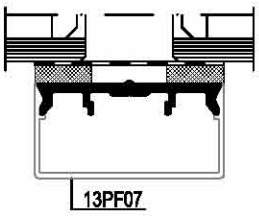
* pressed profile

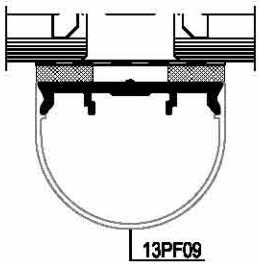
PRESSURE PLATES 47 / 8.1			PRESSURE PLATES 50.2 / 8.1		
PROFILE CODE	13PF01	THEORETICAL WEIGHT kg/mt	PROFILE CODE	13PF02	THEORETICAL WEIGHT kg/mt
		0.438			0.406
APPLICATION PROFILE	PROFILE CODE		APPLICATION PROFILE	PROFILE CODE	
	13PF05 , 13PF06 , 13PF07			13PF08	
	13PF09 , 13PF10				

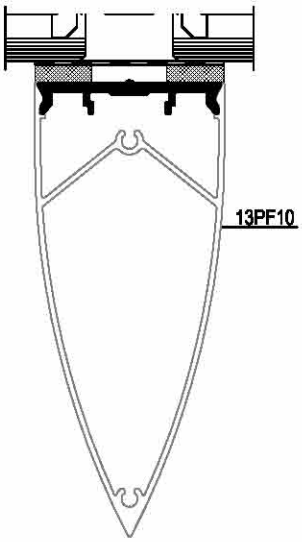
PRESSURE PLATES

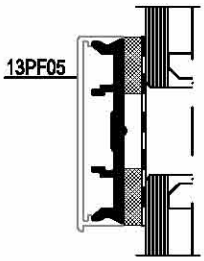




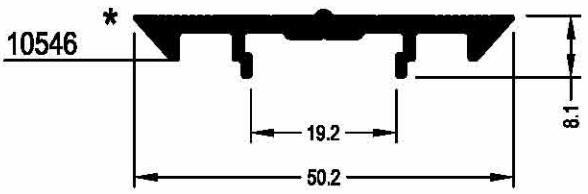


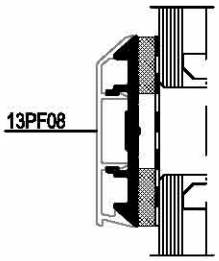






* pressed profile





* pressed profile

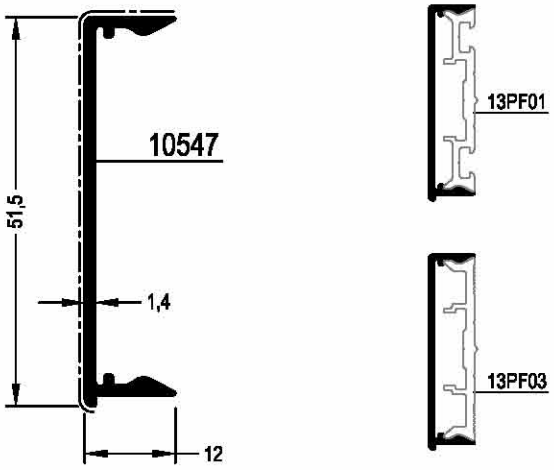
PRESSURE PLATES 47 / 8.1		
PROFILE CODE	13PF03	THEORETICAL WEIGHT kg/mt 0.417

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

COVER CAP PROFILES

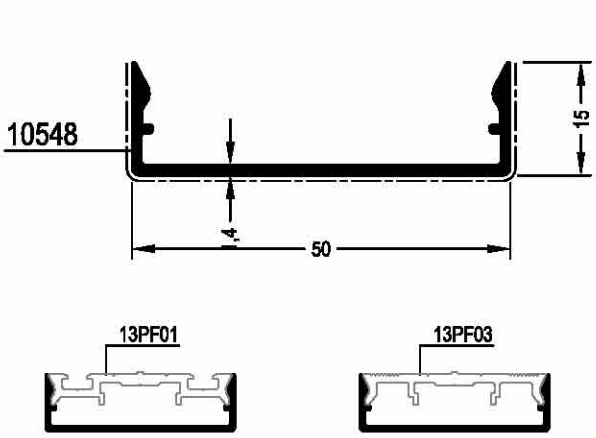


COVER CAPS 12 / 51.5

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

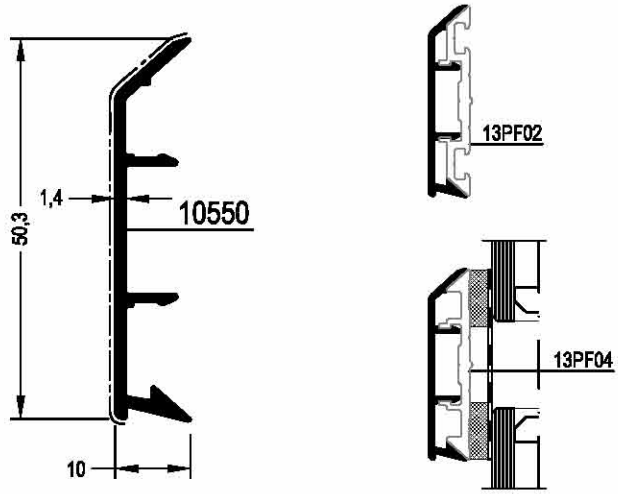


COVER CAPS 50 / 15

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

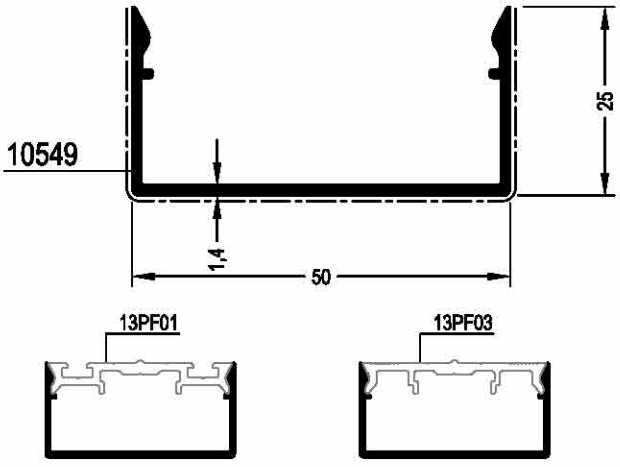


COVER CAPS 10 / 50.3

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



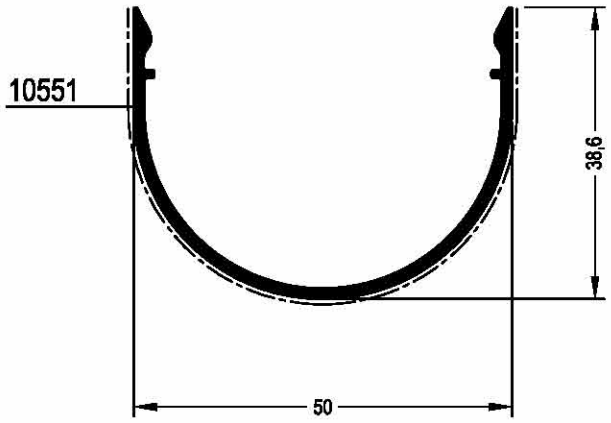
COVER CAPS 50 / 25

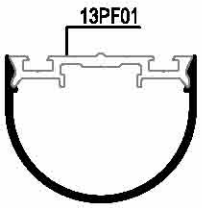
PROFILE CODE	13PF07	THEORETICAL WEIGHT kg/mt
		0.363

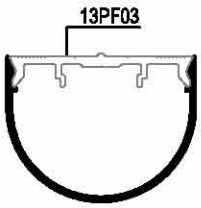
Coating Surface (cm)	Covering Surface (cm)
10549	10549
13.379	10.247

APPLICATION PROFILE	PROFILE CODE
	13PF01 , 13PF03

COVER CAP PROFILES







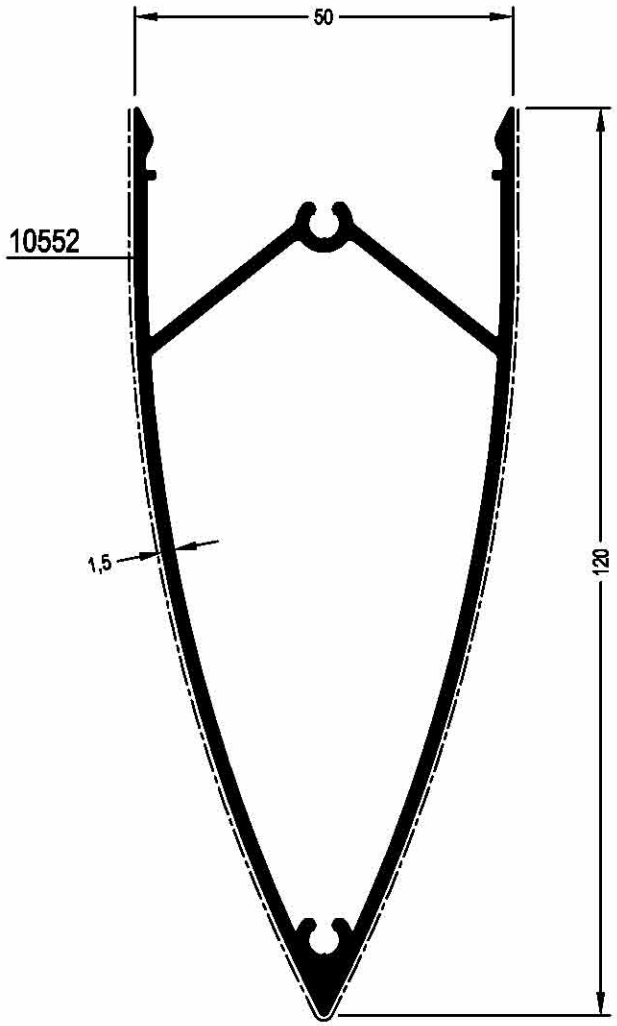
COVER CAPS 50 / 38.6

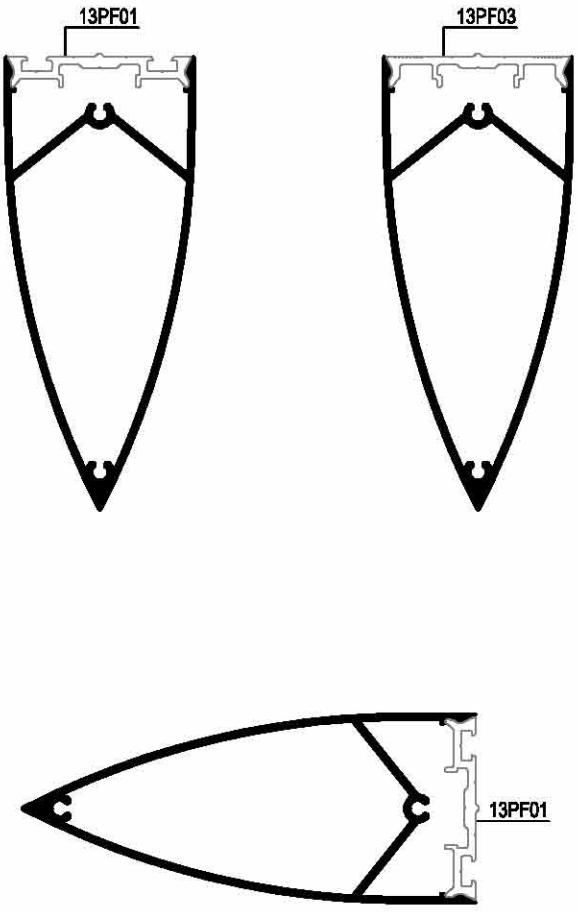
PROFILE CODE	13PF09	THEORETICAL WEIGHT kg/mt
		0.407

Coating Surface (cm)	Covering Surface (cm)
10551	10551
21.023	10.908

APPLICATION PROFILE	PROFILE CODE
	13PF01 , 13PF03

COVER CAP PROFILES





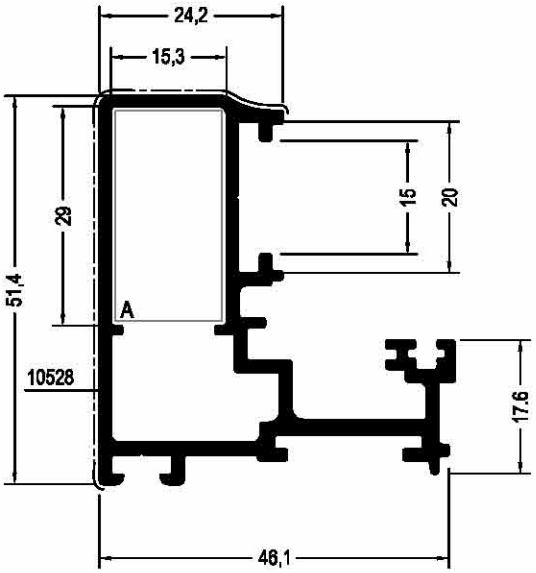
COVER CAPS 50 / 120

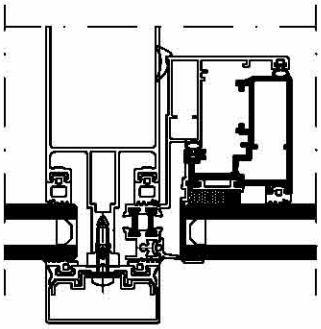
PROFILE CODE	13PF10	THEORETICAL WEIGHT kg/mt
		1.350

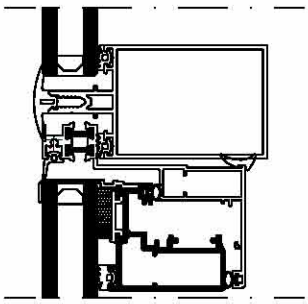
Coating Surface (cm)	Covering Surface (cm)
10552	10552
38.258	24.889

APPLICATION PROFILE	PROFILE CODE
	13PF01 , 13PF03

FRAME PROFILES





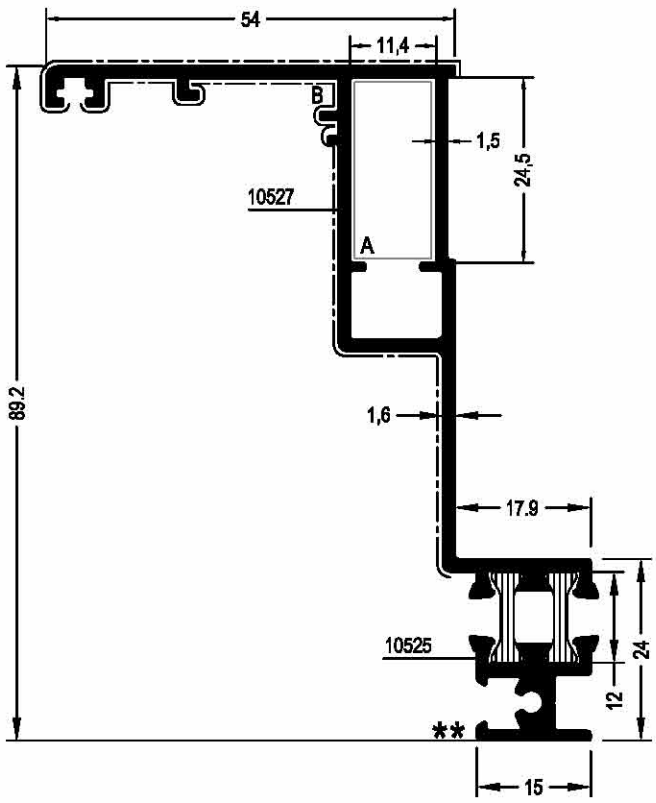


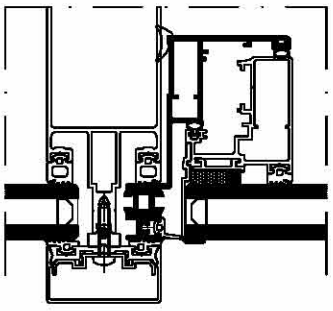
VENT PROFILE 46.1 / 51.4

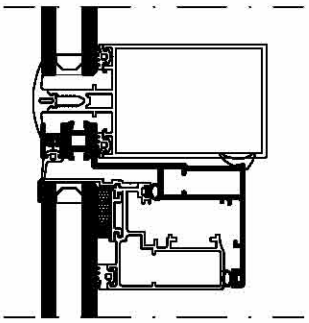
PROFILE CODE	13VF03	THEORETICAL WEIGHT kg/mt	0.953

Jxx (cm4)	Jyy (cm4)	Coating Surface (cm) 10528	Covering Surface (cm) 10528
10.928	5.315	30.564	7.716

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







** 10525 black anodized profile

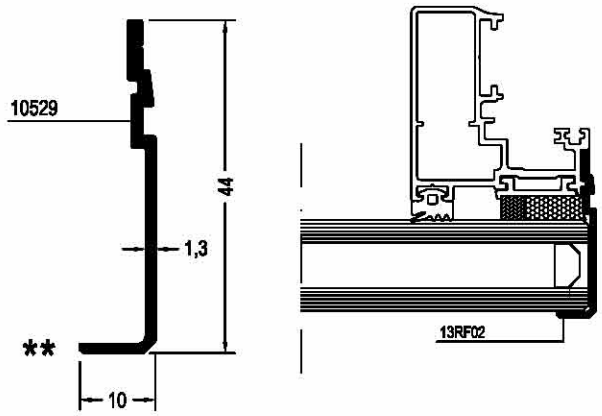
FRAME PROFILE 54 / 89.2

PROFILE CODE	13HF02	THEORETICAL WEIGHT kg/mt	1.279

Jxx (cm4)	Jyy (cm4)	Coating Surface (cm) 10525	Coating Surface (cm) 10527	Covering Surface (cm) 10525	Covering Surface (cm) 10527
62.230	4.290	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	—

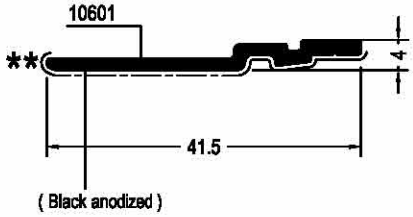
CONNECTION PROFILES



** 10529 black anodized profile

RETAINING PROFILE 10 / 44

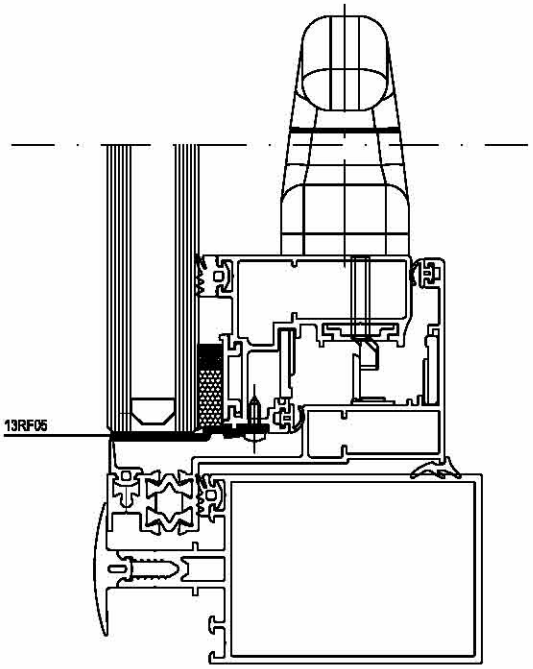
PROFILE CODE	13RF02	THEORETICAL WEIGHT kg/mt
		0.212
**BLACK ANODIZE	Coating Surface (cm)	
	11.389	
APPLICATION PROFILE	PROFILE CODE	
	13VF03	



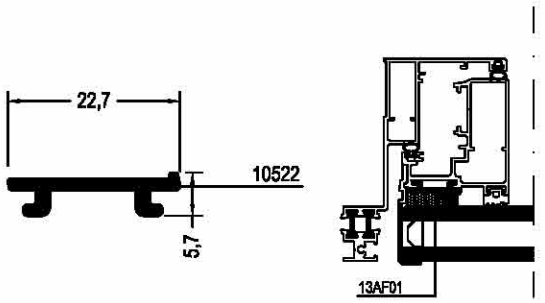
** 10601 black anodized profile

RETAINING PROFILE 41.5 / 4

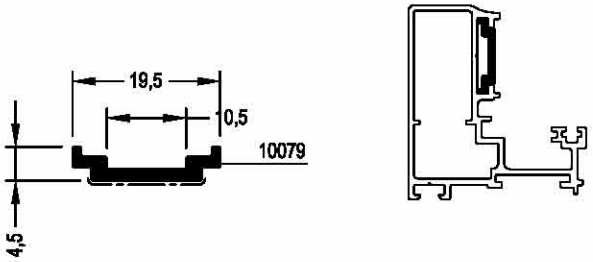
PROFILE CODE	13RF05	THEORETICAL WEIGHT kg/mt
		0.199
**BLACK ANODIZE	Coating Surface (cm)	
	9.185	
APPLICATION PROFILE	PROFILE CODE	
	13VF03	



CONNECTION PROFILES



** 10522 black anodized profile



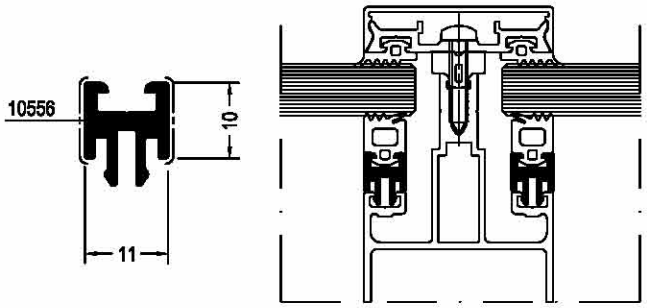
BONNING PROFILE 22.7 / 5.7

PROFILE CODE	13AF01	THEORETICAL WEIGHT kg/mt
		0.139
**BLACK ANODIZE	Coating Surface (cm)	
	6.665	
APPLICATION PROFILE	PROFILE CODE	
	13VF02	

SLIDING ROAD PROFILE 19.5 / 4.5

PROFILE CODE	14IW01	THEORETICAL WEIGHT kg/mt
		0.105
	Coating Surface (cm)	
	5.198	
APPLICATION PROFILE	PROFILE CODE	
	13VF02 , 13VF03 , 13VF04 , 13VF05 , 13VF06	

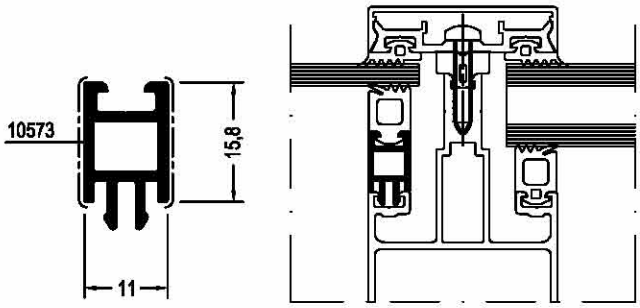
GLAZING BEAD



GLAZING BEADS 11 / 10

PROFILE CODE	13AF02	THEORETICAL WEIGHT kg/mt 0.188

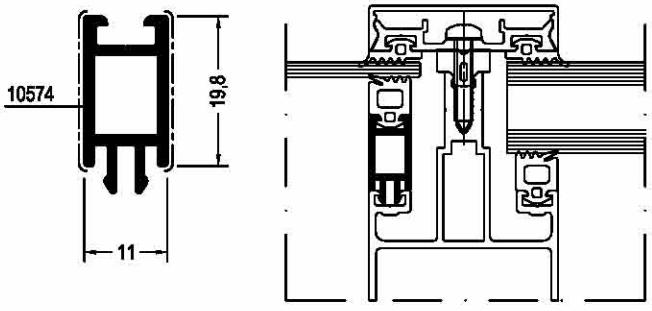
Coating Surface (cm)	Covering Surface (cm)
8.606	2.256



GLAZING BEADS 11 / 15.8

PROFILE CODE	13AF03	THEORETICAL WEIGHT kg/mt 0.213

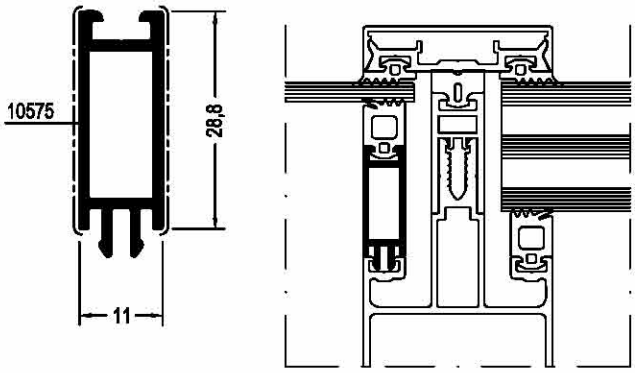
Coating Surface (cm)	Covering Surface (cm)
9.566	3.406



GLAZING BEADS 11 / 19.8

PROFILE CODE	13AF04	THEORETICAL WEIGHT kg/mt 0.239

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

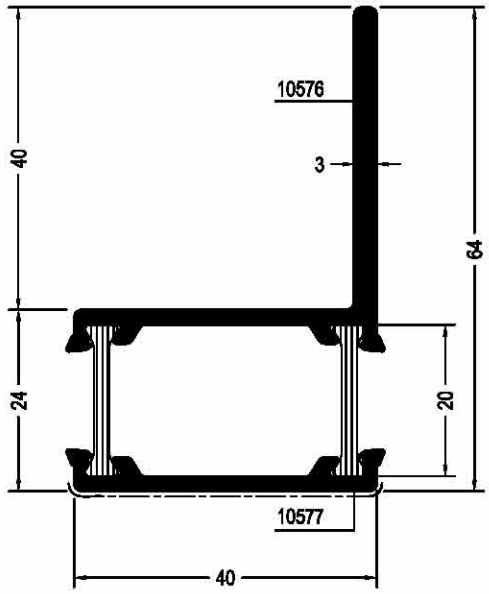


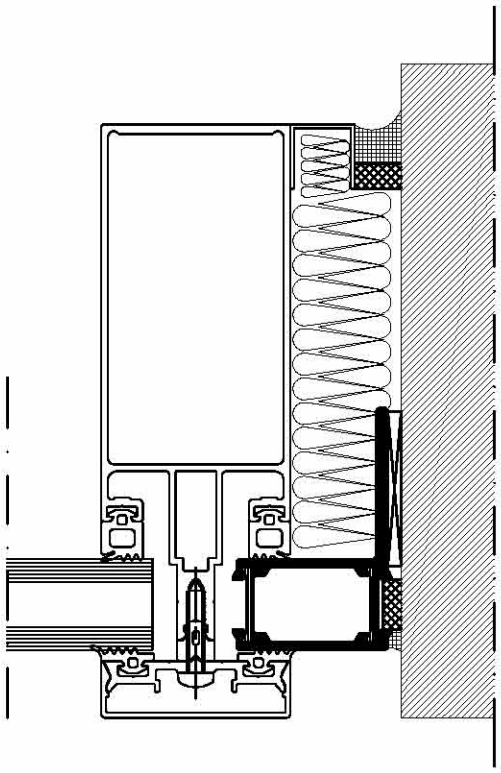
GLAZING BEADS 11 / 28.8

PROFILE CODE	13AF05	THEORETICAL WEIGHT kg/mt 0.297

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

ADAPTERS





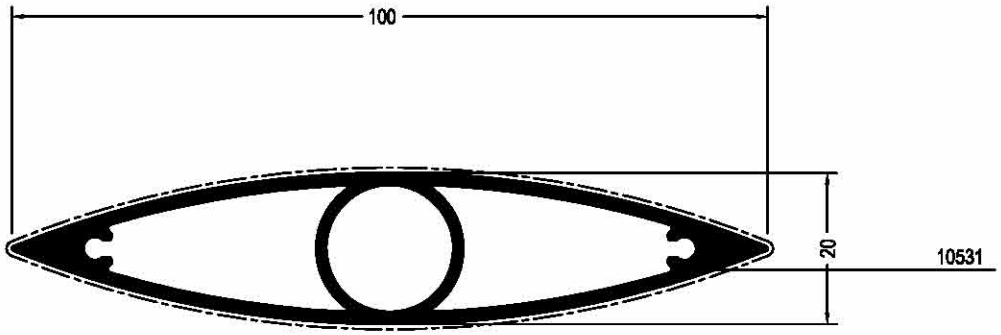
ADAPTERS 40 / 64

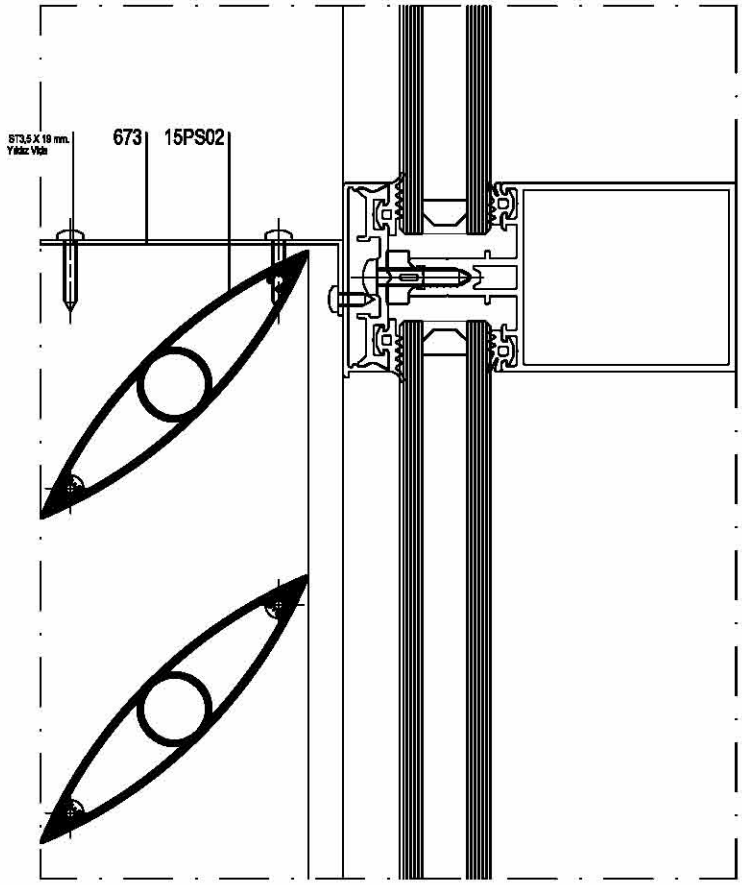
PROFILE CODE	13BF01	THEORETICAL WEIGHT kg/mt 1.032

Jxx (cm4)	Jyy (cm4)	Coating Surface (cm)		Covering Surface (cm)	
		10576	10577	10576	10577
16.691	5.315	19.016	11.102	——	4.208

THERMO BREAK	IMPORT (Polyamide)	20 mm I

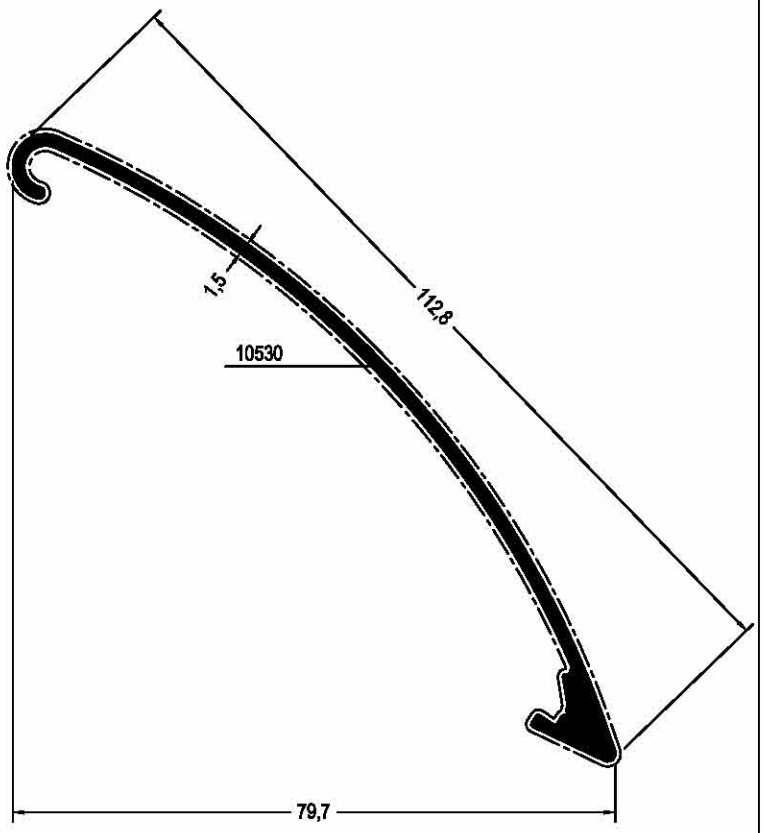
SOLAR SHADING



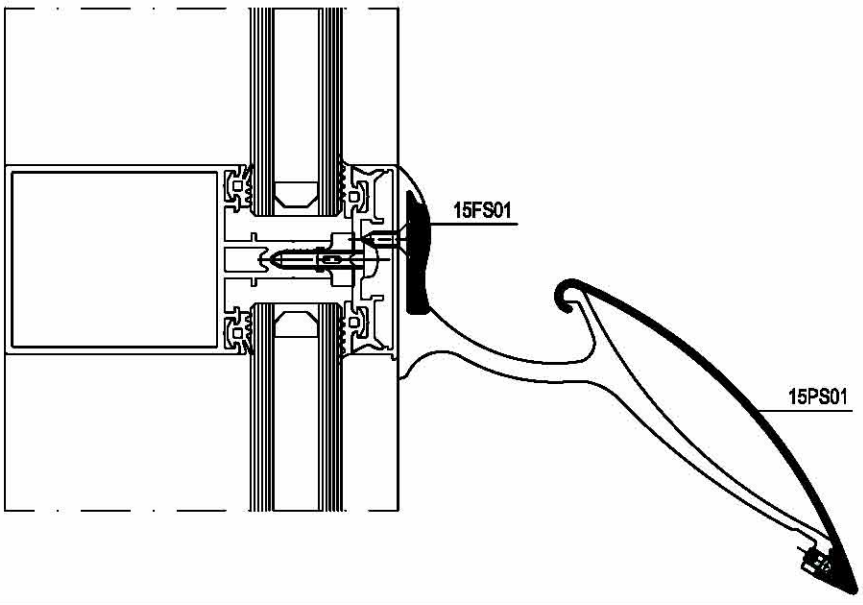


SOLAR SHADING	100 / 20	
PROFILE CODE	15PS02	THEORETICAL WEIGHT kg/mt: 1.086
Coating Surface (cm): 20.881		

