

**BR<sup>L</sup>**

Aluminium System

**SYSTEM  
CASTLE**

**16'55 W**

**ARCHITECTURAL  
CATALOGUE**

**BR<sup>L</sup>**  
Aluminium System

SYSTEM CASTLE 16'55 W

## b - PROFILE

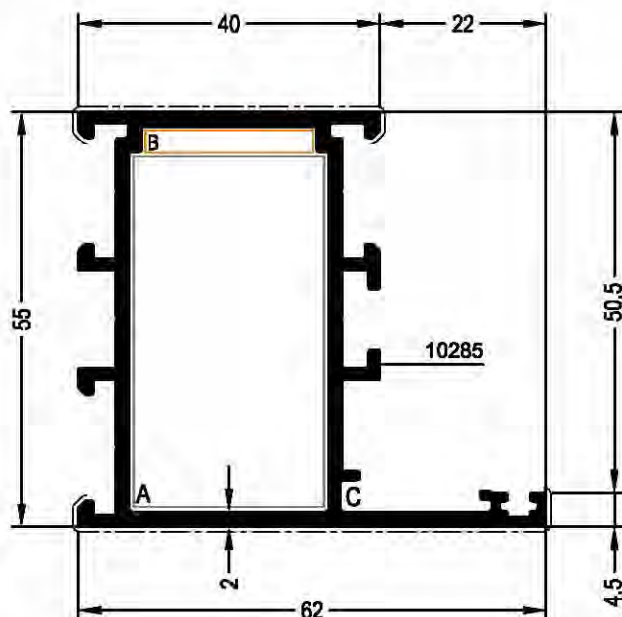
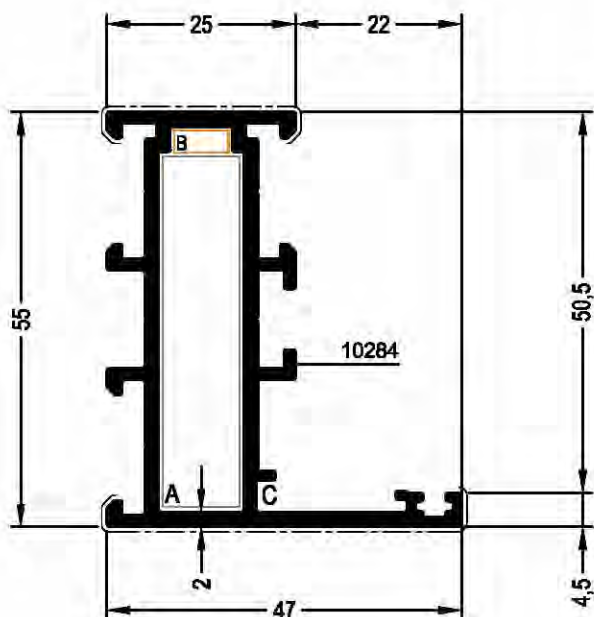
		FRAME PROFILE 25 / 47			
		PROFILE CODE 16FW01		THEORETICAL WEIGHT light 1.078	
ix (cm)	iy (cm)	Casting Surface (cm)		Covering Surface (cm)	
—	—	—		Inside	Outside
CORNER CLEATS		A	B	C	D
PRESS CORNER		—	—	—	—
DE-CAST CORNER JOINT		—	—	M.8xJ 2000	—
STEEL CORNER JOINT		—	—	—	—




\* The weights are theoretical of pressed profiles.

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

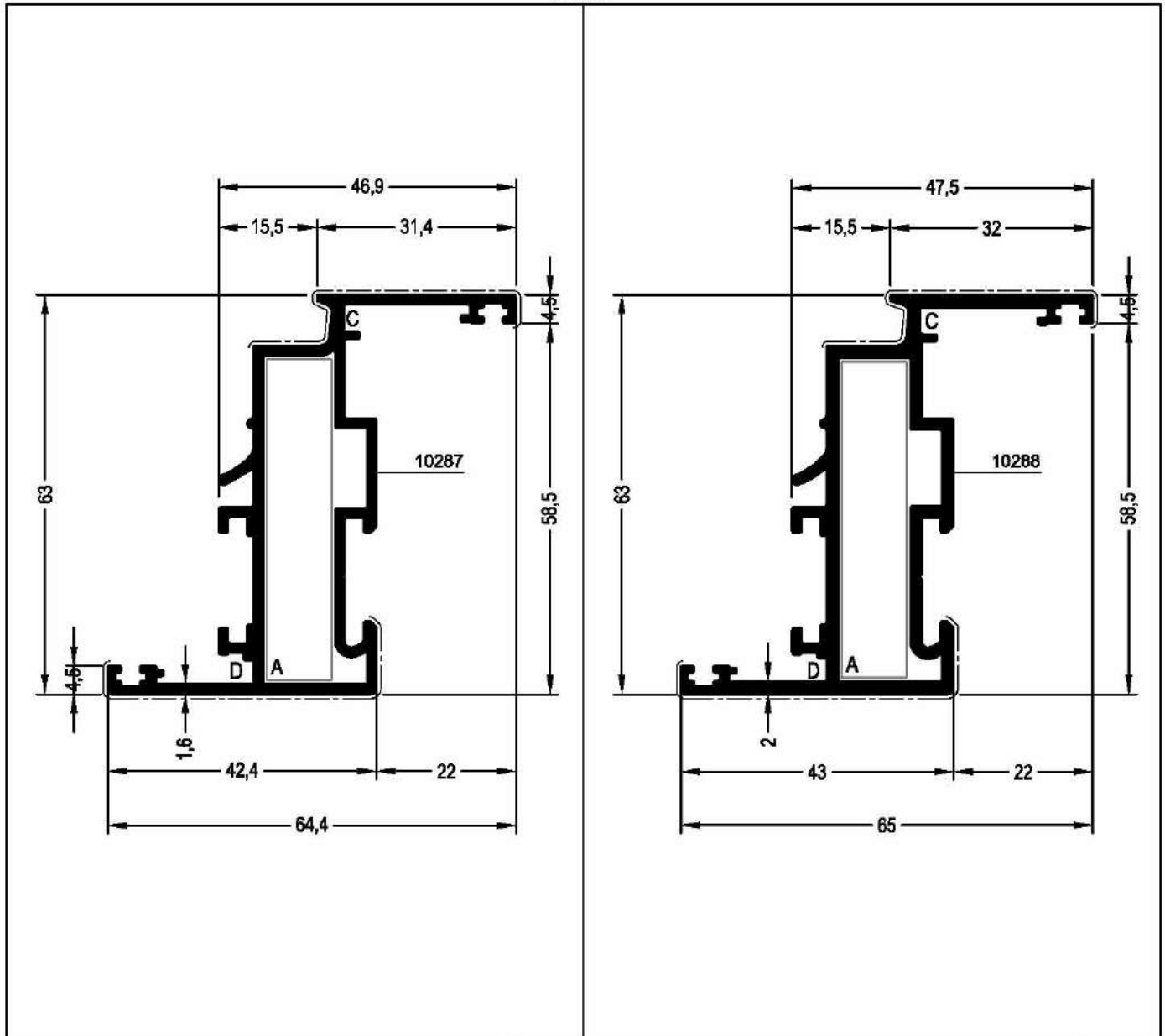
\* Unless otherwise indicated , all dimensions in this catalogue are  $\pm 0.1$  mm and weights may vary by % 4 .



FRAMES



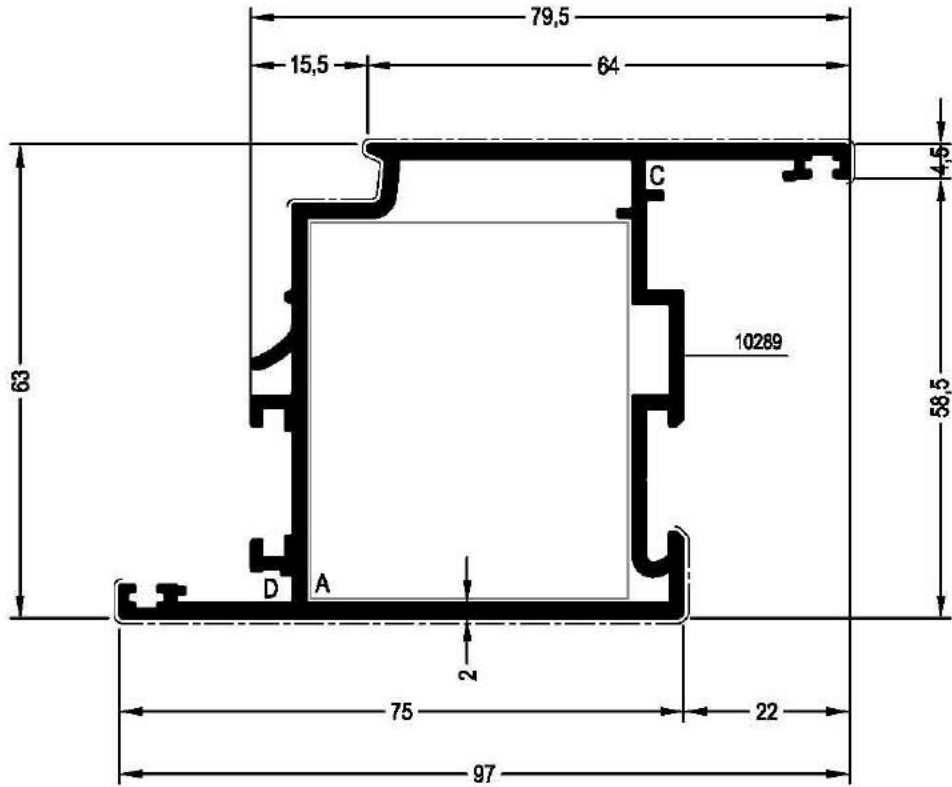
FRAME PROFILE 25 / 47					FRAME PROFILE 40 / 62												
PROFILE CODE		16FW01			THEORETICAL WEIGHT kg/mt		1.062		PROFILE CODE		16FW02			THEORETICAL WEIGHT kg/mt		1.224	
J <sub>xx</sub> (cm <sup>4</sup> )	J <sub>yy</sub> (cm <sup>4</sup> )	Coating Surface (cm)		Covering Surface (cm)		J <sub>xx</sub> (cm <sup>4</sup> )	J <sub>yy</sub> (cm <sup>4</sup> )	Coating Surface (cm)		Covering Surface (cm)		J <sub>xx</sub> (cm <sup>4</sup> )	J <sub>yy</sub> (cm <sup>4</sup> )	Coating Surface (cm)		Covering Surface (cm)	
		10284		Inside	Outside			10285		Inside	Outside			10285		Inside	Outside
15.552	4.051	31.762		3.465	5.722	20.760	10.704	34.762		4.965	7.222	20.760	10.704	34.762		4.965	7.222
CORNER CLEATS		A	B	C	D	CORNER CLEATS		A	B	C	D	CORNER CLEATS		A	B	C	D
PRESS CORNER		14LW14	—	—	—	PRESS CORNER		14LW32	—	—	—	PRESS CORNER		14LW32	—	—	—
DIE-CAST CORNER JOINT		—	—	M.fuji 2000	—	DIE-CAST CORNER JOINT		—	—	M.fuji 2000	—	DIE-CAST CORNER JOINT		—	—	M.fuji 2000	—
P.V.C. CORNER JOINT		—	P.V.C.	—	—	P.V.C. CORNER JOINT		—	P.V.C.	—	—	P.V.C. CORNER JOINT		—	P.V.C.	—	—

VENTS



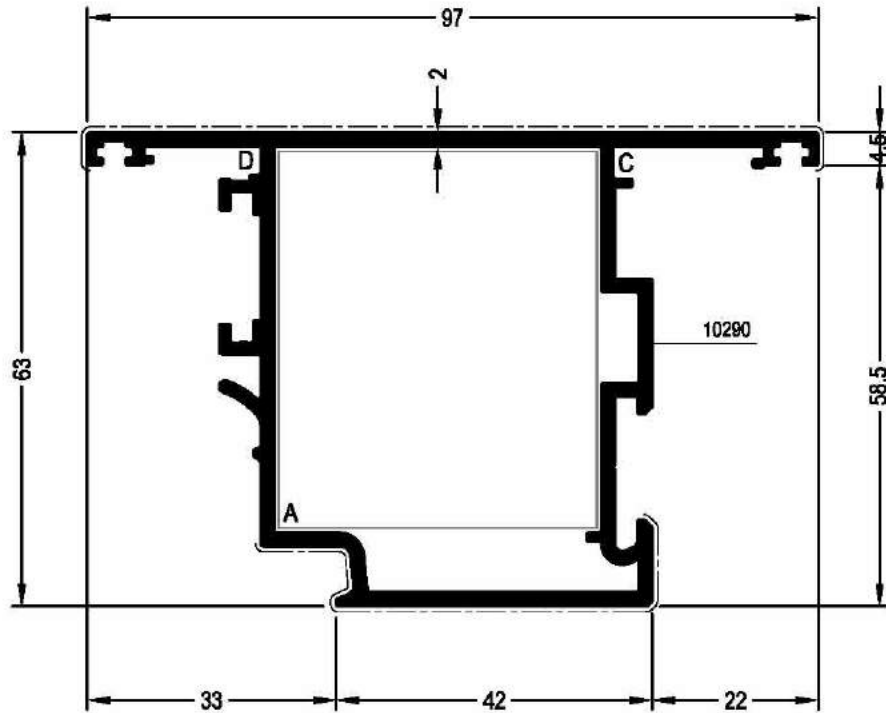
VENT PROFILE 42.4					VENT PROFILE 43						
PROFILE CODE		16VW01			THEORETICAL WEIGHT kg/mt		1.111				
Jxx (cm <sup>4</sup> )	Jyy (cm <sup>4</sup> )	Coating Surface (cm)		Covering Surface (cm)		Jxx (cm <sup>4</sup> )	Jyy (cm <sup>4</sup> )	Coating Surface (cm)		Covering Surface (cm)	
23.377	4.213	10287		Inside	Outside	26.646	4.883	10288		Inside	Outside
		36.546	6.032	5.794	36.617			6.092	5.970		
CORNER CLEATS		A	B	C	D	CORNER CLEATS		A	B	C	D
PRESS CORNER		14LW14	—	—	—	PRESS CORNER		14LW14	—	—	—
DIE-CAST CORNER JOINT		—	—	M.fuji 2000	—	DIE-CAST CORNER JOINT		—	—	M.fuji 2000	—
P.V.C. CORNER JOINT		—	—	—	MO 20	P.V.C. CORNER JOINT		—	—	—	MO 20

VENTS



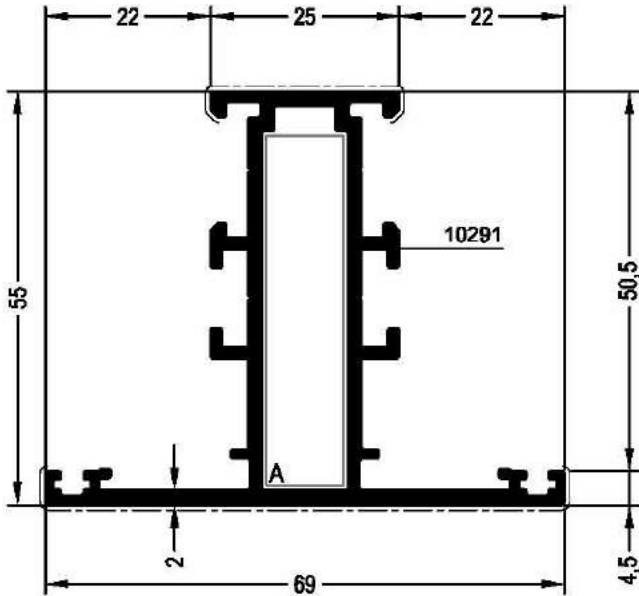
VENT PROFILE 75				
PROFILE CODE		16VW03		THEORETICAL WEIGHT kg/mt
				1.652
J <sub>xx</sub> (cm <sup>4</sup> )	J <sub>yy</sub> (cm <sup>4</sup> )	Coating Surface (cm)		Covering Surface (cm)
		10289		Inside      Outside
50.134	23.320	42.965	9.054	9.292
CORNER CLEATS		A	B	C      D
PRESS CORNER		14LW33	—	—      —
DIE-CAST CORNER JOINT		—	—	M.fuji 2000      —
P.V.C. CORNER JOINT		—	—	—      MO 20

VENTS





VENT PROFILE 42					
PROFILE CODE		16VW04		THEORETICAL WEIGHT kg/mt	
				1.652	
Jxx (cm <sup>4</sup> )	Jyy (cm <sup>4</sup> )	Coating Surface (cm)		Covering Surface (cm)	
		10290		Inside    Outside	
38.994	32.626	42.965	10.779	7.567	
CORNER CLEATS		A	B	C	D
PRESS CORNER		14LW33	—	—	—
DIE-CAST CORNER JOINT		—	—	M.fuji 2000	—
P.V.C. CORNER JOINT		—	—	—	MO 20

MULLION

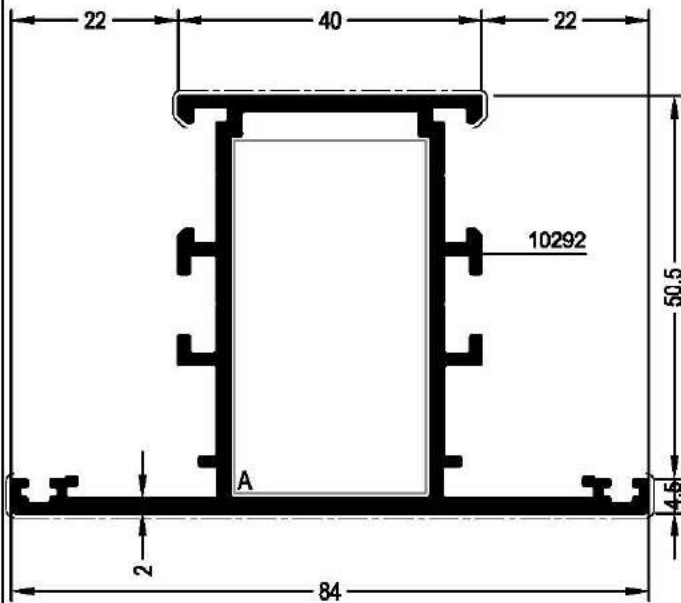


TRANSOM MULLION PROFILE 25 / 69





PROFILE CODE		16MW01		THEORETICAL WEIGHT kg/mt	
				1.215	
Jxx (cm <sup>4</sup> )	Jyy (cm <sup>4</sup> )	Coating Surface (cm)		Covering Surface (cm)	
		10291		Inside	Outside
17.260	8.565	39.557		3.465	7.979
T.JUNCTION		A		C	
		14JW10		—	
CORNER CLEATS		A		C	
		14LW14		M.fuji 2000	