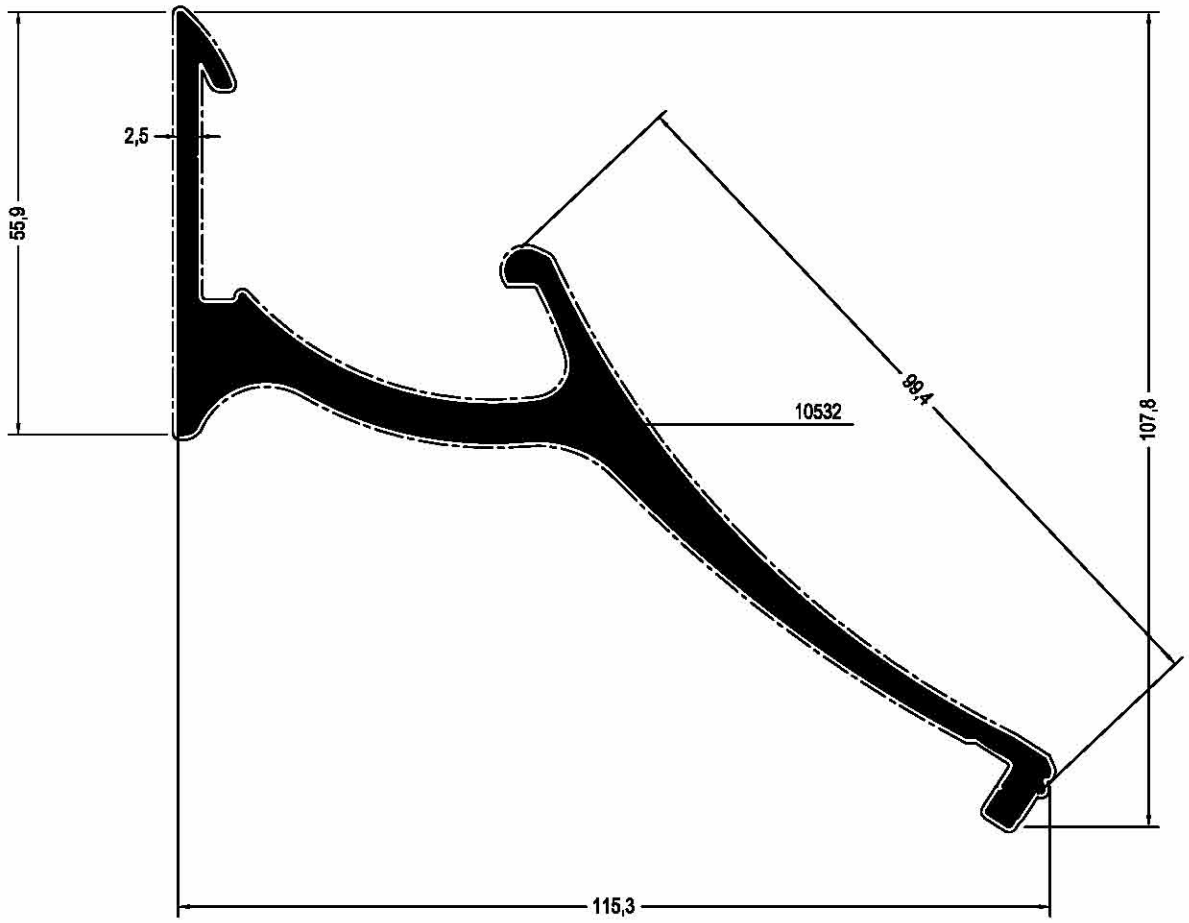
SOLAR SHADING

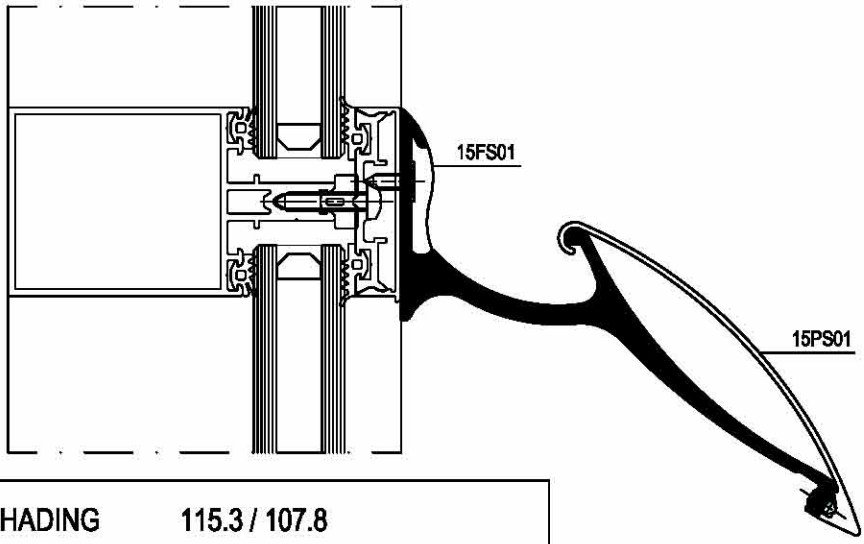


SOLAR SHADING 112.8		
PROFILE CODE	15PS01	THEORETICAL WEIGHT kg/mt 0.622
Coating Surface (cm) 26.510	APPLICATION PROFILE	PROFILE CODE 15CS01



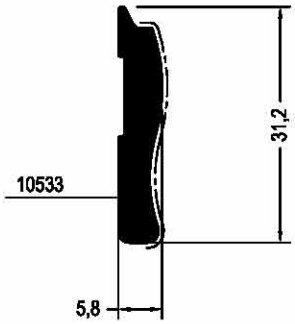
SOLAR SHADING





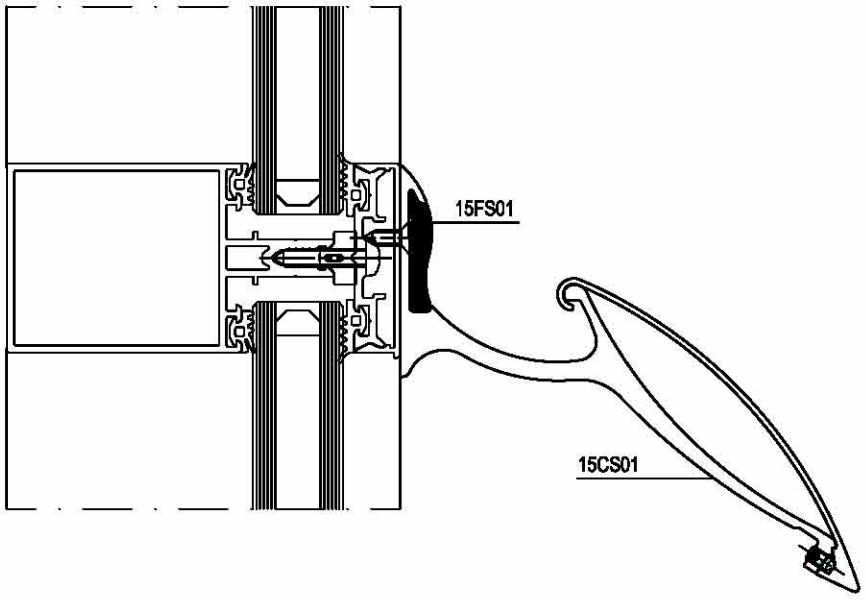
SOLAR SHADING 115.3 / 107.8		
PROFILE CODE	15CS01	THEORETICAL WEIGHT kg/mt: 2.554
Coating Surface (cm): 43.590	APPLICATION PROFILE	PROFILE CODE: 15PS01 , 15FS01

SOLAR SHADING

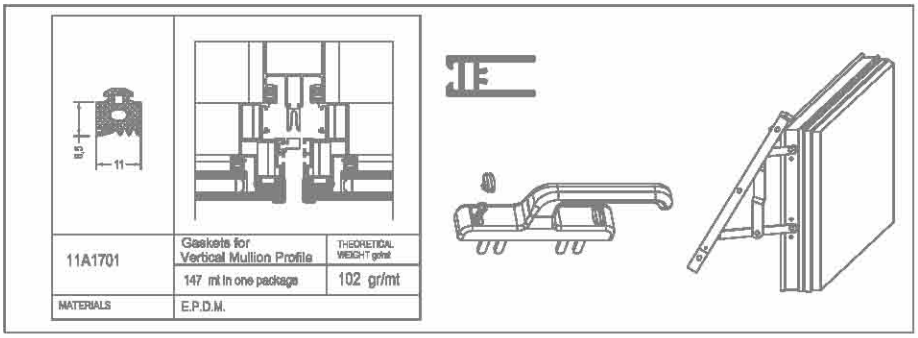


SOLAR SHADING 5.8 / 31.2

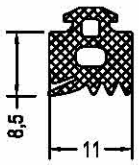
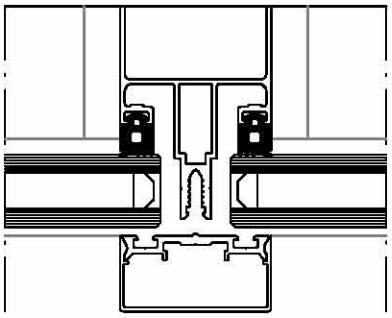
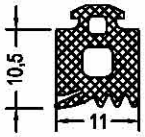
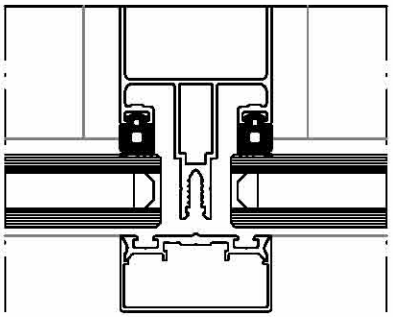
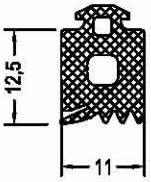
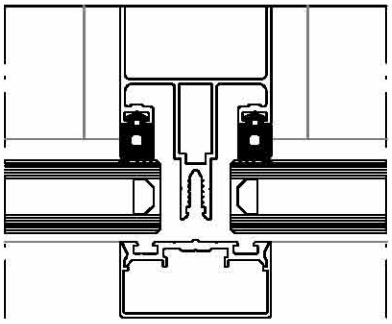
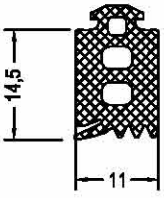
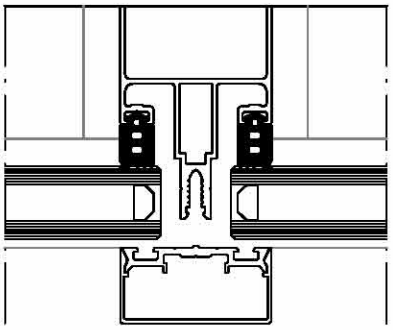
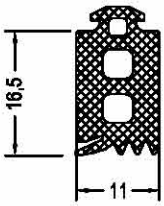
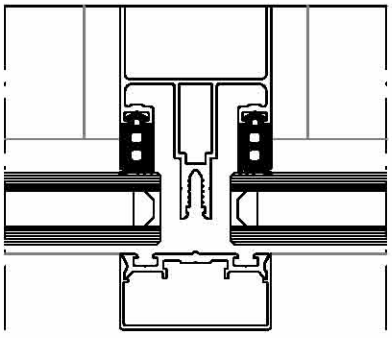
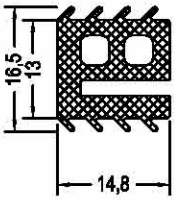
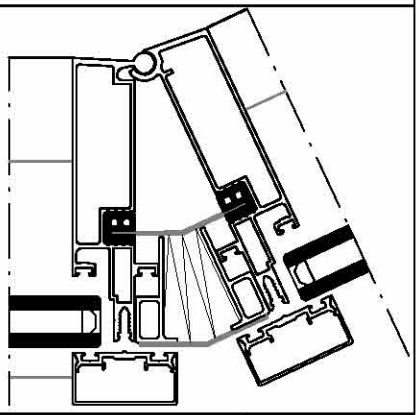
PROFILE CODE	15FS01	THEORETICAL WEIGHT kg/mt
		0.371
Coating Surface (cm)	APPLICATION PROFILE	PROFILE CODE
7.087		15CS01



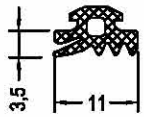
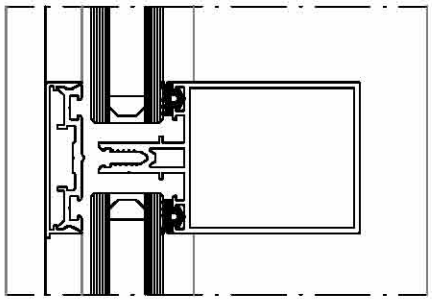
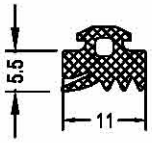
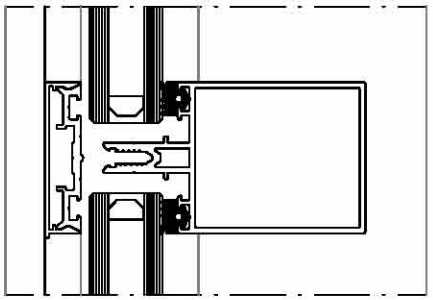
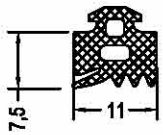
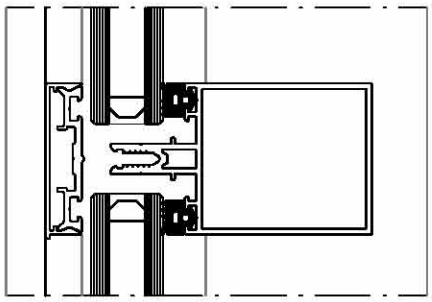
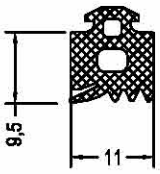
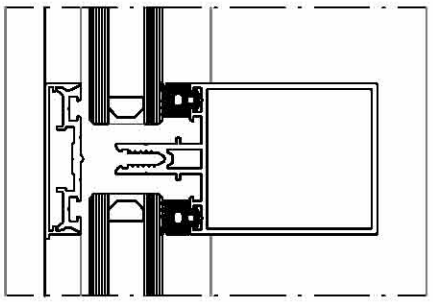
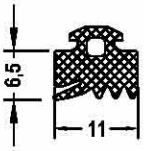
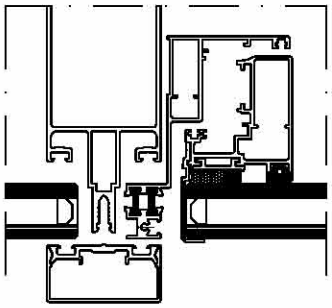
c - ACCESSORIES



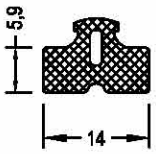
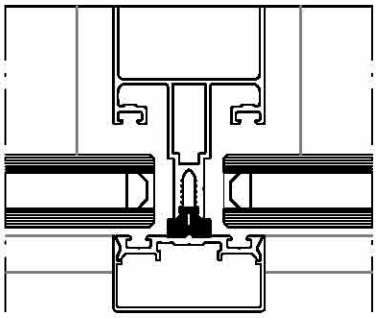
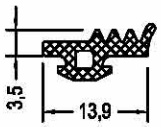
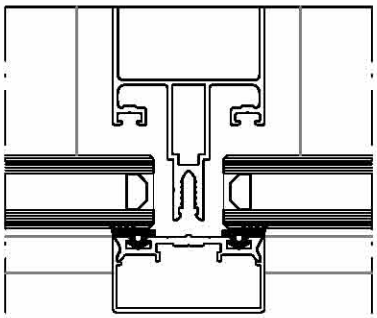
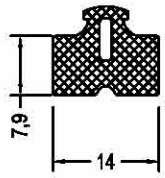
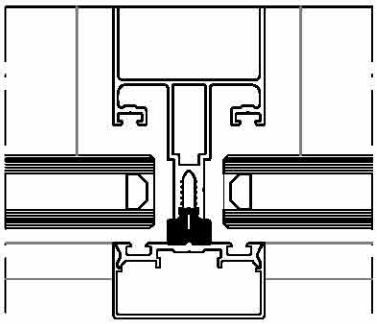
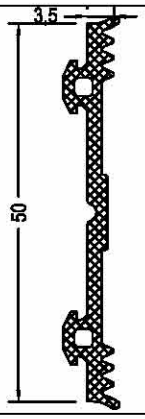
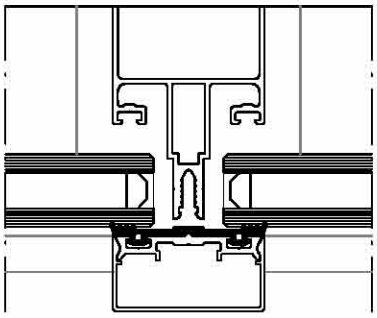
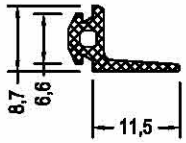
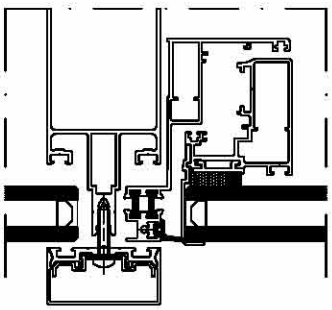
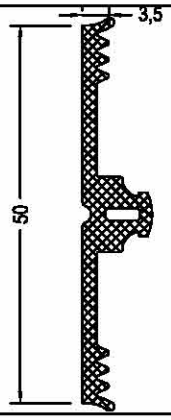
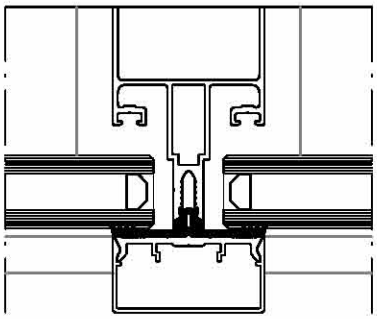
GASKETS

DRAWING / INFORMATION APPLICATION		DRAWING / INFORMATION APPLICATION	
			
11A1701	Gaskets for Vertical Mullion Profile 147 mt in one package THEORETICAL WEIGHT gr/mt 0.102 kg/mt	11A1702	Gaskets for Vertical Mullion Profile 123 mt in one package THEORETICAL WEIGHT gr/mt 0.121 kg/mt
MATERIALS	E.P.D.M.	MATERIALS	E.P.D.M.
			
11A1703	Gaskets for Vertical Mullion Profile 101 mt in one package THEORETICAL WEIGHT gr/mt 0.148 kg/mt	11A1704	Gaskets for Vertical Mullion Profile 90 mt in one package THEORETICAL WEIGHT gr/mt 0.166 kg/mt
MATERIALS	E.P.D.M.	MATERIALS	E.P.D.M.
			
11A1705	Gaskets for Vertical Mullion Profile 81 mt in one package THEORETICAL WEIGHT gr/mt 0.184 kg/mt	11A1706	Gaskets for Vertical Mullion Profile 81 mt in one package THEORETICAL WEIGHT gr/mt 0.183 kg/mt
MATERIALS	E.P.D.M.	MATERIALS	E.P.D.M.

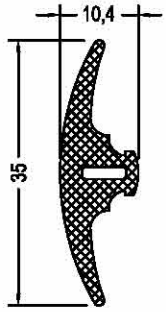
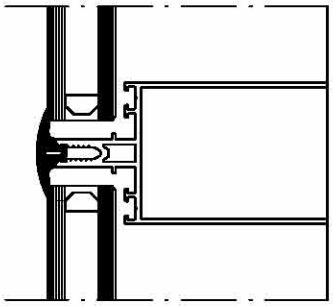
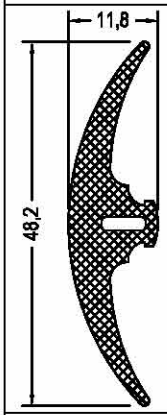
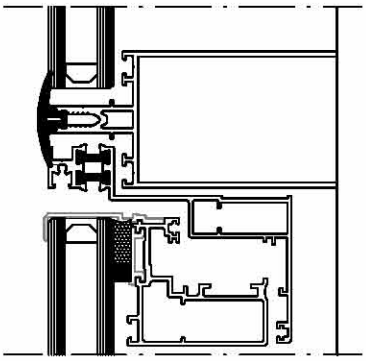
GASKETS

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

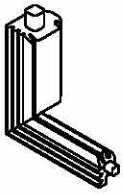
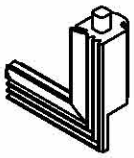
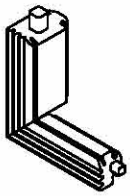
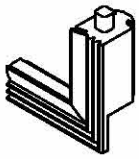
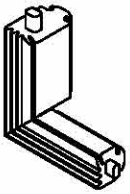
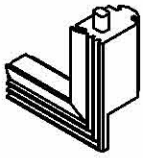
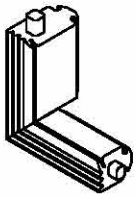
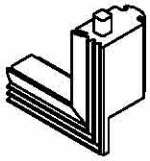
GASKETS

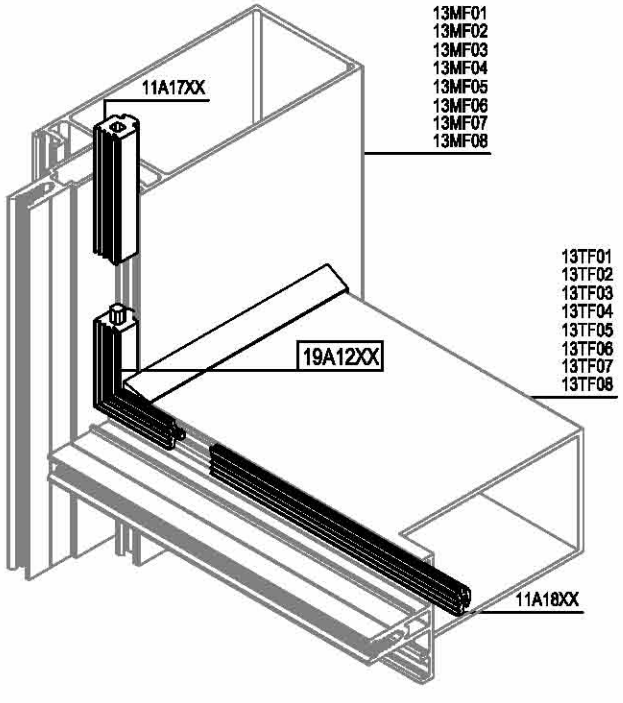
DRAWING / INFORMATION APPLICATION			DRAWING / INFORMATION APPLICATION		
					
11A2301	Compartimentation Gasket 132 mt in one package	THEORETICAL WEIGHT gr/mt 0.113 kg/mt	11A2401	Glazing Gasket 267 mt in one package	THEORETICAL WEIGHT gr/mt 0.056 kg/mt
MATERIALS	E.P.D.M.		MATERIALS	E.P.D.M.	
					
11A2302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

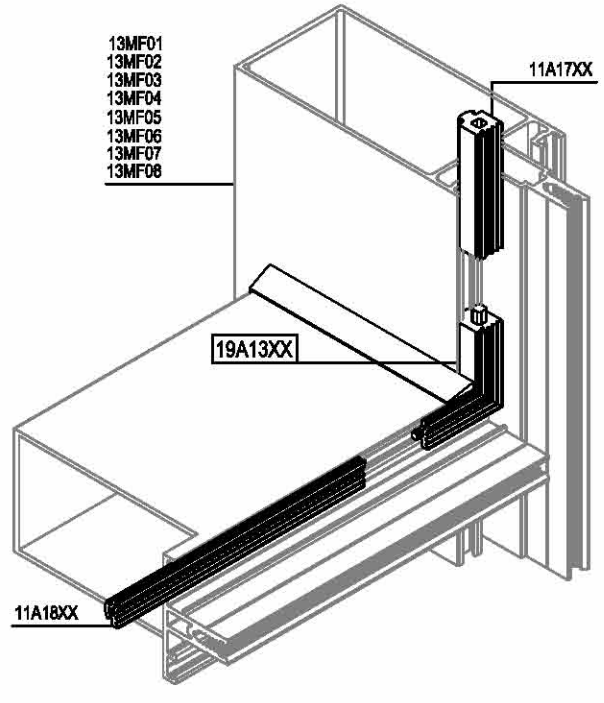
GASKETS

DRAWING / INFORMATION APPLICATION			DRAWING / INFORMATION APPLICATION
			
11A2501	Pressure Gasket	THEORETICAL WEIGHT gr/mt	
	89 mt in one package	0.168 kg/mt	
MATERIALS	E.P.D.M.		
			
11A2502	Pressure Gasket	THEORETICAL WEIGHT gr/mt	
	56 mt in one package	0.264 kg/mt	
MATERIALS	E.P.D.M.		

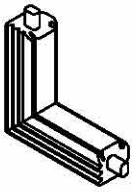
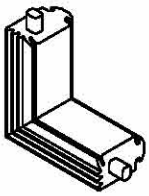
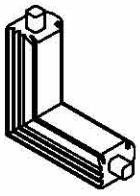
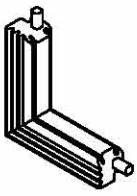
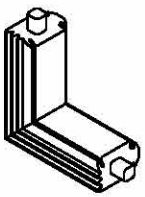
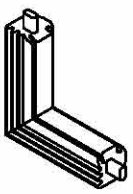
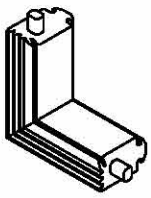
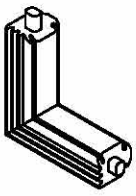
CORNER GASKETS

DRAWING / INFORMATION LEFT PART				DRAWING / INFORMATION RIGHT PART			
	PIECE CODE (LEFT)	19A1202			PIECE CODE (RIGHT)	19A1302	
	APPLIED ON	11A1702	11A1802		APPLIED ON	11A1702	11A1802
	MATERIALS	E.P.D.M.	Black		MATERIALS	E.P.D.M.	Black
	IN ONE PACKET	100 piece			IN ONE PACKET	100 piece	
	PIECE CODE (LEFT)	19A1203			PIECE CODE (RIGHT)	19A1303	
	APPLIED ON	11A1703	11A1803		APPLIED ON	11A1703	11A1803
	MATERIALS	E.P.D.M.	Black		MATERIALS	E.P.D.M.	Black
	IN ONE PACKET	100 piece			IN ONE PACKET	100 piece	
	PIECE CODE (LEFT)	19A1204			PIECE CODE (RIGHT)	19A1304	
	APPLIED ON	11A1704	11A1804		APPLIED ON	11A1704	11A1804
	MATERIALS	E.P.D.M.	Black		MATERIALS	E.P.D.M.	Black
	IN ONE PACKET	100 piece			IN ONE PACKET	100 piece	
	PIECE CODE (LEFT)	19A1205			PIECE CODE (RIGHT)	19A1305	
	APPLIED ON	11A1705	11A1805		APPLIED ON	11A1705	11A1805
	MATERIALS	E.P.D.M.	Black		MATERIALS	E.P.D.M.	Black
	IN ONE PACKET	100 piece			IN ONE PACKET	100 piece	



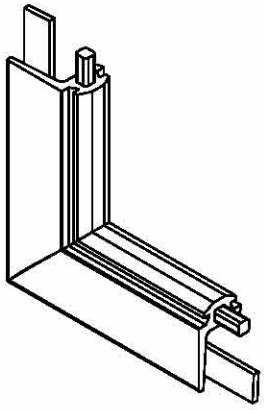


CORNER GASKETS

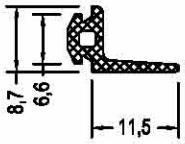
DRAWING / INFORMATION			DRAWING / INFORMATION		
	PIECE CODE	19A1601		PIECE CODE	19A1605
	APPLIED ON	11A1701		APPLIED ON	11A1705
	MATERIALS	E.P.D.M. Black		MATERIALS	E.P.D.M. Black
	IN ONE PACKET	100 piece		IN ONE PACKET	100 piece
	PIECE CODE	19A1602		PIECE CODE	19A1606
	APPLIED ON	11A1702		APPLIED ON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

CORNER GASKETS

DRAWING / INFORMATION	DRAWING / INFORMATION

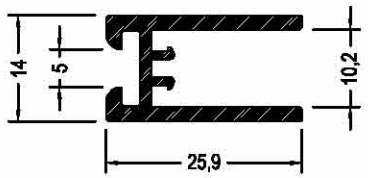


PIECE CODE	19A1501	
APPLIED ON	11A2201	
MATERIALS	E.P.D.M.	Black
IN ONE PACKET	100 piece	

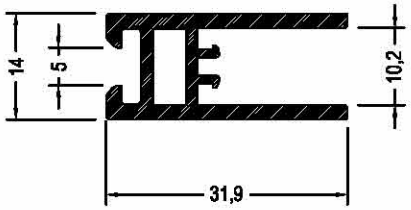


PVC INSULATE PROFILES

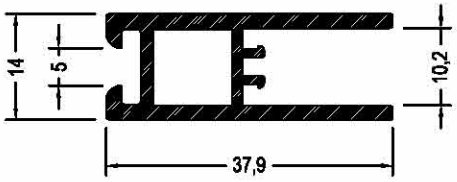
DRAWING / INFORMATION



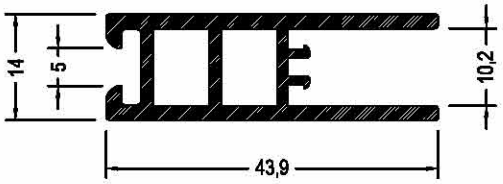
13A1201	Pvc Insulation Profiles
	6000 mm
MATERIALS	PVC



13A1202	Pvc Insulation Profiles
	6000 mm
MATERIALS	PVC

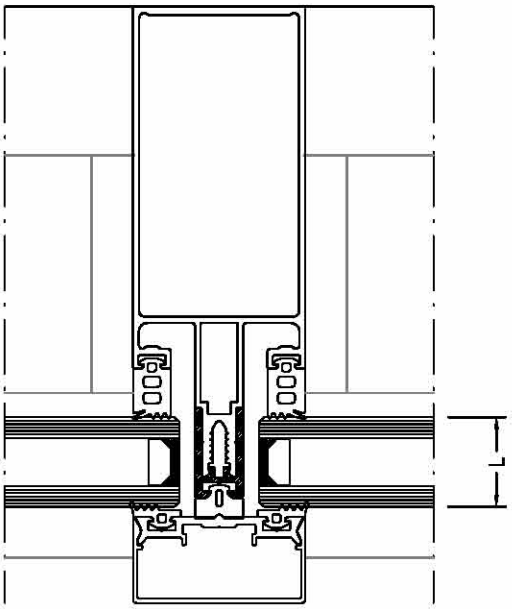


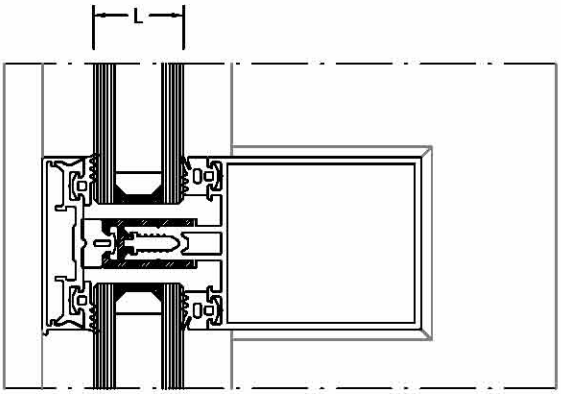
13A1203	Pvc Insulation Profiles
	6000 mm
MATERIALS	PVC



13A1204	Pvc Insulation Profiles
	6000 mm
MATERIALS	PVC

APPLICATION

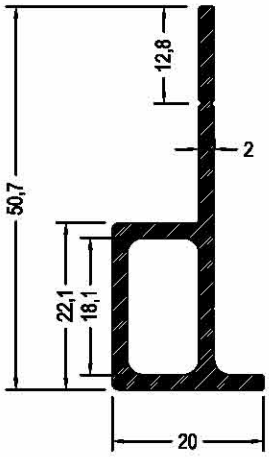




Glass Tickness,L	Pvc Profile Code	Central Gasket	Vertical Mullion Gasket	Horizontal Mullion Gasket
24 mm.	13A1201	11A2301	11A1705	11A1805
26 mm.	13A1201	11A2301	11A1704	11A1804
28 mm.	13A1201	11A2301	11A1703	11A1803
30 mm.	13A1201	11A2302	11A1703	11A1803
32 mm.	13A1201	11A2302	11A1702	11A1802
34 mm.	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

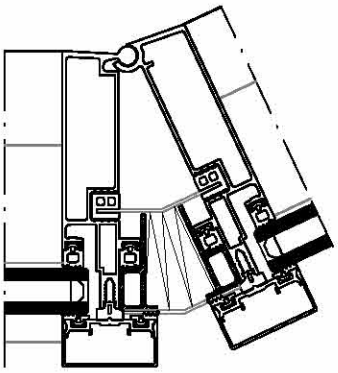
PVC INSULATE PROFILES

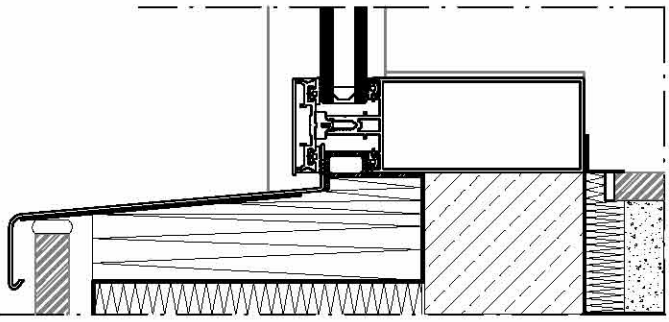
DRAWING / INFORMATION



13A1301	Pvc Insulation Profiles
	6000 mm
MATERIALS	PVC

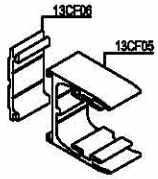
APPLICATION



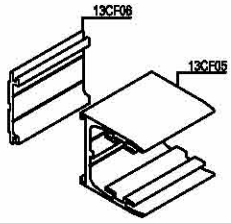


HORIZONTAL CONNECTION

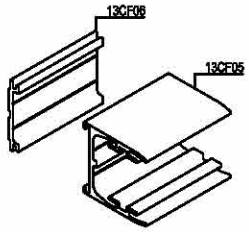
DRAWING / INFORMATION



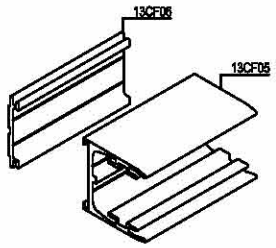
PIECE CODE	25A1302
APPLIED ON	13TF02
CUTTING SIZES (L)	23.8 mm
MATERIALS	Alüminium



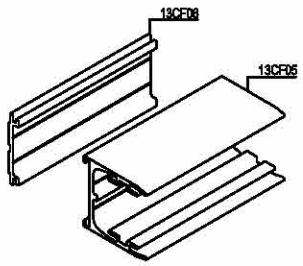
PIECE CODE	25A1303
APPLIED ON	13TF03
CUTTING SIZES (L)	53.8 mm
MATERIALS	Alüminium



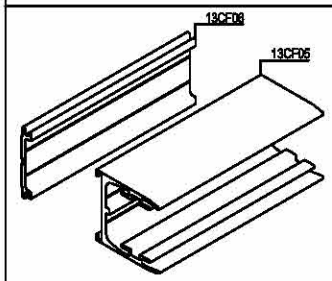
PIECE CODE	25A1304
APPLIED ON	13TF04
CUTTING SIZES (L)	63.8 mm
MATERIALS	Alüminium



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

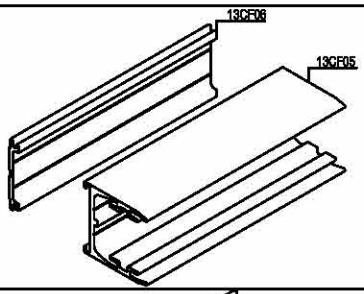


PIECE CODE	25A1306
APPLIED ON	13TF06
CUTTING SIZES (L)	103.8 mm
MATERIALS	Alüminium

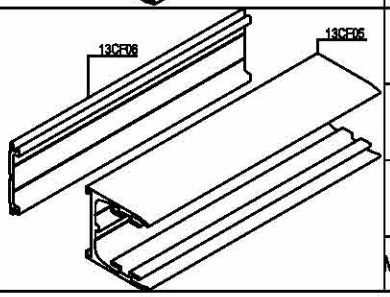


PIECE CODE	25A1307
APPLIED ON	13TF07
CUTTING SIZES (L)	123.8 mm
MATERIALS	Alüminium

DRAWING / INFORMATION

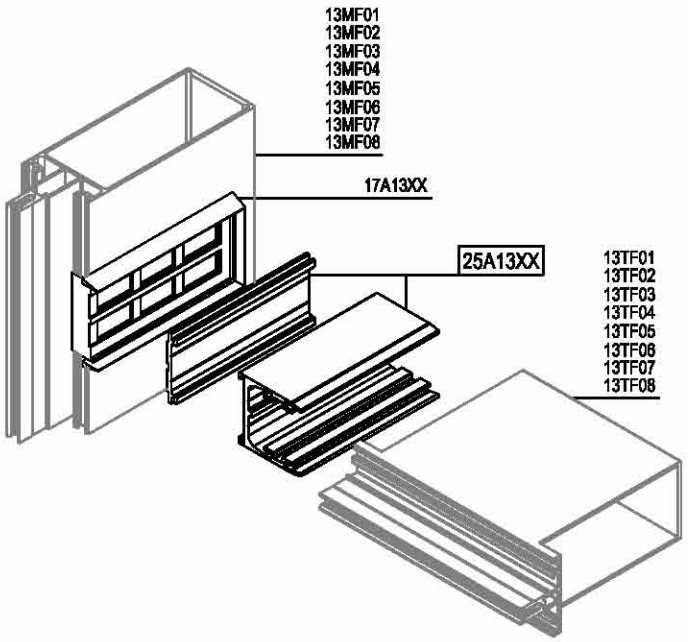


PIECE CODE	25A1308
APPLIED ON	13TF08
CUTTING SIZES (L)	148.6 mm
MATERIALS	Alüminium



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

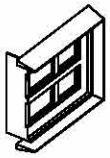
APPLICATION



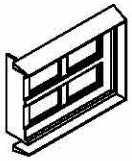
P.V.C. HORIZONTAL CONNECTION

DRAWING / INFORMATION

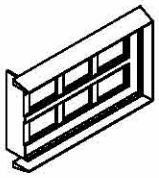
PIECE CODE	17A1302
APPLIED ON	13TF02
CUTTING SIZES (L)	32 mm
MATERIALS	P.V.C.