MULLION



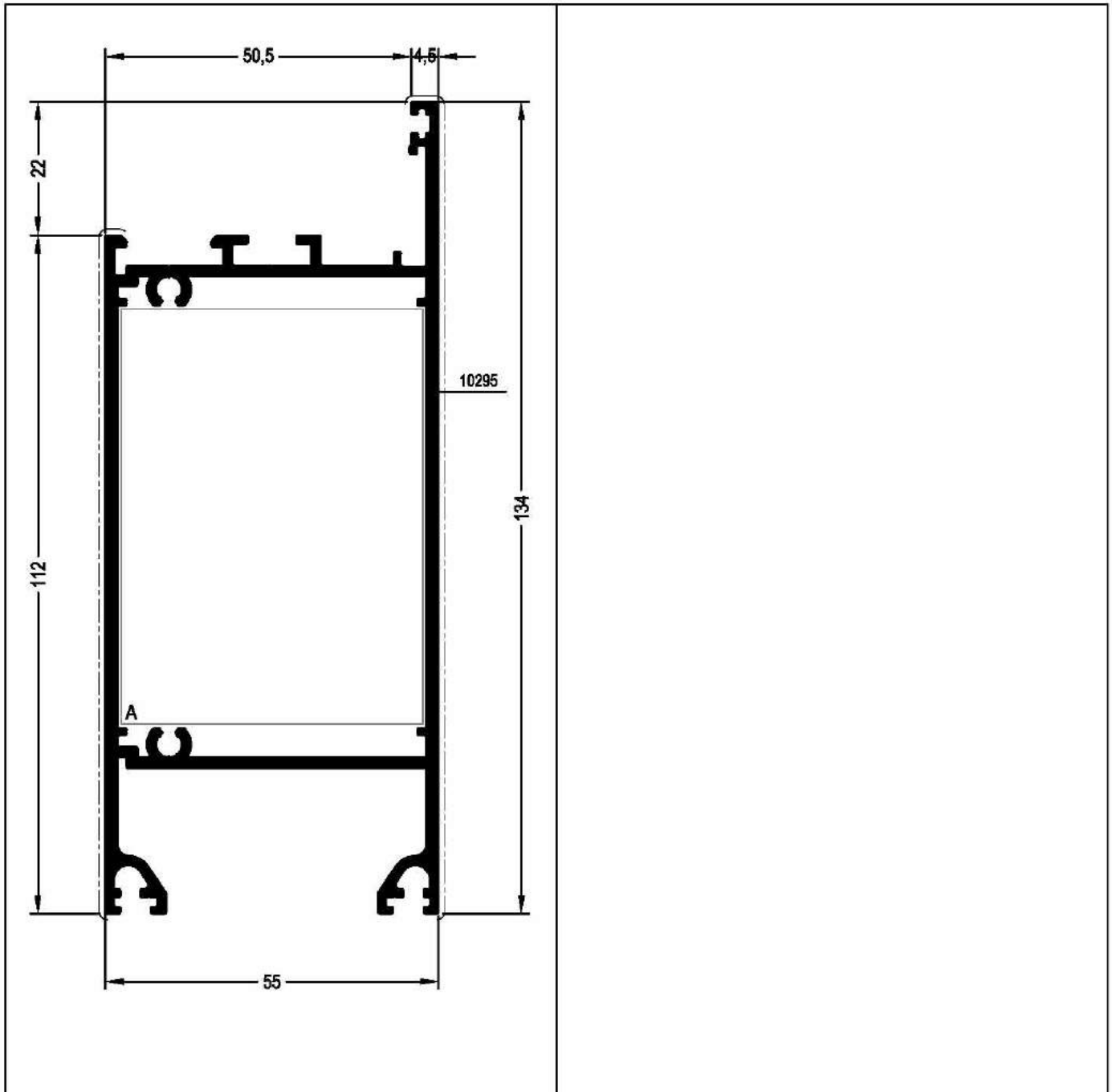
TRANSOM MULLION PROFILE 40 / 84



PROFILE CODE		16MW02		THEORETICAL WEIGHT kg/mt	
				1.378	
J <sub>xx</sub> (cm <sup>4</sup> )	J <sub>yy</sub> (cm <sup>4</sup> )	Coating Surface (cm)		Covering Surface (cm)	
		10292		Inside	Outside
21.649	18.671	41.557		4.965	9.479
T JUNCTION		A		C	
		14JW10		—	
CORNER CLEATS		A		C	
		14LW32		M.fuji 2000	



KICK PLATE

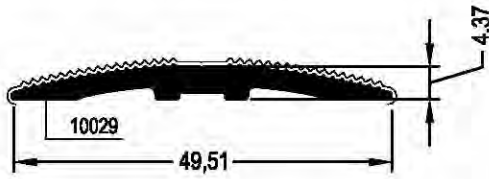


KICK PLATE PROFILE 112 / 134



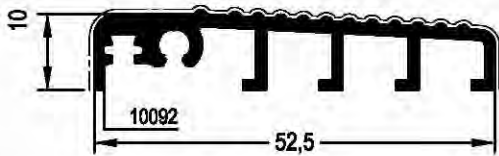
PROFILE CODE		16KW02		THEORETICAL WEIGHT kg/mt	
				2.183	
J <sub>xx</sub> (cm <sup>4</sup> )	J <sub>yy</sub> (cm <sup>4</sup> )	Coating Surface (cm)		Covering Surface (cm)	
		10295		Inside	Outside
---	---	56.338		11.583	14.004
T JUNCTION		A		C	
		14JW09		---	

KICK PLATE



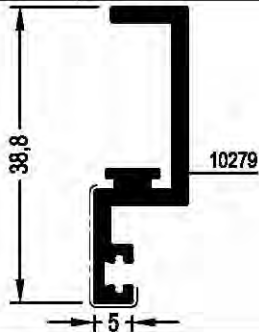
THRESHOLD PROFILE

PROFILE CODE	12KW03	THEORETICAL WEIGHT kg/mt	0.354
Coating Surface (cm)	11.405		



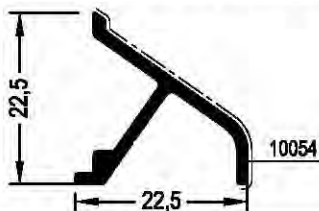
THRESHOLD PROFILE

PROFILE CODE	11KW02	THEORETICAL WEIGHT kg/mt	0.465
Coating Surface (cm)	22.117		



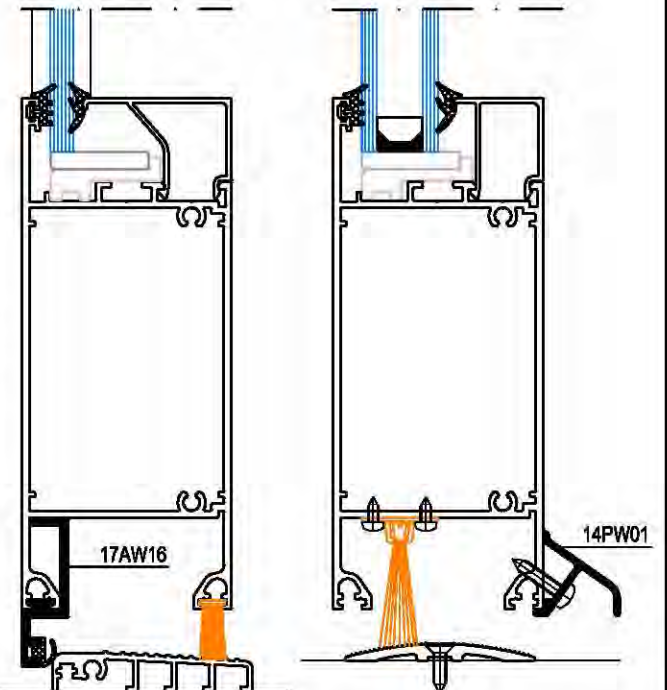
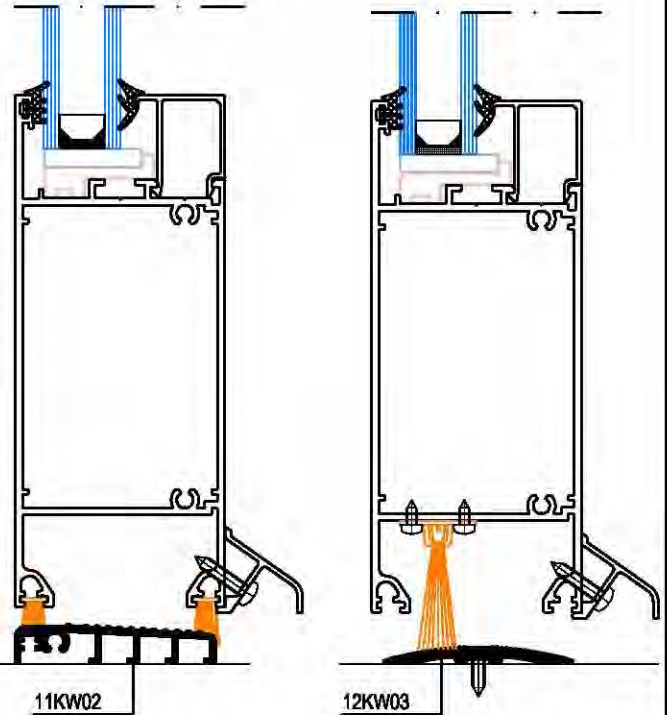
KICK PLATE PROFILE

PROFILE CODE	17AW16	THEORETICAL WEIGHT kg/mt	0.422
Coating Surface (cm)	14.314	Covering Surface (cm)	2.359




DRAINAGE PROFILE

PROFILE CODE	14PW01	THEORETICAL WEIGHT kg/mt	0.190
Coating Surface (cm)	10.183		

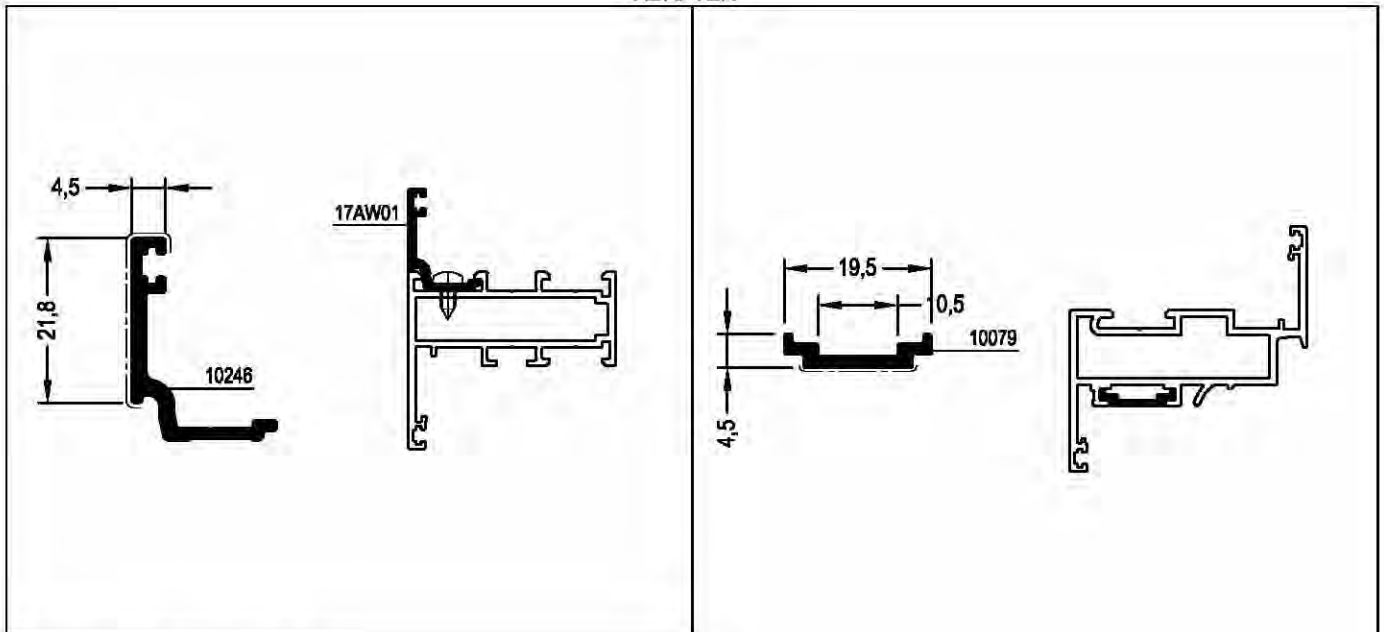


ADAPTERS



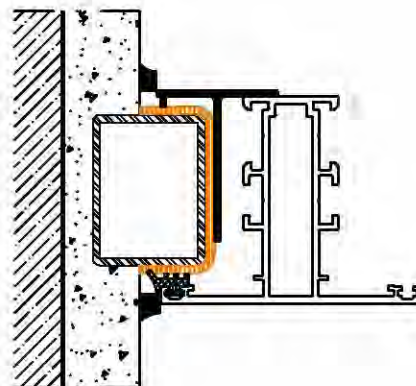
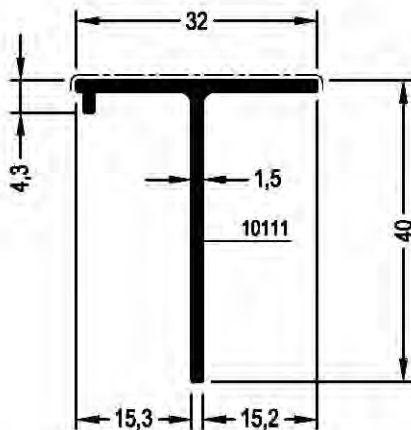
ADAPTER 61.5 / 60.25					ADAPTER 57.15 / 55				
PROFILE CODE		16AW02		THEORETICAL WEIGHT kg/mt	PROFILE CODE		16AW03		THEORETICAL WEIGHT kg/mt
				1.165					1.062
Jxx (cm <sup>4</sup> )	Jyy (cm <sup>4</sup> )	Coating Surface (cm)	Covering Surface (cm)		Jxx (cm <sup>4</sup> )	Jyy (cm <sup>4</sup> )	Coating Surface (cm)	Covering Surface (cm)	
		10293	Inside	Outside			10294	Inside	Outside
—	—	33.718	1.966	7.608	—	—	29.857	6.294	1.418
APPLICATION PROFILE	16VW01, 16VW02, 16VW03, 16VW04, 16VW05				CORNER CLEATS			A	C
FACE CAP	TOP	BOTTOM				14LW32		M.fuji 2000	
	—	—			APPLICATION PROFILE	16FW01, 16FW02, 16FW03, 16MW01, 16MW02, 16VW04			

ADAPTER



ADAPTER 4,5 / 21.8

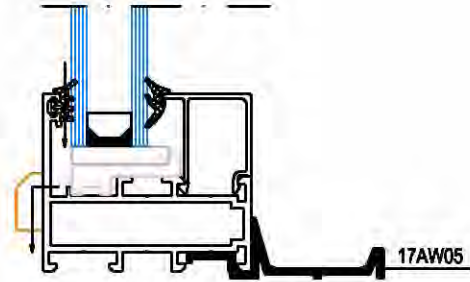
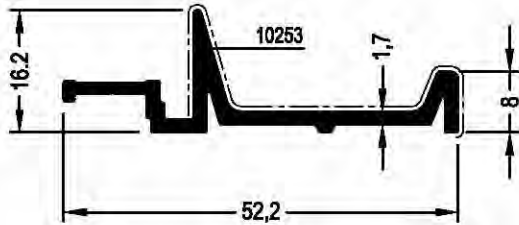
PROFILE CODE	17AW01	THEORETICAL WEIGHT kg/mt	SLIDING ROAD PROFILE		
		0.234	PROFILE CODE	14IW01	THEORETICAL WEIGHT kg/mt
Coating Surface (cm)	Covering Surface (cm)		Coating Surface (cm)	5.198	0.105
10.426	3.014				



T PROFILE

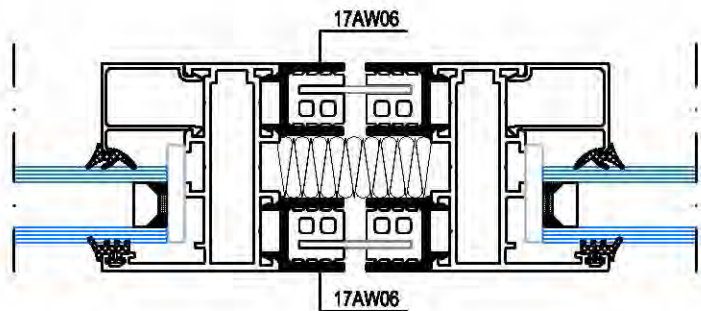
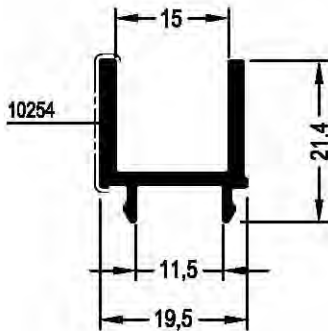
PROFILE CODE	14PW03	THEORETICAL WEIGHT kg/mt
		0.300
Coating Surface (cm)	Covering Surface (cm)	
14.702	3.508	

ADAPTER



ADAPTER 52.2 / 16.2

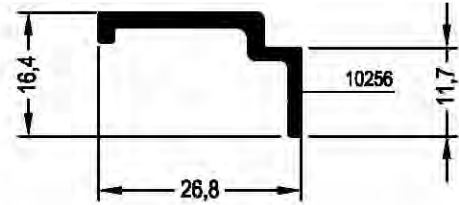
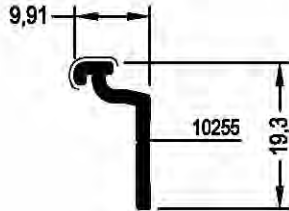
PROFILE CODE	17AW05	THEORETICAL WEIGHT kg/mt
		0.407
Coating Surface (cm)	Covering Surface (cm)	
16.757	7.082	



ADAPTER 19.5 / 21.4

PROFILE CODE	17AW06	THEORETICAL WEIGHT kg/mt
		0.278
Coating Surface (cm)	Covering Surface (cm)	
12.142	2.127	

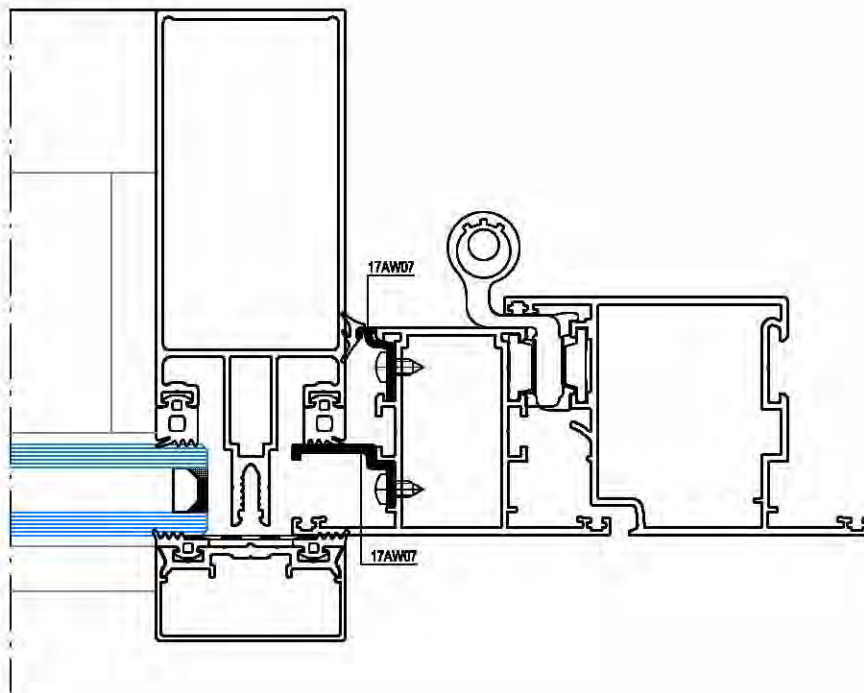
ADAPTER



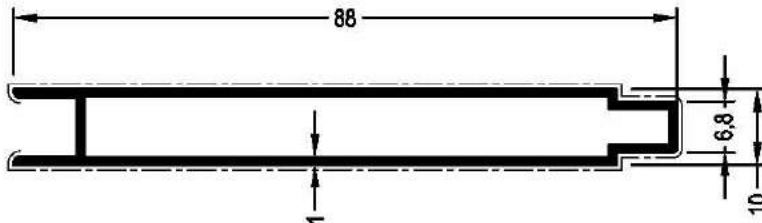
ADAPTER 9.91 / 19.3

ADAPTER 26.8 / 16.4

PROFILE CODE	17AW07	THEORETICAL WEIGHT kg/mt	PROFILE CODE	17AW08	THEORETICAL WEIGHT kg/mt
		0.113			0.221
Coating Surface ( cm )	Covering Surface ( cm )		Coating Surface ( cm )	Covering Surface ( cm )	
5.852	0.880		8.768	---	