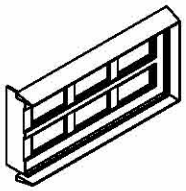
PIECE CODE	17A1303
APPLIED ON	13TF03
CUTTING SIZES (L)	62 mm
MATERIALS	P.V.C.



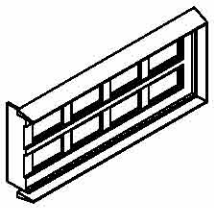
PIECE CODE	17A1304
APPLIED ON	13TF04
CUTTING SIZES (L)	72 mm
MATERIALS	P.V.C.



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

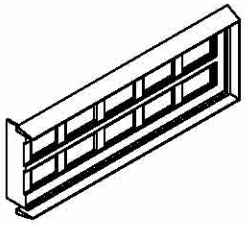


PIECE CODE	17A1306
APPLIED ON	13TF06
CUTTING SIZES (L)	112 mm
MATERIALS	P.V.C.

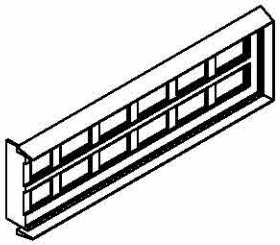


PIECE CODE	17A1307
APPLIED ON	13TF07
CUTTING SIZES (L)	132 mm
MATERIALS	P.V.C.

DRAWING / INFORMATION

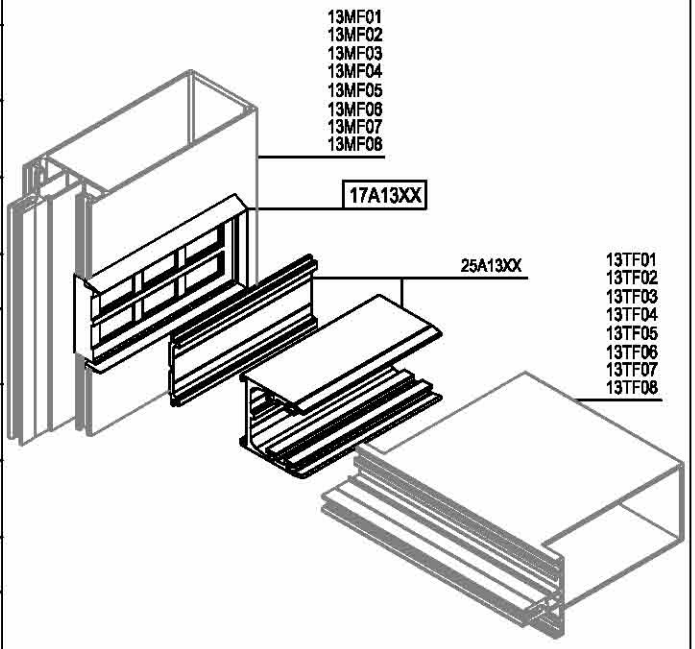


PIECE CODE	17A1308
APPLIED ON	13TF08
CUTTING SIZES (L)	157 mm
MATERIALS	P.V.C.



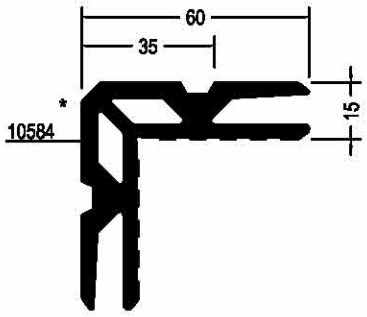
PIECE CODE	17A1309
APPLIED ON	13TF09
CUTTING SIZES (L)	182 mm
MATERIALS	P.V.C.

APPLICATION



CORNER CLEATS

DRAWING / INFORMATION



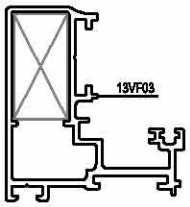
* pressed profile

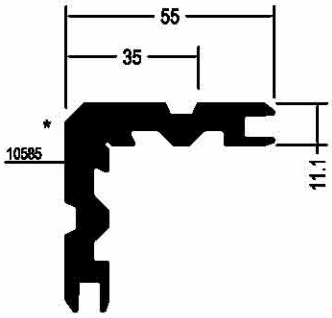
CORNER CLEATS WITH PRES 15 / 60

PROFILE CODE	14LW13	PRES	THEORETICAL WEIGHT kg/mt
			2.488

APPLICATION PROFILES		Cutting Sizes (mm)	PIECE CODE NUMBER
13VF03	10528	28.7 mm	——

APPLICATION



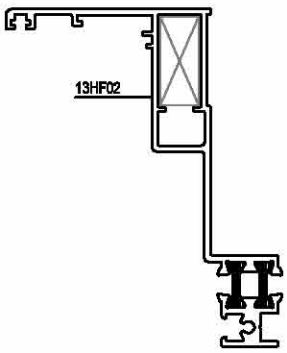


* pressed profile

CORNER CLEATS WITH PRES 11.1 / 55

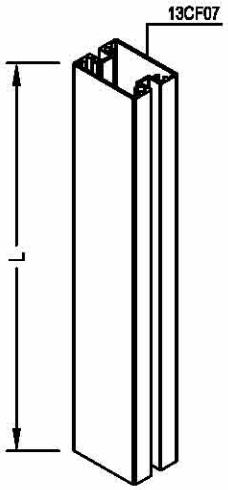
PROFILE CODE	14LW14	PRES	THEORETICAL WEIGHT kg/mt
			2.420

APPLICATION PROFILES		Cutting Sizes (mm)	PIECE CODE NUMBER
13HF02	10527	24.2 mm	——

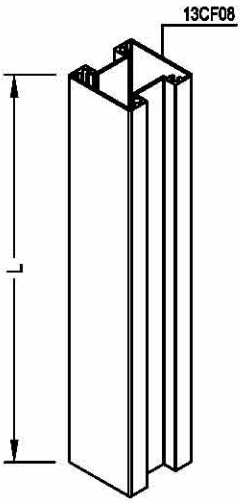


VERTICAL CONNECTION

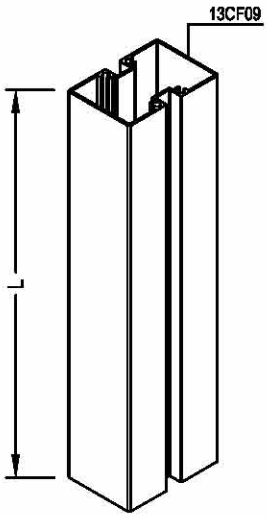
DRAWING / INFORMATION



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

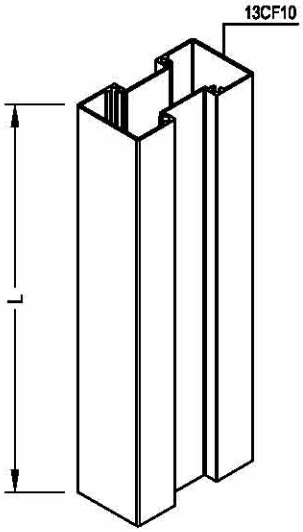


PIECE CODE	25A1202
APPLIED ON	13MF02
CUTTING SIZES (L)	250 mm
MATERIALS	Alüminium



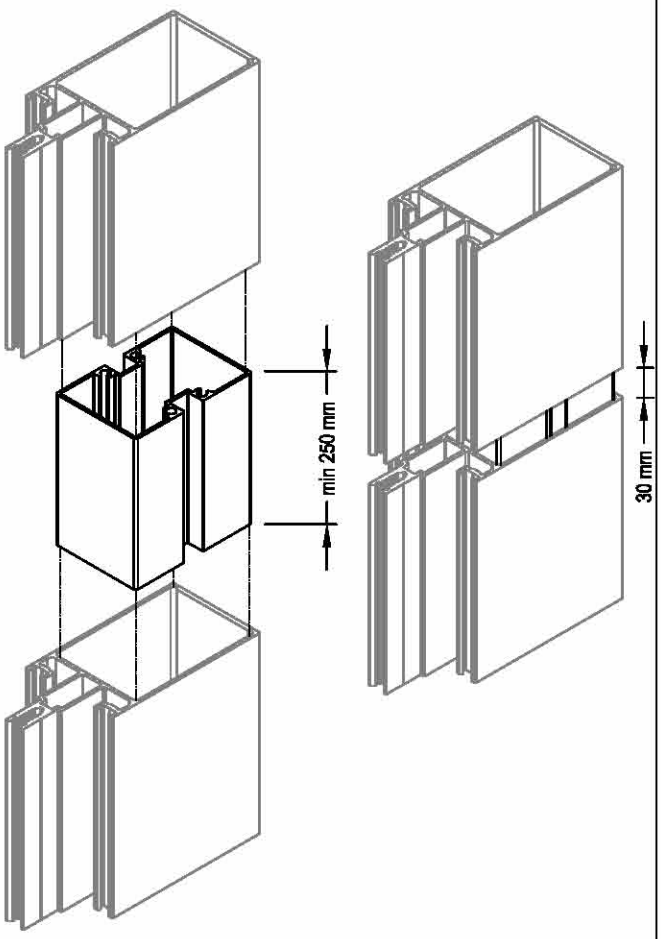
PIECE CODE	25A1203
APPLIED ON	13MF03
CUTTING SIZES (L)	250 mm
MATERIALS	Alüminium

DRAWING / INFORMATION



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

APPLICATION

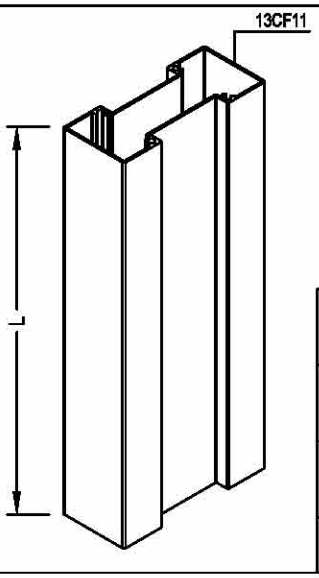


SYSTEM LEGEND 13'50 F

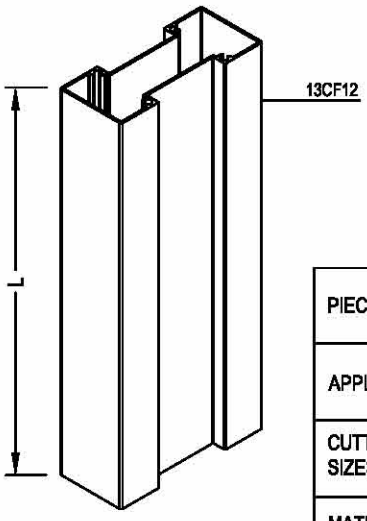
ACCESSORIES

VERTICAL CONNECTION

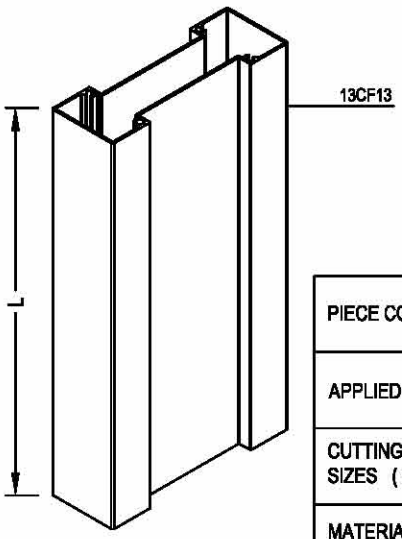
DRAWING / INFORMATION



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

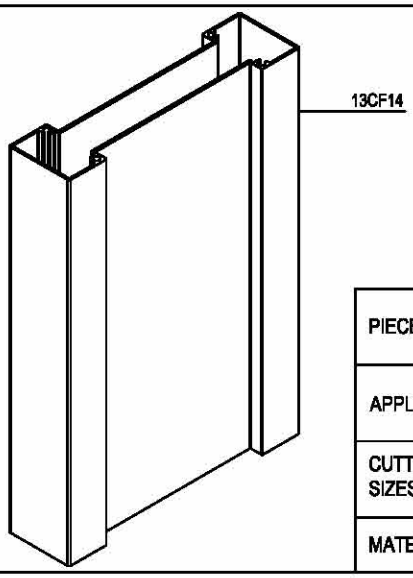


PIECE CODE	25A1206
APPLIED ON	13MF06
CUTTING SIZES (L)	250 mm
MATERIALS	Alüminium



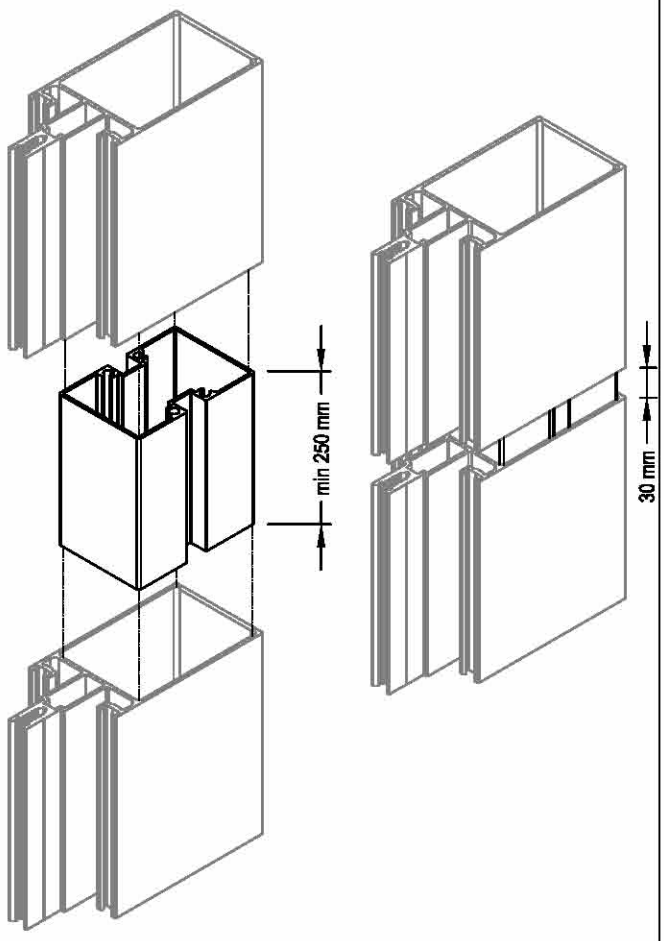
PIECE CODE	25A1207
APPLIED ON	13MF07
CUTTING SIZES (L)	250 mm
MATERIALS	Alüminium

DRAWING / INFORMATION



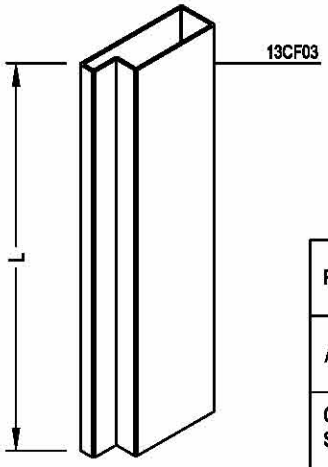
PIECE CODE	25A1208
APPLIED ON	13MF08
CUTTING SIZES (L)	250 mm
MATERIALS	Alüminium

APPLICATION

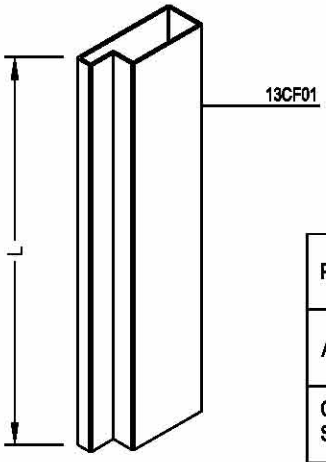


VERTICAL CONNECTION

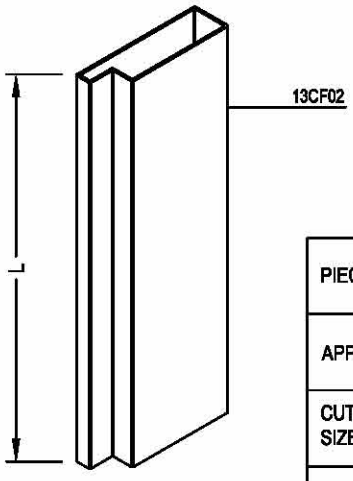
DRAWING / INFORMATION



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



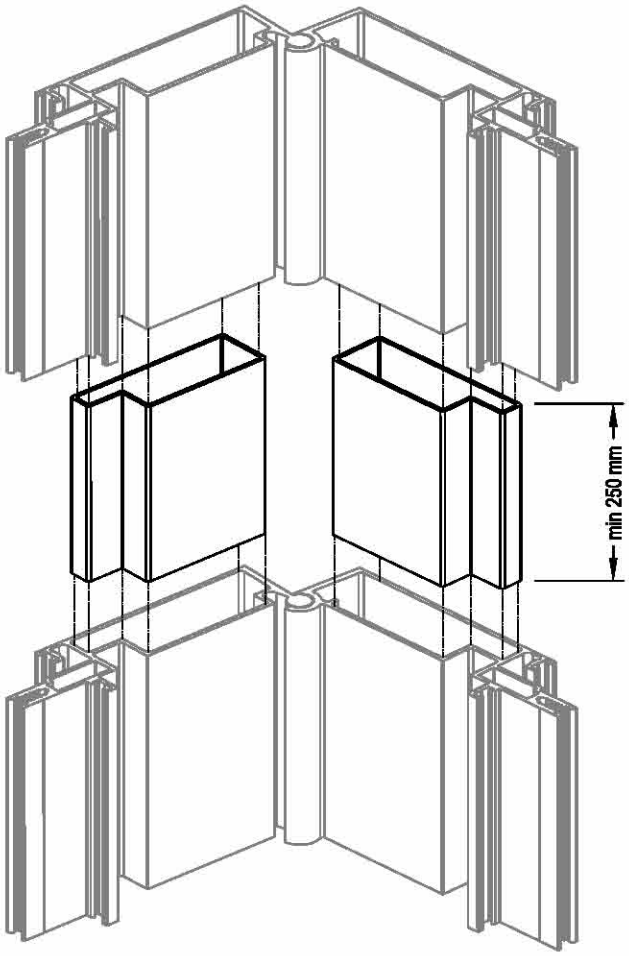
PIECE CODE	25A1210
APPLIED ON	13DF04
CUTTING SIZES (L)	250 mm
MATERIALS	Alüminium

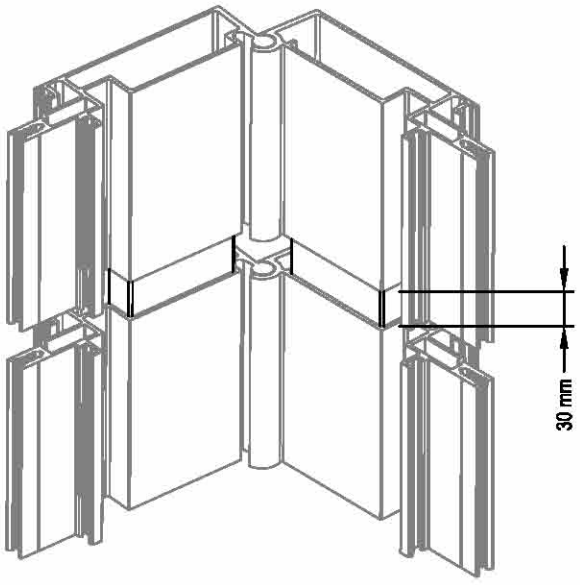


PIECE CODE	25A1211
APPLIED ON	13DF05 13DF06 + 13DF07
CUTTING SIZES (L)	250 mm
MATERIALS	Alüminium

DRAWING / INFORMATION

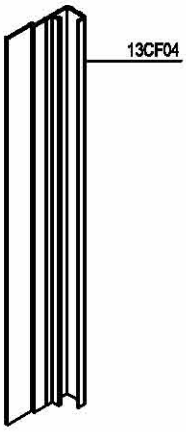
APPLICATION





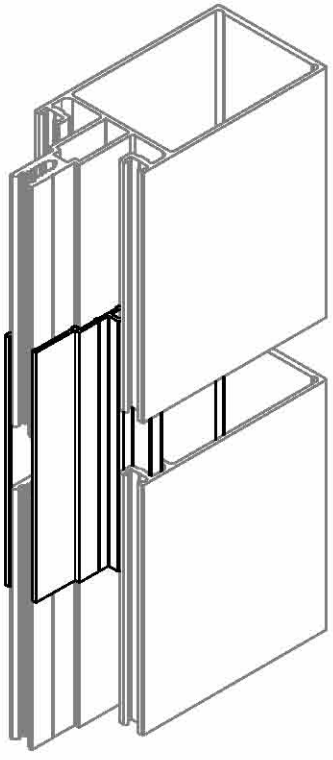
VERTICAL CONNECTION

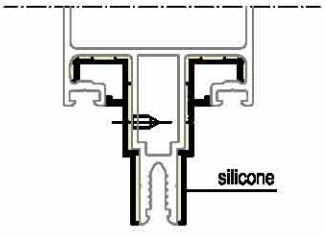
DRAWING / INFORMATION



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

APPLICATION





DRAWING / INFORMATION

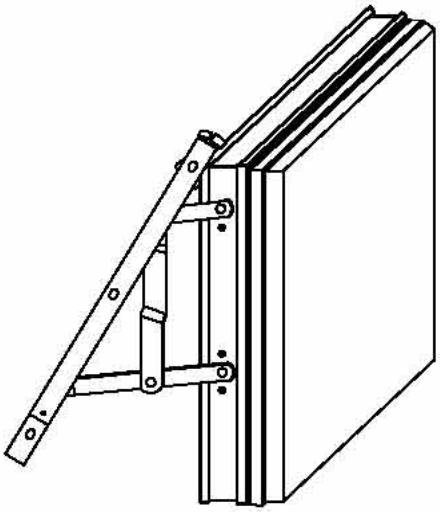
DRAWING / INFORMATION

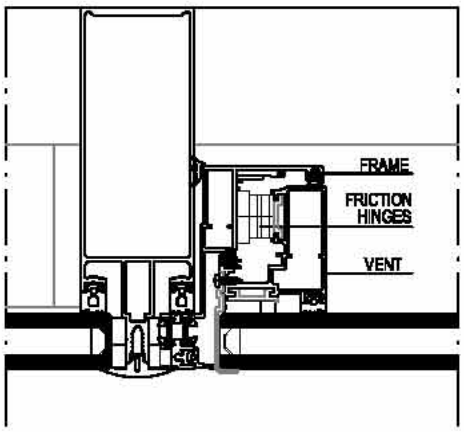
APPLICATION

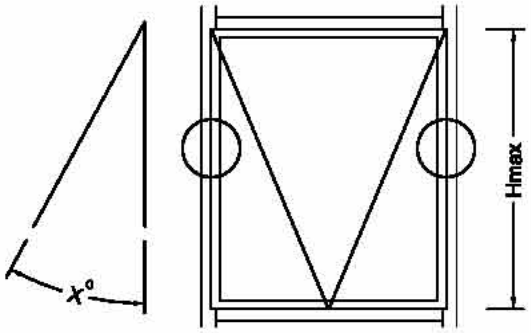
ROTO / SECURISTYLE

STERLING

FRICTION HINGES







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

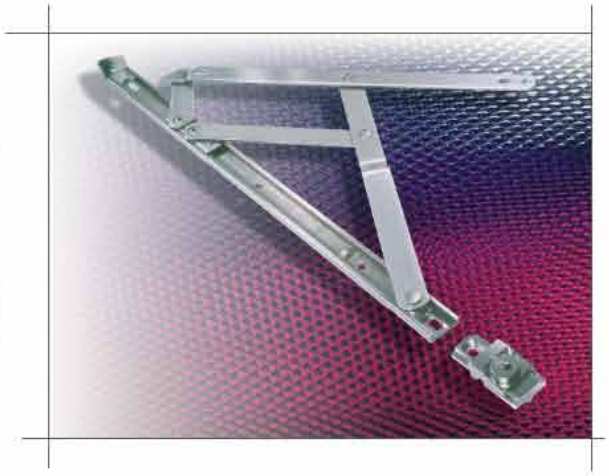
DRAWING / INFORMATION

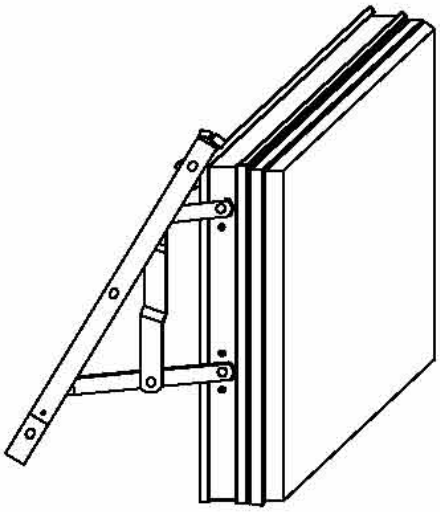
APPLICATION

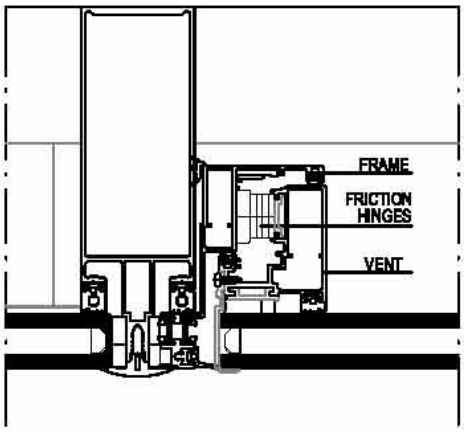
ROTO / SECURISTYLE

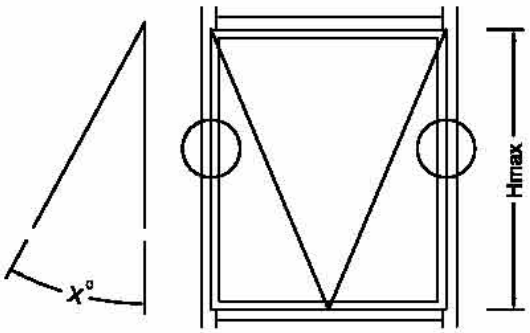
STORM

FRICTION HINGES







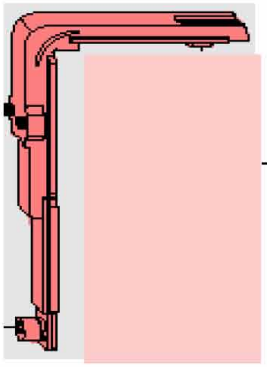


MATERIALS: STEEL CODE	PRODUCT TYPE	MAX VENT WEIGHT(kg)	MAX VENT HEIGHT(mm) H	OPENING ANGLE o o X (+ - 2.5)
21A1107	Storm 10 top / side hung	50 kg	280 - 762 mm	75°
21A1108	Storm 16 top / side hung	63 kg	457 - 1120 mm	87°
21A1109	Storm 22 top / side hung	75 kg	610 - 1321 mm	90°
21A1110	Storm 26 top / side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

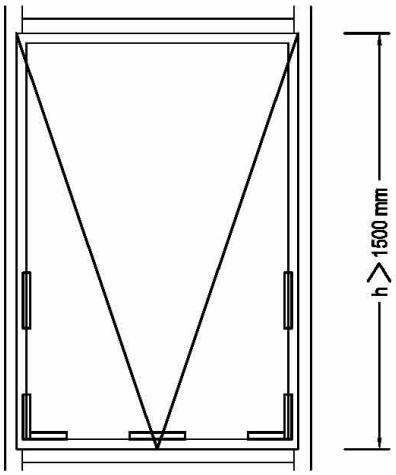
DRAWING / INFORMATION

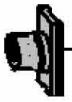
APPLICATION

ROTO

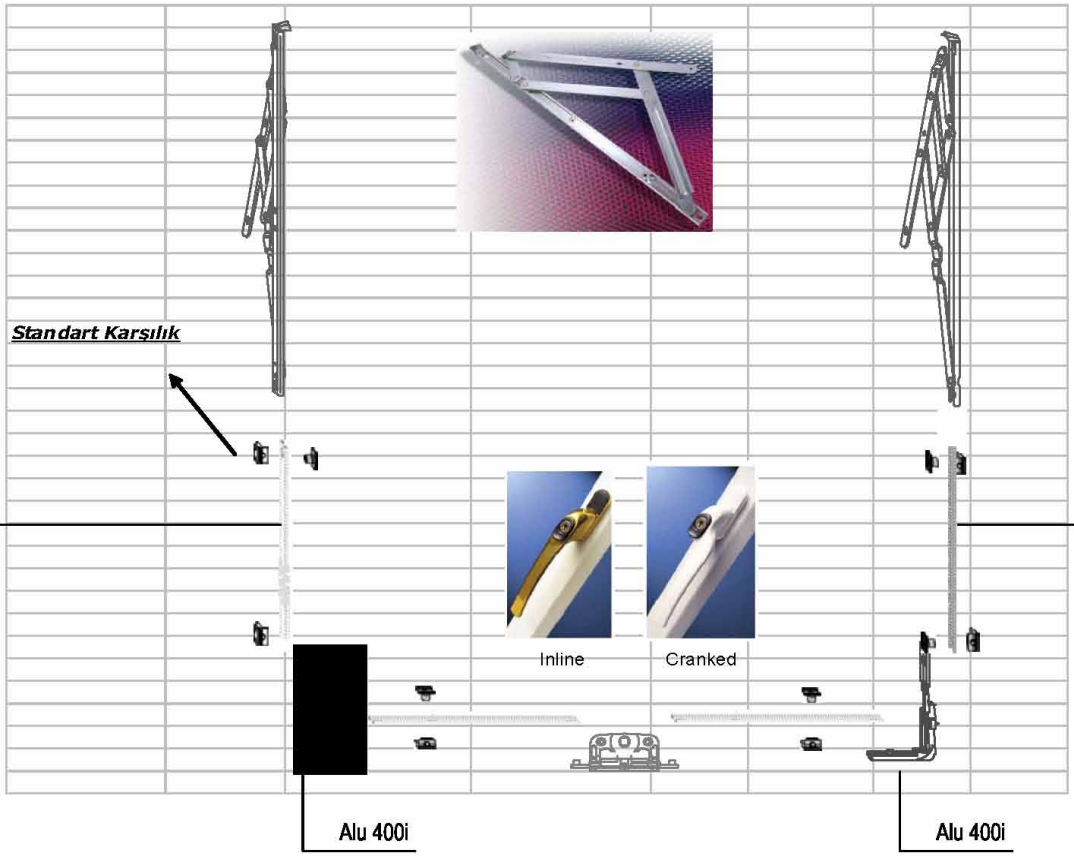


Alu 400i



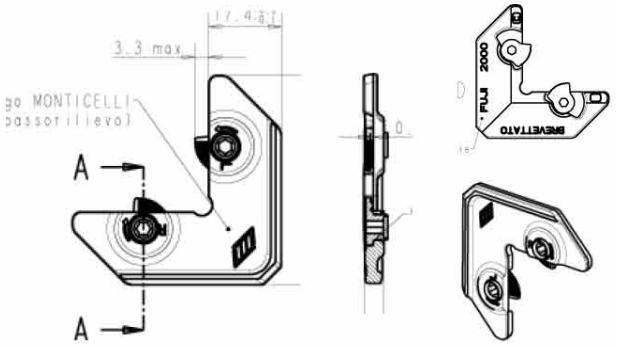


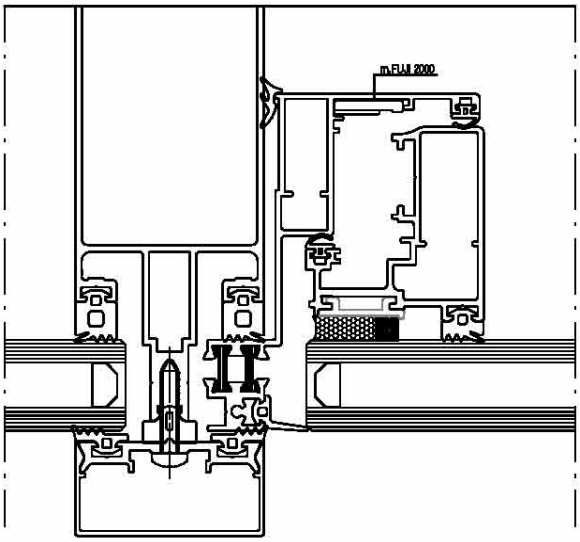
Alu 400i pim



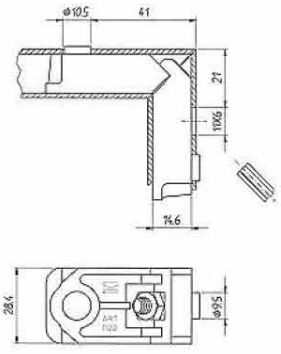
CORNER CLEATS

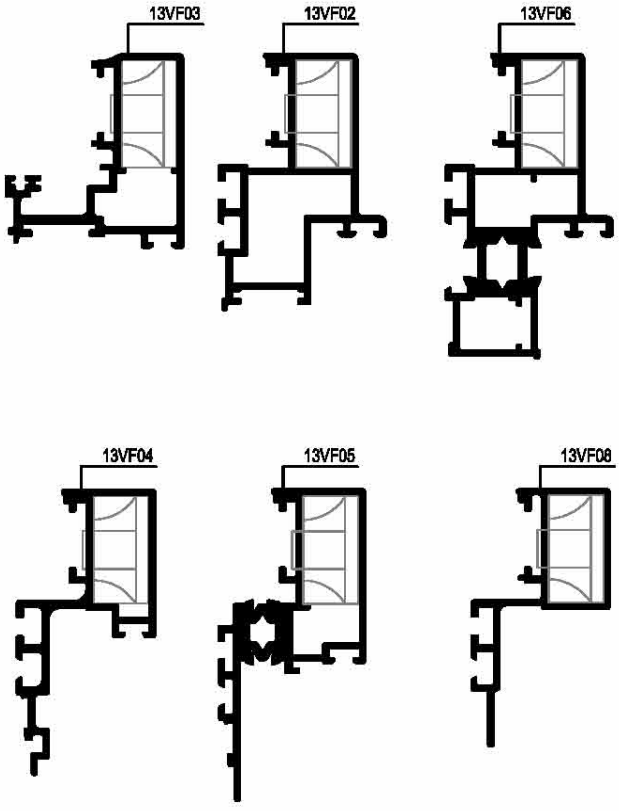
FUJI 2000





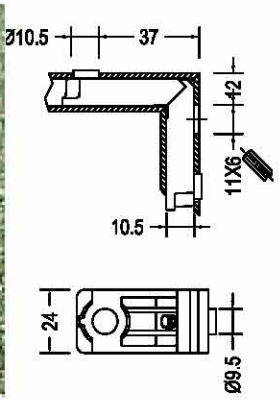
CODE FUJI 2000	Corner Cleats with handle
APPLICATION PROFILES	13HF02
MATERIALS	Die -Cast Joint Corner

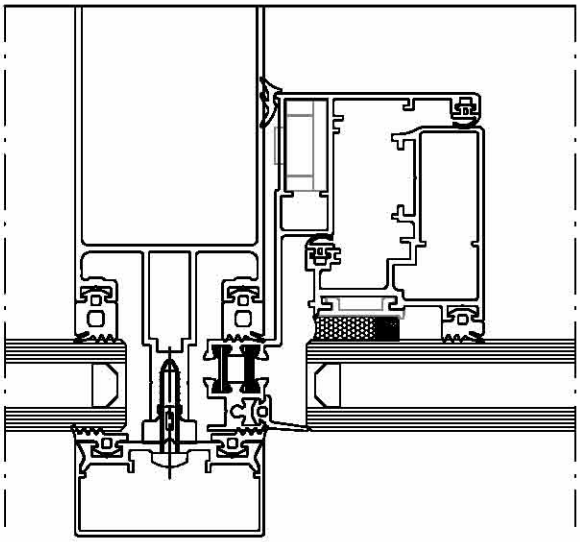




CODE 1120F	Corner Cleats with handle
APPLICATION PROFILES	13VF02 , 13VF03 , 13VF06
	13VF04 , 13VF05 , 13VF08
MATERIALS	Die -Cast Joint Corner

CORNER CLEATS

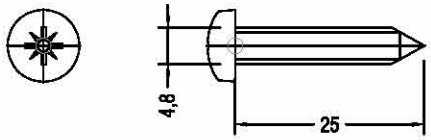


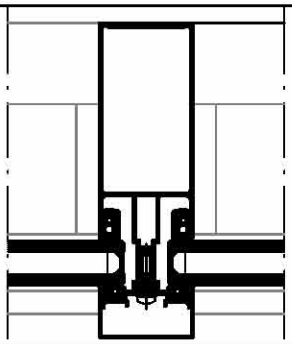


CODE 1160	Corner Cleats with handle
APPLICATION PROFILES	13HF02
MATERIALS	Die -Cast Joint Corner

SCREWS

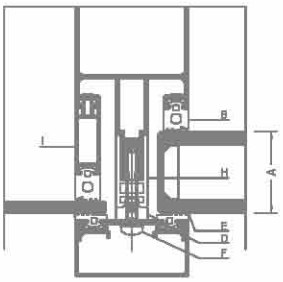
DRAWING / INFORMATION	APPLICATION





	screw ST 4.8 x 25 mm DIN ISO 7049
MATERIALS	Stainless steel A2

d - TABLES

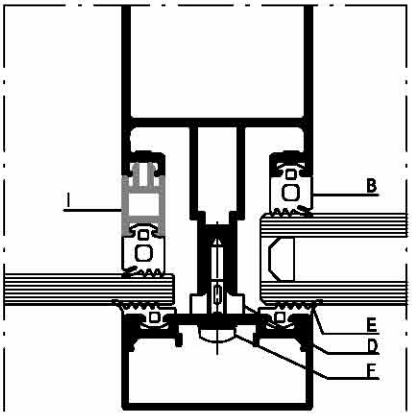


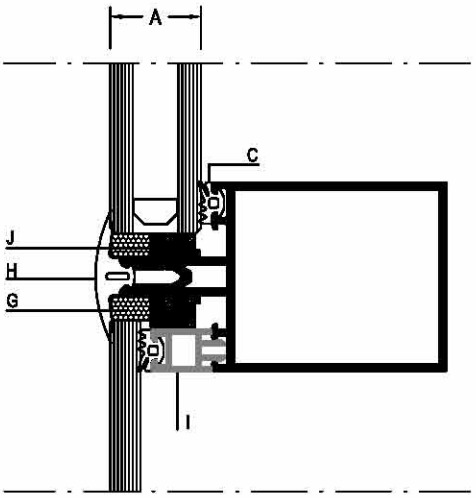
Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓕ
GLAZING THICKNESS (mm)	VERTICAL MULLION GASKETS	HORIZONTAL MULLION GASKETS	CENTRAL GASKETS	GLAZING GASKETS	SCREW
18 mm	11A1705	11A1805	11A2301	11A2401	
20 mm	11A1704	11A1804	11A2301	11A2401	
22 mm	11A1703	11A1803	11A2301	11A2401	
24 mm	11A1702	11A1802	11A2301	11A2401	
26 mm	11A1702	11A1802	11A2302	11A2401	

STANDART FACADE

TABLE OF GLASS THICKNESS FOR VERTICAL LINING

	VERTICAL MULLION GASKETS
	HORIZONTAL MULLION GASKETS
	CENTRAL GASKETS
	GLAZING GASKETS
	PRESSURE GASKETS



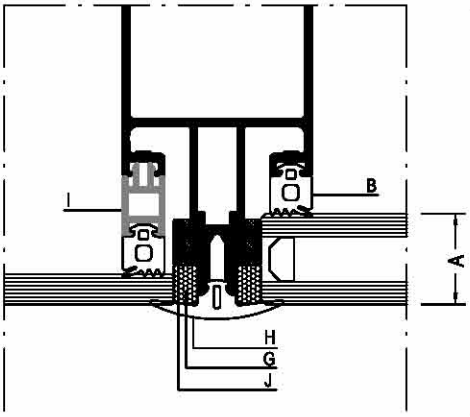


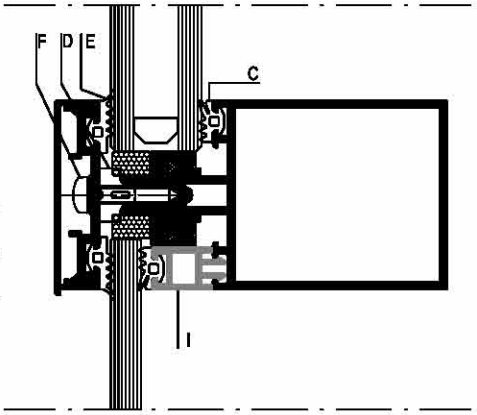
Ⓐ	Ⓑ	Ⓒ	Ⓗ	Ⓓ	Ⓔ	Ⓘ	Ⓖ	Ⓙ	Ⓕ
GLAZING THICKNESS (mm)	VERTICAL MULLION GASKETS	HORIZONTAL MULLION GASKETS	PRESSURE GASKETS	CENTRAL GASKETS	GLAZING GASKETS	GLAZING BEADS	INSULATION		SCREW (DIN ISO 7049 -A2)
6 mm	11A1703	11A1803	11A2501	11A2301	11A2401	13AF03	EL 605 Nötr Silikon	V 990 (6.4 X 12)	4.8 x 25 cross recessed inox stainless steel
8 mm	11A1702	11A1802	11A2501	11A2301	11A2401	13AF03	EL 605 Nötr Silikon	V 990 (6.4 X 12)	4.8 x 25 cross recessed inox stainless steel
10 mm	11A1704	11A1804	11A2501	11A2301	11A2401	13AF02	EL 605 Nötr Silikon	V 990 (6.4 X 12)	4.8 x 25 cross recessed inox stainless steel
12 mm	11A1703	11A1803	11A2501	11A2301	11A2401	13AF02	EL 605 Nötr Silikon	V 990 (6.4 X 12)	4.8 x 25 cross recessed inox stainless steel
14 mm	11A1702	11A1802	11A2501	11A2301	11A2401	13AF02	EL 605 Nötr Silikon	V 990 (6.4 X 12)	4.8 x 25 cross recessed inox stainless steel
18 mm	11A1705	11A1805	11A2501	11A2301	11A2401	———	EL 605 Nötr Silikon	V 990 (6.4 X 12)	4.8 x 25 cross recessed inox stainless steel
20 mm	11A1704	11A1804	11A2501	11A2301	11A2401	———	EL 605 Nötr Silikon	V 990 (6.4 X 12)	4.8 x 25 cross recessed inox stainless steel
22 mm	11A1703	11A1803	11A2501	11A2301	11A2401	———	EL 605 Nötr Silikon	V 990 (6.4 X 12)	4.8 x 25 cross recessed inox stainless steel
24 mm	11A1702	11A1802	11A2501	11A2301	11A2401	———	EL 605 Nötr Silikon	V 990 (6.4 X 12)	4.8 x 25 cross recessed inox stainless steel

STANDART FACADE

TABLE OF GLASS THICKNESS FOR HORIZONTAL LINING

	VERTICAL MULLION GASKETS
	HORIZONTAL MULLION GASKETS
	CENTRAL GASKETS
	GLAZING GASKETS
	PRESSURE GASKETS

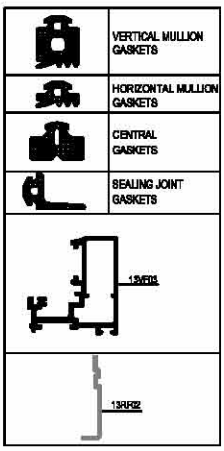


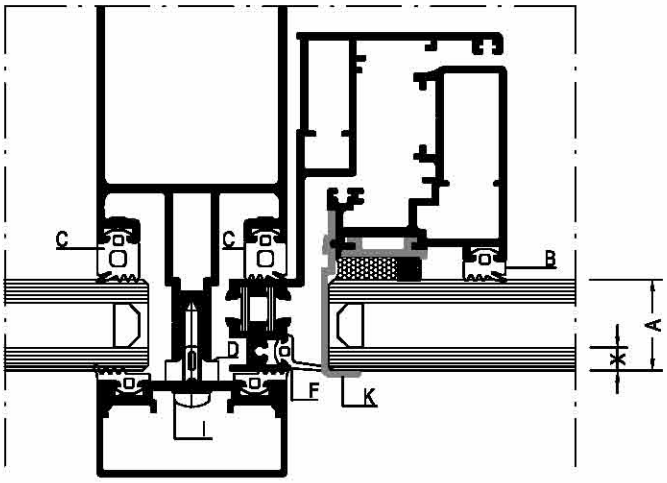


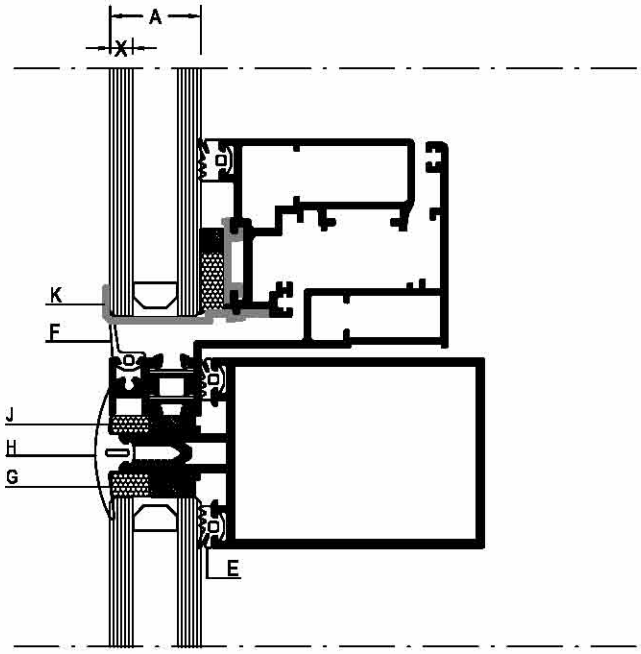
Ⓐ	Ⓑ	Ⓒ	Ⓗ	Ⓓ	Ⓔ	Ⓘ	Ⓖ	Ⓙ	Ⓕ
GLAZING THICKNESS (mm)	VERTICAL MULLION GASKETS	HORIZONTAL MULLION GASKETS	PRESSURE GASKETS	CENTRAL GASKETS	GLAZING GASKETS	GLAZING BEADS	INSULATION		SCREW (DIN ISO 7049 -A2)
6 mm	11A1703	11A1803	11A2501	11A2301	11A2401	13AF03	EL 605 Nötr Silikon	V 990 (6.4 X 12)	4.8 x 25 cross recessed inox stainless steel
8 mm	11A1702	11A1802	11A2501	11A2301	11A2401	13AF03	EL 605 Nötr Silikon	V 990 (6.4 X 12)	4.8 x 25 cross recessed inox stainless steel
10 mm	11A1704	11A1804	11A2501	11A2301	11A2401	13AF02	EL 605 Nötr Silikon	V 990 (6.4 X 12)	4.8 x 25 cross recessed inox stainless steel
12 mm	11A1703	11A1803	11A2501	11A2301	11A2401	13AF02	EL 605 Nötr Silikon	V 990 (6.4 X 12)	4.8 x 25 cross recessed inox stainless steel
14 mm	11A1702	11A1802	11A2501	11A2301	11A2401	13AF02	EL 605 Nötr Silikon	V 990 (6.4 X 12)	4.8 x 25 cross recessed inox stainless steel
18 mm	11A1705	11A1805	11A2501	11A2301	11A2401	———	EL 605 Nötr Silikon	V 990 (6.4 X 12)	4.8 x 25 cross recessed inox stainless steel
20 mm	11A1704	11A1804	11A2501	11A2301	11A2401	———	EL 605 Nötr Silikon	V 990 (6.4 X 12)	4.8 x 25 cross recessed inox stainless steel
22 mm	11A1703	11A1803	11A2501	11A2301	11A2401	———	EL 605 Nötr Silikon	V 990 (6.4 X 12)	4.8 x 25 cross recessed inox stainless steel
24 mm	11A1702	11A1802	11A2501	11A2301	11A2401	———	EL 605 Nötr Silikon	V 990 (6.4 X 12)	4.8 x 25 cross recessed inox stainless steel

STANDART FACADE

TABLE OF GLASS THICKNESS WITH RETAINING PROFILE



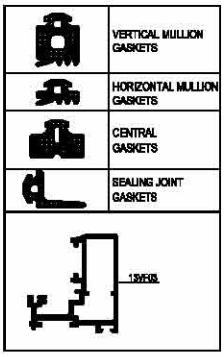


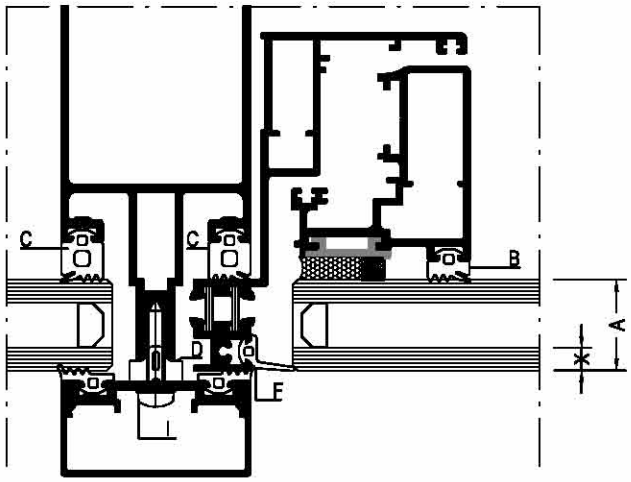


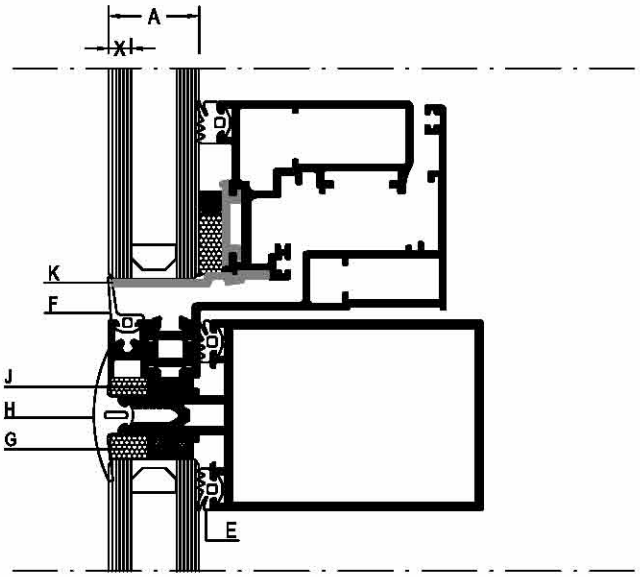
Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓗ	Ⓕ	Ⓚ	Ⓖ	Ⓙ	Ⓘ
GLAZING THICKNESS (mm)	GLAZING GASKET INSIDE OUTSIDE GLASS THICKNESS X (6 mm)	VERTICAL MULLION GASKETS	CENTRAL GASKETS	HORIZONTAL MULLION GASKETS	PRESSURE GASKETS	SEALING JOINT GASKET	RETAINING PROFILE	INSULATION		SCREW (DIN ISO 7049 -A2)
24 mm	11A1803	11A1702	11A2301	11A1802	11A2501	11A2201	13RF02	EL 605 Nötr Silikon	V 990 (6.4 X 12)	4.8 x 32 cross recessed Inox stainless steel

STANDART FACADE

TABLE OF GLASS THICKNESS WITHOUT RETAINING PROFILE

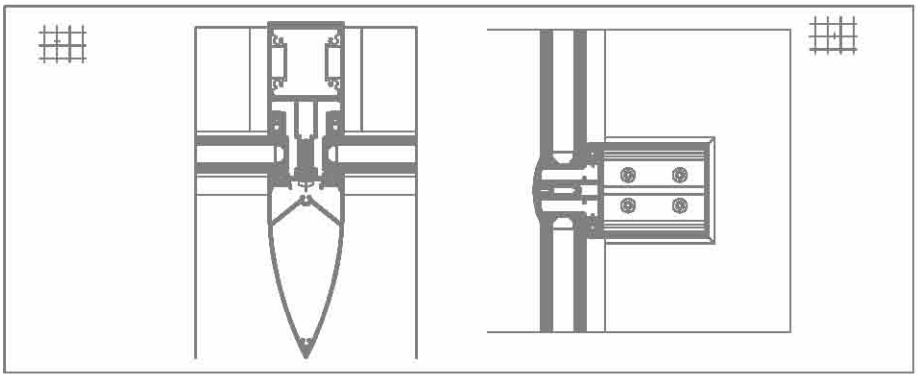




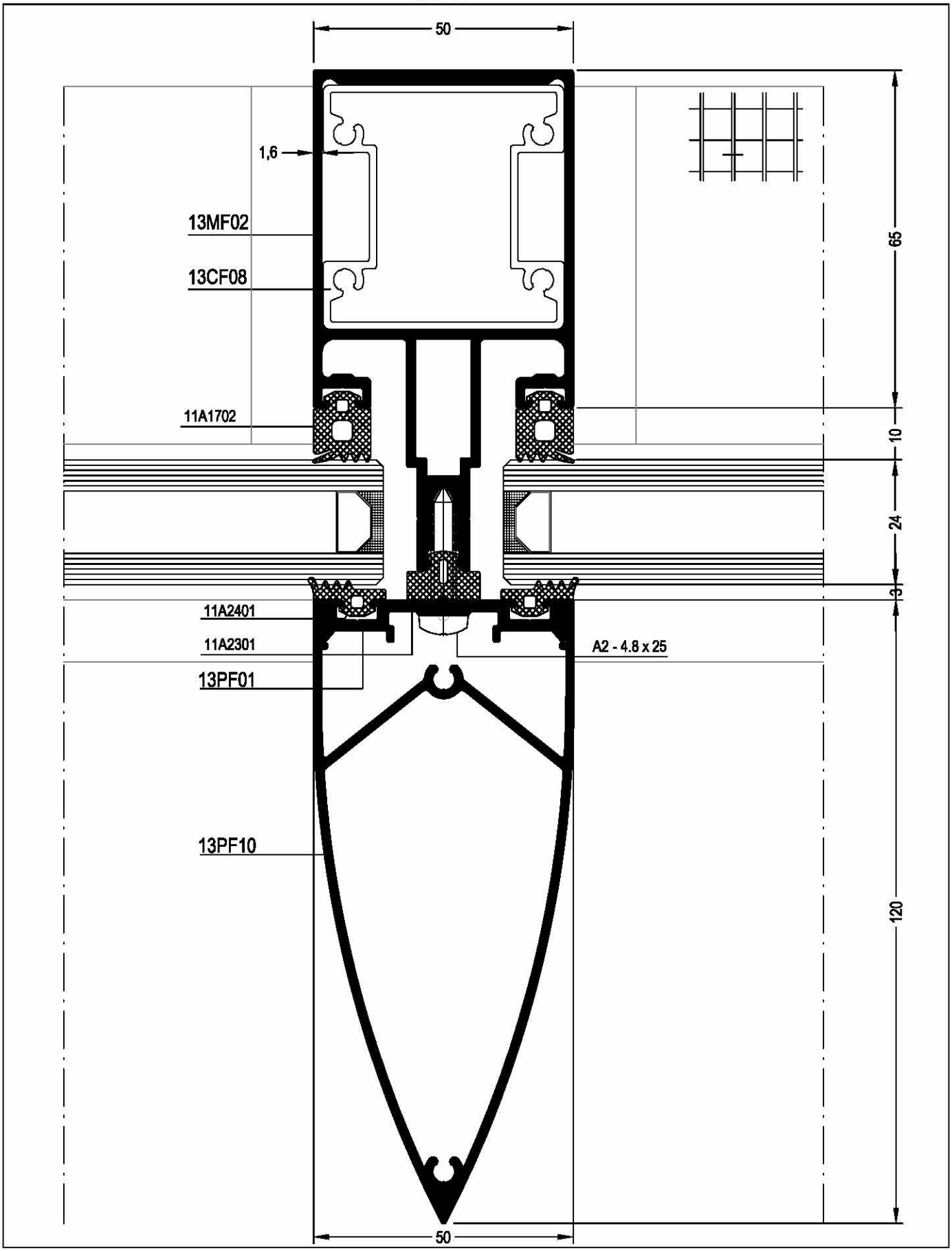


Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓗ	Ⓕ	Ⓚ	Ⓖ	Ⓙ	Ⓘ
GLAZING THICKNESS (mm)	GLAZING GASKET INSIDE OUTSIDE GLASS THICKNESS X (6 mm)	VERTICAL MULLION GASKETS	CENTRAL GASKETS	HORIZONTAL MULLION GASKETS	PRESSURE GASKETS	SEALING JOINT GASKET	RETAINING PROFILE	INSULATION		SCREW (DIN ISO 7049 -A2)
24 mm	11A1803	11A1702	11A2301	11A1802	11A2501	11A2201	13RF05	EL 605 Nötr Silikon	V 990 (6.4 X 12)	4.8 x 32 cross recessed Inox stainless steel