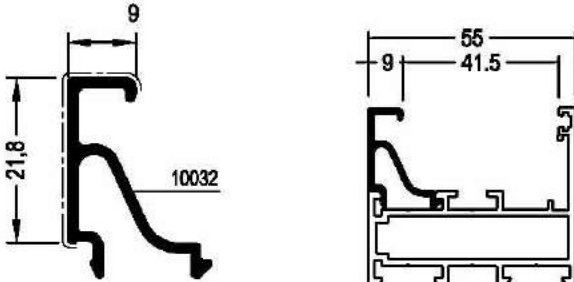
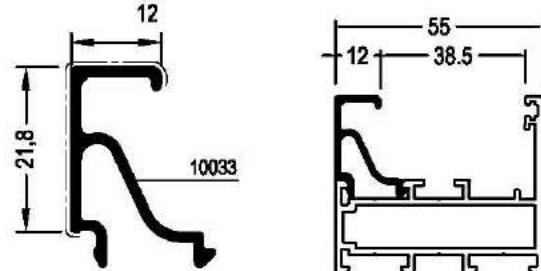
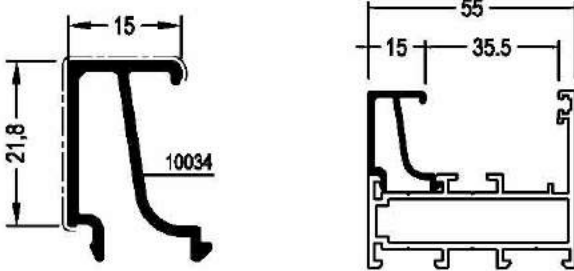
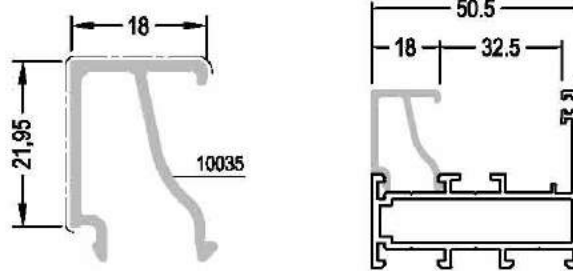
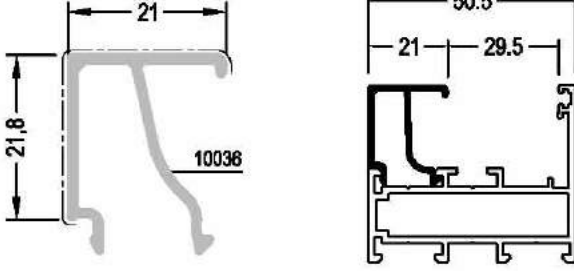
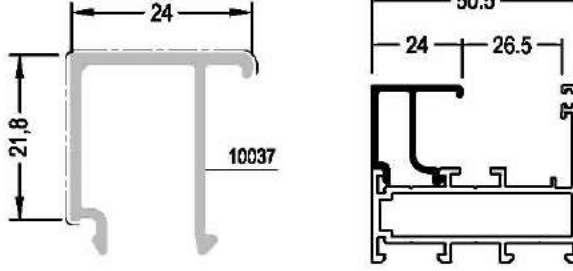


ADAPTER



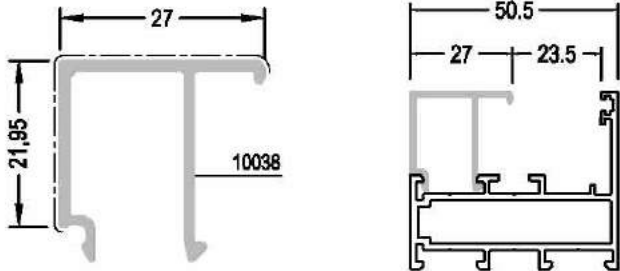
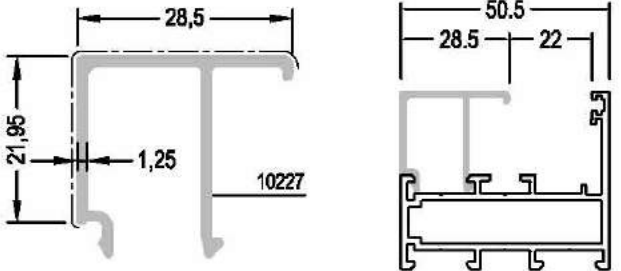
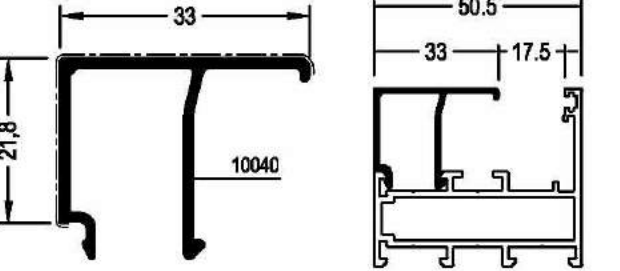
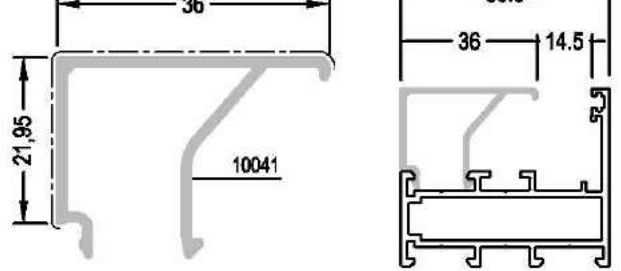
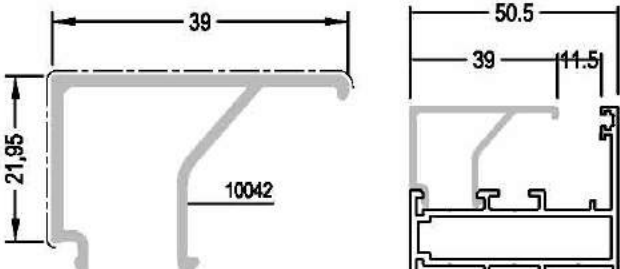
ADAPTER 10 / 88		
PROFILE CODE	1274	THEORETICAL WEIGHT kg/mt
		0.524
Coating Surface ( cm )	Covering Surface ( cm )	
21.159	16.536	

GLAZING BEAD

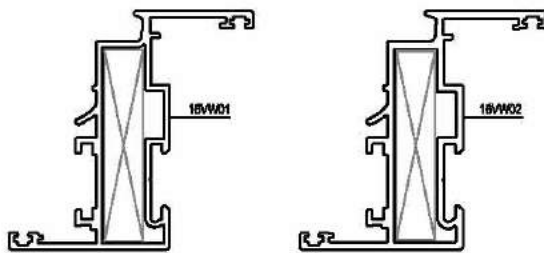
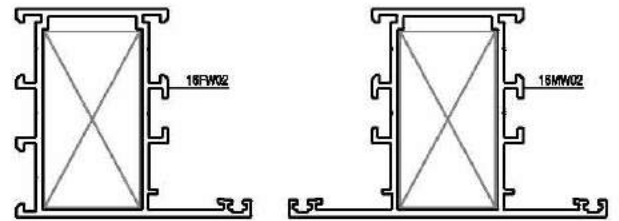
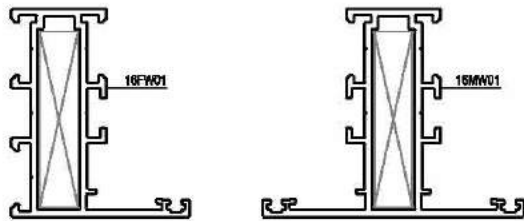
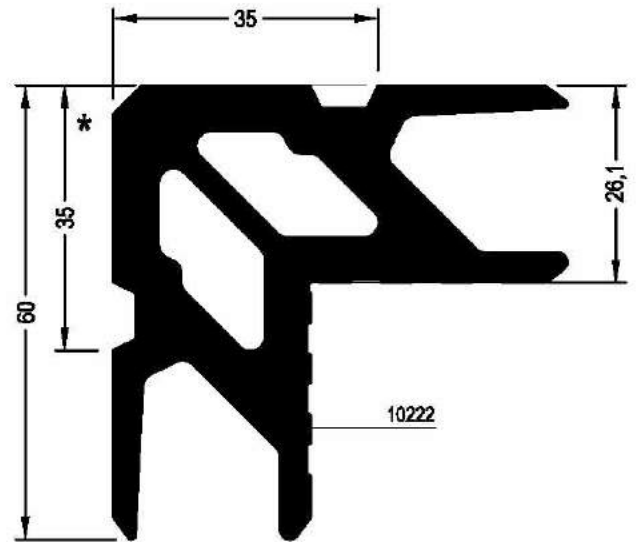
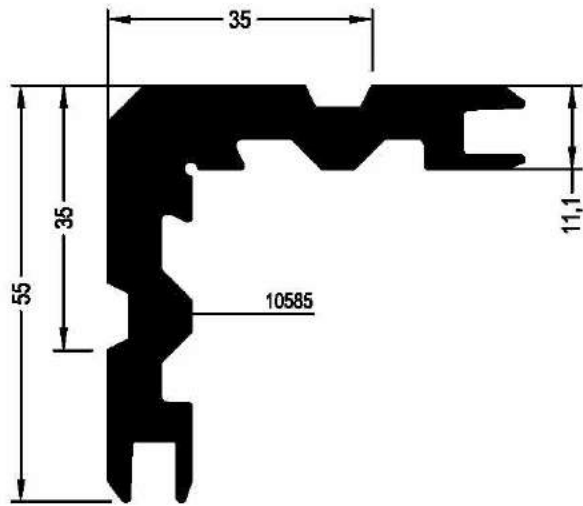
			
GLAZING BEAD 9 / 21.8		GLAZING BEAD 12 / 21.8	
PROFILE CODE	14GW01	THEORETICAL WEIGHT kg/mt	0.215
Coating Surface ( cm )	Covering Surface ( cm )	Coating Surface ( cm )	Covering Surface ( cm )
13.130	3.459	13.712	3.759
			
GLAZING BEAD 15 / 21.8		GLAZING BEAD 18 / 21.95	
PROFILE CODE	14GW03	THEORETICAL WEIGHT kg/mt	0.245
Coating Surface ( cm )	Covering Surface ( cm )	Coating Surface ( cm )	Covering Surface ( cm )
15.070	4.059	15.074	4.226
			
GLAZING BEAD 21 / 21.8		GLAZING BEAD 24 / 21.8	
PROFILE CODE	14GW05	THEORETICAL WEIGHT kg/mt	0.256
Coating Surface ( cm )	Covering Surface ( cm )	Coating Surface ( cm )	Covering Surface ( cm )
16.031	4.569	16.706	4.959
PROFILE CODE	14GW06	THEORETICAL WEIGHT kg/mt	0.260
Coating Surface ( cm )	Covering Surface ( cm )	Coating Surface ( cm )	Covering Surface ( cm )
16.031	4.569	16.706	4.959



GLAZING BEAD

			
GLAZING BEAD 27 / 21.95		GLAZING BEAD 28.5 / 21.95	
PROFILE CODE	<b>14GW07</b>	THEORETICAL WEIGHT kg/mt	<b>0.270</b>
Coating Surface ( cm )	Covering Surface ( cm )	Coating Surface ( cm )	Covering Surface ( cm )
16.474	5.126	16.774	5.276
			
GLAZING BEAD 33 / 21.8		GLAZING BEAD 36 / 21.95	
PROFILE CODE	<b>14GW09</b>	THEORETICAL WEIGHT kg/mt	<b>0.291</b>
Coating Surface ( cm )	Covering Surface ( cm )	Coating Surface ( cm )	Covering Surface ( cm )
17.712	5.830	18.935	6.026
			
GLAZING BEAD 39 / 21.95			
PROFILE CODE	<b>14GW11</b>	THEORETICAL WEIGHT kg/mt	<b>0.321</b>
Coating Surface ( cm )	Covering Surface ( cm )		
19.535	6.326		

CORNER CLEATS



\* pressed profile

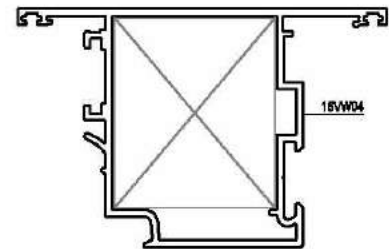
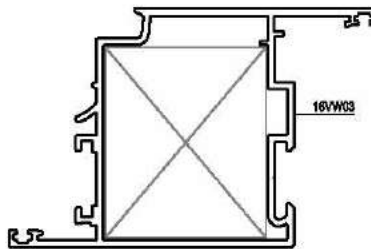
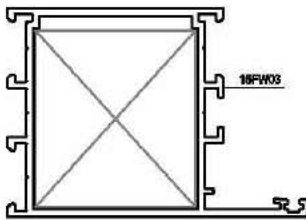
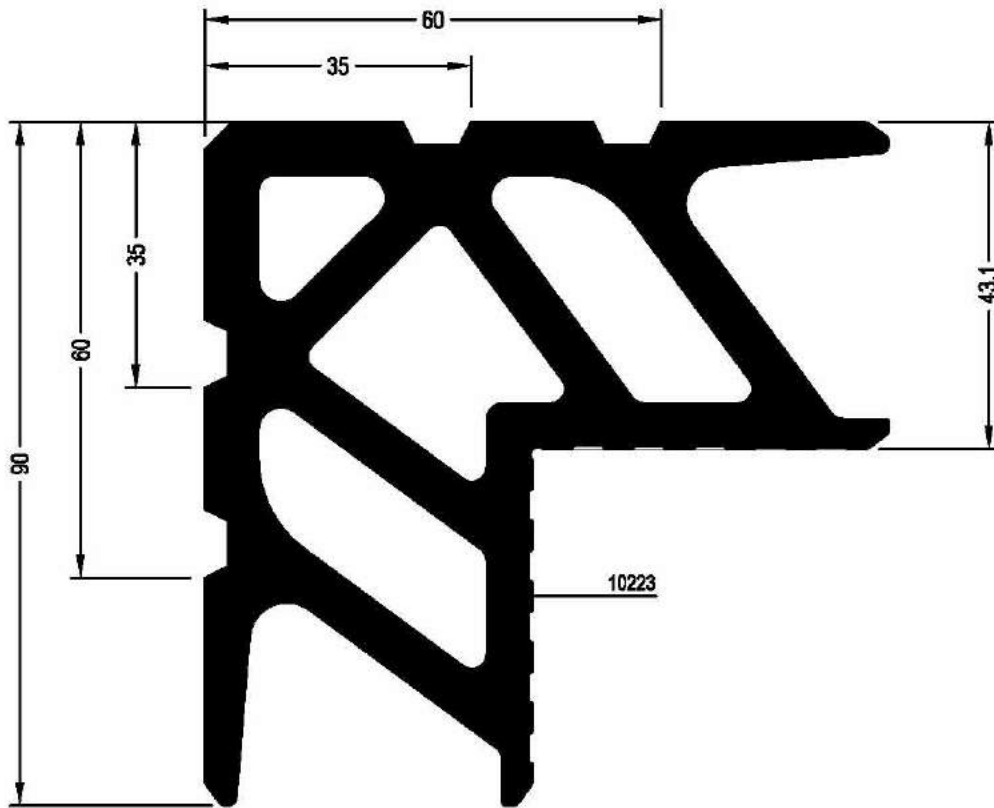
\* pressed profile

CORNER CLEATS 11.1 / 55

CORNER CLEATS 26.1 / 60

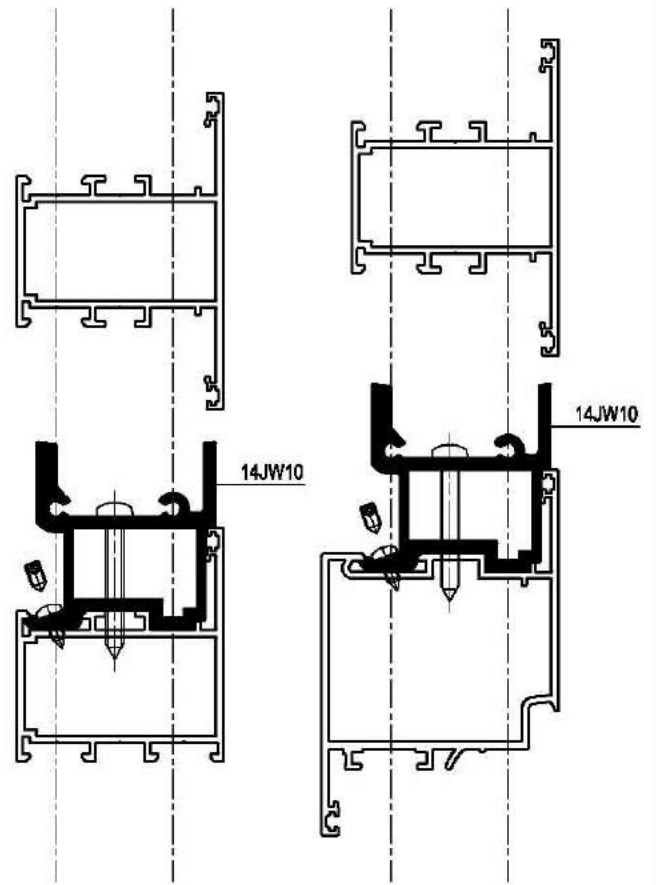
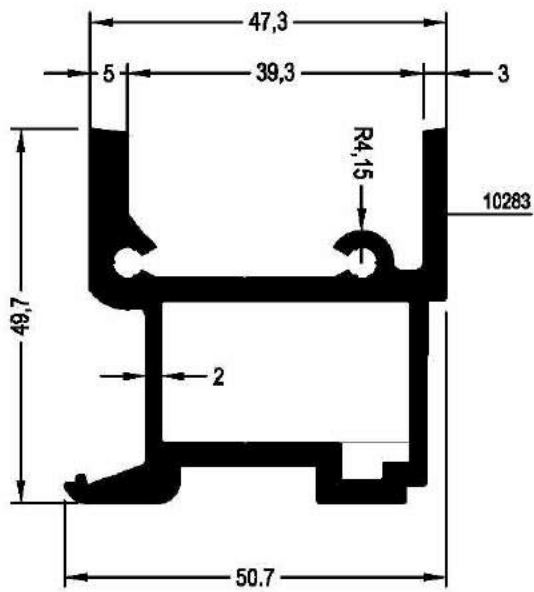
PROFILE CODE	14LW14	PRES	THEORETICAL WEIGHT kg/mt	PROFILE CODE	14LW32	PRES	THEORETICAL WEIGHT kg/mt
			2.154				3.363
APPLICATION PROFILE	PROFILE CODE			APPLICATION PROFILE	PROFILE CODE		
	16FW01, 16MW01				16FW02, 16MW02		
	16VW01, 16VW02						

CORNER CLEATS



CORNER CLEATS		43.1 / 90	
PROFILE CODE	14LW33	PRES	THEORETICAL WEIGHT kg/mt
			7.344
APPLICATION PROFILE	PROFILE CODE		
	16FW03		
	16VW03, 16VW04		