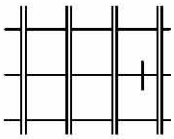
e - CURTAIN WALL - WITH VERTICAL LINING

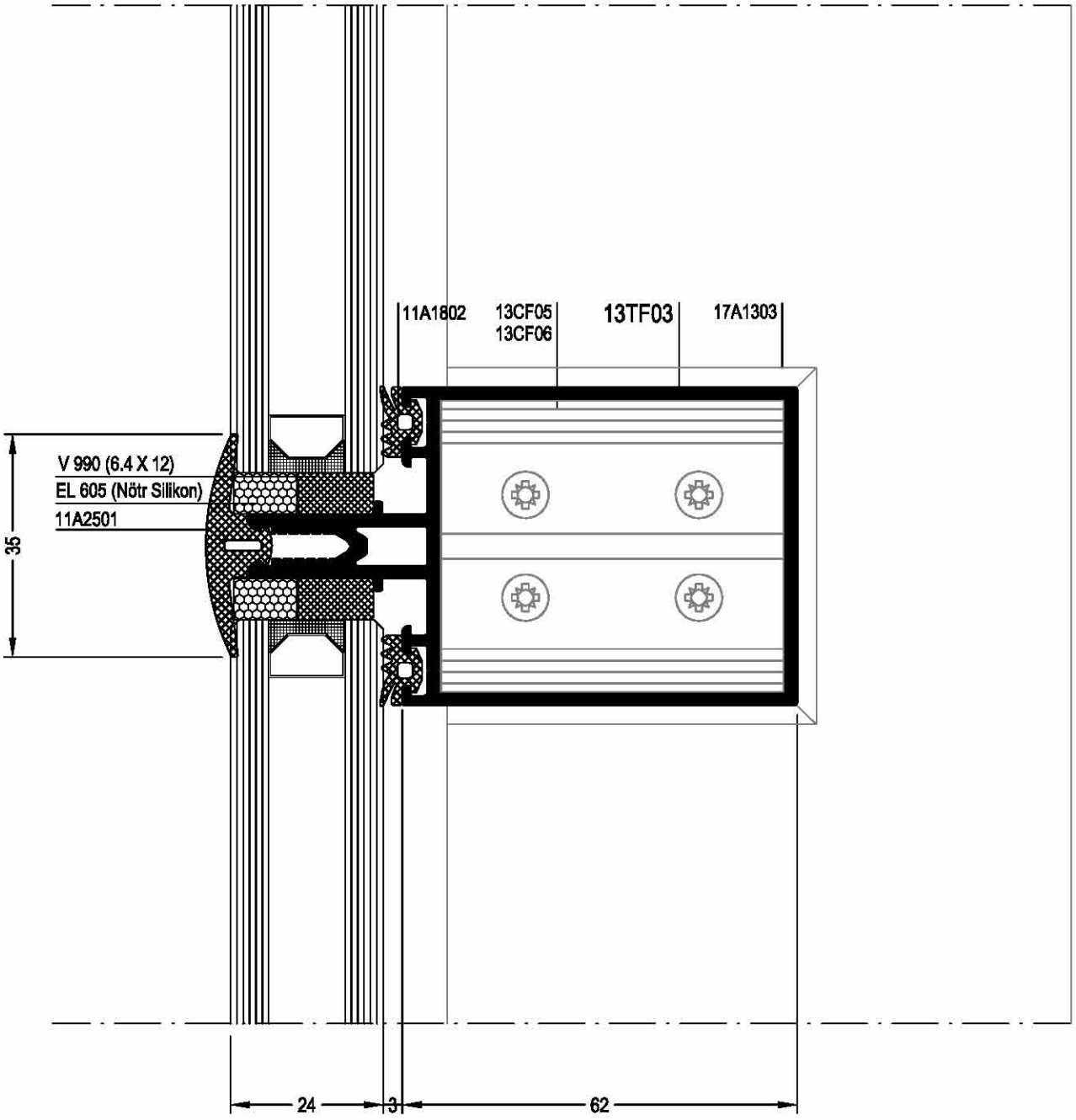


FACADE

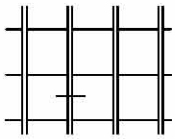

50
1,6
13MF02
13CF08
11A1702
11A2401
11A2301
13PF01
13PF10
A2 - 4.8 x 25
65
10
24
3
120
50

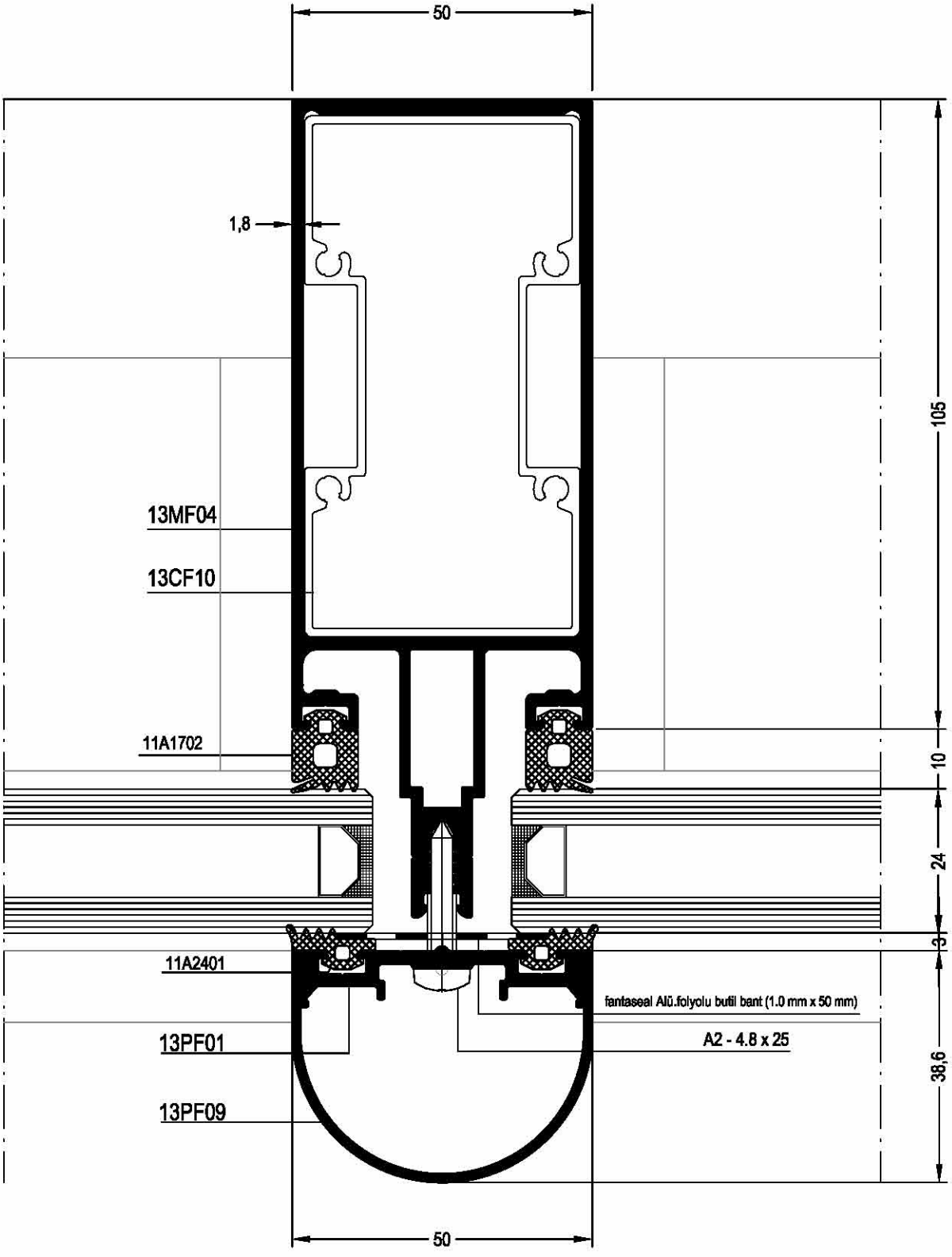
VERTICAL LINING



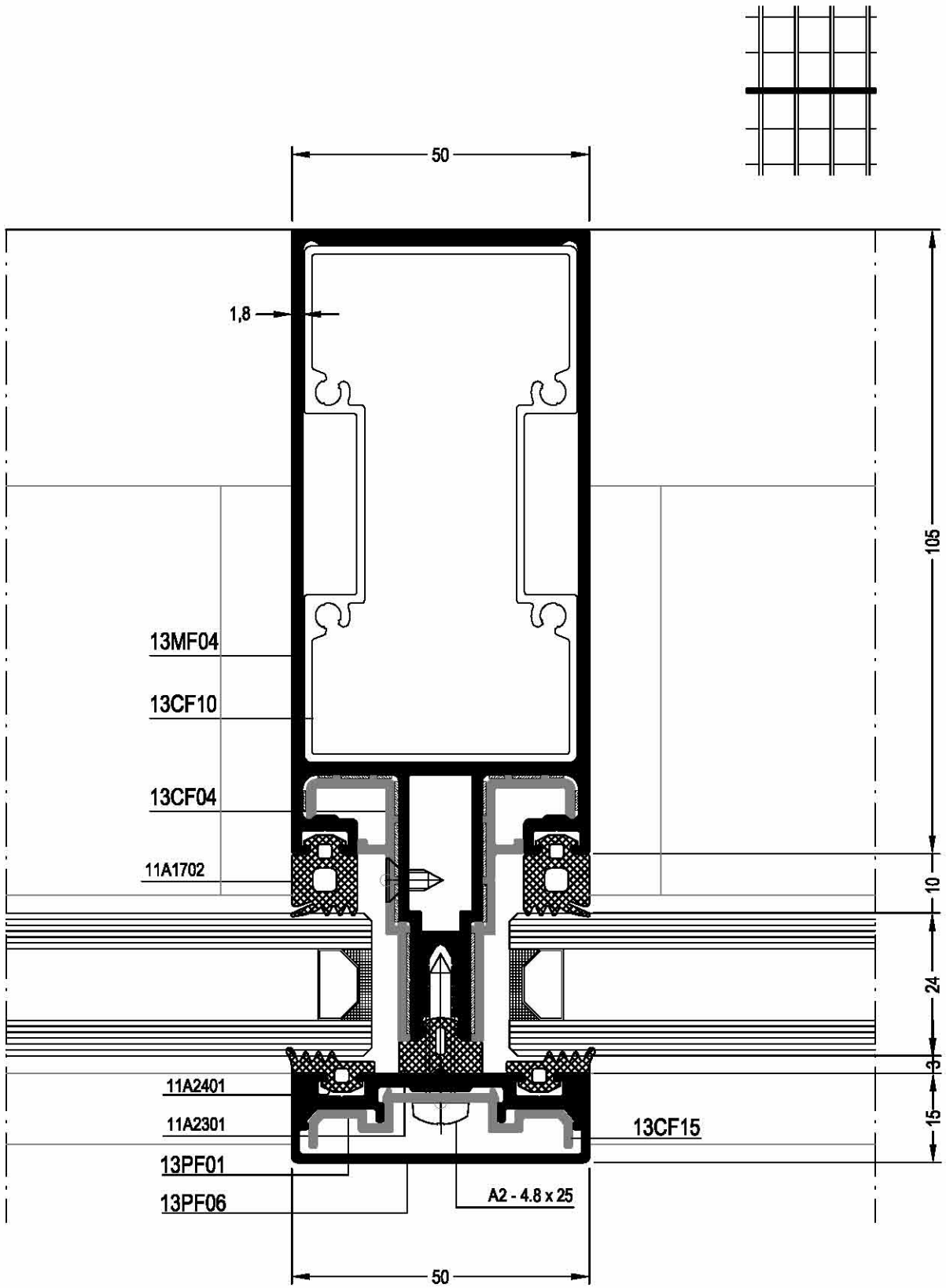


FACADE

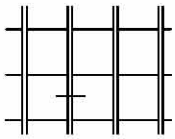


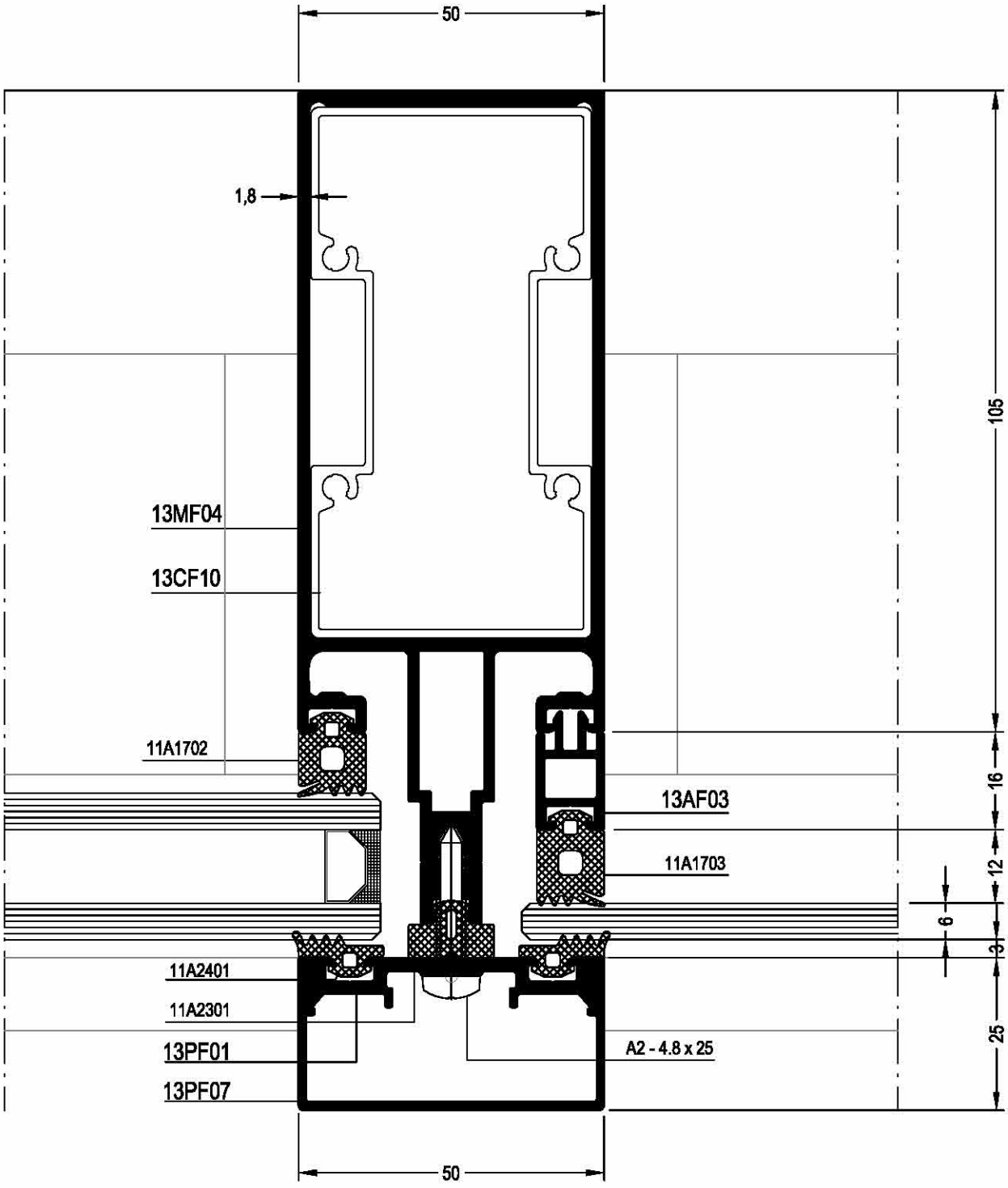

50
1,8
105
13MF04
13CF10
11A1702
10
24
3
11A2401
fantaseal Alü.folyolu butil bant (1.0 mm x 50 mm)
13PF01
A2 - 4.8 x 25
38,6
13PF09
50

FACADE

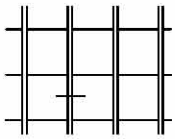

50
1,8
105
13MF04
13CF10
13CF04
11A1702
10
24
3
15
11A2401
11A2301
13PF01
13PF06
13CF15
A2 - 4.8 x 25
50

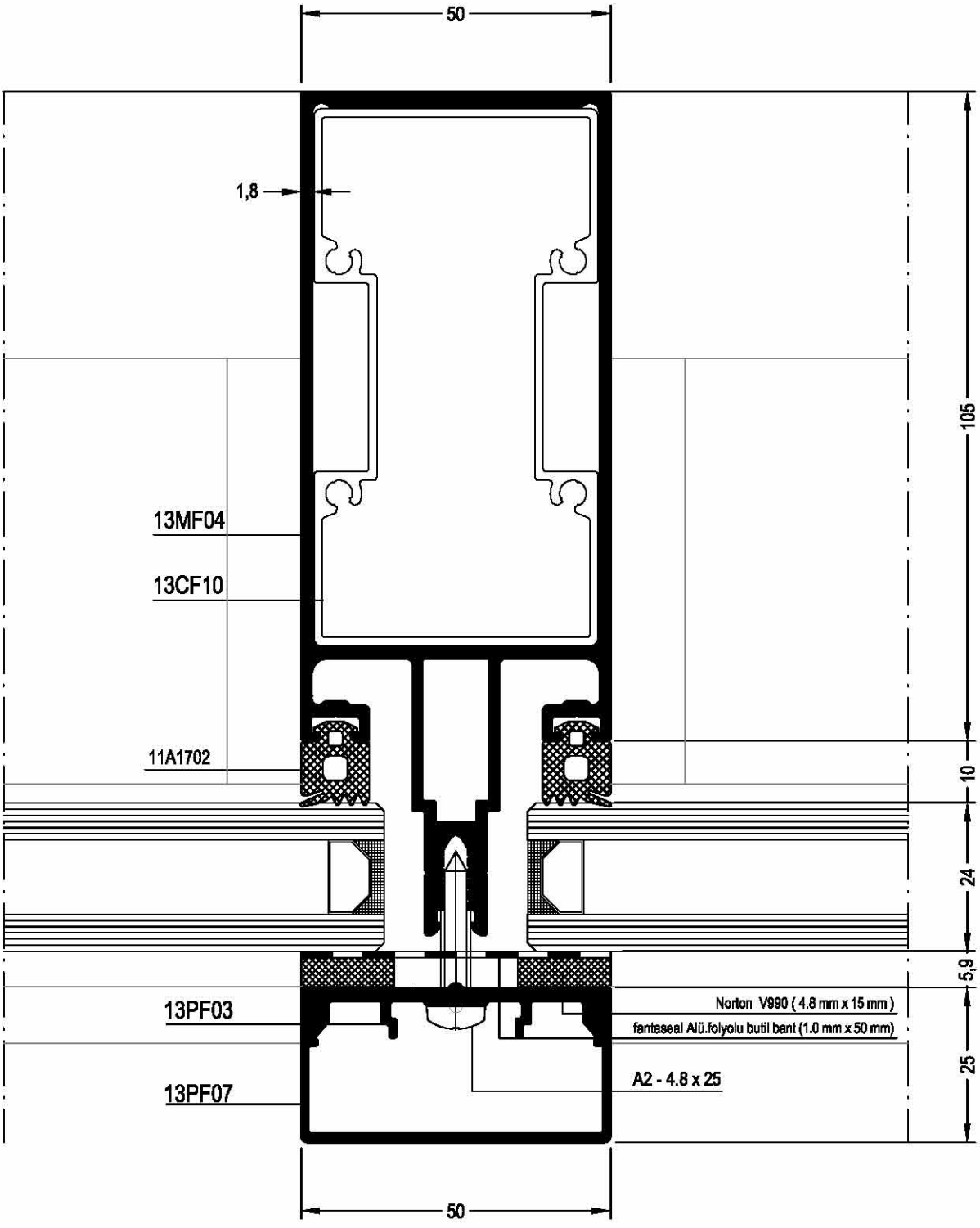
FACADE



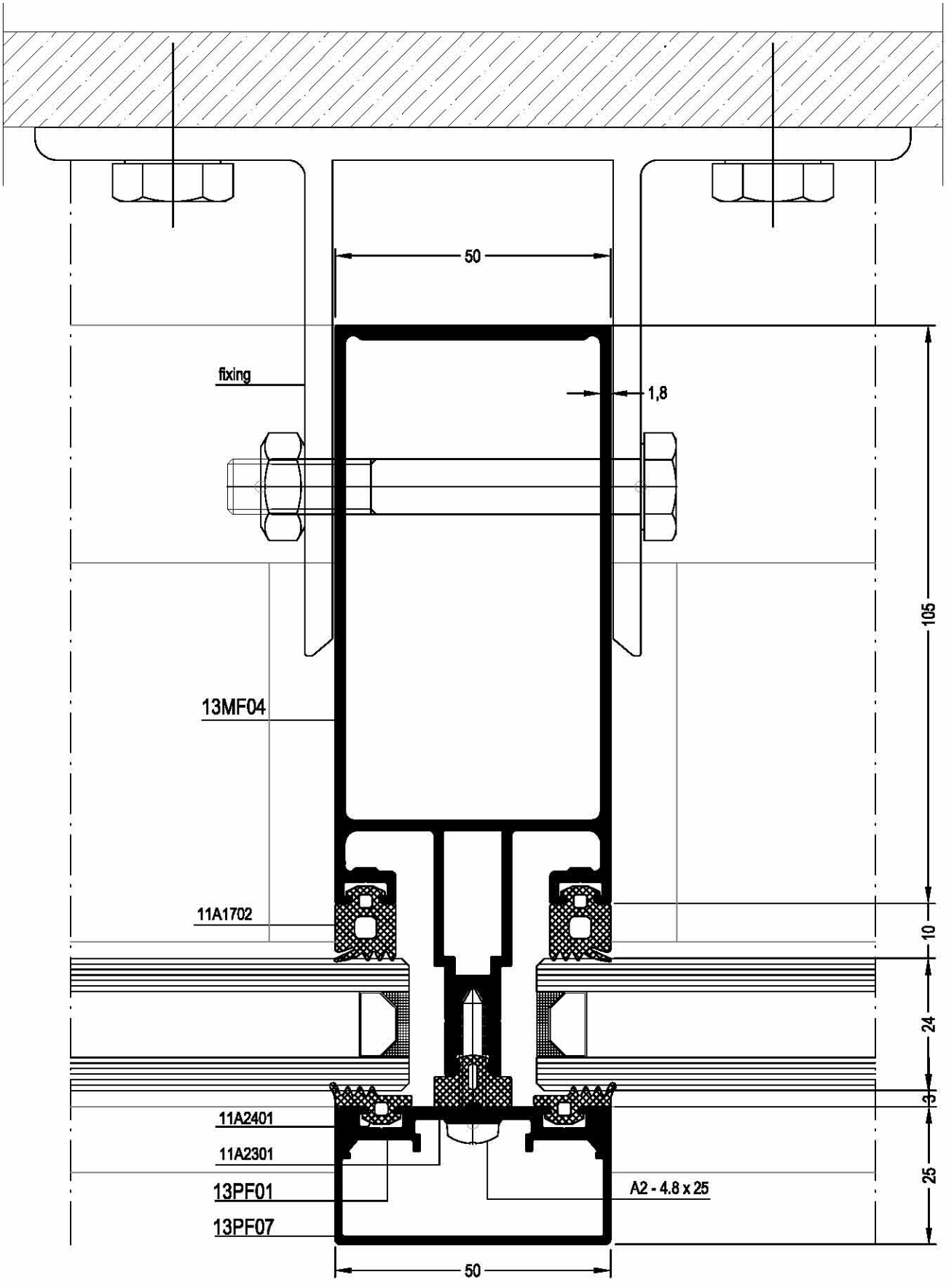

50
1,8
105
13MF04
13CF10
11A1702
13AF03
11A1703
16
12
6
3
25
11A2401
11A2301
13PF01
13PF07
A2 - 4.8 x 25
50

FACADE

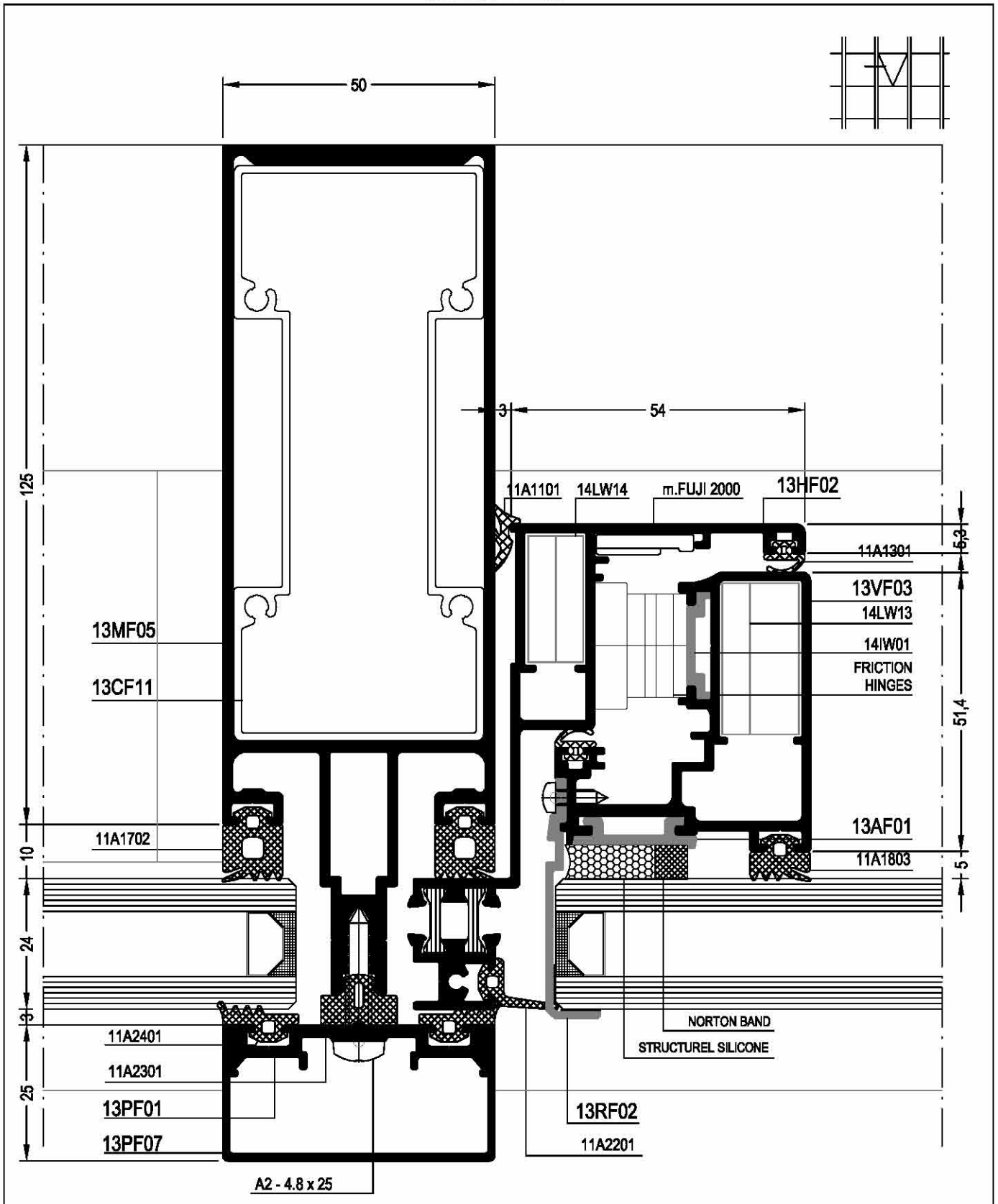



50
1,8
105
13MF04
13CF10
11A1702
10
24
5,9
13PF03
Norton V990 (4.8 mm x 15 mm)
fantaseal Alü.folyolu butil bant (1.0 mm x 50 mm)
A2 - 4.8 x 25
25
13PF07
50

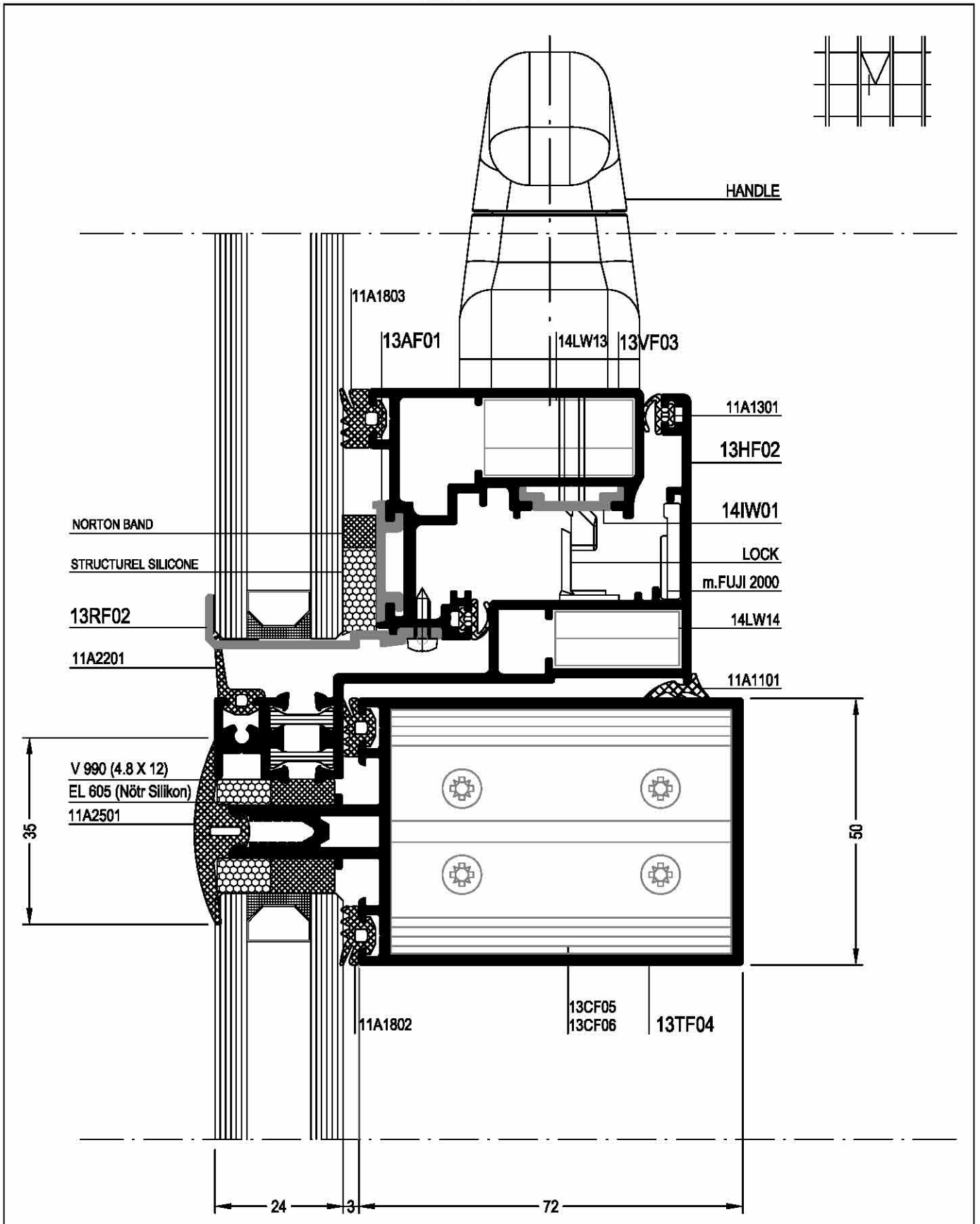
FACADE


50
fixing
1,8
105
13MF04
11A1702
10
24
3
11A2401
11A2301
13PF01
13PF07
A2 - 4.8 x 25
25
50

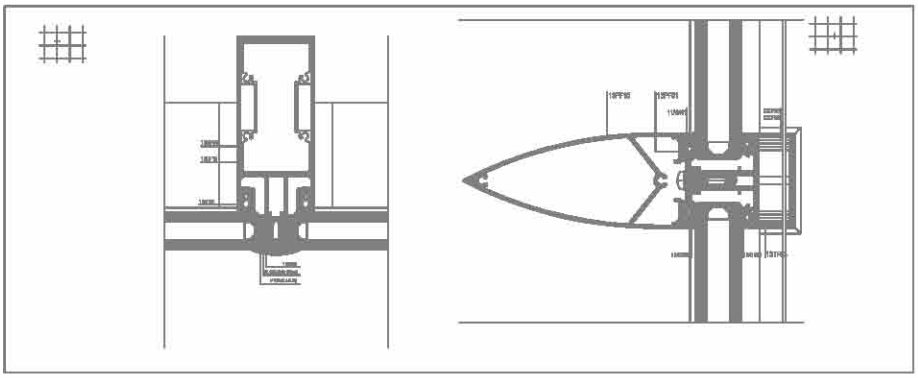
VERTICAL LINING



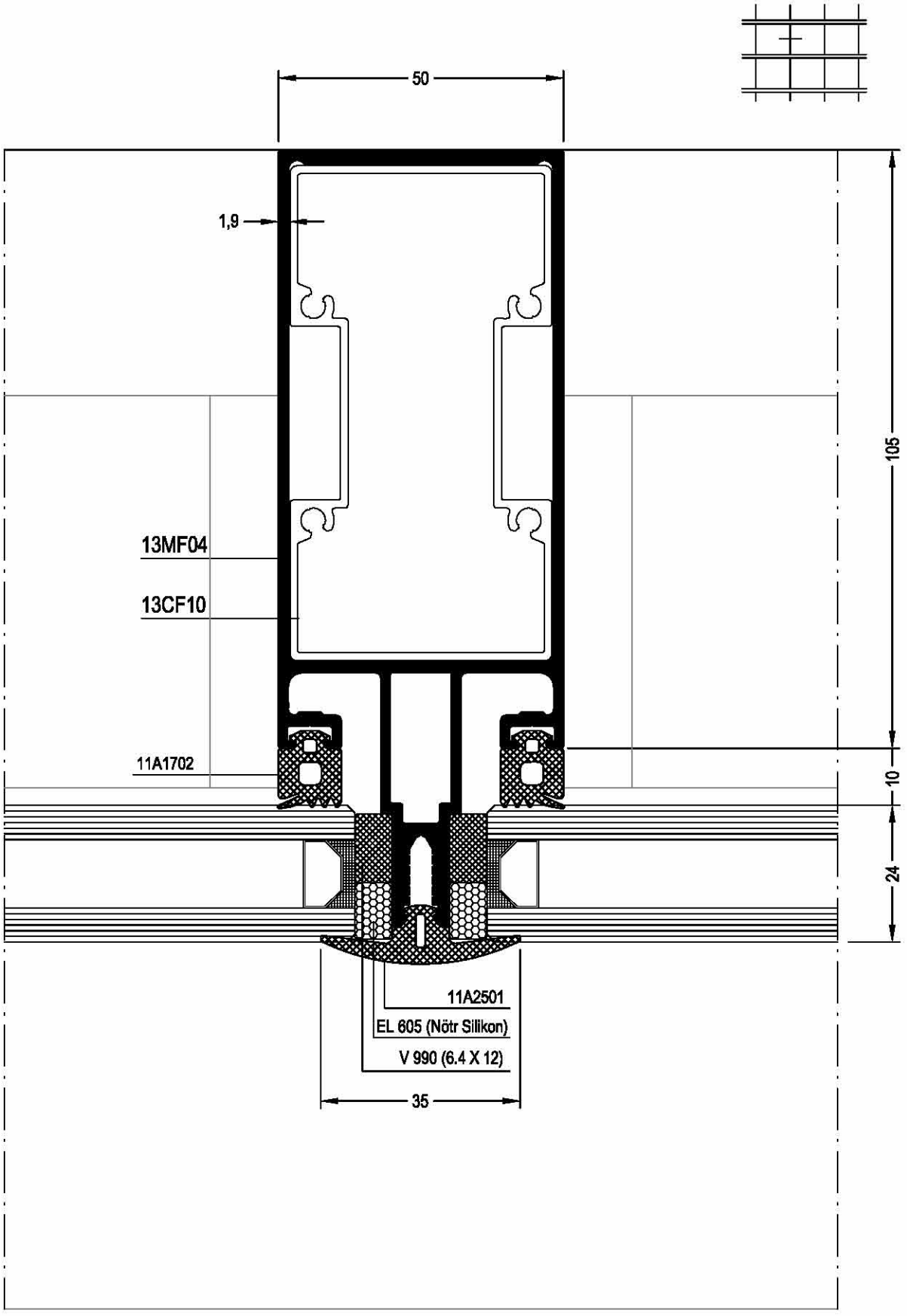
FACADE


HANDLE
11A1803
13AF01
14LW13
13VF03
11A1301
13HF02
14IW01
LOCK
m.FUJI 2000
14LW14
11A1101
NORTON BAND
STRUCTUREL SILICONE
13RF02
11A2201
V 990 (4.8 X 12)
EL 605 (Nötr Silikon)
11A2501
35
50
11A1802
13CF05
13CF06
13TF04
24
3
72

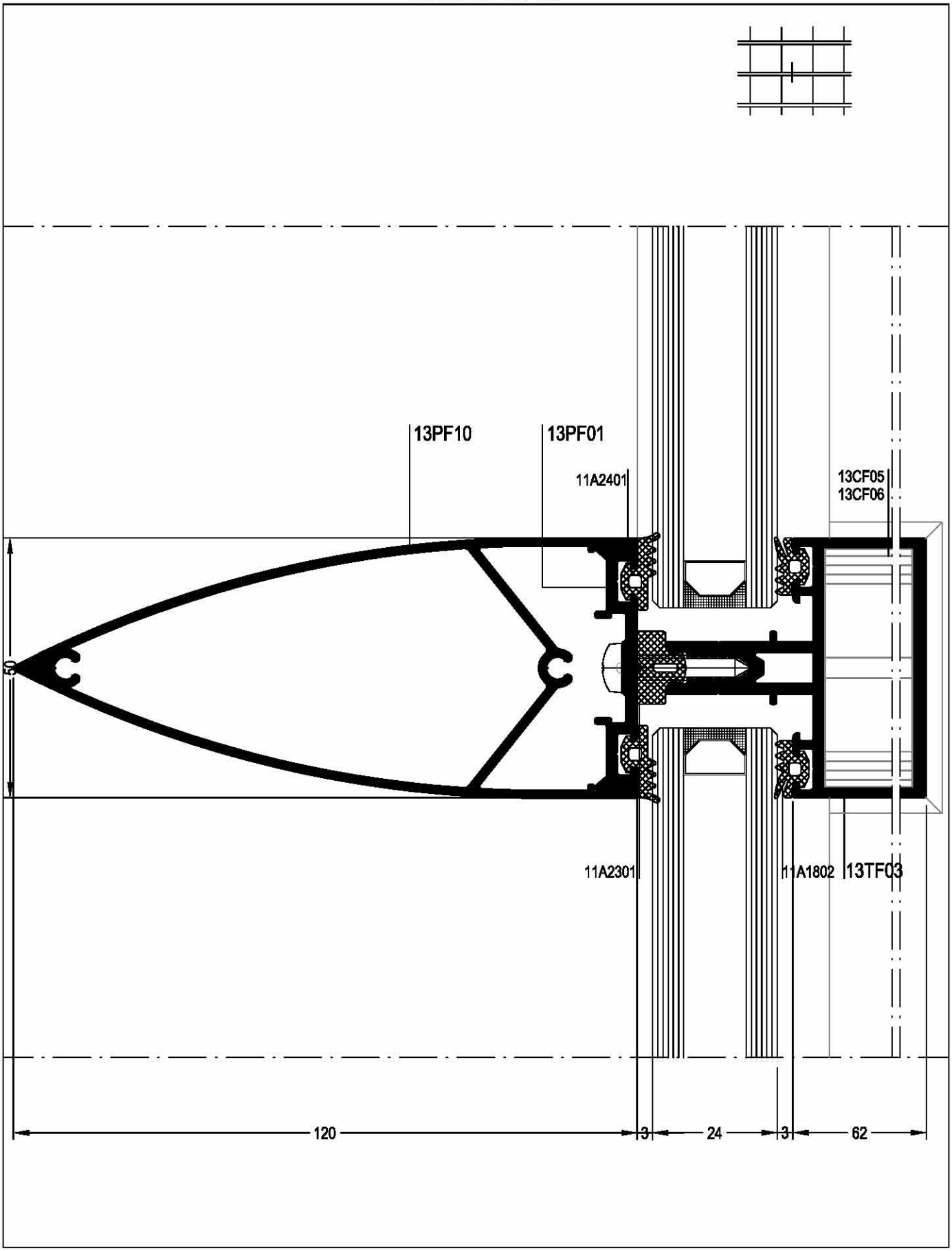
e - CURTAIN WALL - WITH HORIZONTAL LINING