T JUNCTION



T JUNCTION 50.7 / 49.7

PROFILE CODE

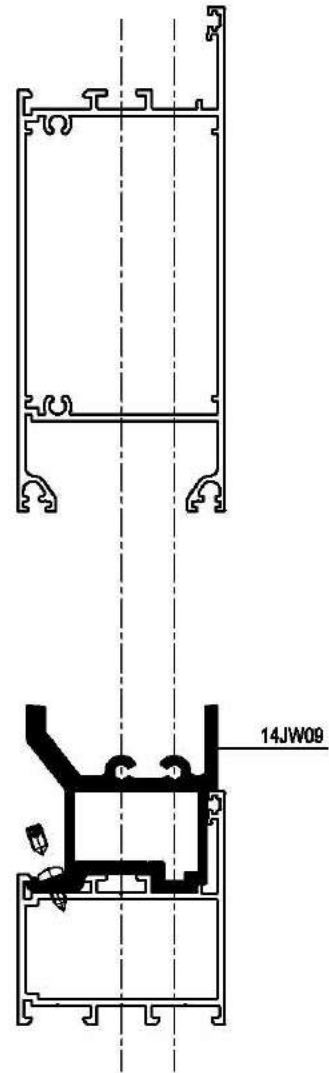
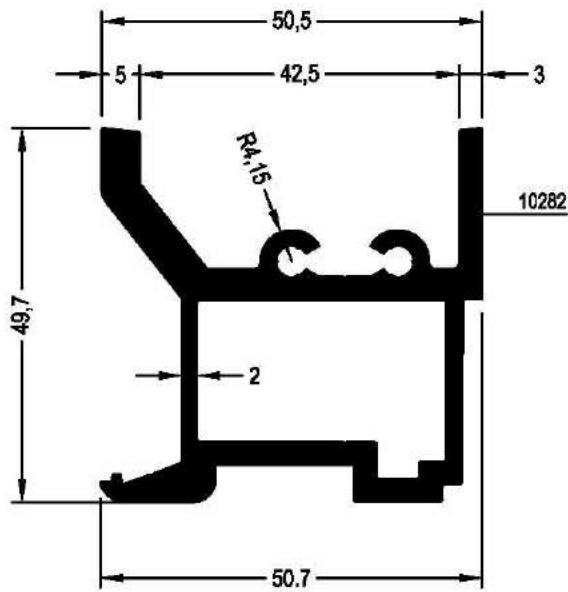
**14JW10**

PRES

THEORETICAL WEIGHT kg/m

**1.643**

T JUNCTION



T JUNCTION 50.7 / 49.7

PROFILE CODE

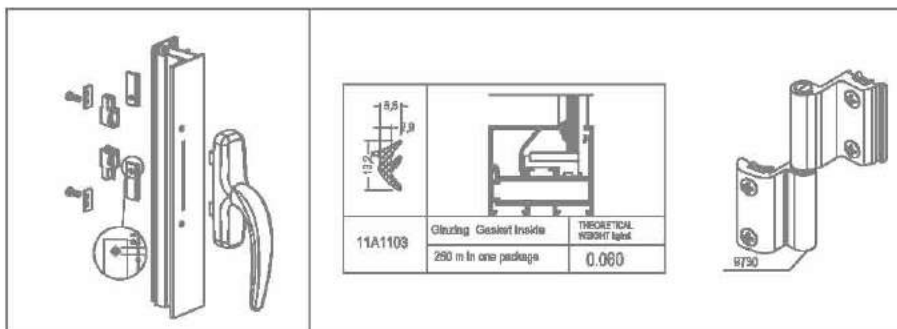
14JW09

PRES

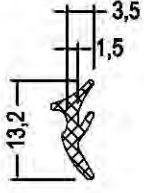
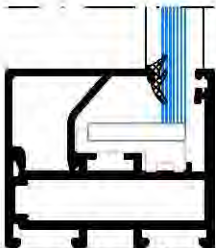
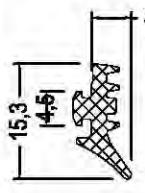
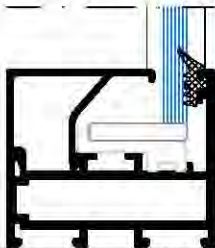
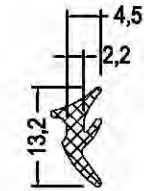
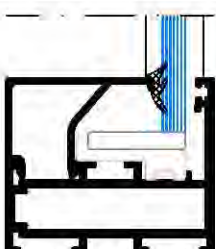
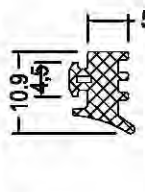
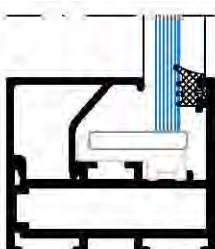
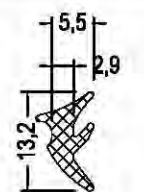
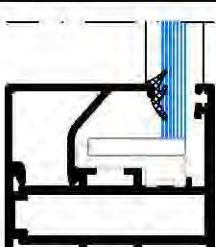
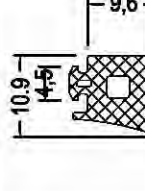
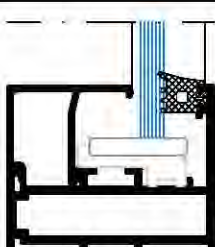
THEORETICAL WEIGHT kg/mt

1.692

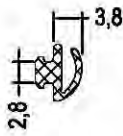
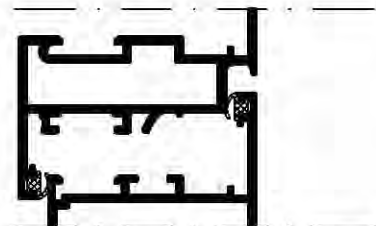
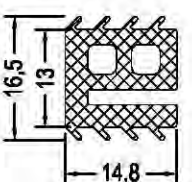
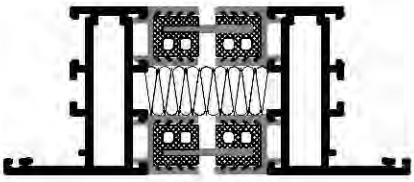
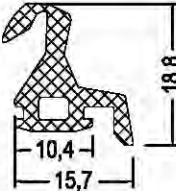
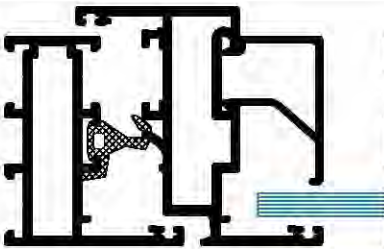
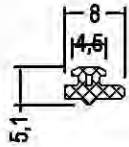
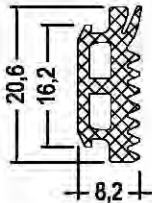
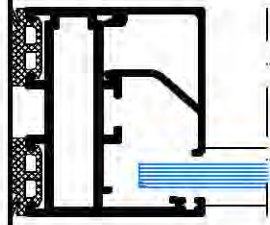
## c - ACCESSORIES



E.P.D.M. GASKETS

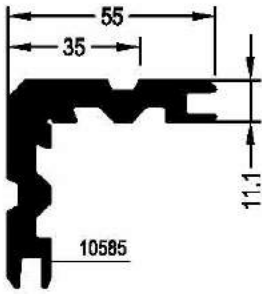
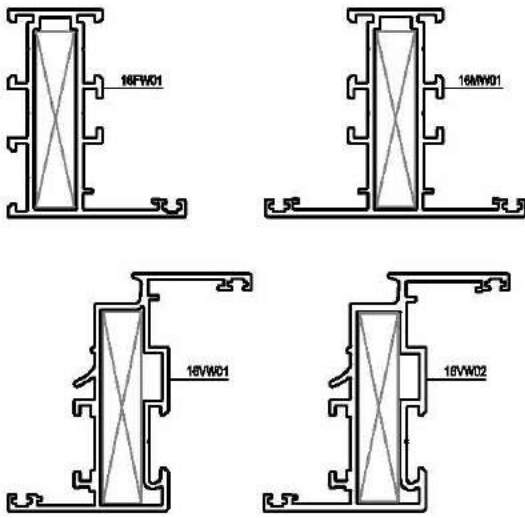

					
<b>11A1101</b>	Glazing Gasket Inside	THEORETICAL WEIGHT kg/mt	<b>11A2701</b>	Glazing Gasket Outside	THEORETICAL WEIGHT kg/mt
	300 m in one package	<b>0.050 kg/mt</b>		270 m in one package	<b>0.055 kg/mt</b>
MATERIALS	E.P.D.M.		MATERIALS	E.P.D.M.	
					
<b>11A1102</b>	Glazing Gasket Inside	THEORETICAL WEIGHT kg/mt	<b>11A2702</b>	Glazing Gasket Outside	THEORETICAL WEIGHT kg/mt
	250 m in one package	<b>0.060 kg/mt</b>		217 m in one package	<b>0.069</b>
MATERIALS	E.P.D.M.		MATERIALS	E.P.D.M.	
					
<b>11A1103</b>	Glazing Gasket Inside	THEORETICAL WEIGHT kg/mt	<b>11A2703</b>	Glazing Gasket Outside	THEORETICAL WEIGHT kg/mt
	215 m in one package	<b>0.070 kg/mt</b>		138 m in one package	<b>0.108</b>
MATERIALS	E.P.D.M.		MATERIALS	E.P.D.M.	

E.P.D.M. GASKETS

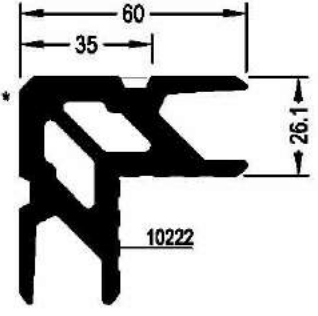
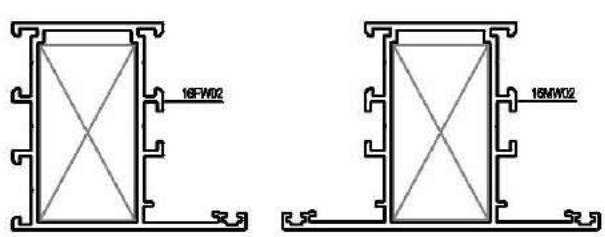

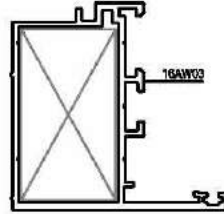
					
<p>11A1301</p>	<p><b>Acoustical Gasket</b> 375 m in one package</p>	<p>THEORETICAL WEIGHT kg/mt <b>0.040 kg/mt</b></p>	<p>11A1706 <b>Gaskets for Adapter Profile</b> 73 mt in one package</p>	<p>THEORETICAL WEIGHT gr/mt <b>0.200 kg/mt</b></p>	
<p>MATERIALS</p>	<p>E.P.D.M.</p>		<p>MATERIALS</p>	<p>E.P.D.M.</p>	
					
<p>11A1405</p>	<p><b>Central Gasket</b> 93 m in one package</p>	<p>THEORETICAL WEIGHT kg/mt <b>0.160 kg/mt</b></p>	<p>11A1502 <b>Gaskets for Adapter Profile</b> 517 mt in one package</p>	<p>THEORETICAL WEIGHT gr/mt <b>0.029 kg/mt</b></p>	
<p>MATERIALS</p>	<p>E.P.D.M.</p>		<p>MATERIALS</p>	<p>E.P.D.M.</p>	
					
			<p>11A1503</p>	<p><b>Gaskets for Adapter Profile</b> 128 m in one package</p>	<p>THEORETICAL WEIGHT kg/mt <b>0.155</b></p>
			<p>MATERIALS</p>	<p>E.P.D.M.</p>	



CORNER CLEATS

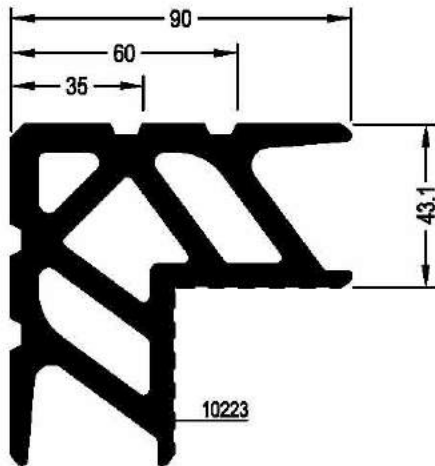
DRAWING / INFORMATION				APPLICATION	
 <p>* pressed profile</p>					
CORNER CLEATS WITH PRES 11.1 / 55					
PROFILE CODE	14LW14	PRES	THEORETICAL WEIGHT kg/mt		
			2.154		
APPLICATION PROFILES	Cutting Sizes (mm)	PIECE CODE NUMBER			
16FW01	10284	47.4 mm	---		
16VW01	10287	51.5 mm	---		
16VW02	10288	50.7 mm	---		
16MW01	10291	47.4 mm	---		

CORNER CLEATS

DRAWING / INFORMATION				APPLICATION	
 <p>* pressed profile</p>					
CORNER CLEATS WITH PRES      26.1 / 60					
PROFILE CODE	14LW32	PRES	THEORETICAL WEIGHT kg/mt		
			3.363		
APPLICATION PROFILES	Cutting Sizes (mm)	PIECE CODE NUMBER			
16FW02	10285	47.4 mm	----		
16MW02	10292	47.4 mm	----		
16AW03	10294	46.4 mm	----		
					

CORNER CLEATS

DRAWING / INFORMATION

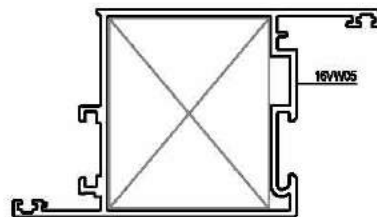
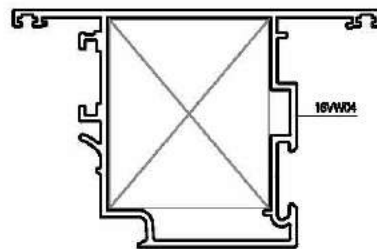
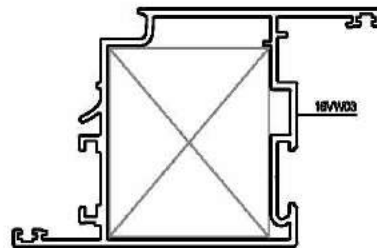
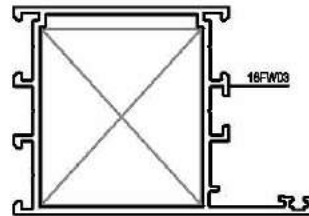


\* pressed profile

CORNER CLEATS WITH PRES 43.1 / 90

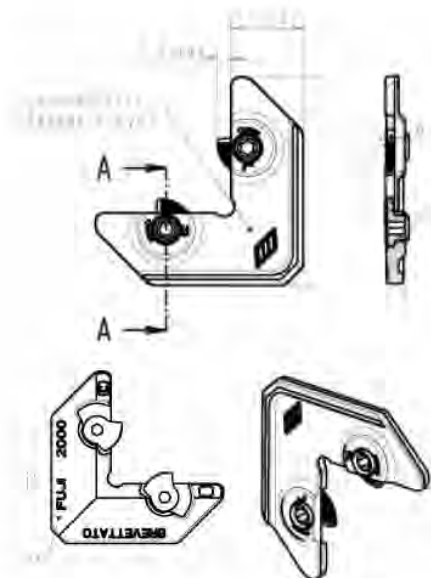
PROFILE CODE	<b>14LW33</b>	PRES	THEORETICAL WEIGHT kg/mt
			<b>7.344</b>
APPLICATION PROFILES	Cutting Sizes (mm)	PIECE CODE NUMBER	
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16VW03	10289	50.9 mm	----
16VW04	10290	50.9 mm	----
16VW05			----

APPLICATION

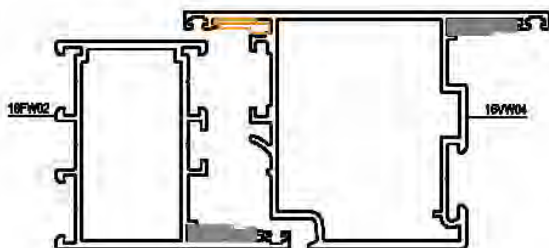
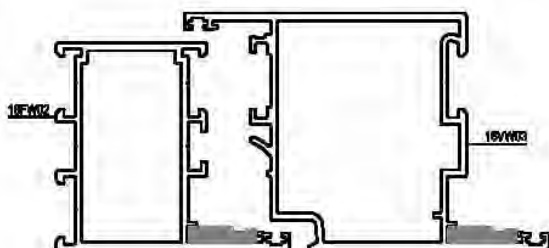
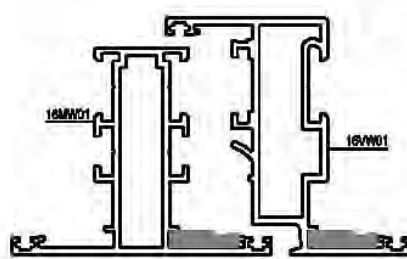
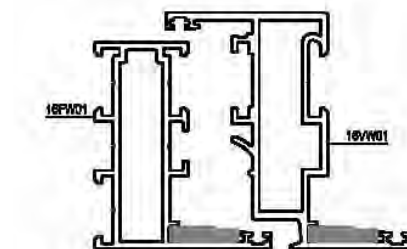


CORNER CLEATS

DRAWING / INFORMATION




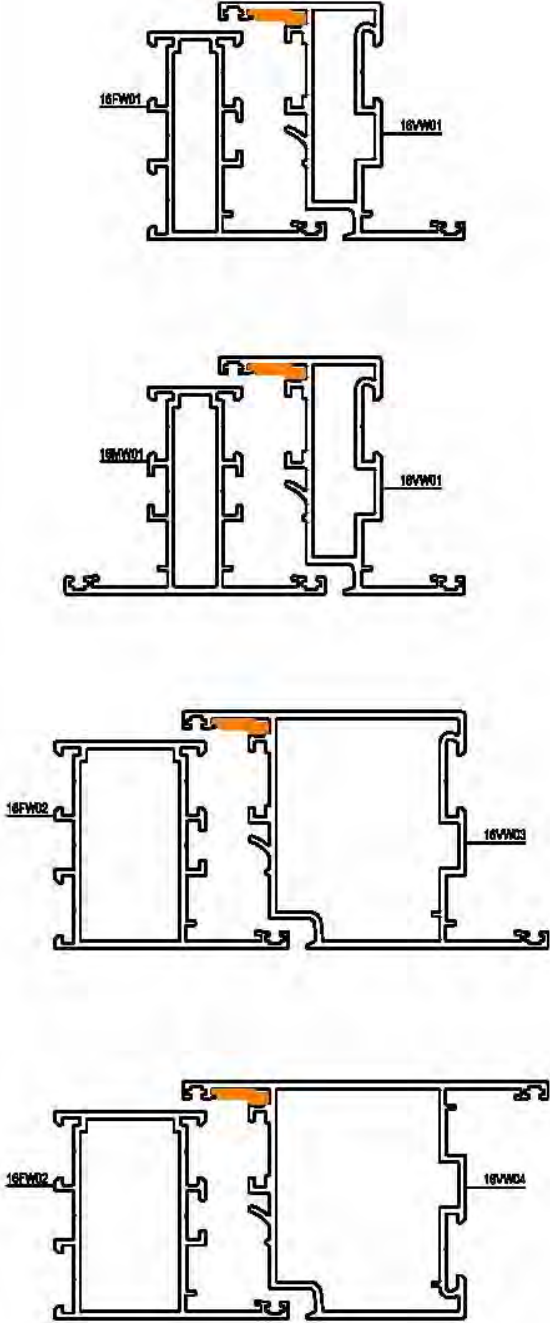
APPLICATION



CODE FUJI 2000 Aluminium Corner Joint with nut

APPLICATION PROFILES	16FW01, 16FW02, 16FW03
	16VW01, 16VW02, 16VW03, 16VW04, 16VW05
	16MW01, 16MW02
MATERIALS	Die -Cast Corner Joint

CORNER CLEATS

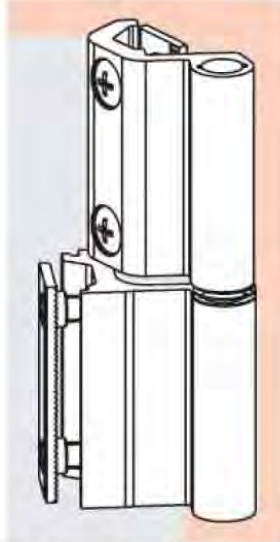
DRAWING / INFORMATION	APPLICATION
	
<p>CODE      MO20</p>	<p>Plastic Corner Joint</p>
<p>APPLICATION PROFILES</p>	<p>16VW01,16VW02,16VW03,16VW04,16VW05</p>
<p>MATERIALS</p>	<p>Black nylon</p>