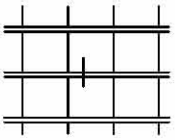
HORIZONTAL LINING

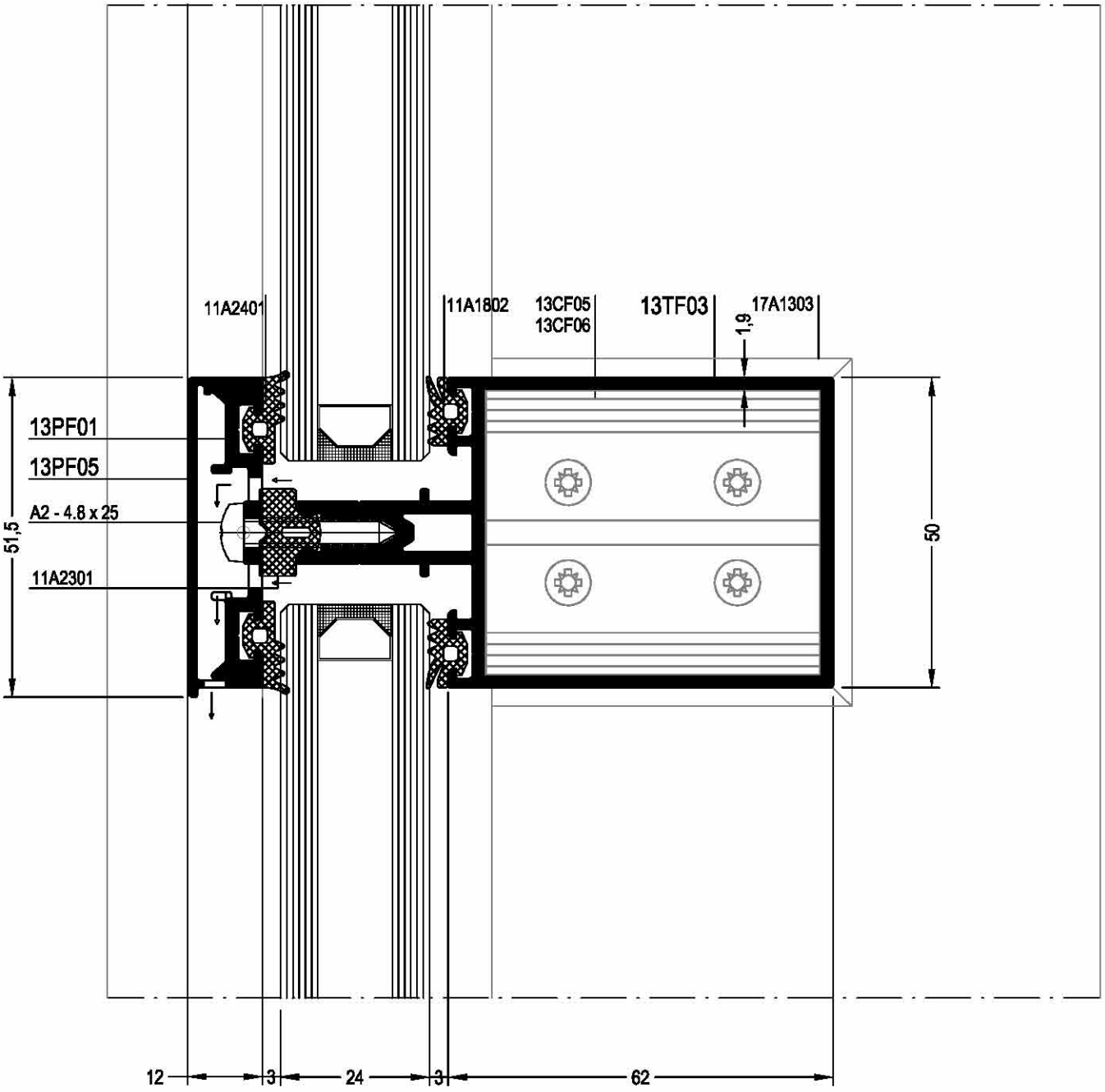


HORIZONTAL LINING

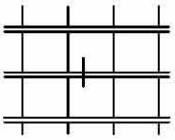


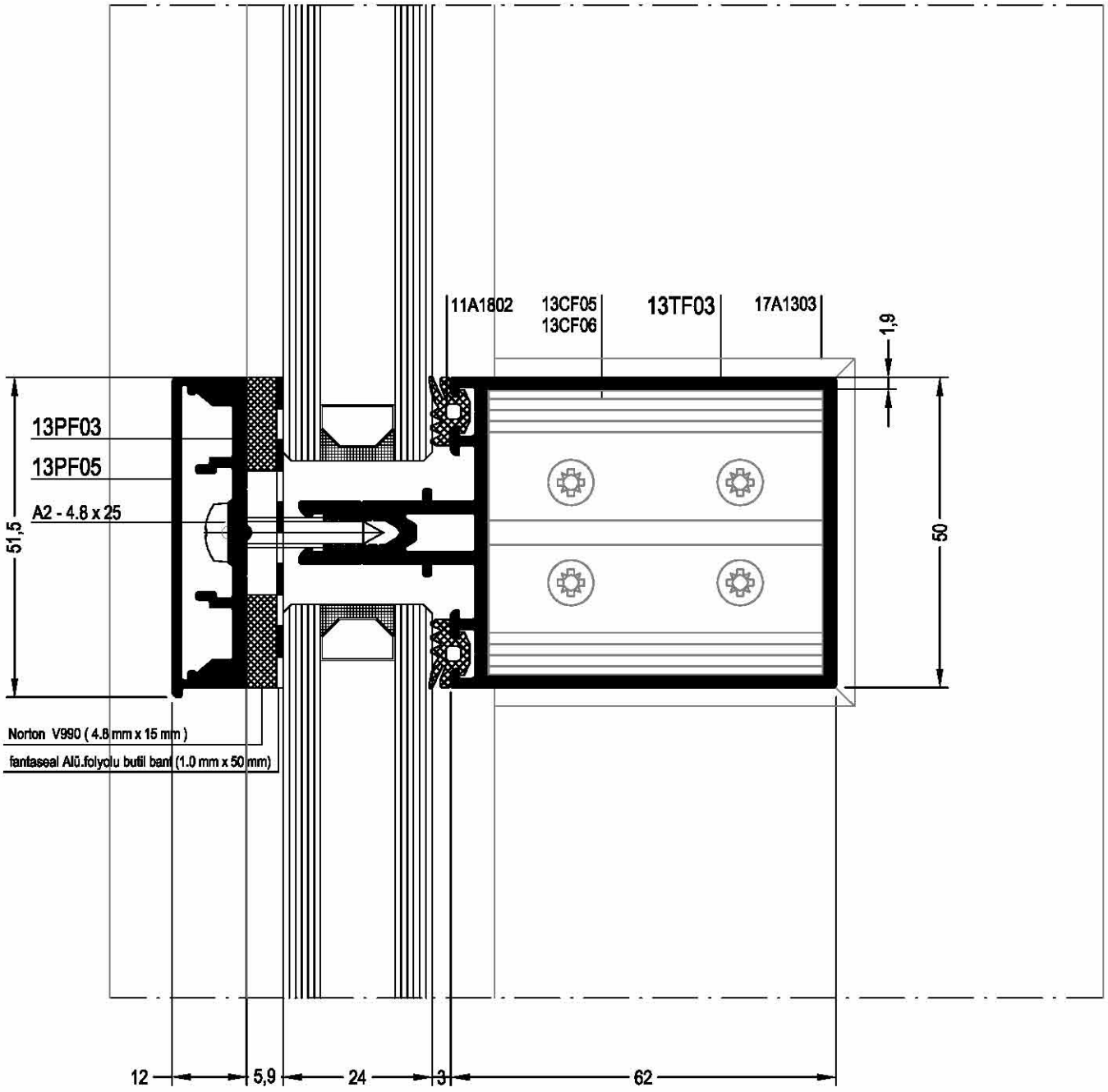
FACADE



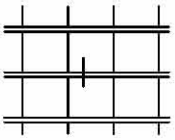

11A2401
11A1802
13CF05
13CF06
13TF03
1,9
17A1303
13PF01
13PF05
A2 - 4.8 x 25
11A2301
51,5
50
12
3
24
3
62

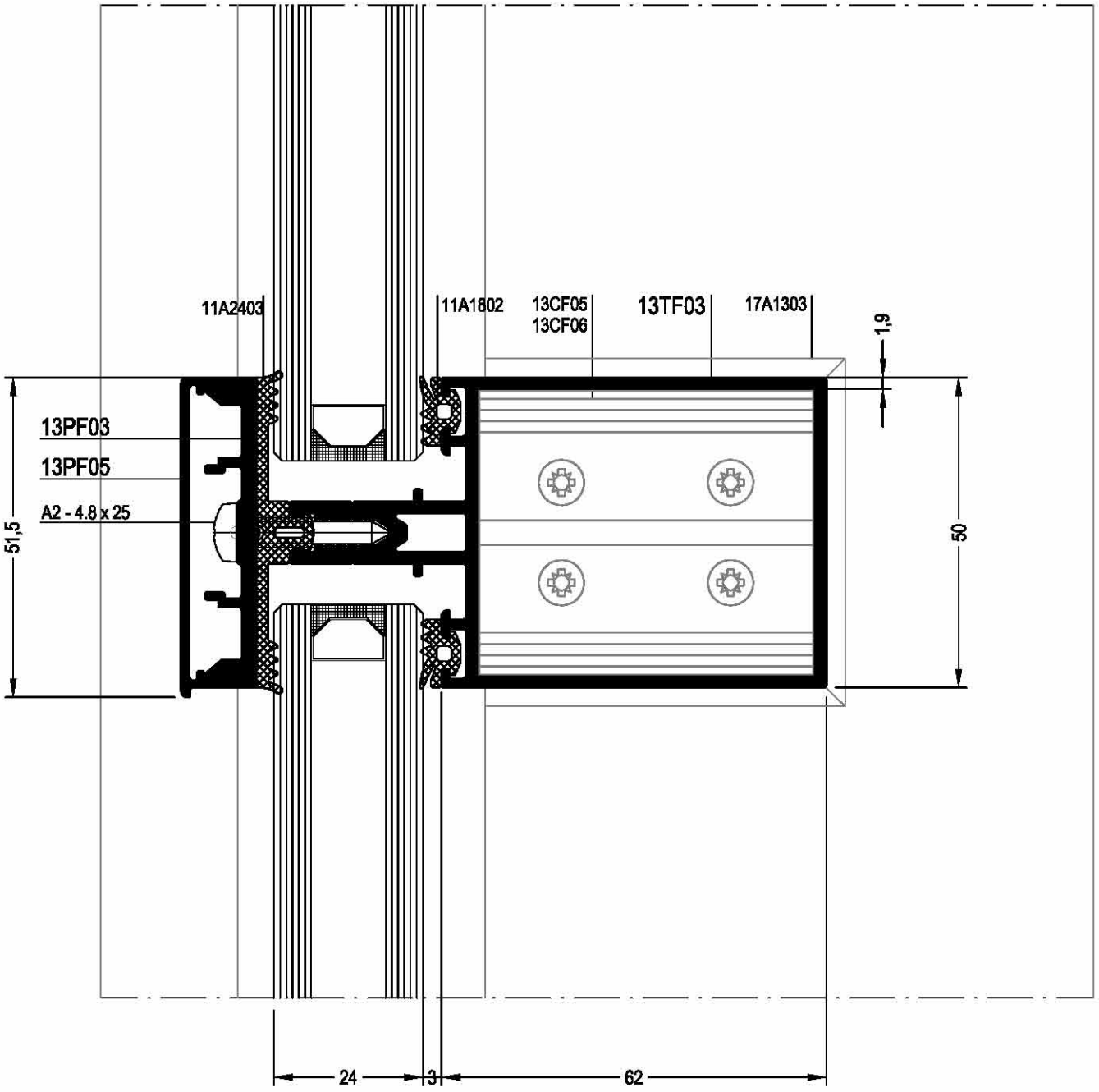
FACADE



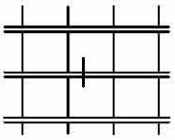

11A1602
13CF05
13CF06
13TF03
17A1303
1,9
13PF03
13PF05
A2 - 4.8 x 25
51,5
50
Norton V990 (4.8 mm x 15 mm)
fantaseal Alü.folyolu butil bant (1.0 mm x 50 mm)
12
5,9
24
3
62

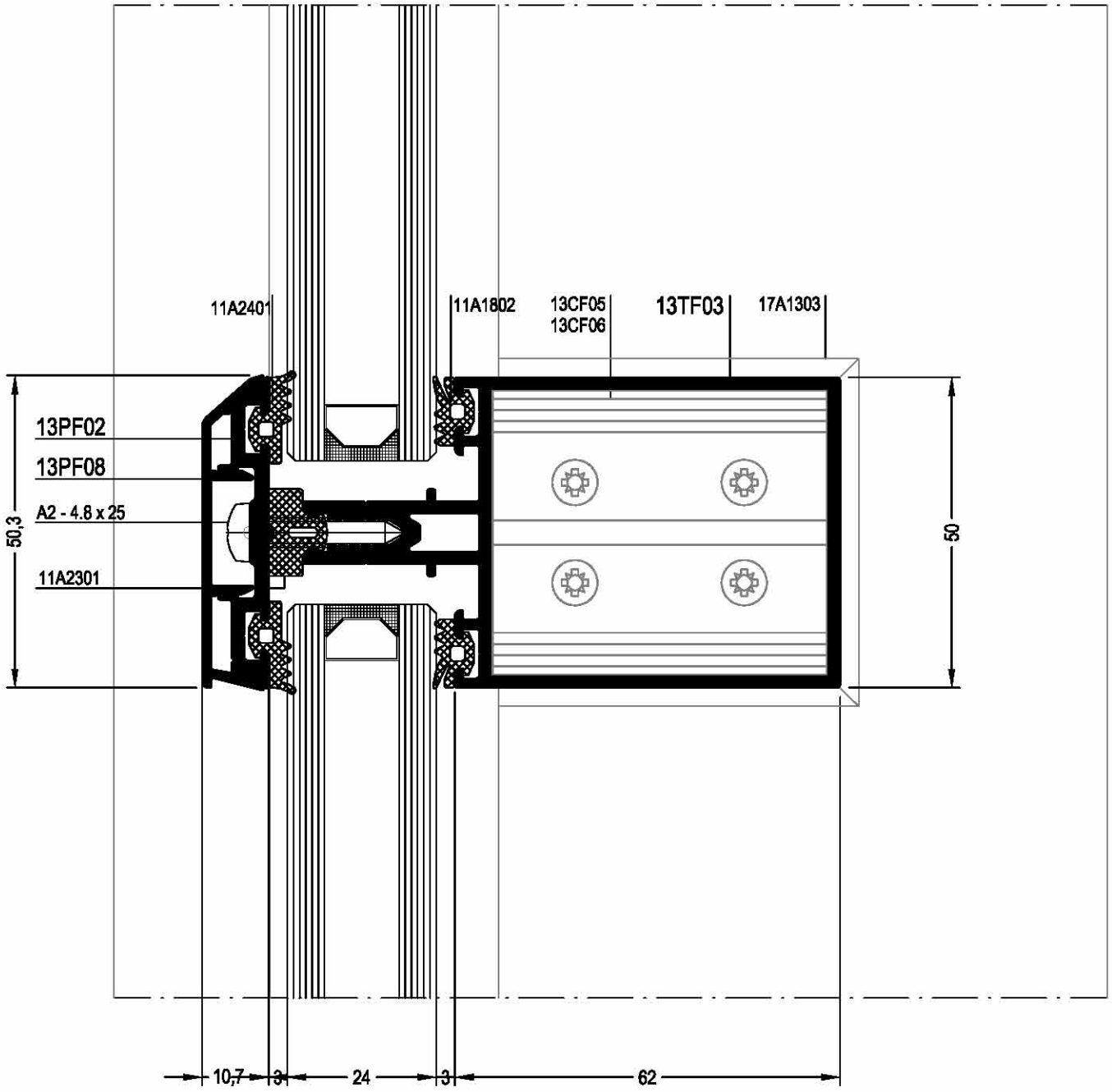
FACADE



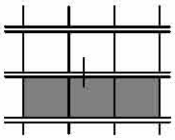

11A2403
11A1602
13CF05
13CF06
13TF03
17A1303
1,9
13PF03
13PF05
A2 - 4.8 x 25
51,5
50
24
3
62

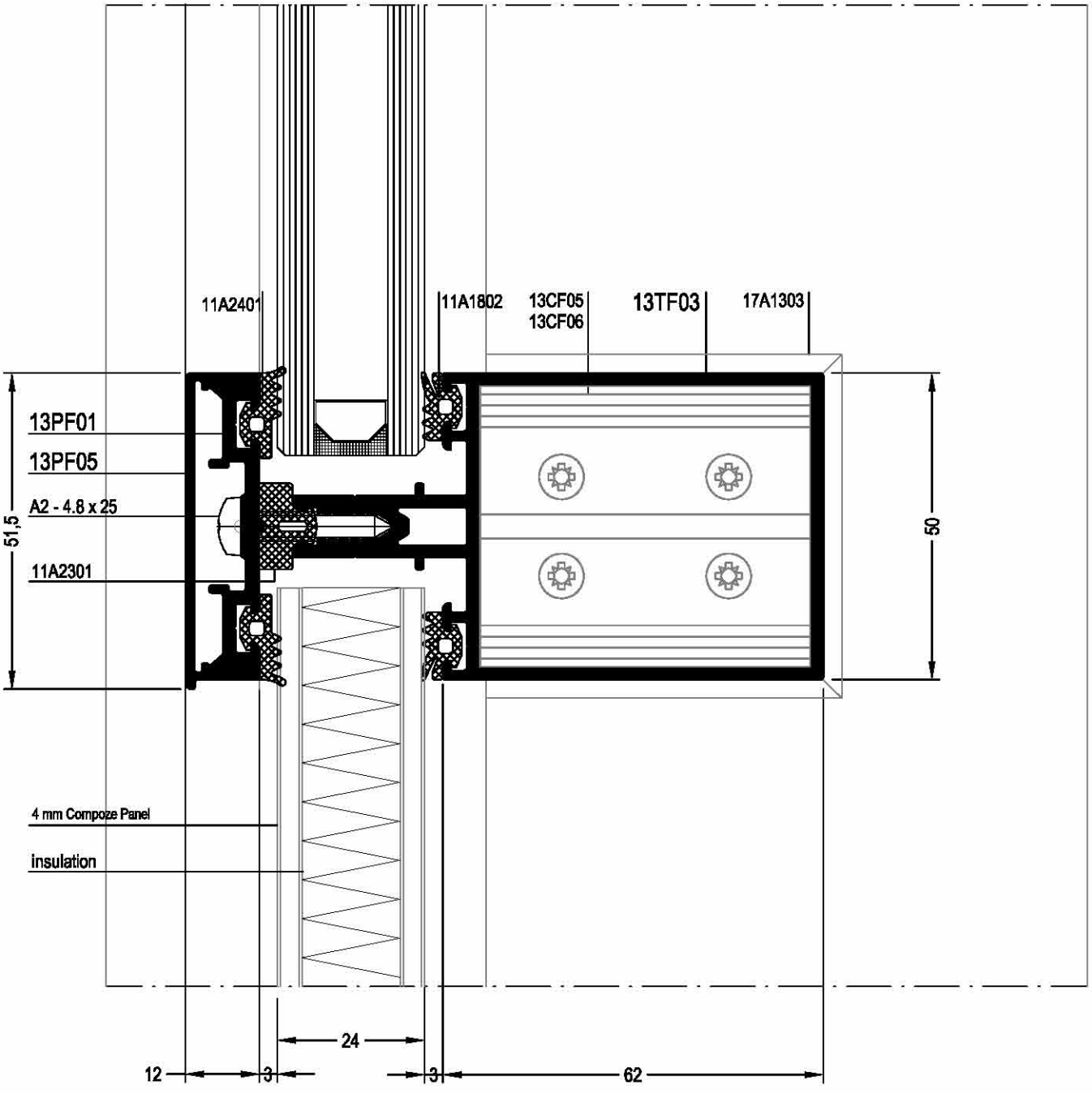
FACADE



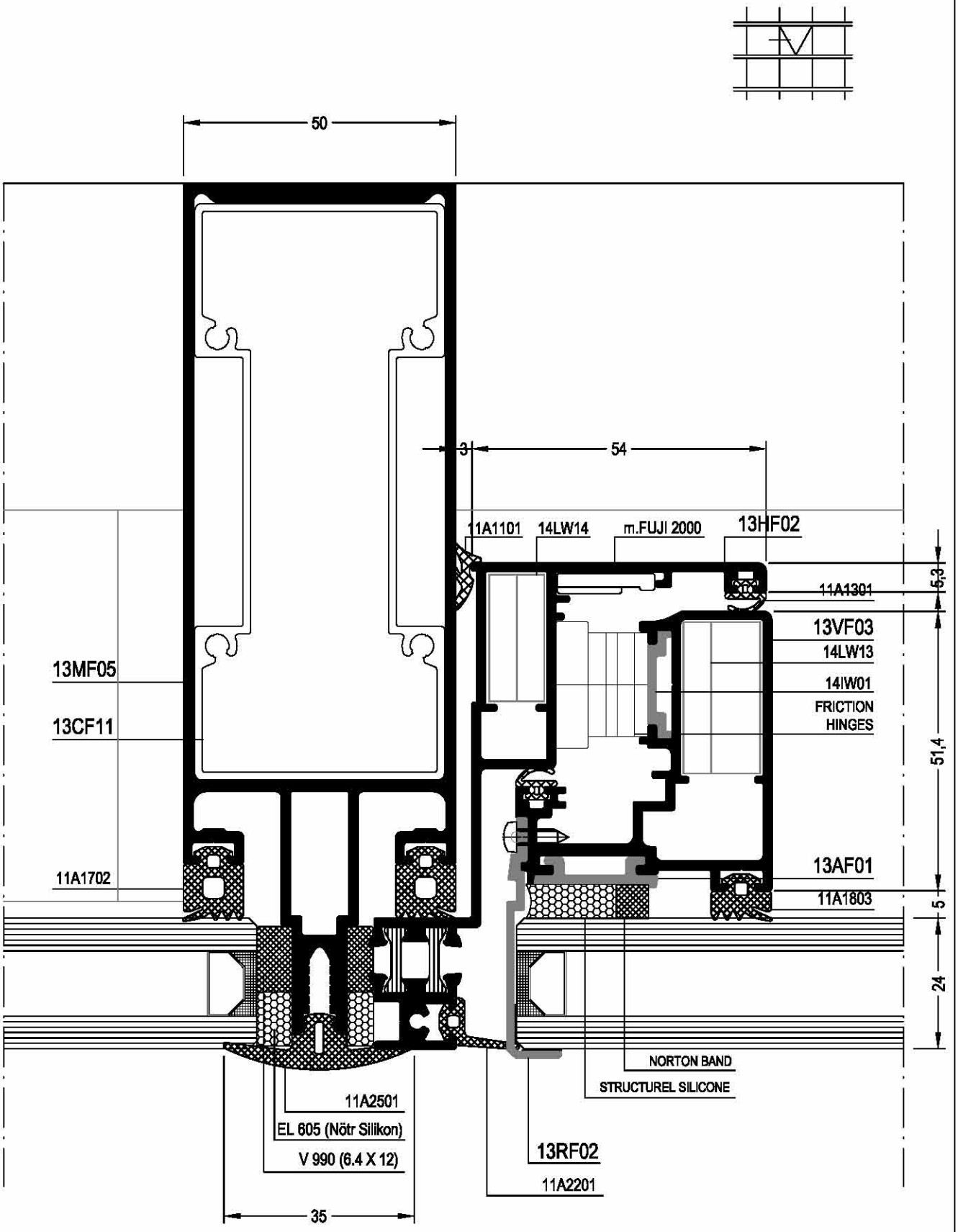

11A2401
11A1802
13CF05
13CF06
13TF03
17A1303
13PF02
13PF08
A2 - 4.8 x 25
11A2301
50,3
50
10,7
3
24
3
62

FACADE




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

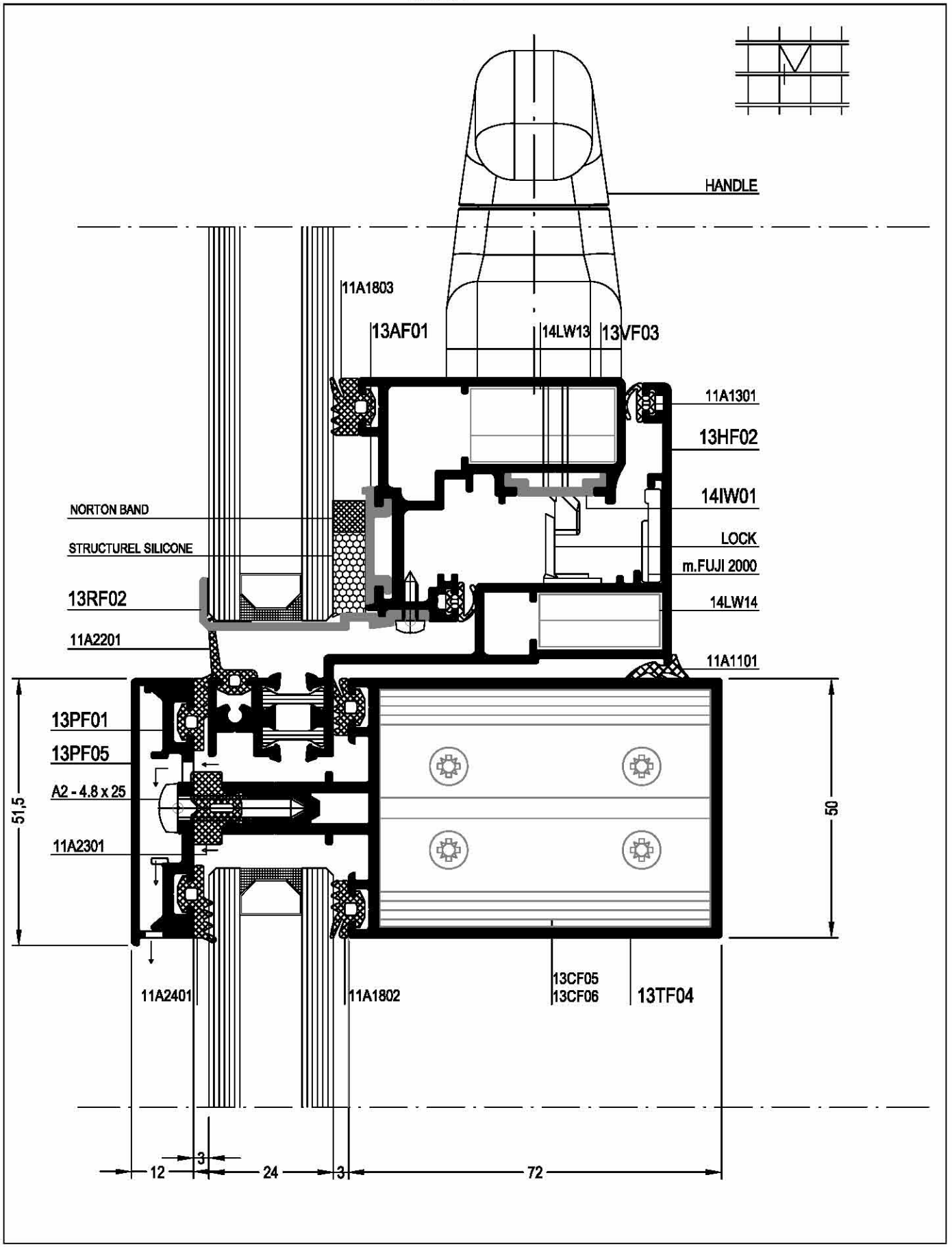
VERTICAL LINING



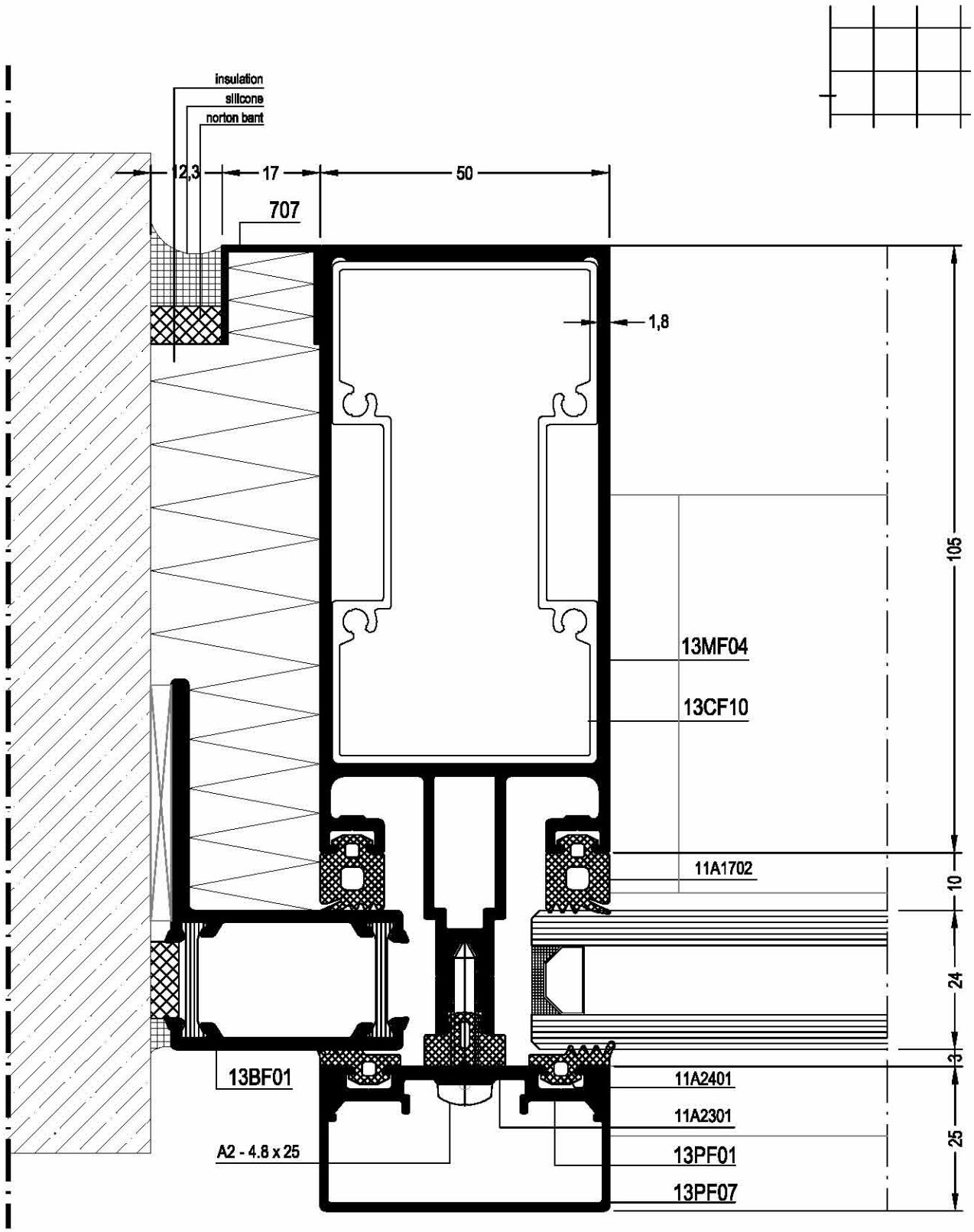
SYSTEM LEGEND 13'50 F

DETAILS

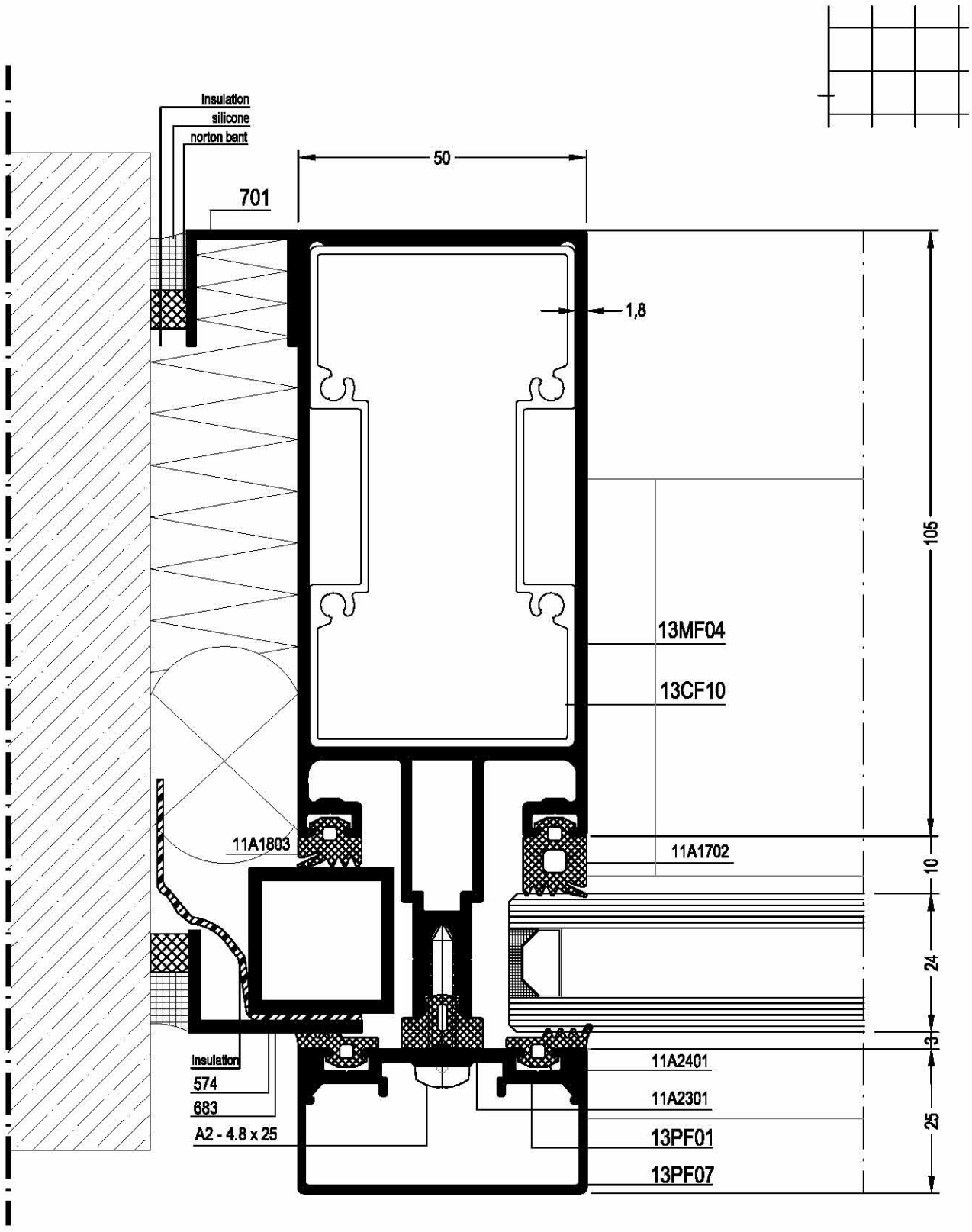
FACADE



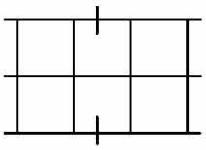
FACADE

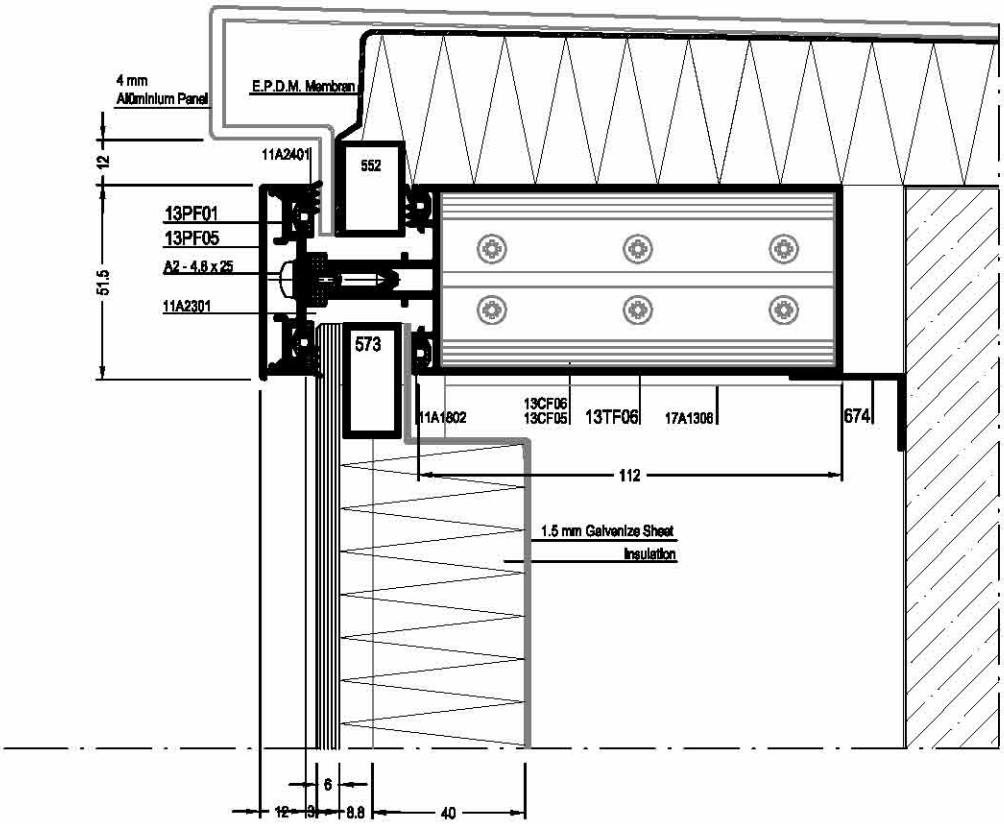

insulation
silicone
norton bant
12,3
17
50
707
1,8
105
13MF04
13CF10
11A1702
10
24
3
25
13BF01
A2 - 4.8 x 25
11A2401
11A2301
13PF01
13PF07