T JUNCTION

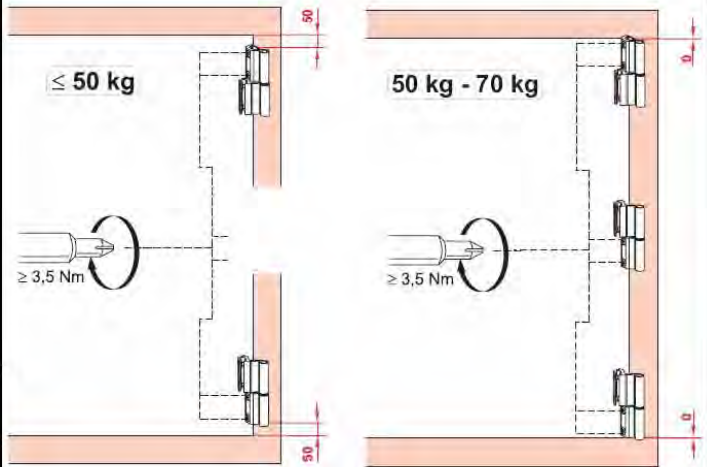
DRAWING / INFORMATION				APPLICATION			
* pressed profile				* pressed profile			
T JUNCTION		50.7 / 49.7		T JUNCTION		50.7 / 49.7	
PROFILE CODE	14JW10	PRES	THEORETICAL WEIGHT kg/mt 1.056	PROFILE CODE	14JW09	PRES	THEORETICAL WEIGHT kg/mt 1.692
APPLICATION PROFILES		Cutting Sizes (mm)	PIECE CODE NUMBER	APPLICATION PROFILES		Cutting Sizes (mm)	PIECE CODE NUMBER
16MW01	10291	10.9 mm	—	16KW02	10295	69.2 mm	—
16MW02	10292	25.9 mm	—				

HINGES

DRAWING / INFORMATION



APPLICATION



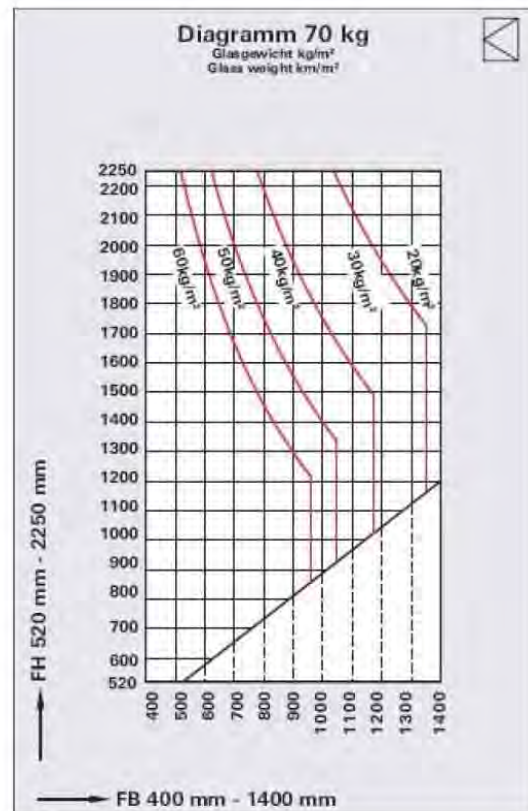
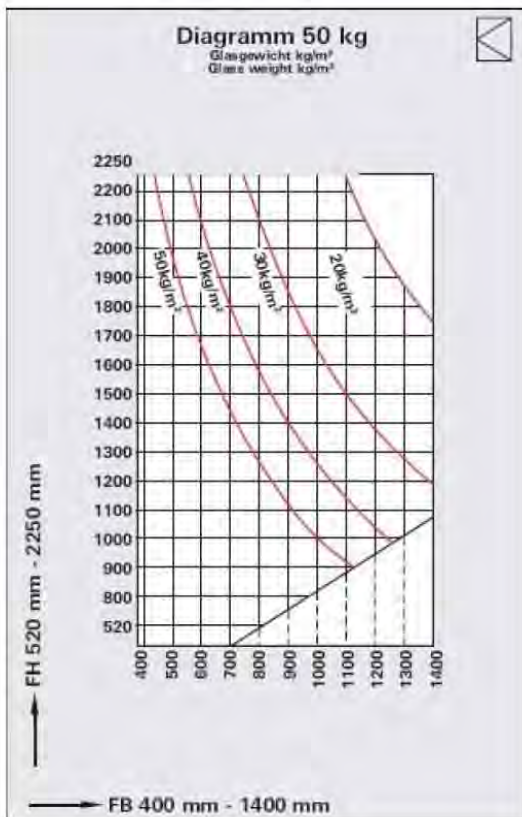
CODE 14A1701 Window Hinge

COLOURS White (RAL 9016), Black (RAL 9005)

MATERIALS Anodized silver  
Black nylon bush, Hinges in extruded aluminium  
Galvanized steel pin  
Galvanized die cast zinc alloy

CAPACITIES 2 hinges : 50 kg  
3 hinges : 70 kg

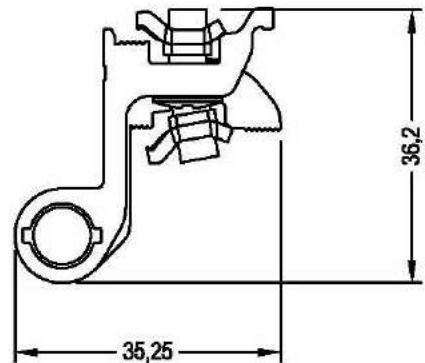
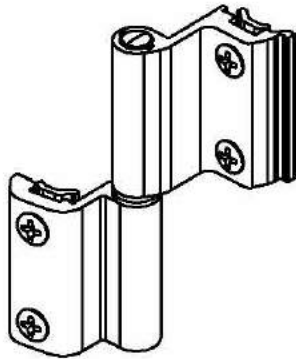
ROTO FRANK



HINGES

DRAWING / INFORMATION

APPLICATION

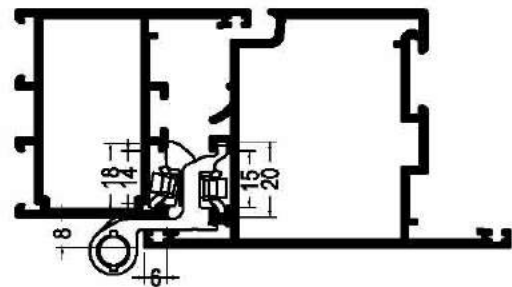
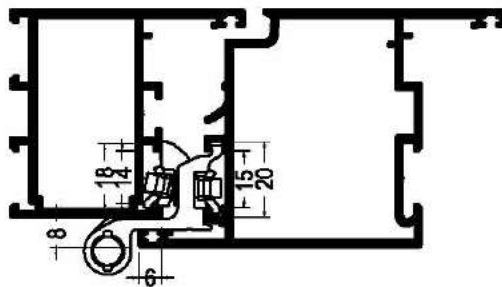
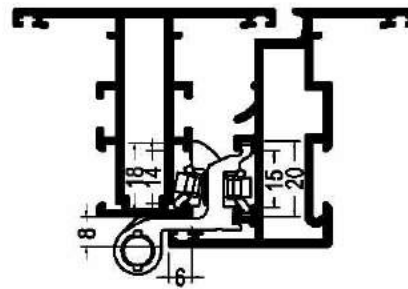
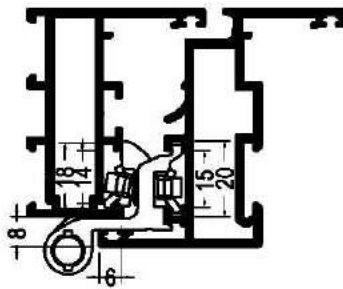


CODE	9730	Window Hinge
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COLOURS	White (RAL 9016), Black (RAL 9005)
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MATERIALS	Hinges in extruded aluminium
	Black nylon bush
	Galvanized steel pin
	Galvanized die cast zinc alloy

CAPACITIES	2 hinges : 80 kg
	3 hinges : 90 kg

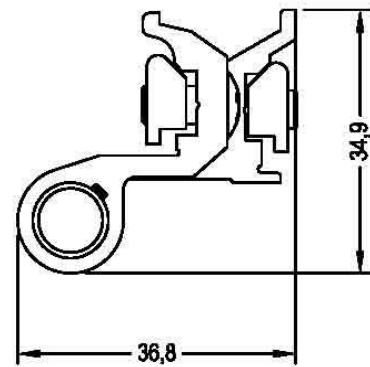
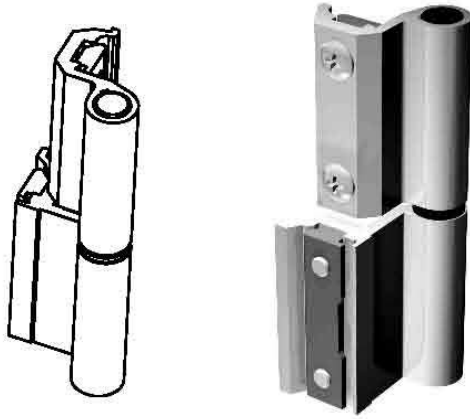




HINGES

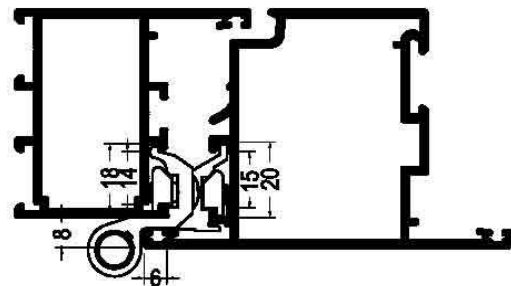
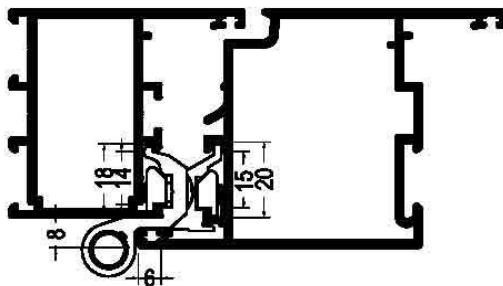
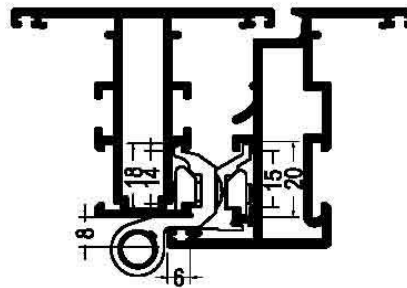
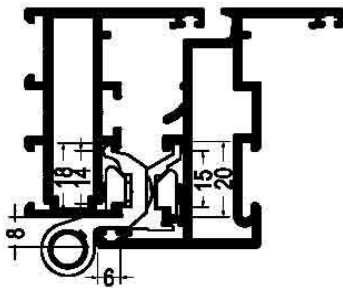
DRAWING / INFORMATION

APPLICATION



CODE	M10 PR	Window Hinge
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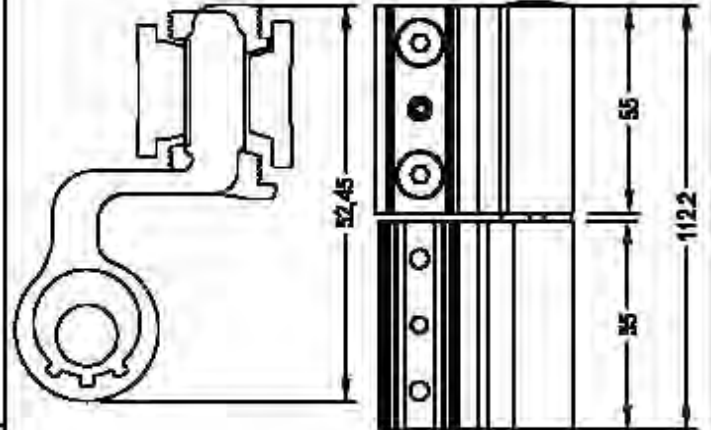
COLOURS	White ( RAL 9016 ) , Black ( RAL 9005 )
	Electrostatic painted in RAL colours
	Anodized silver and bronze
MATERIALS	Hinges in extruded aluminium , 48 mm length
	Black nylon bush
	Galvanized steel pin
	Galvanized die cast zinc alloy , 46.5 mm length
CAPACITIES	2 hinges : 80 kg
	3 hinges : 90 kg



HINGES

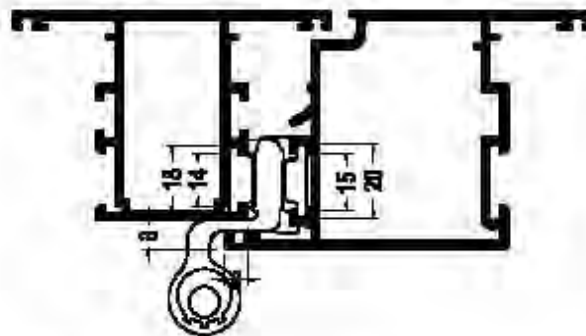
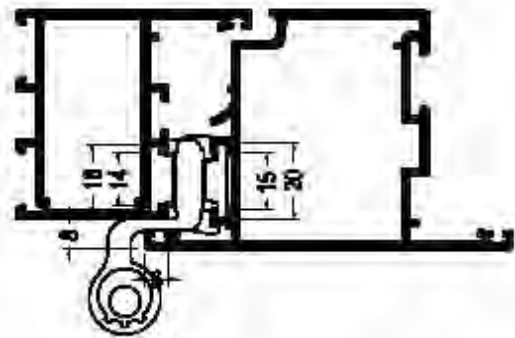
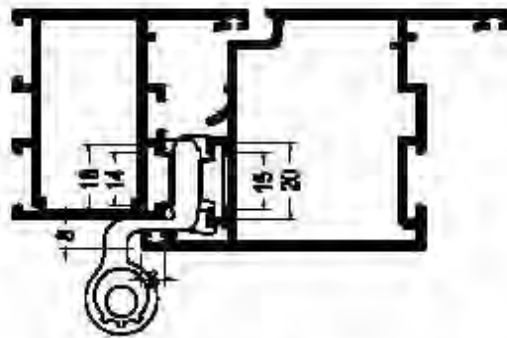
DRAWING / INFORMATION

APPLICATION



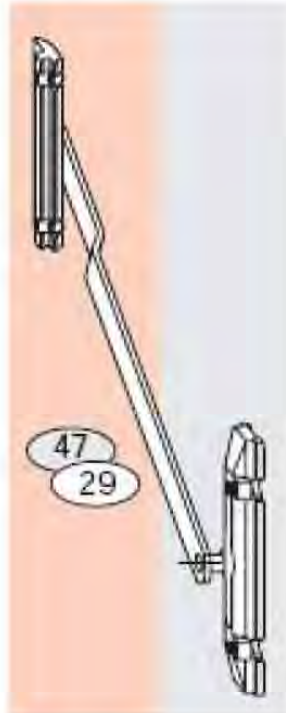
CODE 5603 Window Hinge

COLOURS	White (RAL 9016), Black (RAL 9005)
MATERIALS	Hinges in extruded aluminium
	Black nylon bush
	Galvanized steel pin
	Galvanized die cast zinc alloy

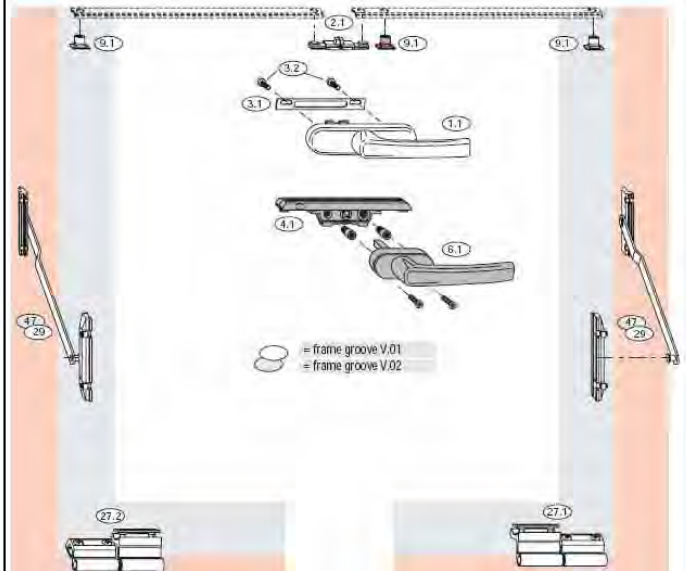


VASISTAS

DRAWING / INFORMATION



APPLICATION



ROTO FRANK

CODE 14A1501 Vasistas

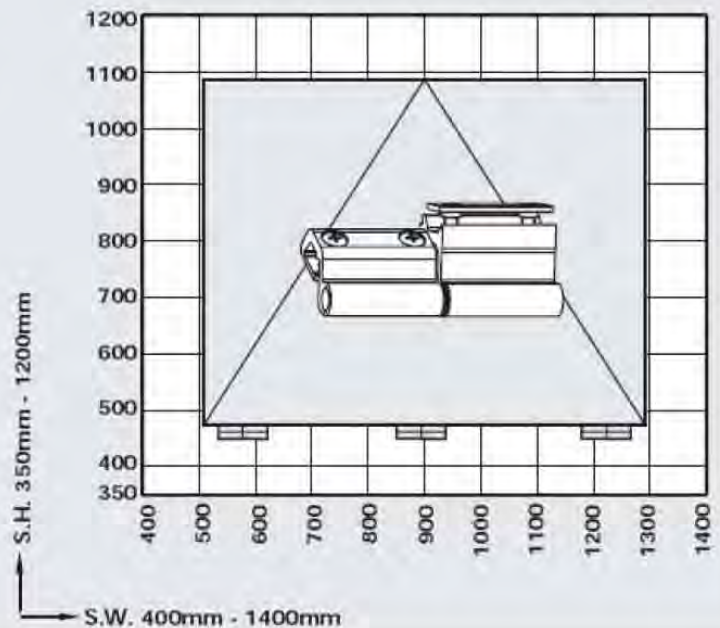


70kg

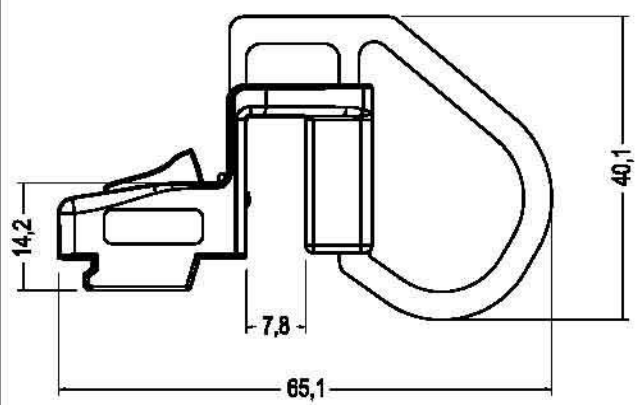
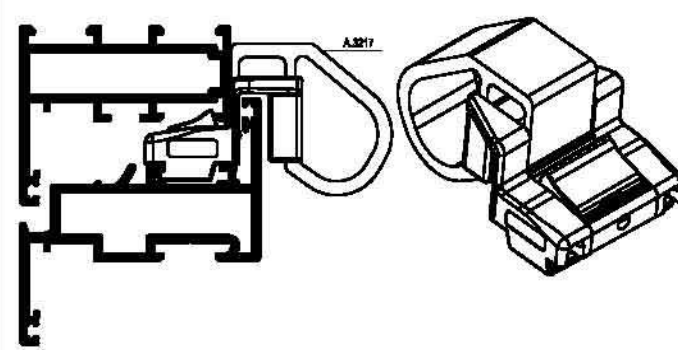

Limitation of sash formats

S.W. - Sash width 400mm - 1400mm  
S.H. - Sash height 350mm - 1200mm  
S.kg.max - Max. sash weight 70kg


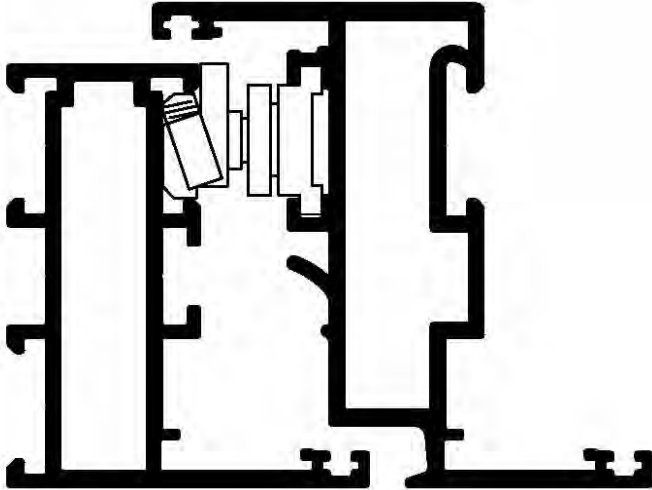

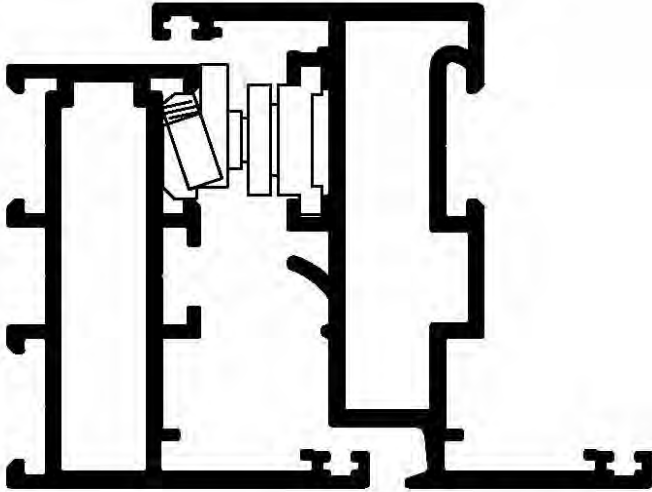
The information in the application diagram refers to the glass weight in kg/m<sup>2</sup>.