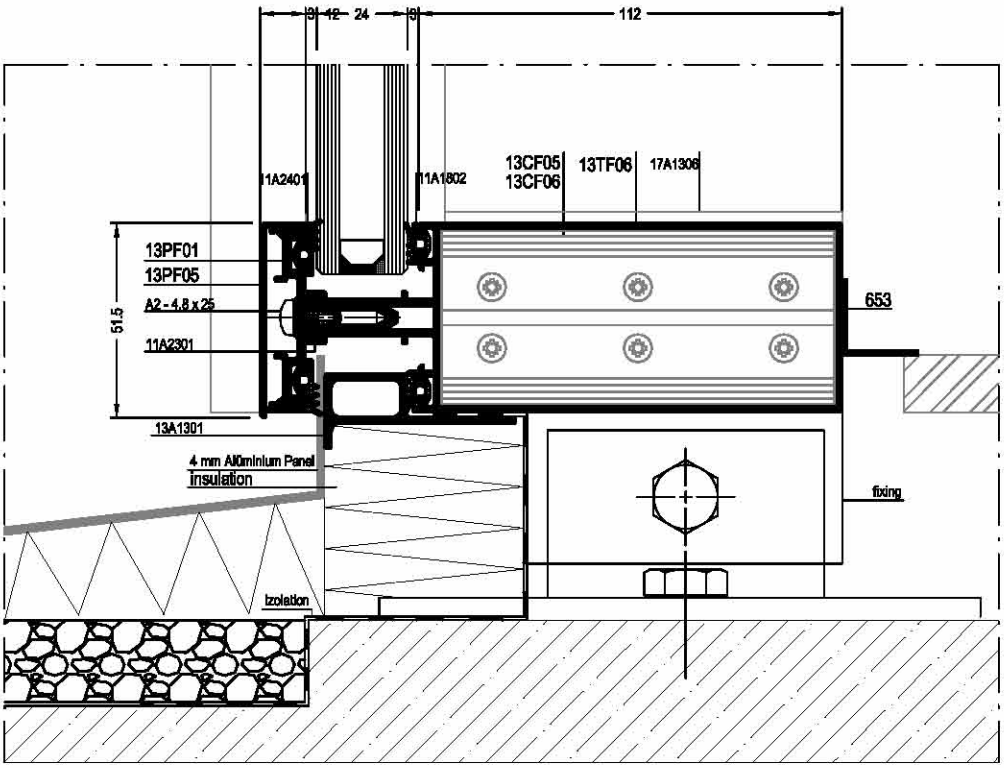
FACADE


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



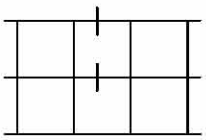

4 mm
Aluminium Panel
E.P.D.M. Membran
11A2401
552
12
51.5
13PF01
13PF05
A2 - 4.8 x 25
11A2301
573
11A1802
13CF06
13CF05
13TF06
17A1306
674
112
1.5 mm Galvanize Sheet
Insulation
6
12
3
8.8
40

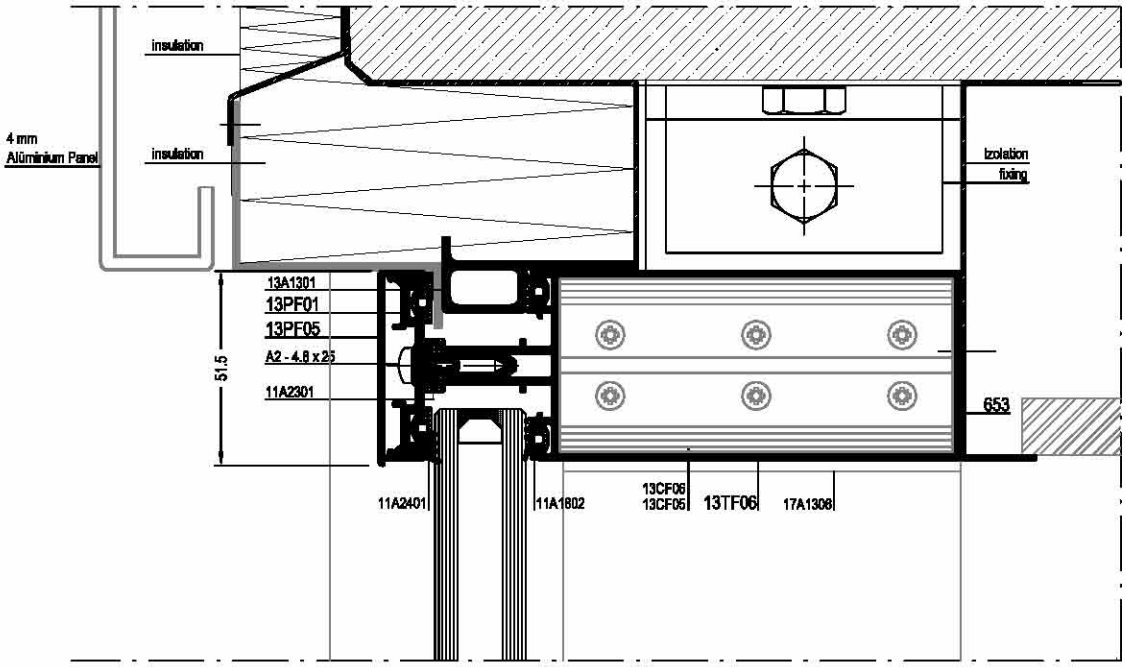

3
12
24
3
112
11A2401
11A1802
13CF05
13CF06
13TF06
17A1306
13PF01
13PF05
A2 - 4.8 x 25
11A2301
51.5
653
13A1301
4 mm Aluminium Panel
Insulation
fixing
Izolation

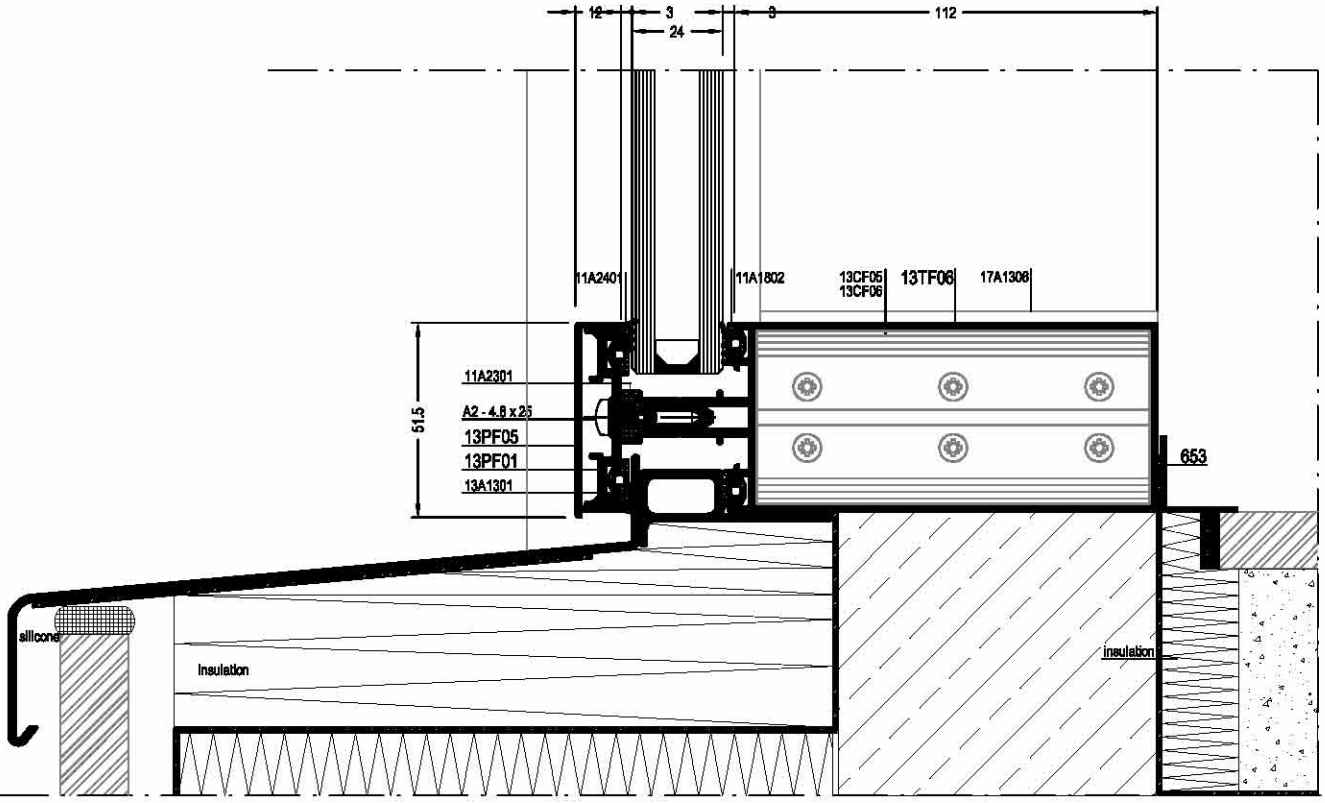
SYSTEM LEGEND 13'50 F

DETAILS

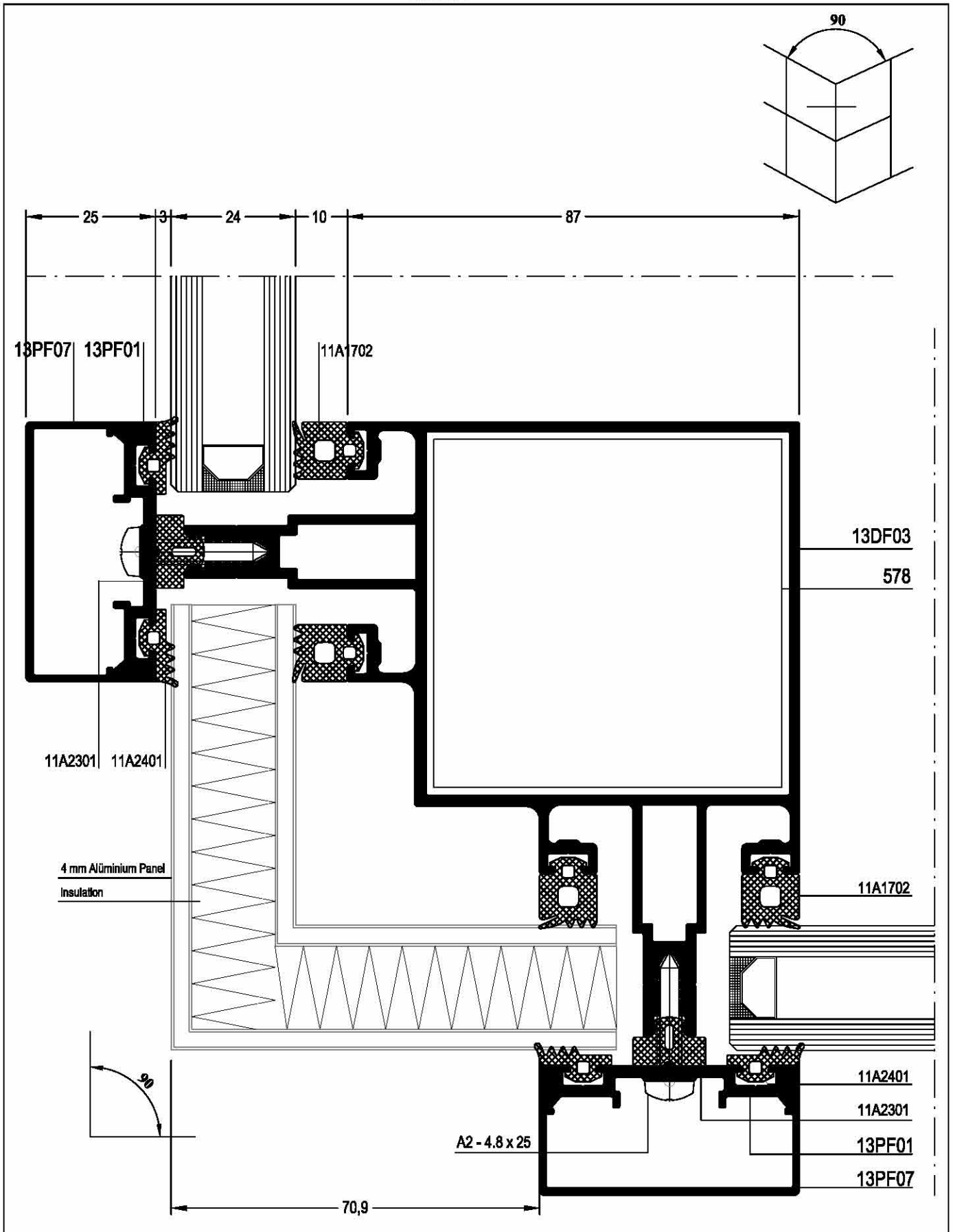
FACADE



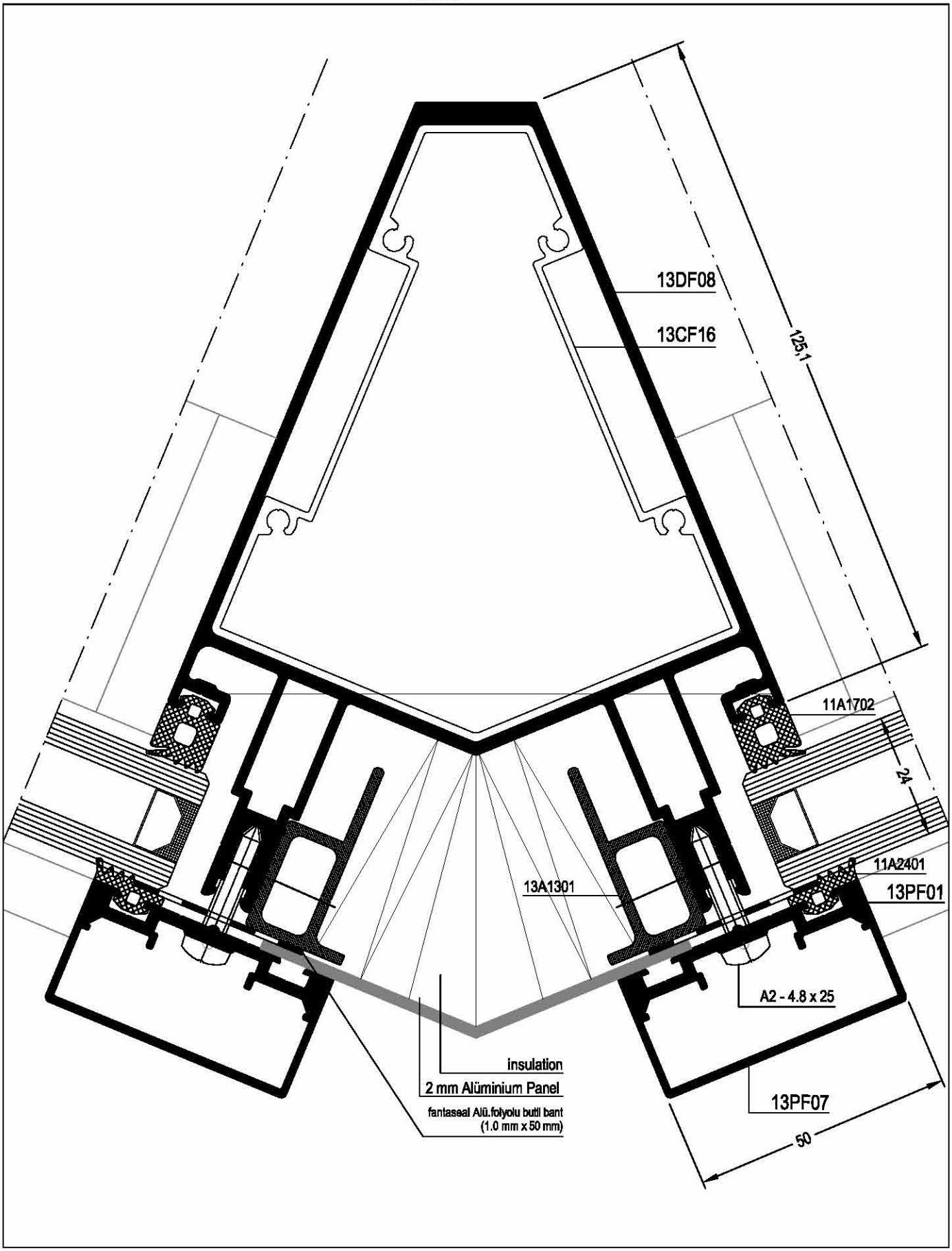




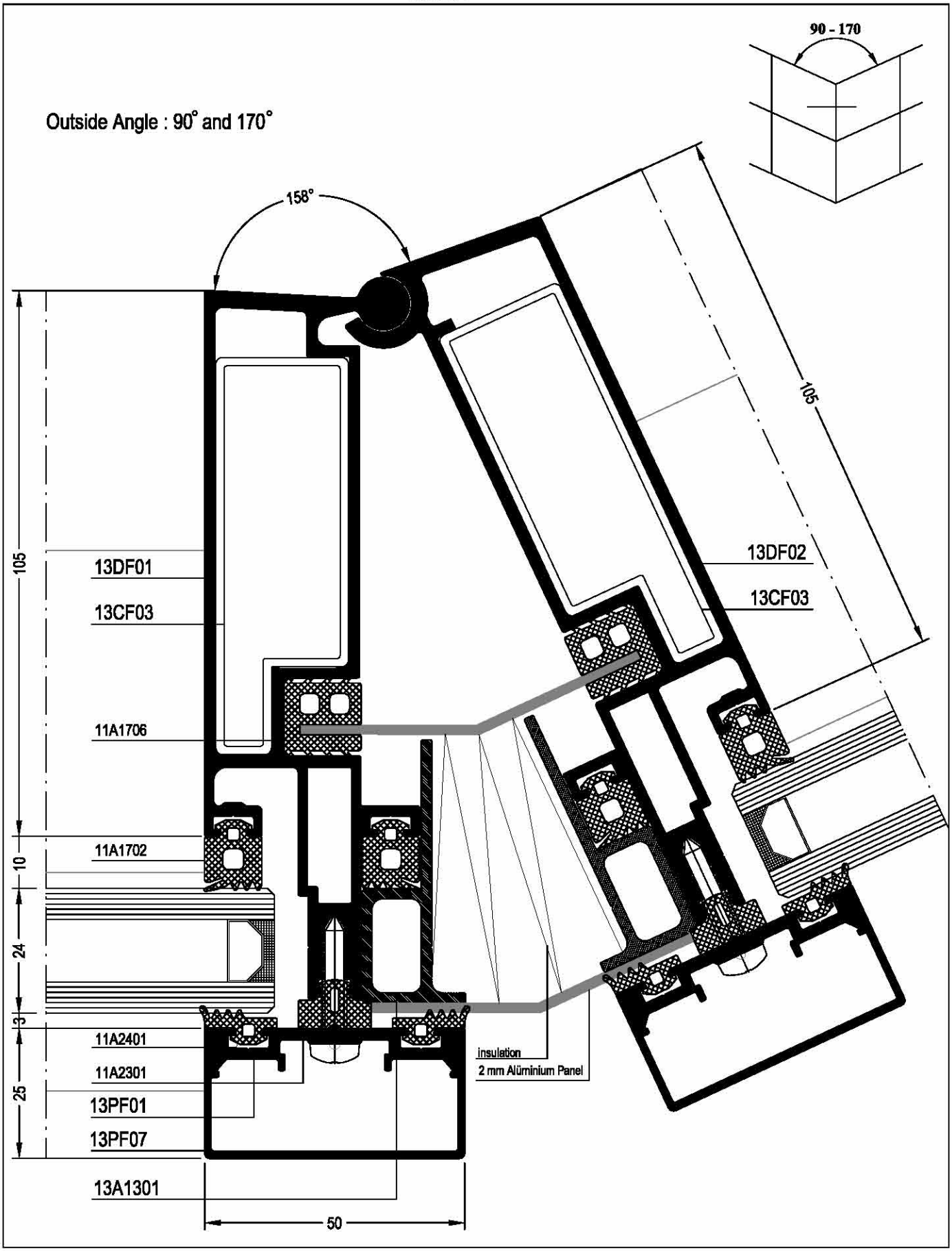
FACADE


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

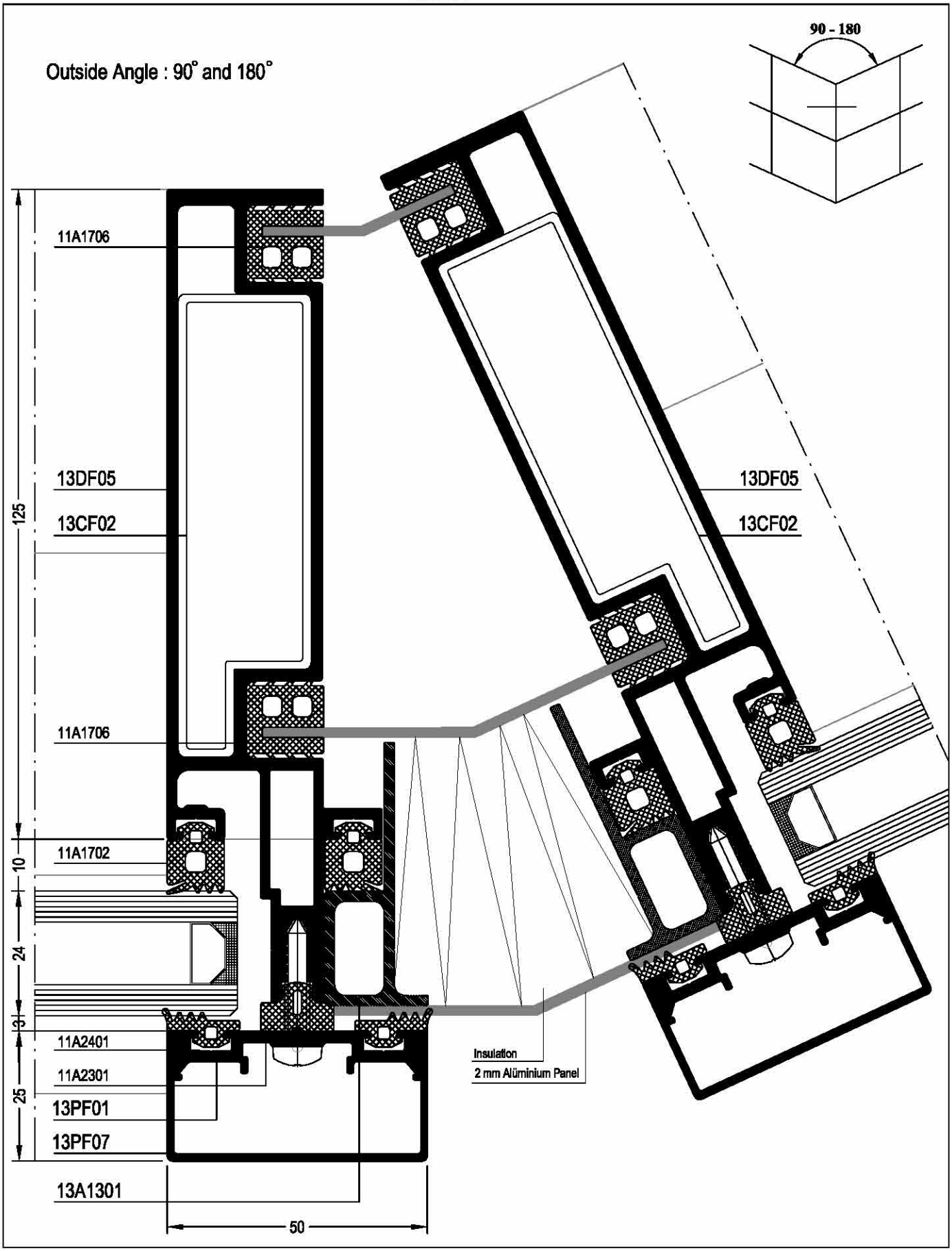
FACADE


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

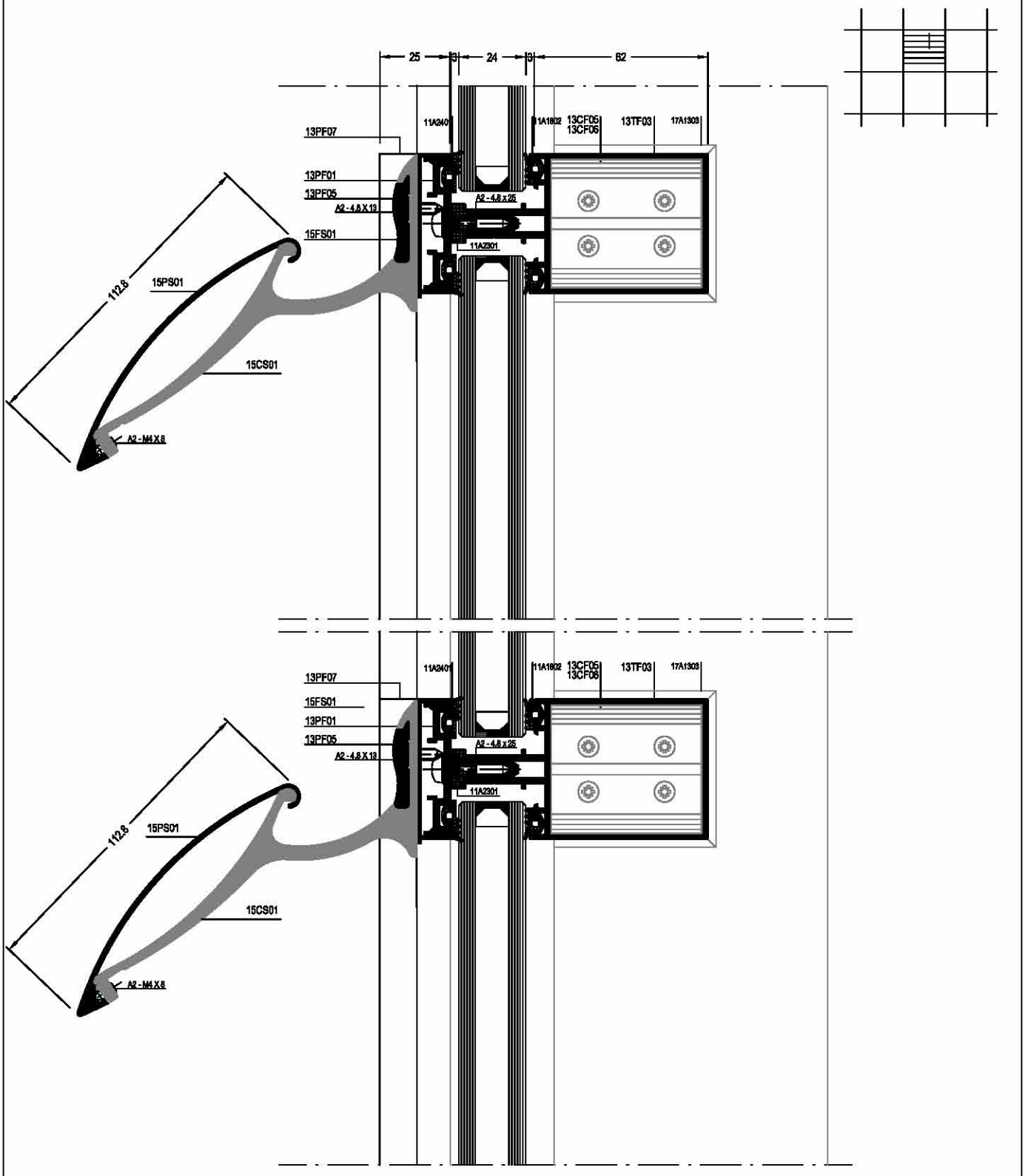
FACADE


90 - 170
Outside Angle : 90° and 170°
158°
105
13DF01
13CF03
13DF02
13CF03
11A1706
11A1702
11A2401
11A2301
13PF01
13PF07
13A1301
insulation
2 mm Alüminium Panel
105
10
24
3
25
50

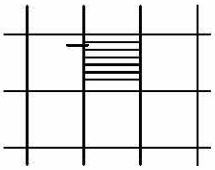
FACADE

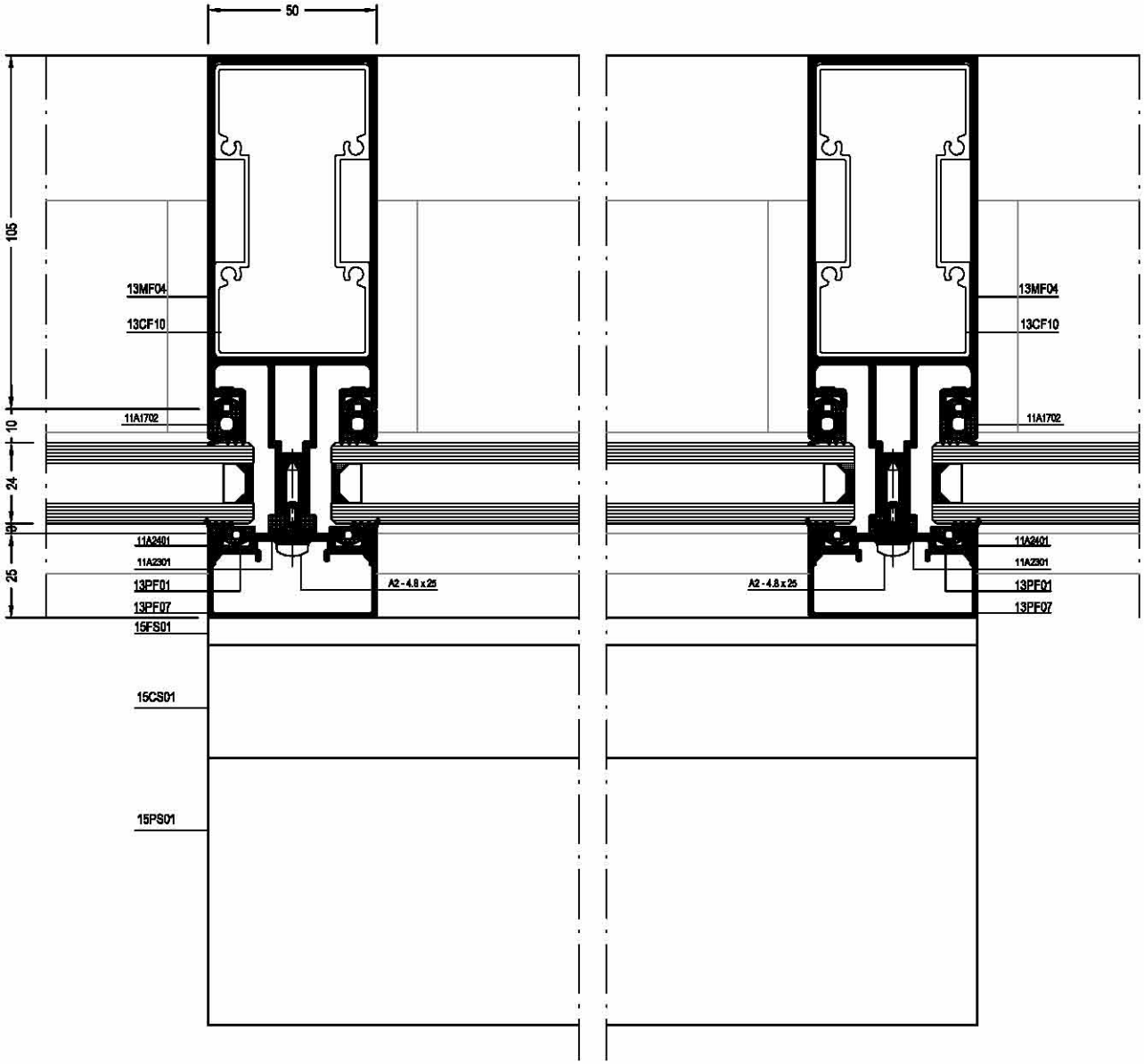

Outside Angle : 90° and 180°
90 - 180
11A1706
13DF05
13CF02
11A1706
11A1702
11A2401
11A2301
13PF01
13PF07
13A1301
13DF05
13CF02
Insulation
2 mm Alüminium Panel
125
10
24
3
25
50

SOLAR SHADING

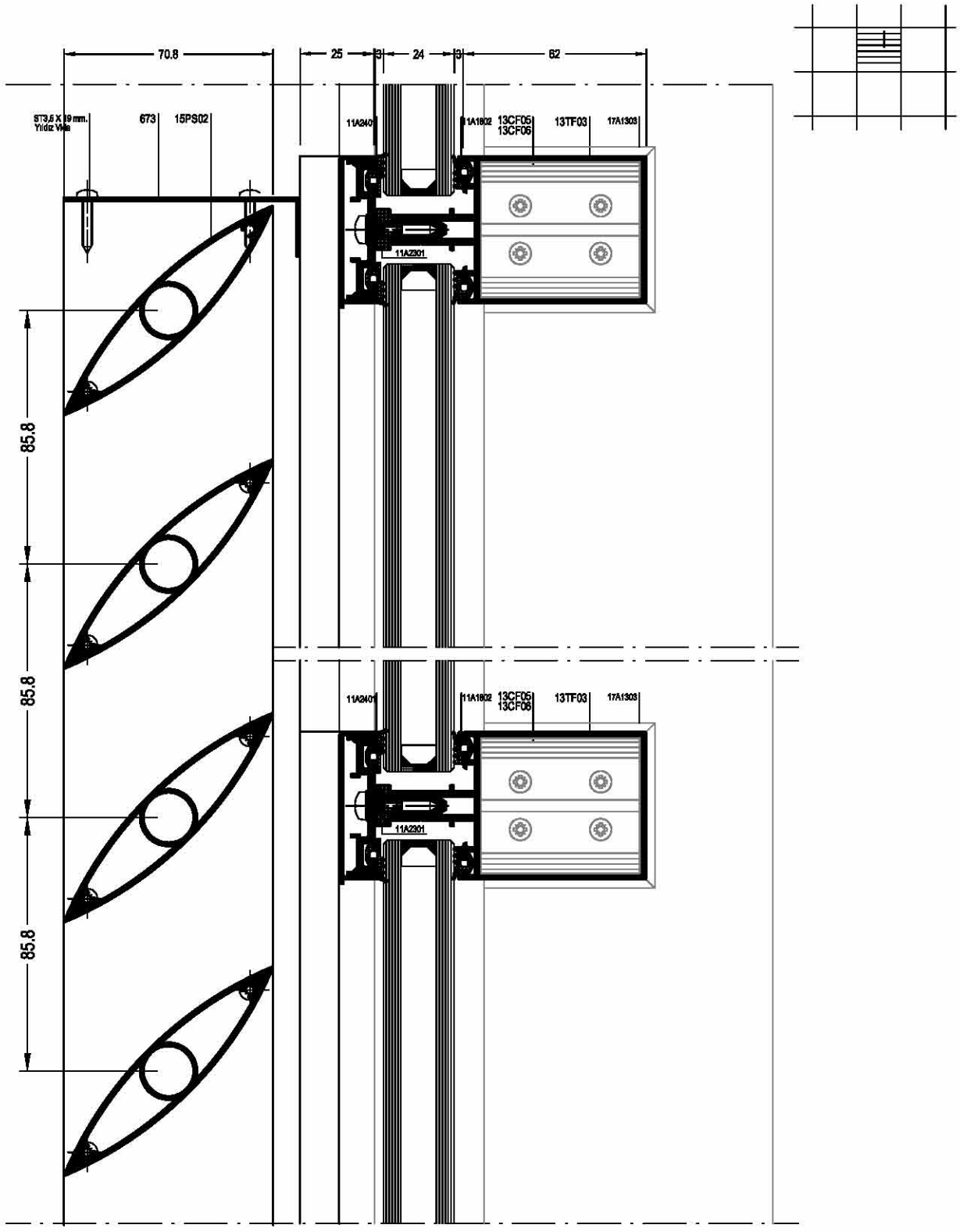


SOLAR SHADING

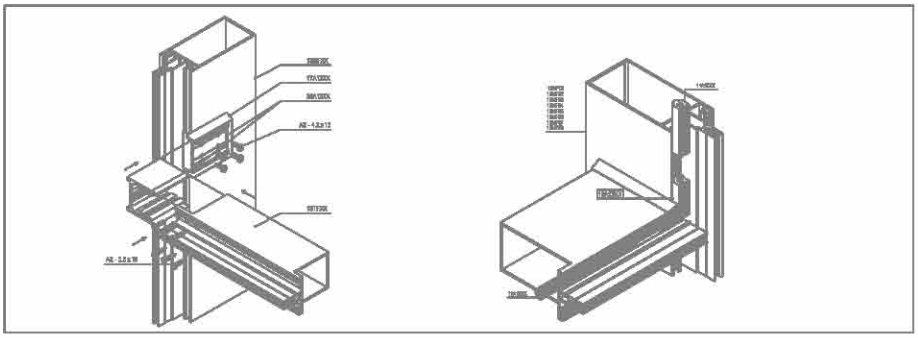




SOLAR SHADING



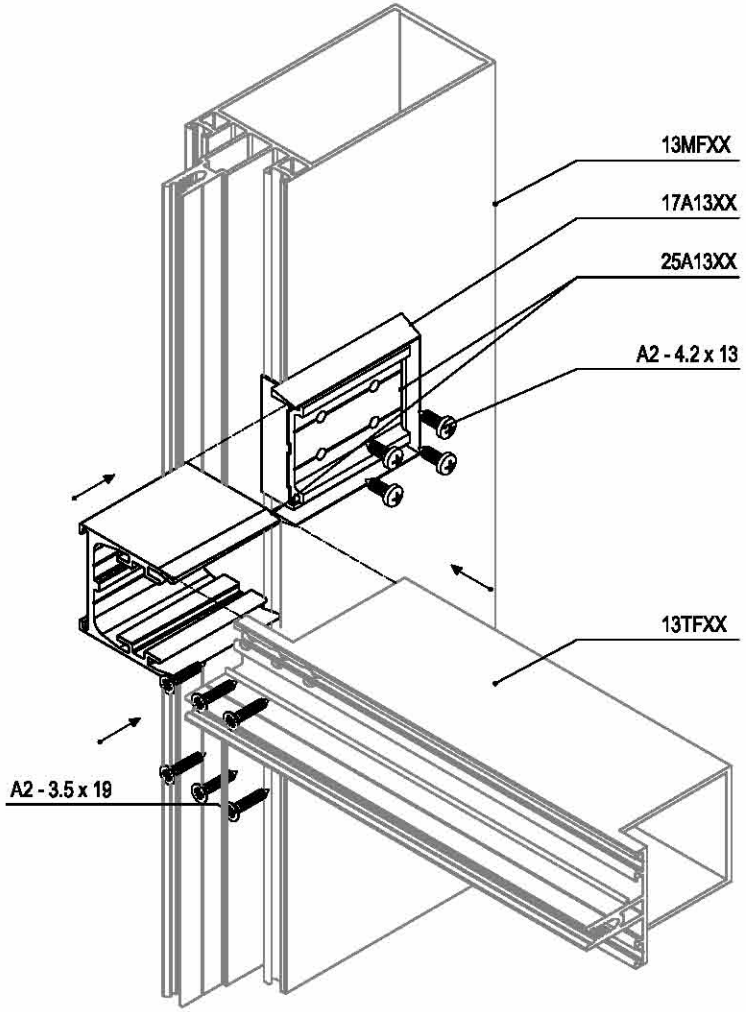
f - ASSEMBLY DRAWINGS

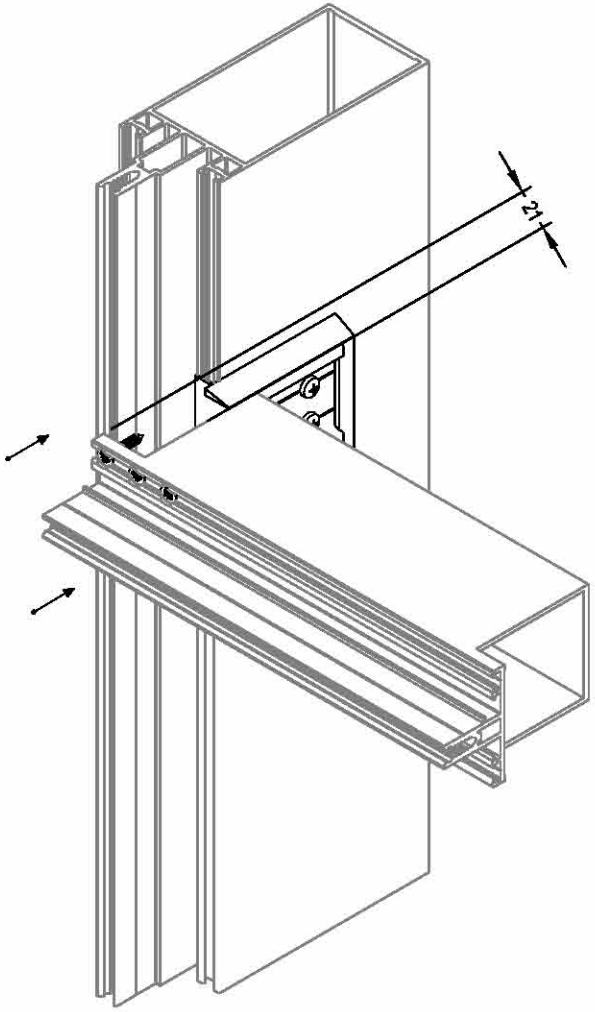


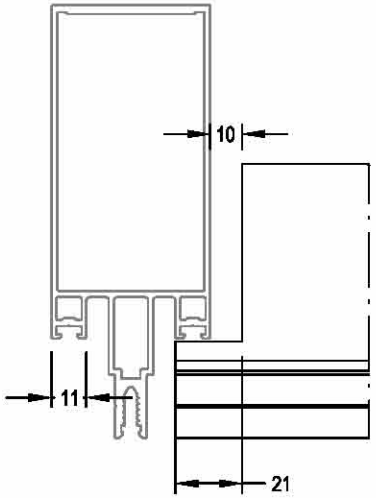
SYSTEM LEGEND 13'50 F

ASSEMBLY DRAWINGS

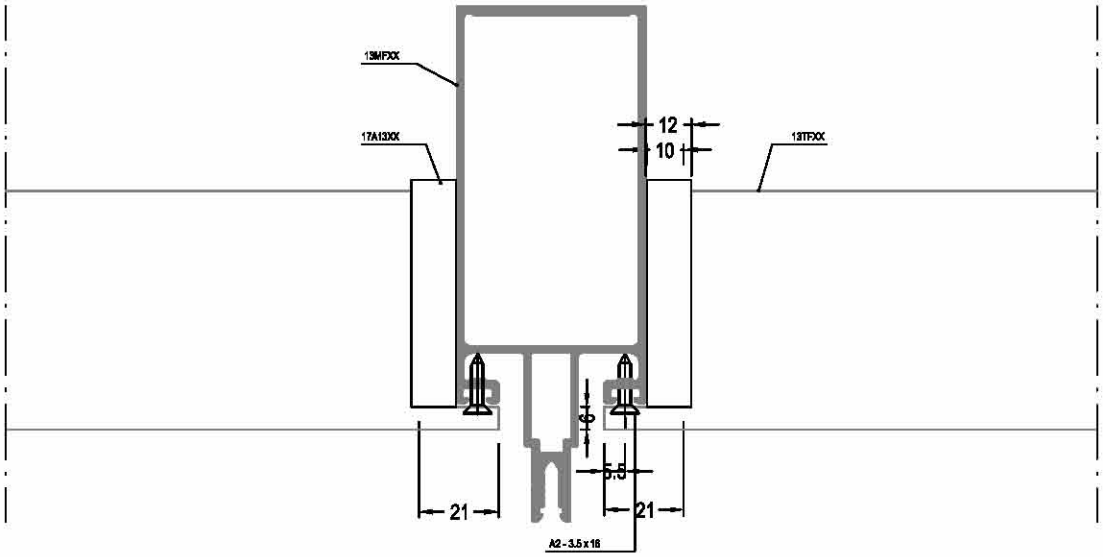
HORIZONTAL & VERTICAL CONNECTION WITH P.V.C. and COVER CAP

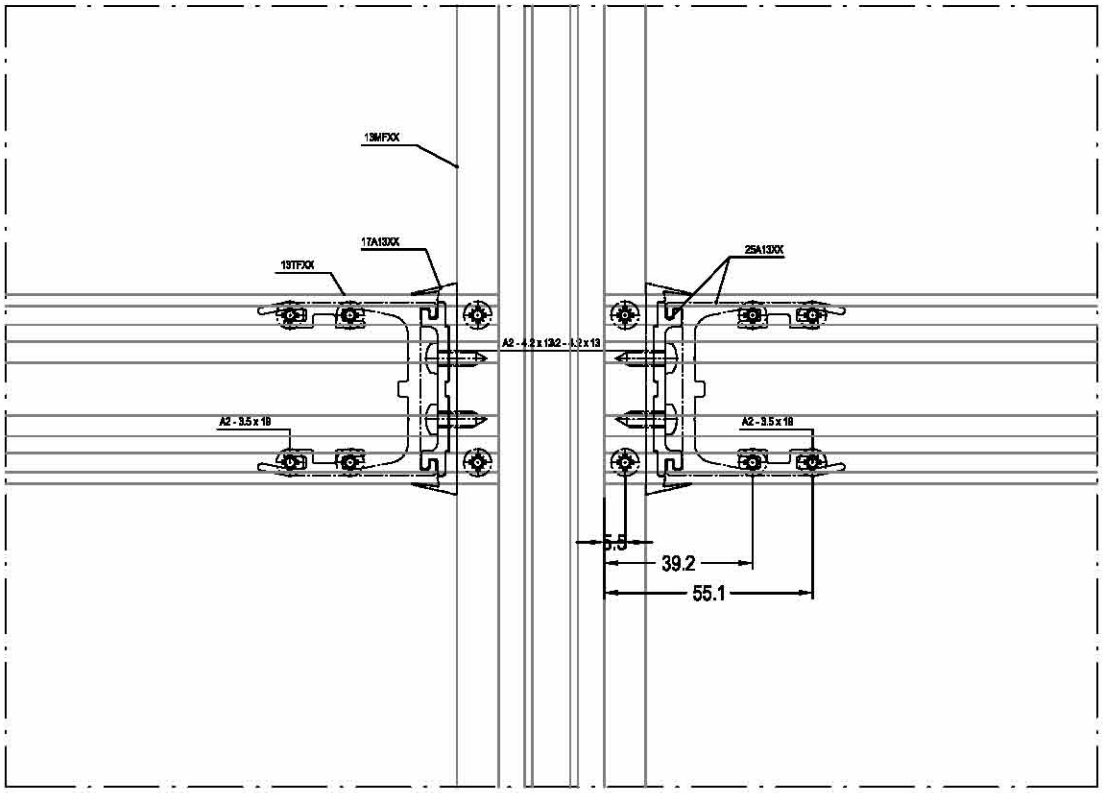




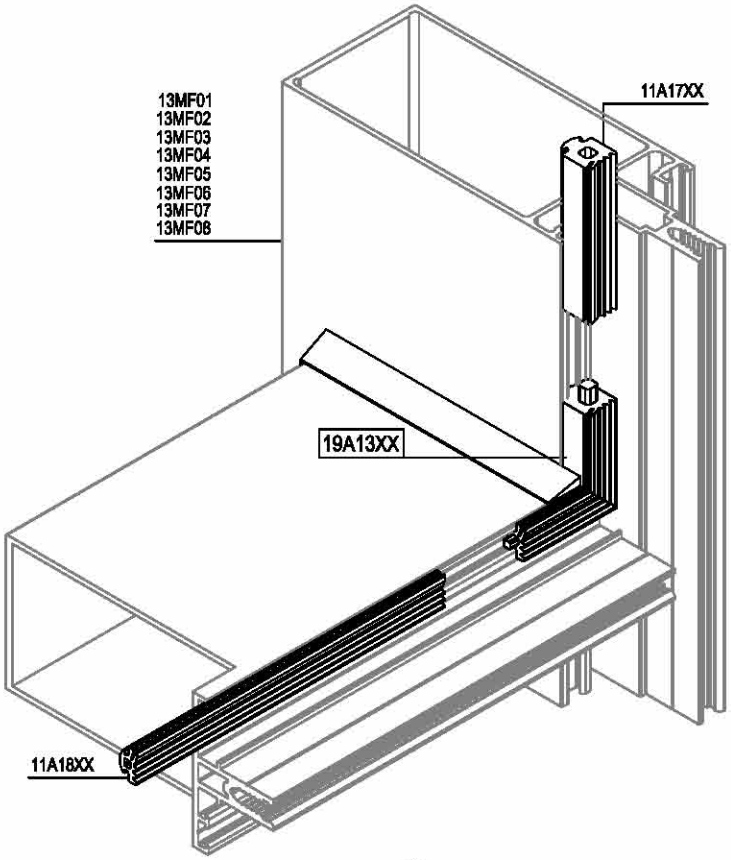


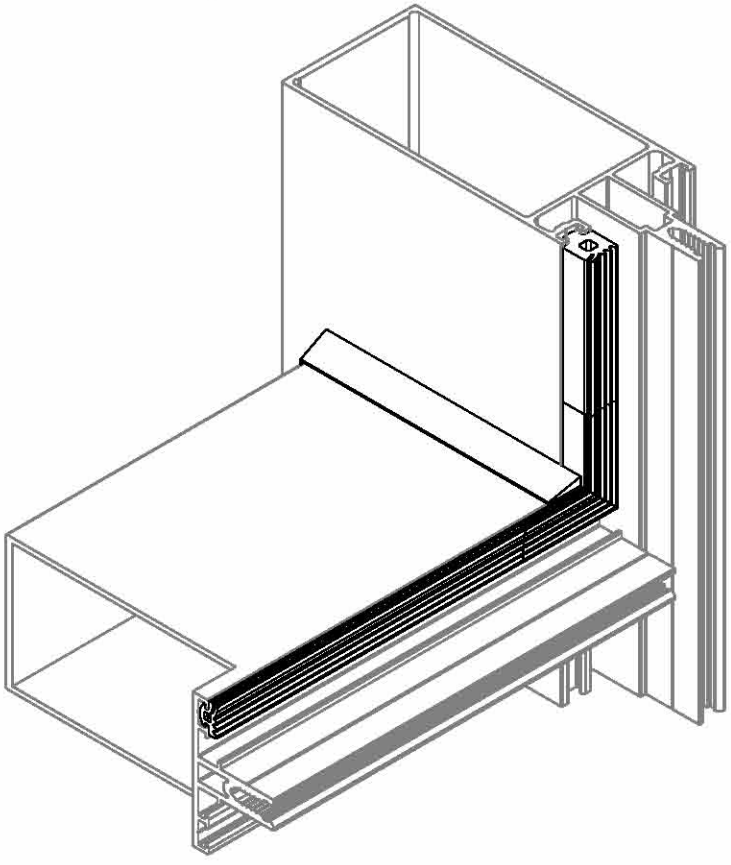
HORIZONTAL & VERTICAL CONNECTION WITH P.V.C. and COVER CAP





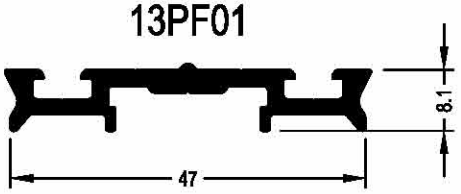
SUPPORTS FOR FIXED PART



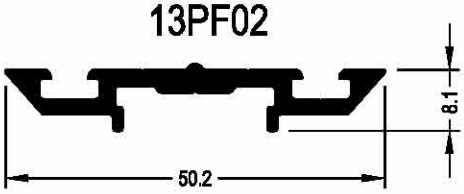


PRESSURE PLATES

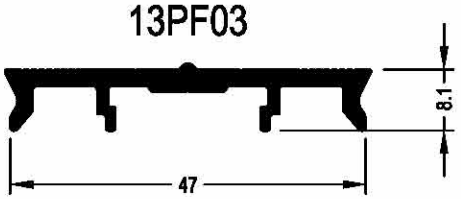
13PF01



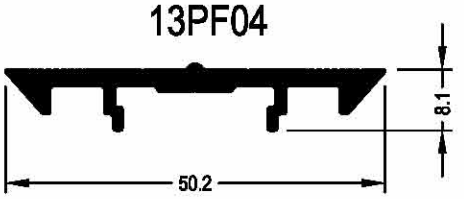
13PF02

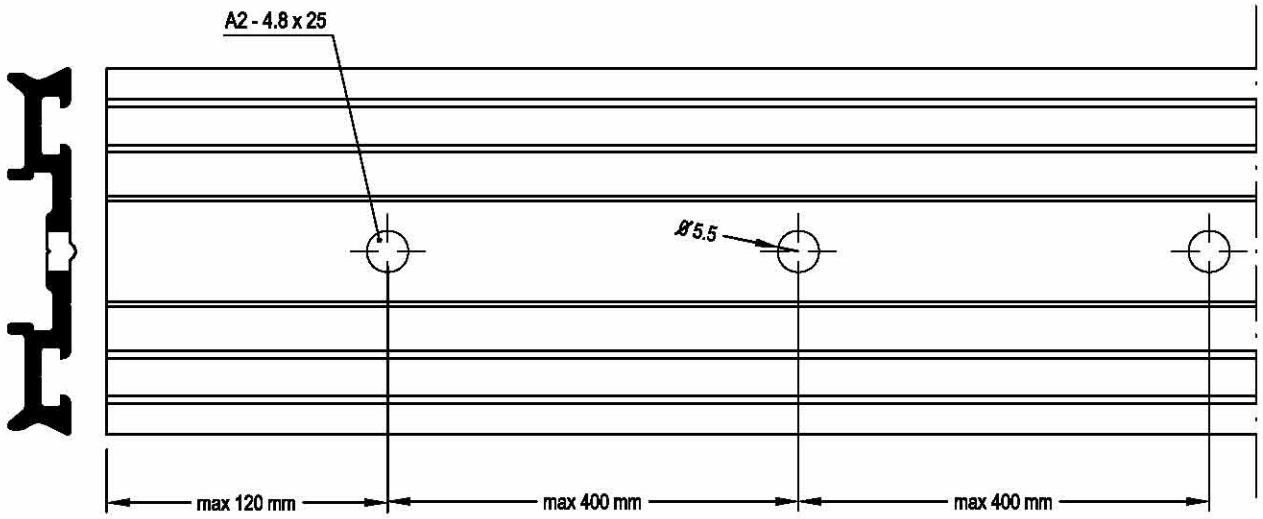


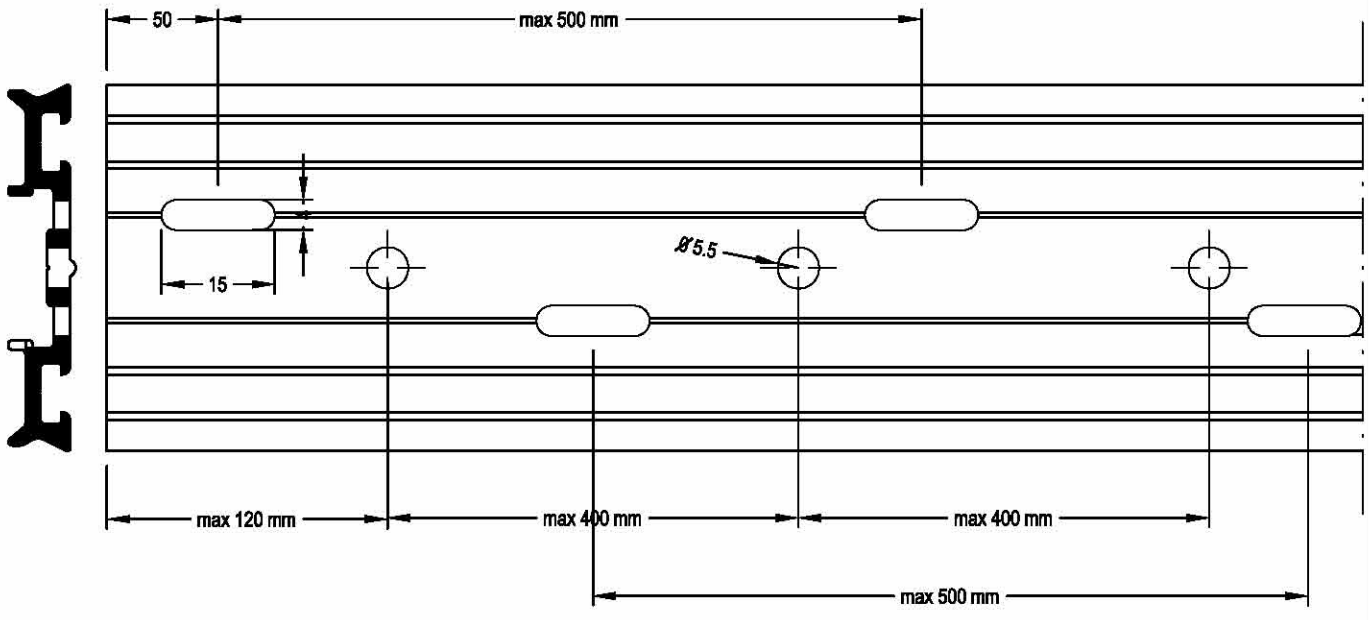
13PF03



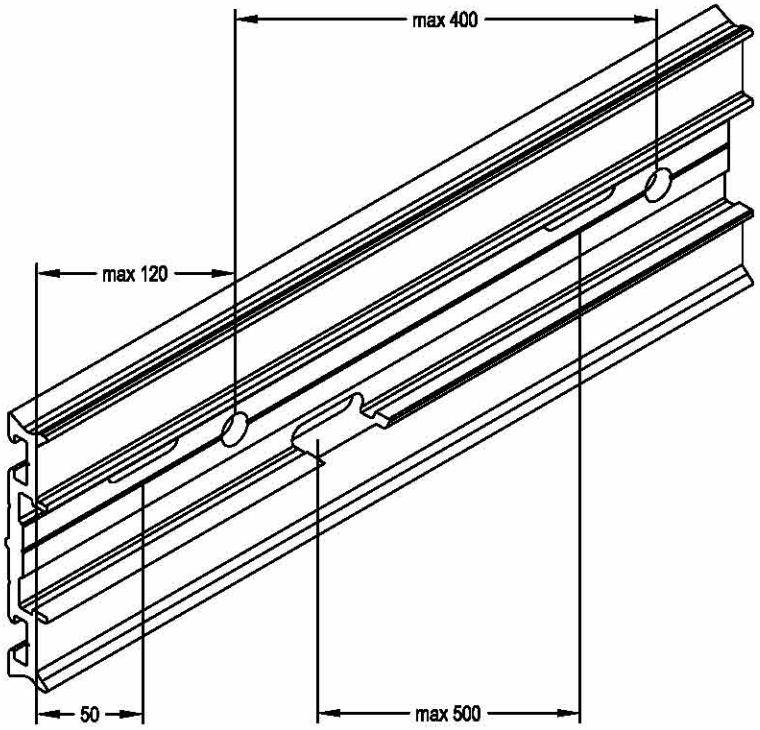
13PF04

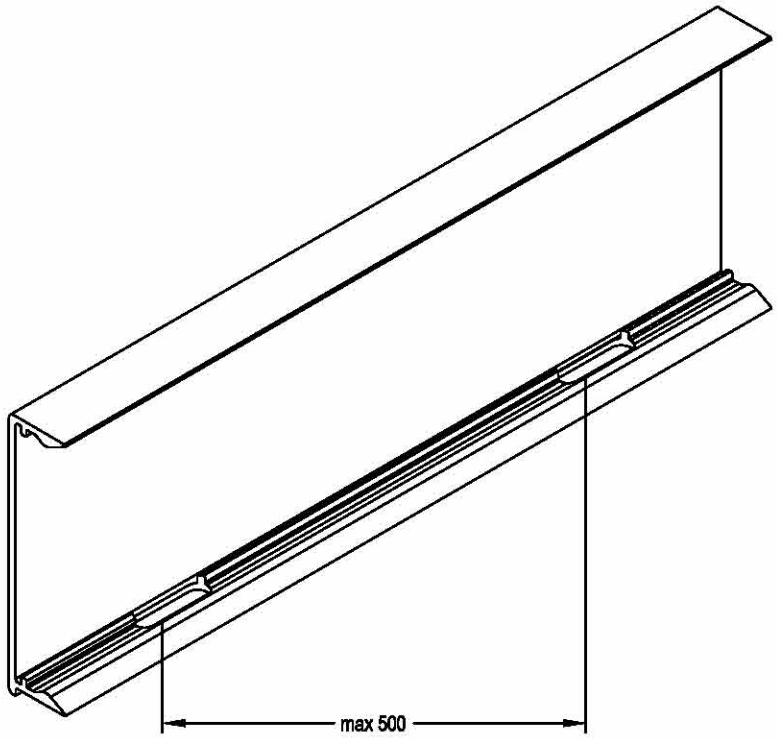




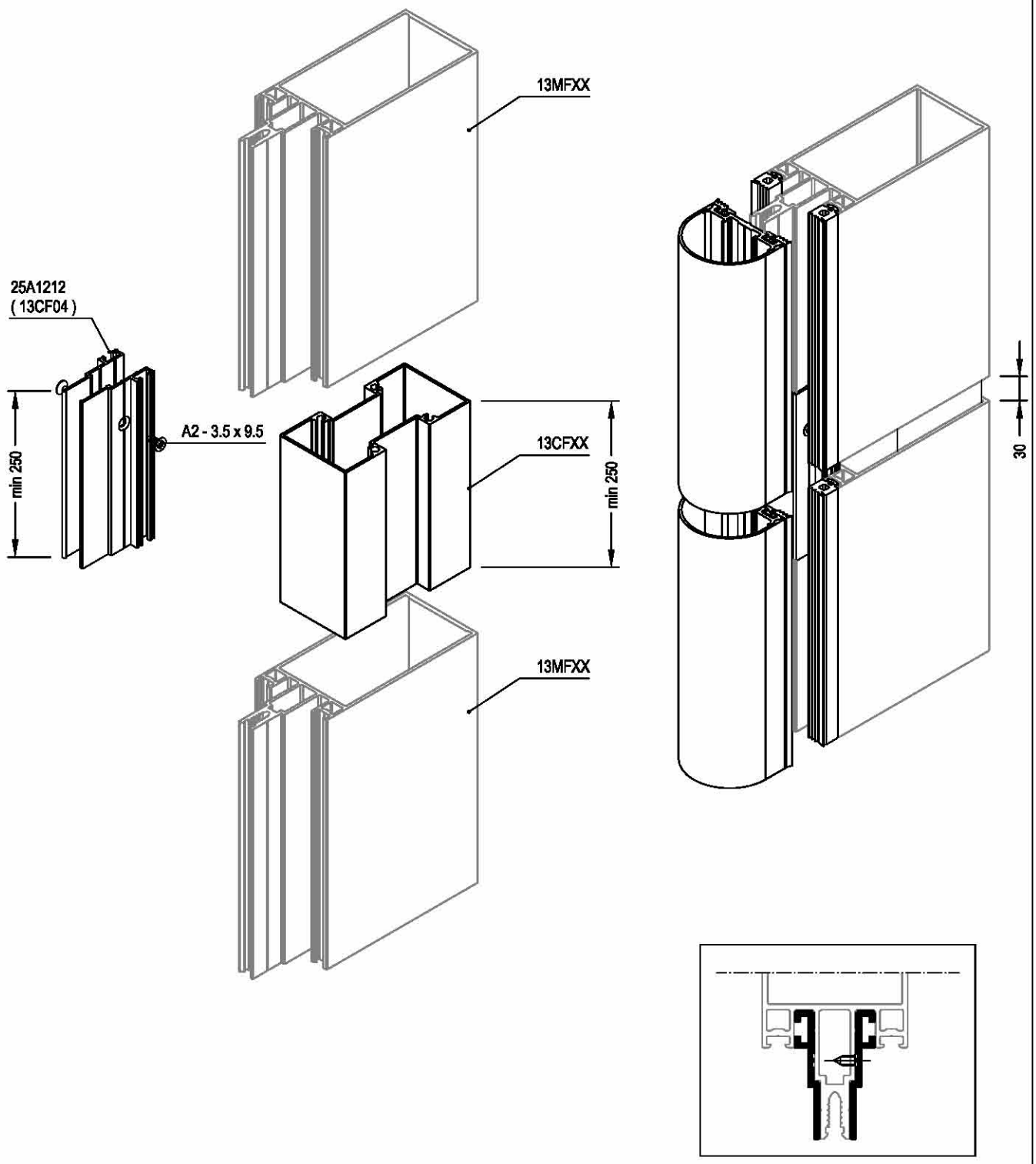


PRESSURE PLATES

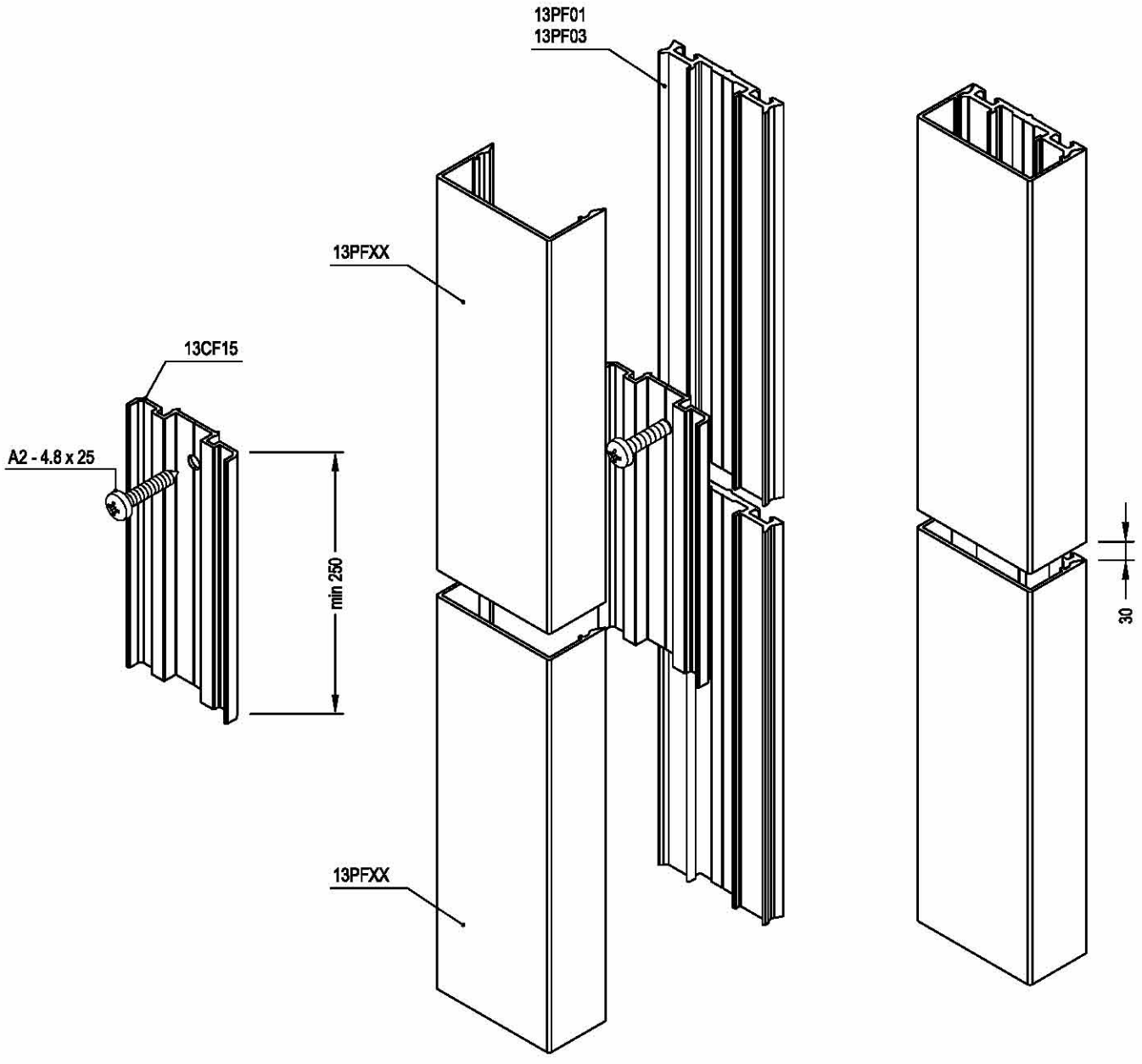


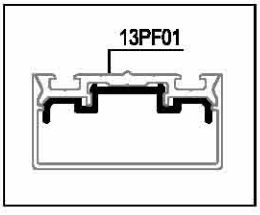


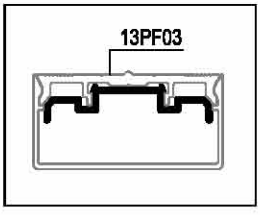
DILATATION WITH CONNECTION PROFILE



DILATATION WITH CONNECTION PROFILE







BRL
Aluminium System

KURTOGLU
ALÜMINYUM

web : www.kurtogluas.com
E- mail : kurtoglu@superonline.com

factory : Hacı Şeremet Mevkii TEM Otoyolu Çıkışı Velimeşe/ ÇORLU
Tel:(0282) 674 44 85 (6 lines) Fax:(0282) 674 44 89