VASISTAS

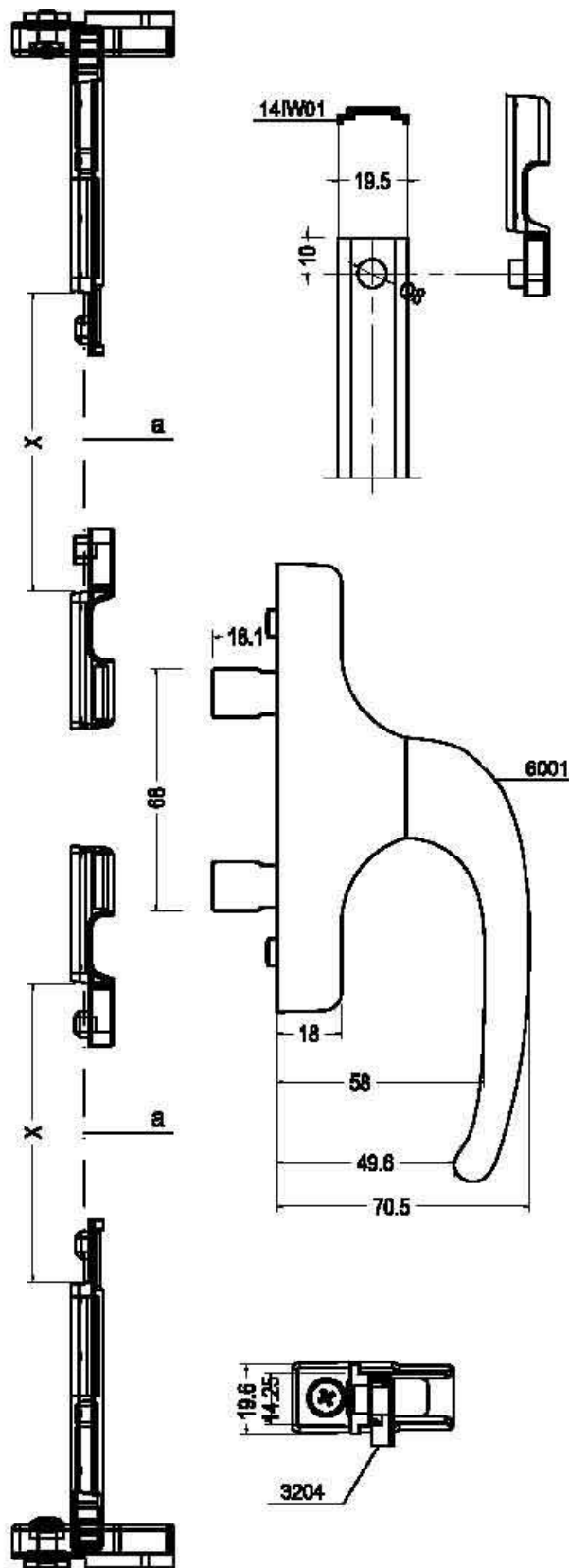
DRAWING / INFORMATION		APPLICATION	
			
CODE	A.3217		Vasistas Spring
COLOURS	White ( RAL 9016 ) , Black ( RAL 9005 )		
			
CODE	03209		Vasistas Spring
COLOURS	Black		
MATERIALS	Black nylon		

VASISTAS

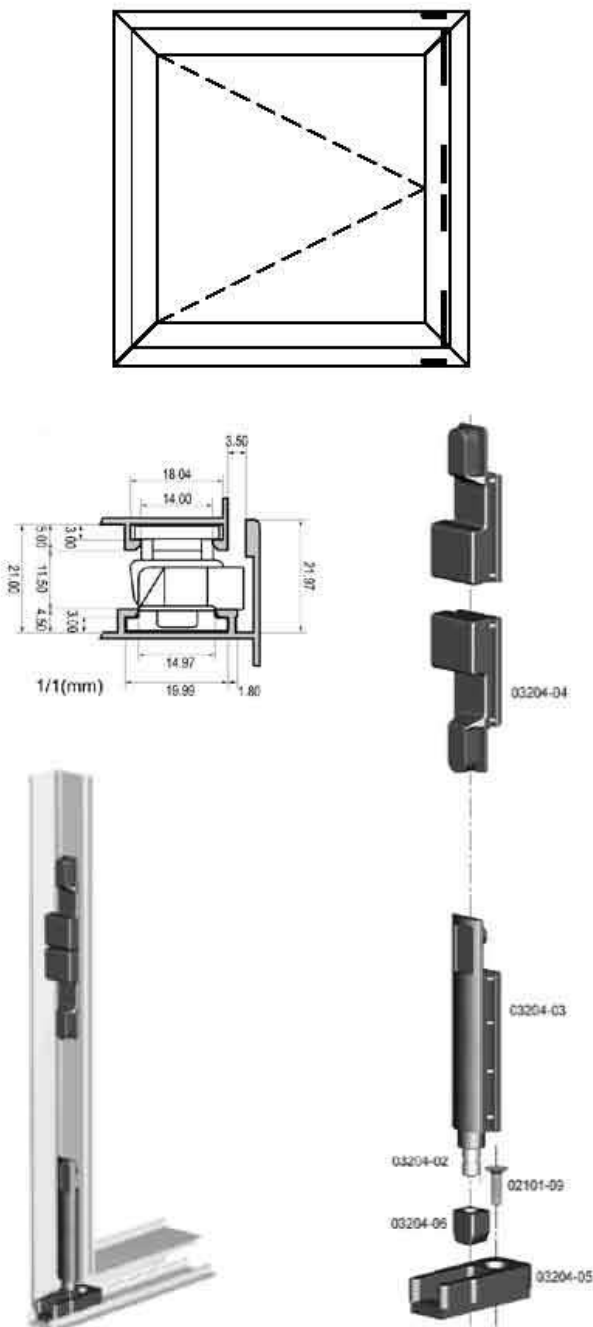
DRAWING / INFORMATION		APPLICATION	
			
CODE	3207		Vasistas
COLOURS	Natural , Anodized silver and bronze		
	Electrostatic painted in RAL colours		
MATERIALS	Extruded aluminium , 209 mm length		
	Black nylon bush		
	Galvanized steel pin		
CAPACITIES	2 hinges : 60 kg		
	3 hinges : 70 kg		
			
CODE	ERT1861		Vasistas
COLOURS	Natural , Anodized silver and bronze		
	Electrostatic painted in RAL colours		

**LOCKING KIT**

**DRAWING / INFORMATION**



**APPLICATION**



**CODE** 03204

**Locking Kit**

**COLOURS**

Black nylon and galvanized coated

Galvanized die-cast zinc alloy

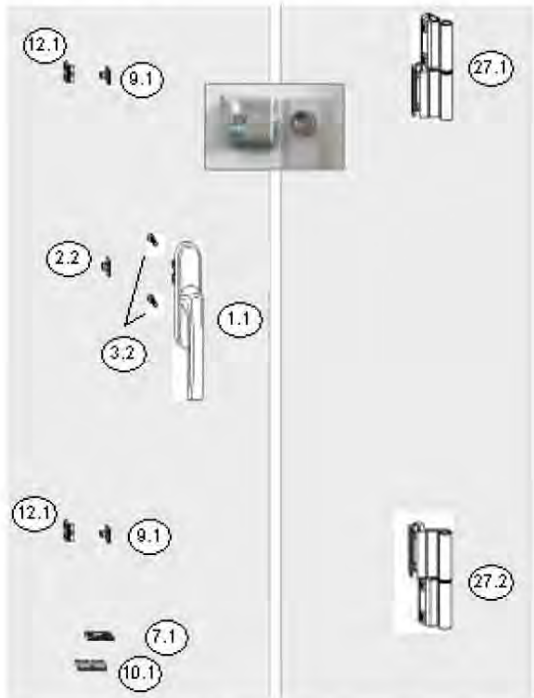
**MATERIALS**

Black nylon bush

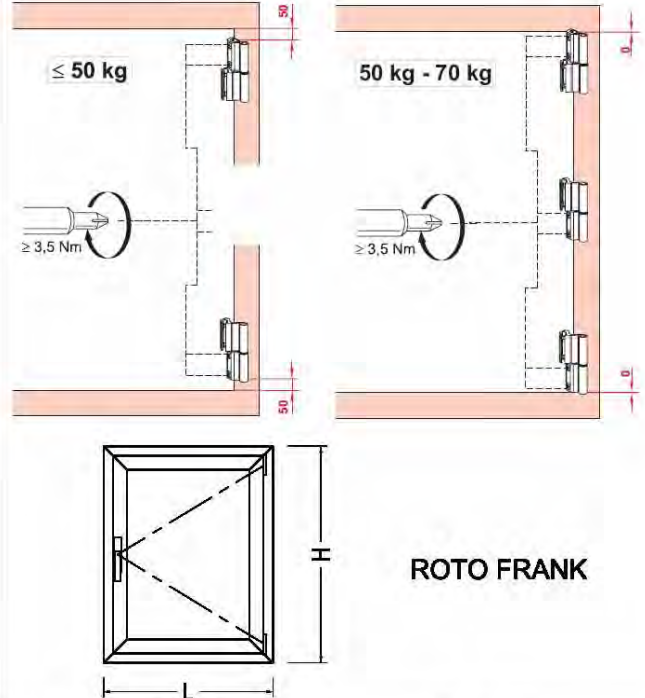
Galvanized steel pin

TURN WINDOWS MECHANISM

DRAWING

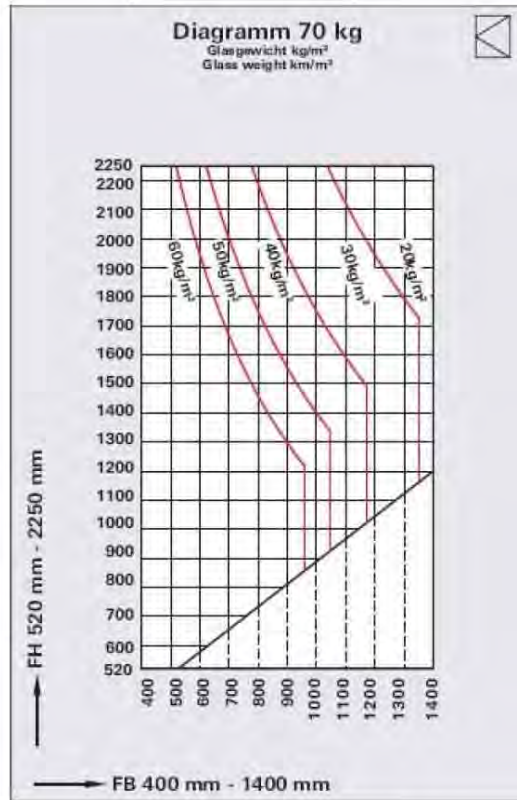
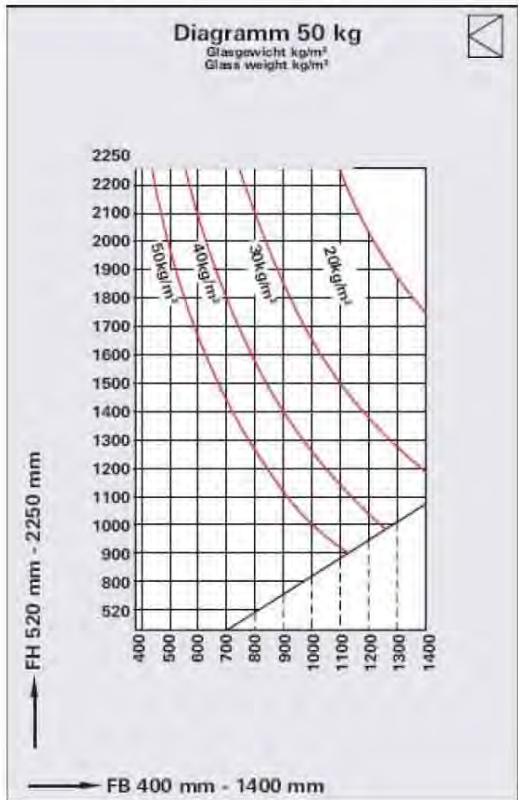


APPLICATION



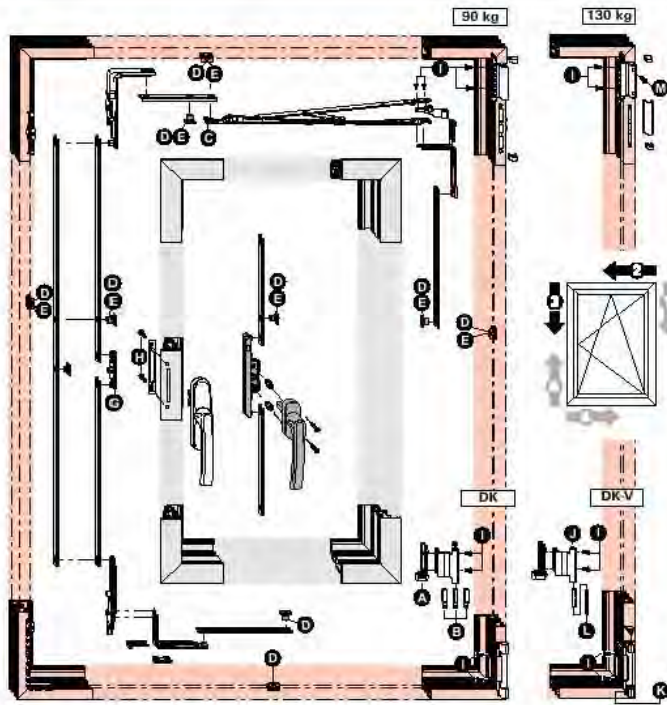
CODE	14A1701	Turn Windows Mechanism
Width L (mm)	Height H (mm)	Weight (kg)
400 mm - 1400 mm	520 mm - 2250 mm	50-70 Kg / m2

CONTENTS	Hinges	2 set.
	Handle	1 set.
	Locking Group	1 set.

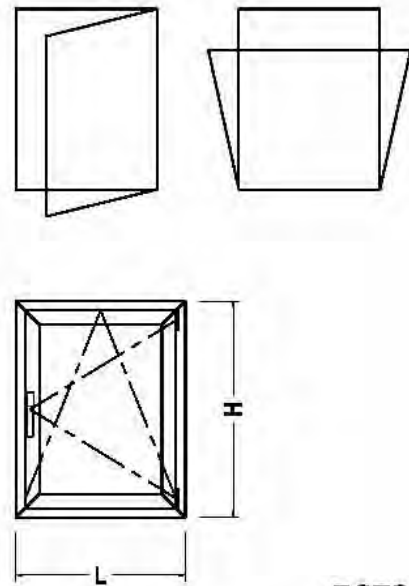


TURN AND TILT MECHANISM

DRAWING



APPLICATION



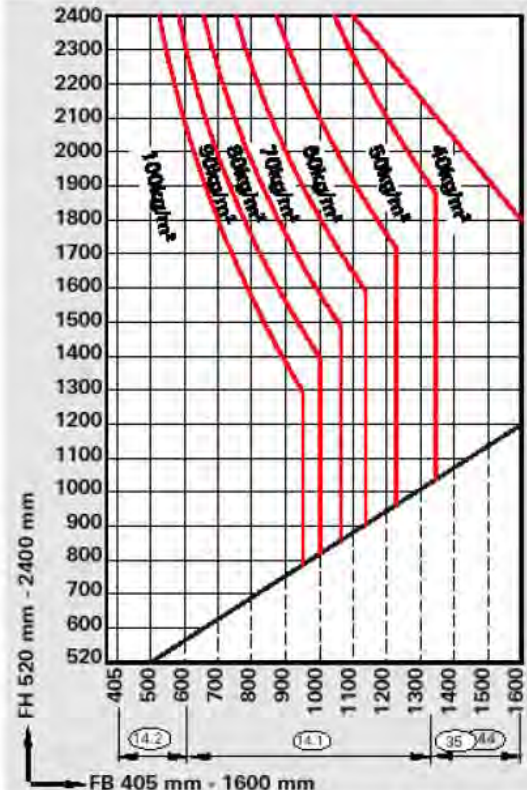
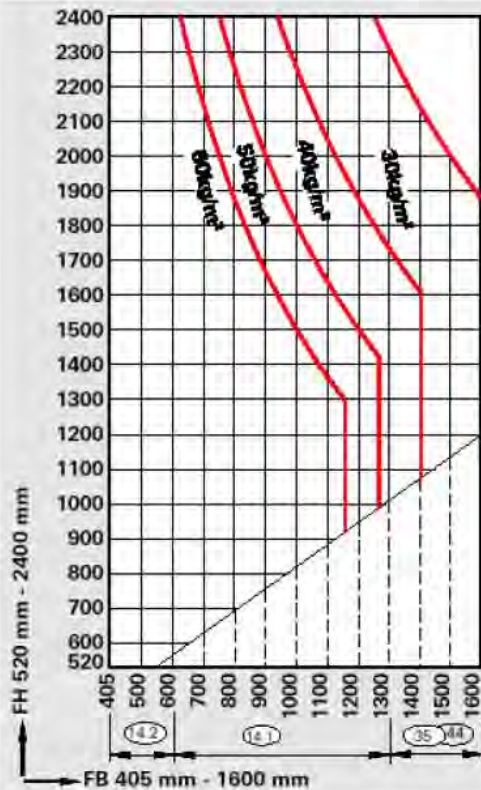
ROTO FRANK

CODE 14A1301 Turn and Tilt Mechanism



CODE 14A1302 Turn and Tilt Mechanism

Width L (mm)	Height H (mm)	Weight (kg)
405 mm - 1600 mm	520 mm - 2400 mm	90 Kg.



Width L (mm)	Height H (mm)	Weight (kg)
405 mm - 1600 mm	520 mm - 2400 mm	130 Kg.



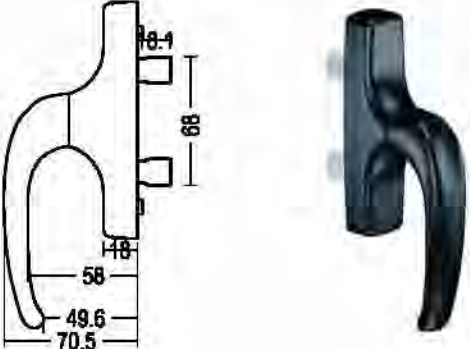
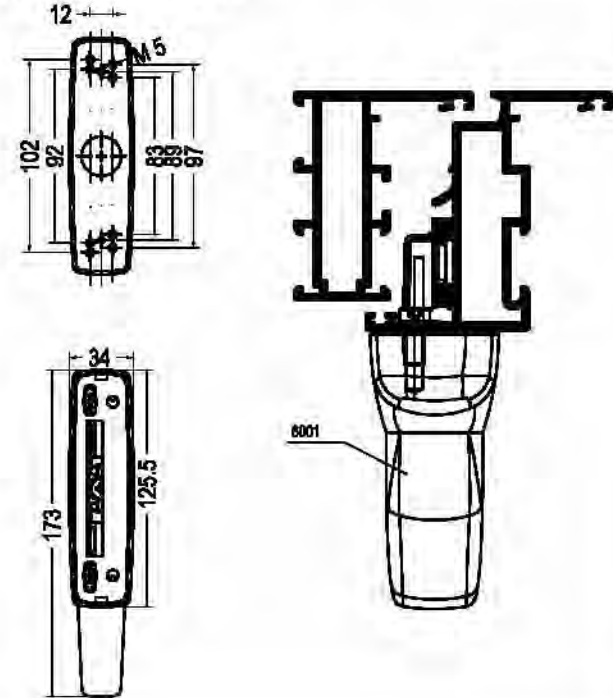
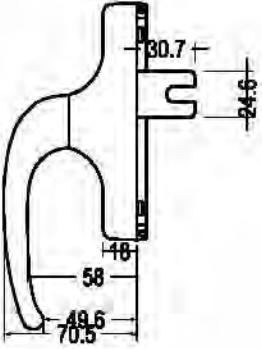
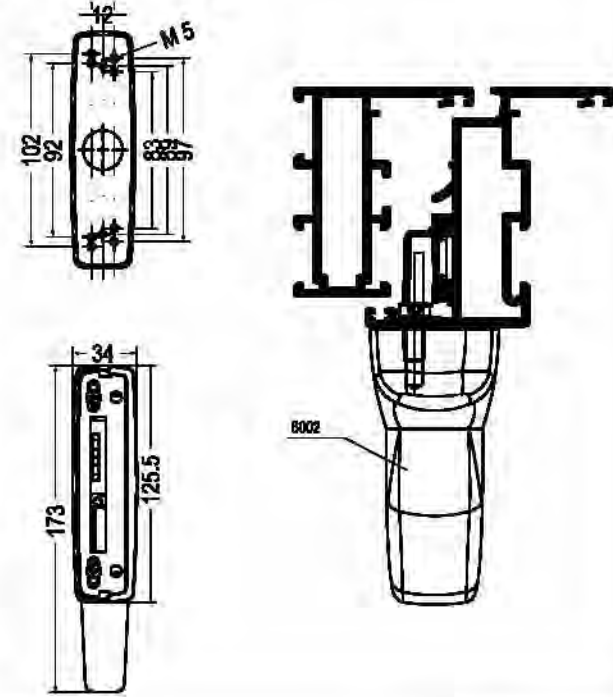


DRAWING / INFORMATION			APPLICATION		
					
<b>CODE</b>	<b>MO 22.02</b>	<b>Window Bolt</b>	<b>CODE</b>	<b>MO 22.01</b>	<b>Window Bolt</b>

HANDLES

DRAWING / INFORMATION		APPLICATION	
 <p style="text-align: right;"><b>ROTO FRANK</b></p>		 <p style="text-align: right;"><b>ROTO FRANK</b></p>	
<b>CODE</b>	<b>14A1101</b>	<b>Window Handle</b>	
<b>CODE</b>	<b>14A1102</b>	<b>Window Handle</b>	
<b>COLOURS</b>	White ( RAL 9018 )	<b>COLOURS</b>	White ( RAL 9018 )
	Black ( RAL 9005 )		Black ( RAL 9005 )
	Anodized silver		Anodized silver
<b>MATERIALS</b>	Die-cast aluminium alloy	<b>MATERIALS</b>	Die-cast aluminium alloy
	Die-cast zinc alloy		Die-cast zinc alloy
	Black nylon		Black nylon

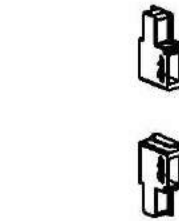
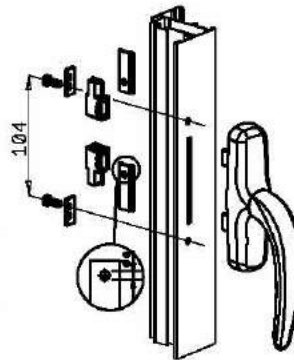
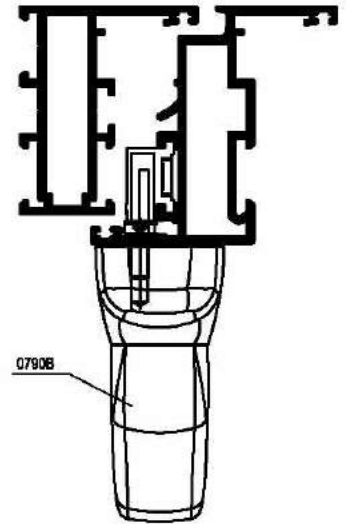
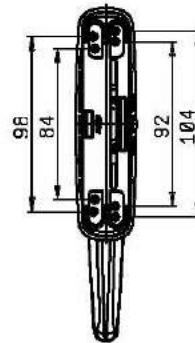
HANDLES

DRAWING / INFORMATION		APPLICATION
		<p>connection dimensions</p> 
CODE	6001	Window Handle
COLOURS	White ( RAL 9016 )	
	Black ( RAL 9005 )	
	Electrostatic painted in RAL colours	
MATERIALS	Die-cast aluminium alloy	
	Die-cast zinc alloy	
	Black nylon	
		<p>connection dimensions</p> 
CODE	6002	Window Handle
COLOURS	White ( RAL 9016 )	
	Black ( RAL 9005 )	
	Electrostatic painted in RAL colours	
MATERIALS	Die-cast aluminium alloy	
	Die-cast zinc alloy	
	Black nylon	

HANDLES

DRAWING / INFORMATION

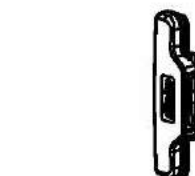
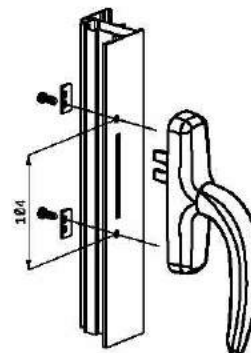
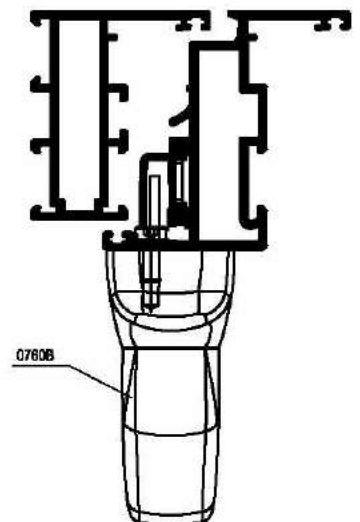
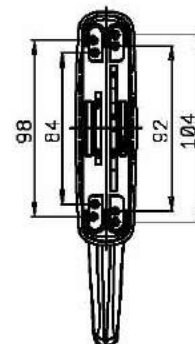
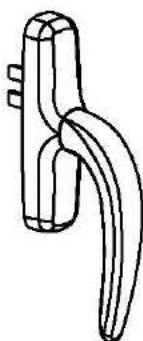
APPLICATION



CODE 0790B Window Handle

COLOURS  
White ( RAL 9016 )  
Black ( RAL 9005 )

MATERIALS  
Die-cast aluminium alloy  
Die-cast zinc alloy  
Black nylon



CODE 0760B Window Handle

COLOURS  
White ( RAL 9016 )  
Black ( RAL 9005 )

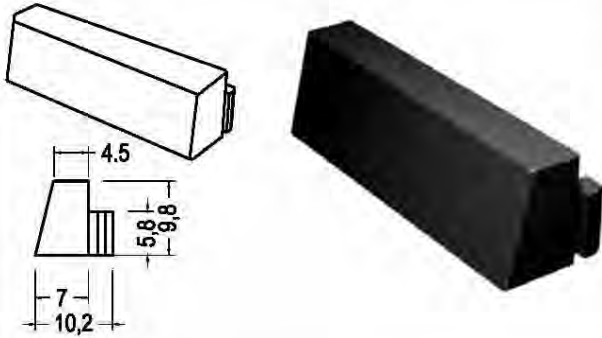
MATERIALS  
Die-cast aluminium alloy  
Die-cast zinc alloy  
Black nylon

DOOR HANDLES

DRAWING / INFORMATION		APPLICATION	
			
CODE	X402	Door Handle	
CODE	AK23	Door Handle	
COLOURS	White ( RAL 9016 ) Black ( RAL 9005 )	COLOURS	White ( RAL 9016 ) , Black ( RAL 9005 ) Electrostatic painted in RAL colours , Anodized silver
			
CODE	X103	Door Handle	
CODE	AK20	Door Handle	
COLOURS	White ( RAL 9016 ) Black ( RAL 9005 )	COLOURS	White ( RAL 9016 ) , Black ( RAL 9005 ) Electrostatic painted in RAL colours , Anodized silver
			
CODE	DH605	Door Handle	
CODE	AK21	Door Handle	
COLOURS	White ( RAL 9016 ) Black ( RAL 9005 )	COLOURS	White ( RAL 9016 ) , Black ( RAL 9005 ) Electrostatic painted in RAL colours , Anodized silver

COVERS

DRAWING / INFORMATION

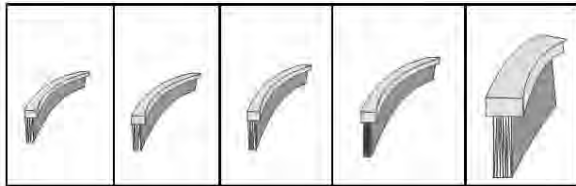
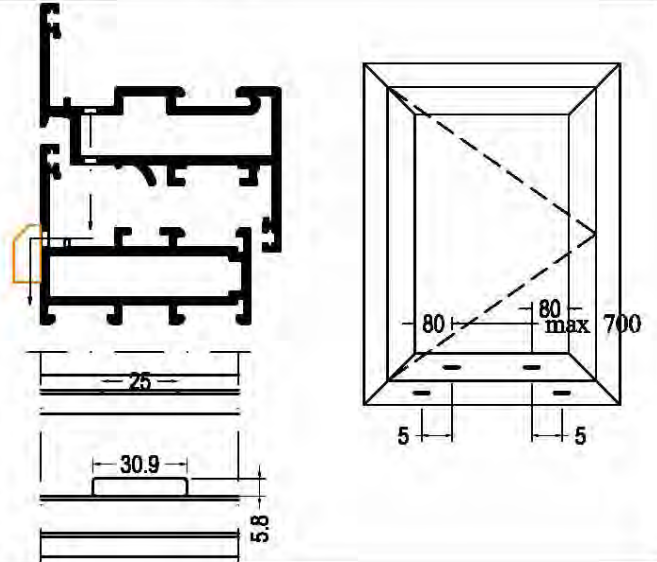


CODE 08000-03 Drainage Cover

COLOURS Black , White

MATERIALS Black nylon

APPLICATION

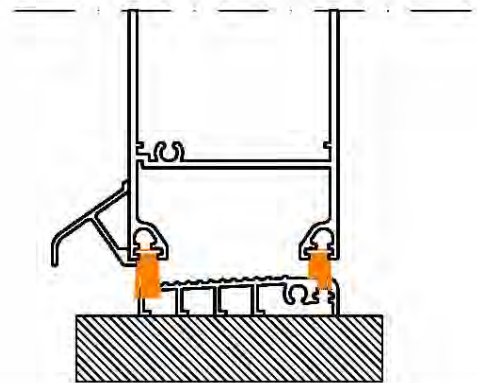


PB - 6 PB - 7 PB - 8 PB - 10 PB - 13

CODE Brush

COLOURS Grey

MATERIALS Black nylon




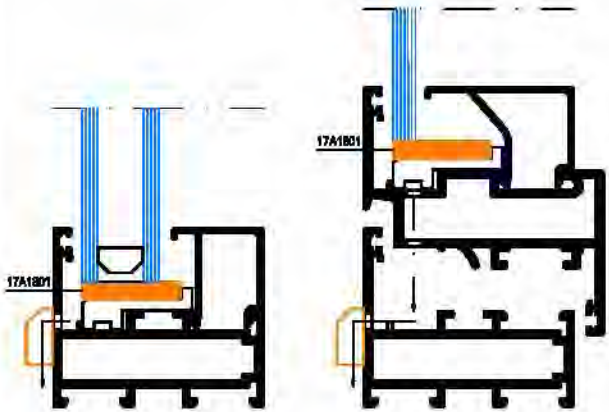
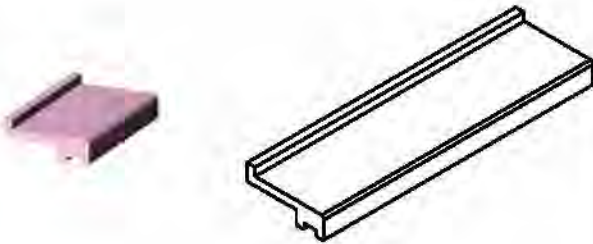
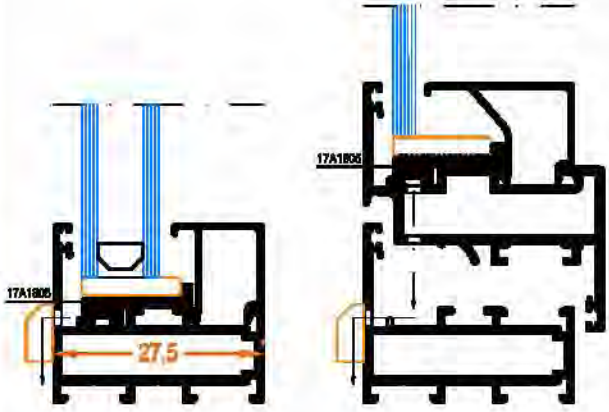
CODE TOP BOTTOM Face Cup

APPLICATION PROFILES

COLOURS Black - White

MATERIALS Black nylon

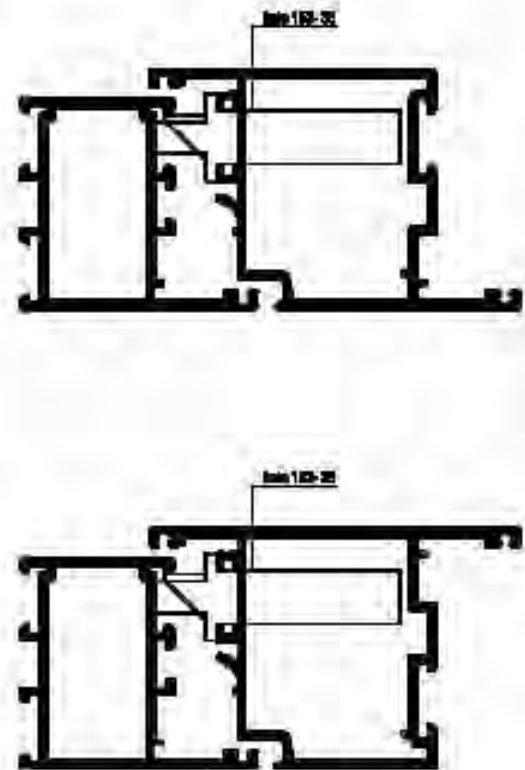
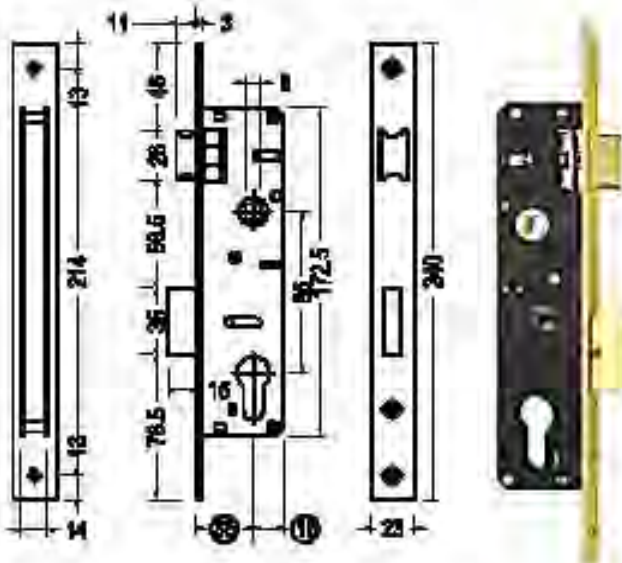
WEDGES

DRAWING / INFORMATION		APPLICATION	
			
CODE	17A1801		Wedges
DIMENSIONS	5 mm X 30 mm X 100 mm		
COLOURS	Black		
MATERIALS	Polyamide		
			
CODE	17A1805		Wedges ( frame + vent )
DIMENSIONS	8 mm X 28.75 mm X 100 mm		
COLOURS	Black		
MATERIALS	Polyamide		

MORTISE LOCKS

DRAWING / INFORMATION

APPLICATION



TYPE	B
163.35	36

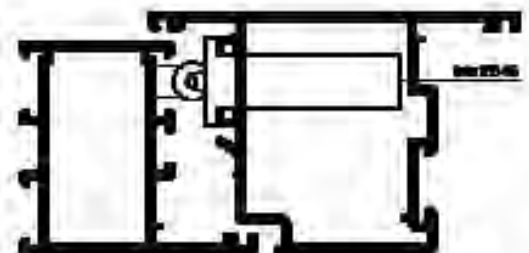
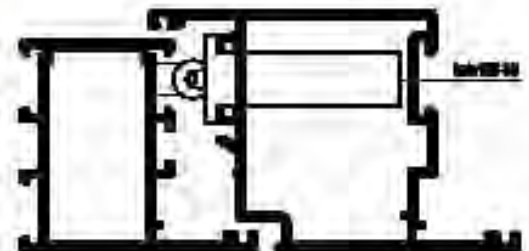
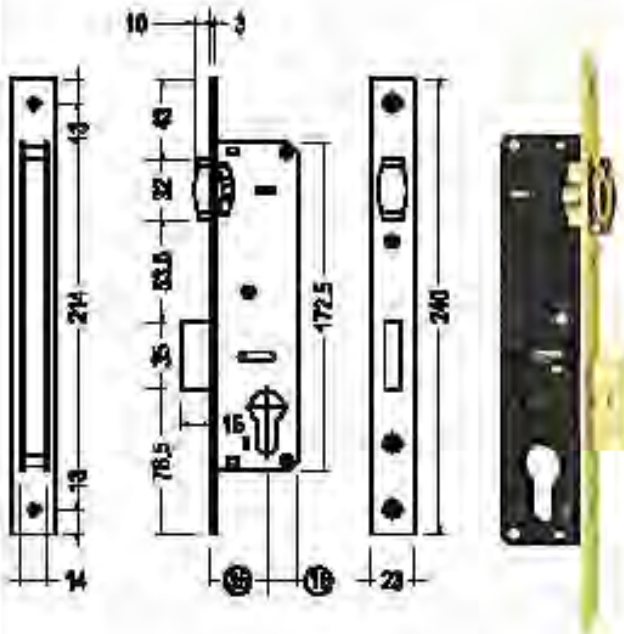
CODE	153.35	Mortise Lock
CYLINDER	DOMUS 16089K	
UNIT WEIGHT	690 gr	
MATERIALS	Case : Steel , Electrostatic black powder painted	
	Deadbolt : Zinc alloy	
	Linch : MS 58 Brass	



MORTISE LOCKS

DRAWING / INFORMATION

APPLICATION



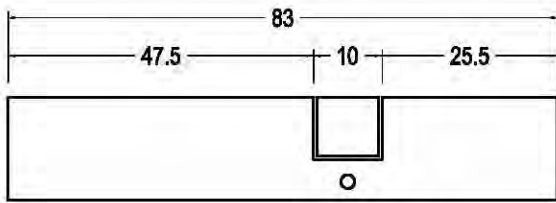
TYPE	B
155 36	36

CODE 155 35 Mortise Lock

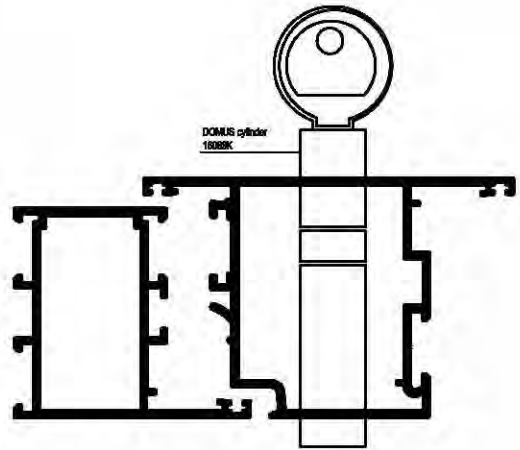
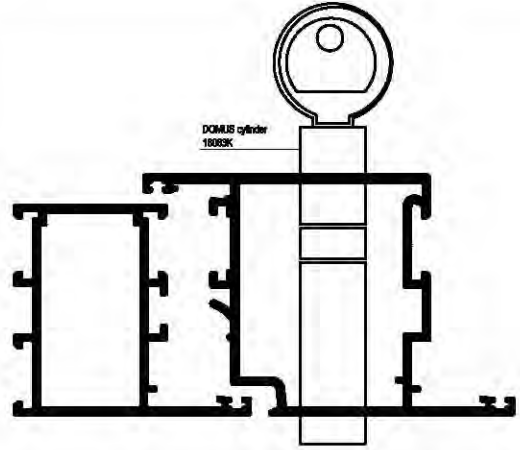
CYLINDER	DOMUS 16053K
UNIT WEIGHT	830 gr
MATERIALS	Case : Steel , Electrostatic black powder painted
	Deadbolt : Zinc alloy
	Latch : MS 36 Brass

MORTISE LOCKS

DRAWING / INFORMATION



APPLICATION

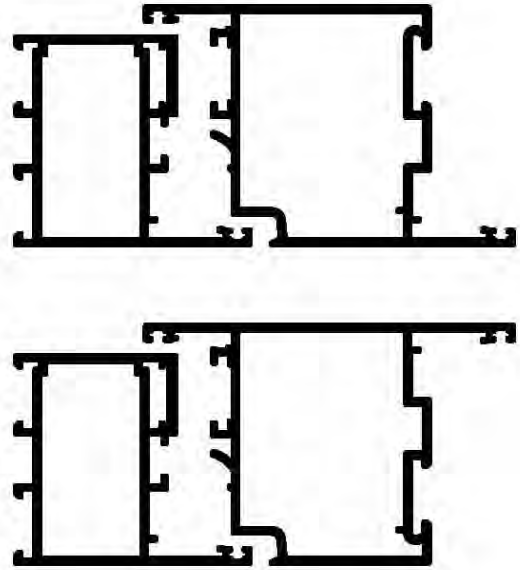
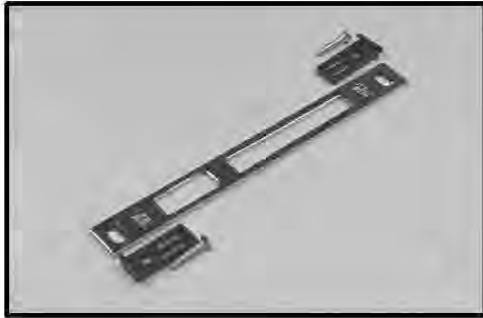


CODE	DOMUS 16083K	Cylinder
MATERIALS	Lenght 83 mm Nickel	

MORTISE LOCKS

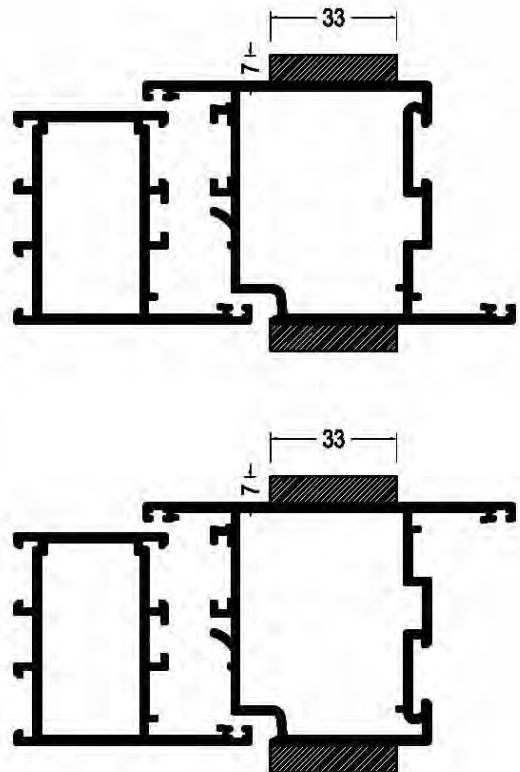
DRAWING / INFORMATION

APPLICATION



CODE AA 03205 Striking Plate

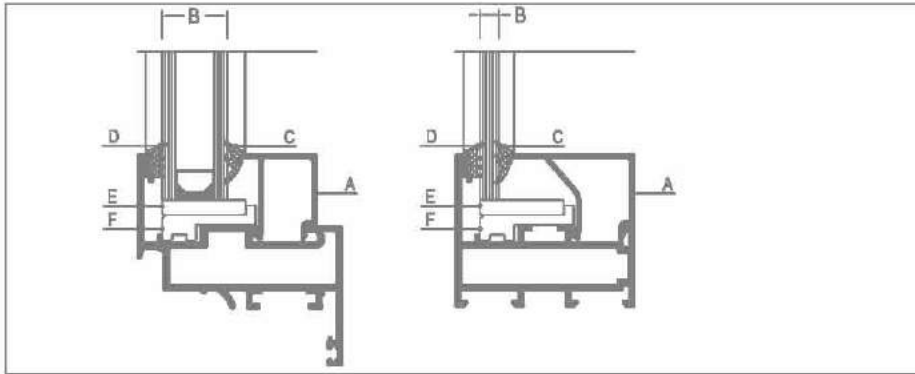
MATERIALS Chomized steel , 206.5 mm lenght  
Black nylon bush

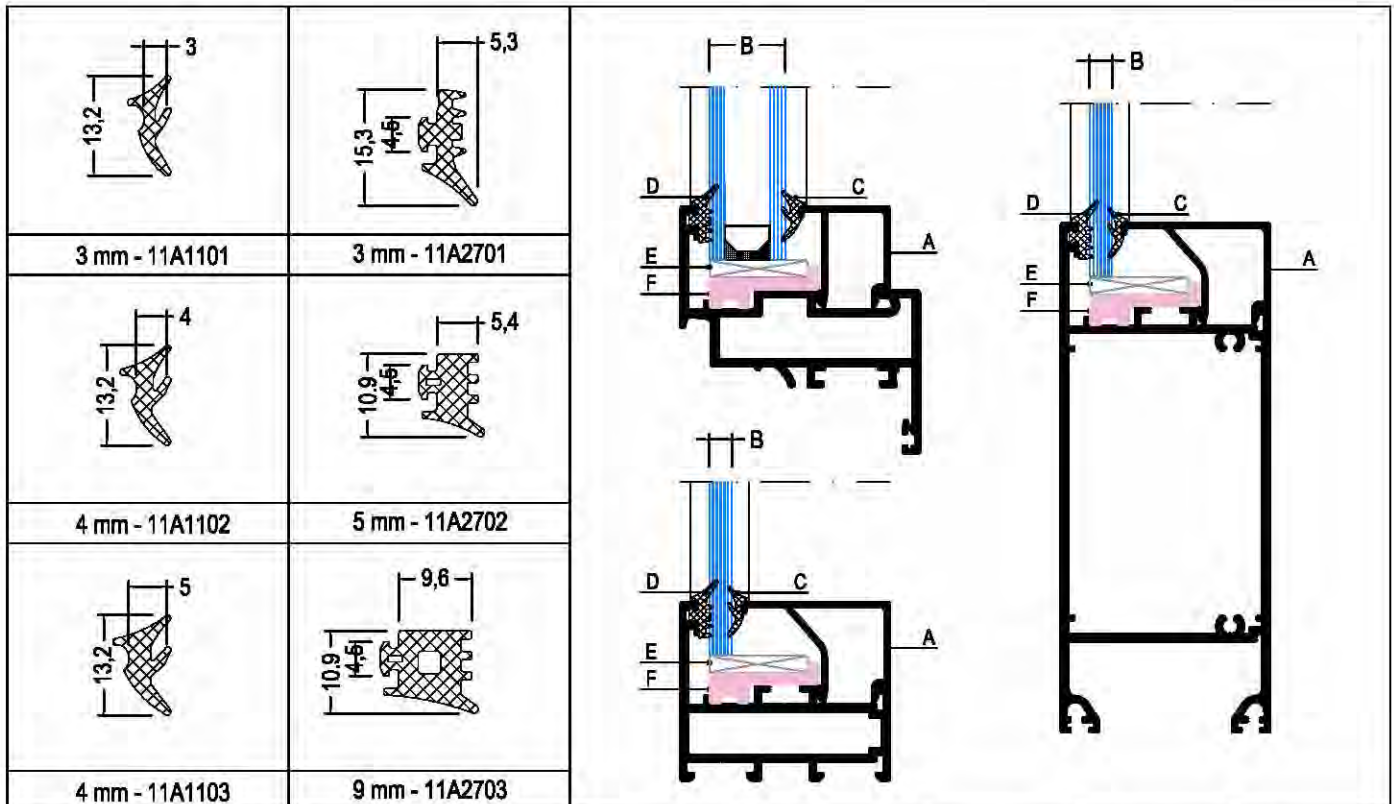


CODE

DRAWING / INFORMATION		APPLICATION	
			
CODE	GEZE TS 1000	CODE	2215 Bolt

## d - TABLE

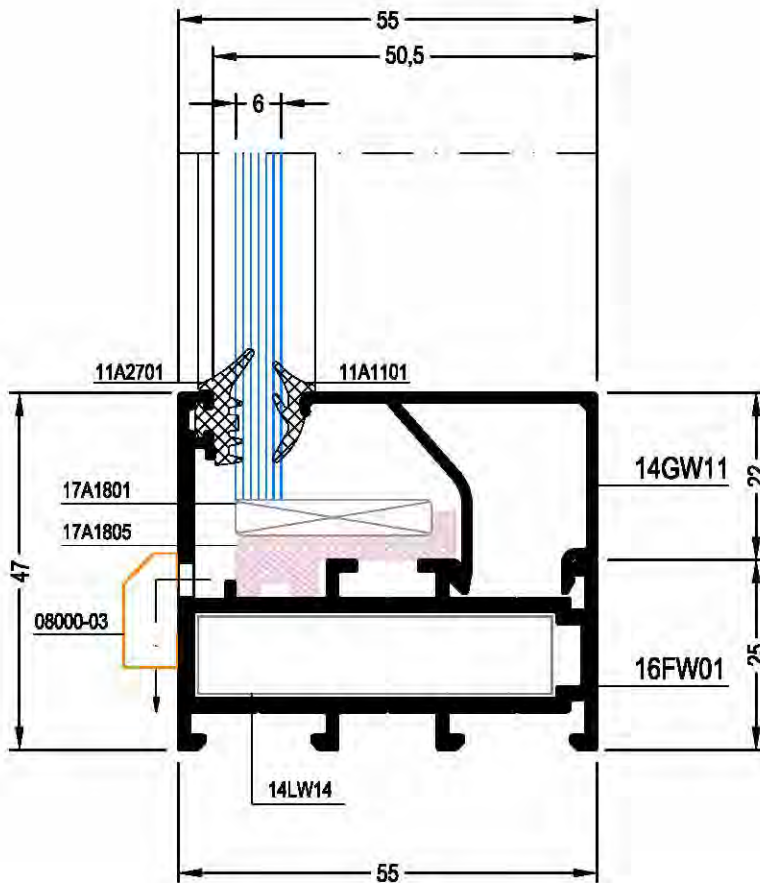
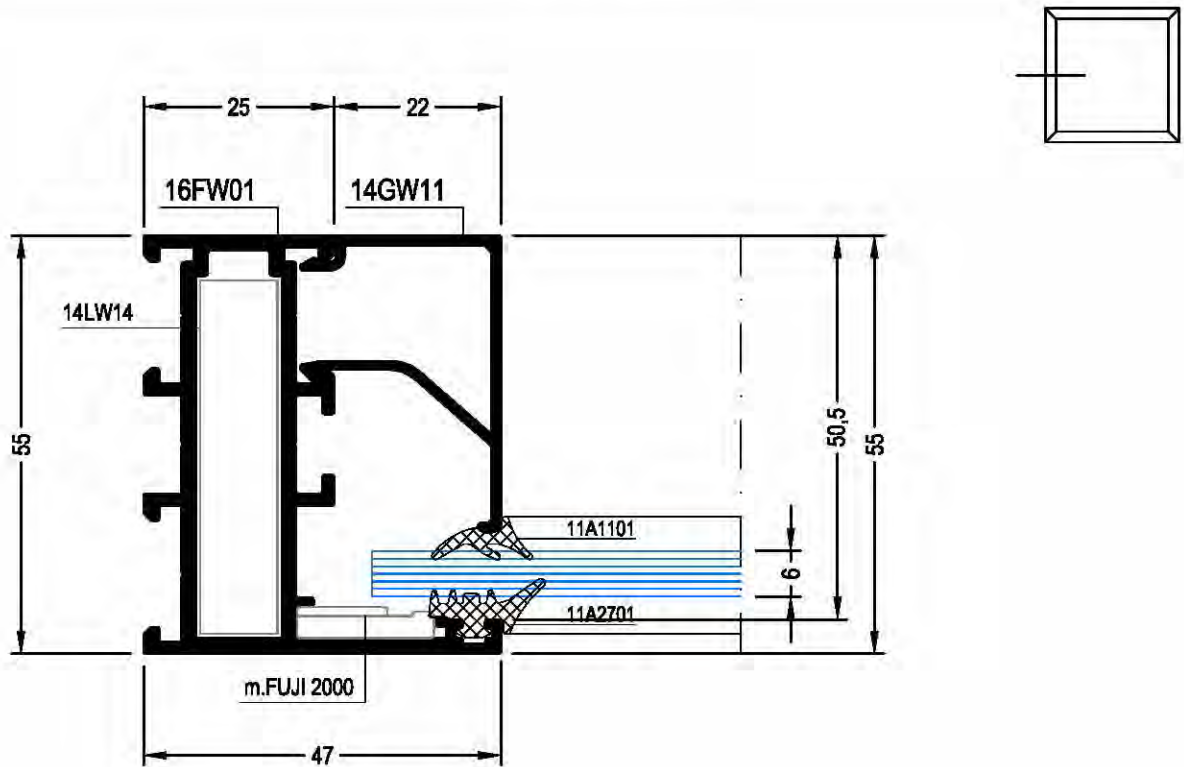




A GLAZING BEAD	B GLAZING THICKNESS	C GLAZING GASKET INSIDE	D GLAZING GASKET OUTSIDE	E WEDGES	F WEDGES	G WEDGES
14GW11	4 mm	11A1103	11A2701	17A1801	17A1805	---
14GW11	5 mm	11A1102	11A2701	17A1801	17A1805	---
14GW11	6 mm	11A1101	11A2701	17A1801	17A1805	---
14GW10	8 mm	11A1102	11A2701	17A1801	17A1805	---
14GW09	10 mm	11A1103	11A2701	17A1801	17A1805	---
14GW09	12 mm	11A1101	11A2701	17A1801	17A1805	---
14GW19	16 mm	11A1101	11A2701	17A1801	17A1805	---
14GW19	17 mm	11A1101	11A2701	17A1801	17A1805	---
14GW06	20 mm	11A1102	11A2701	17A1801	17A1805	---
14GW05	22 mm	11A1103	11A2701	17A1801	17A1805	---
14GW05	24 mm	11A1101	11A2701	17A1801	17A1805	---
14GW04	26 mm	11A1102	11A2701	17A1801	17A1805	---
14GW03	28 mm	11A1103	11A2701	17A1801	17A1805	---
14GW03	30 mm	11A1101	11A2701	17A1801	17A1805	---
14GW02	32 mm	11A1102	11A2701	17A1801	17A1805	---
14GW01	34 mm	11A1103	11A2701	17A1801	17A1805	---

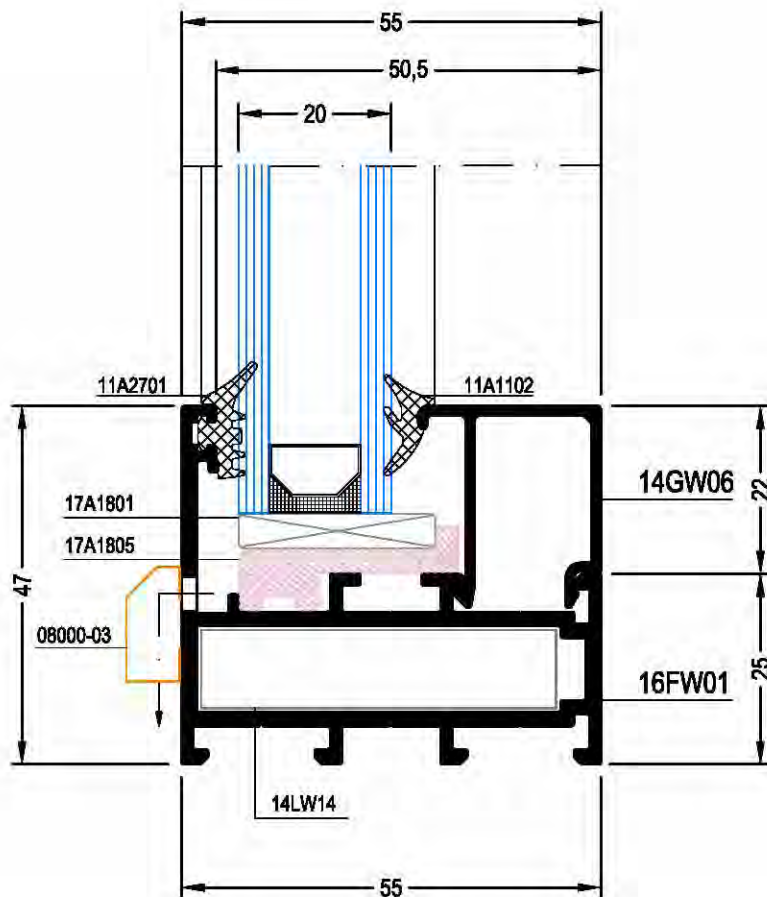
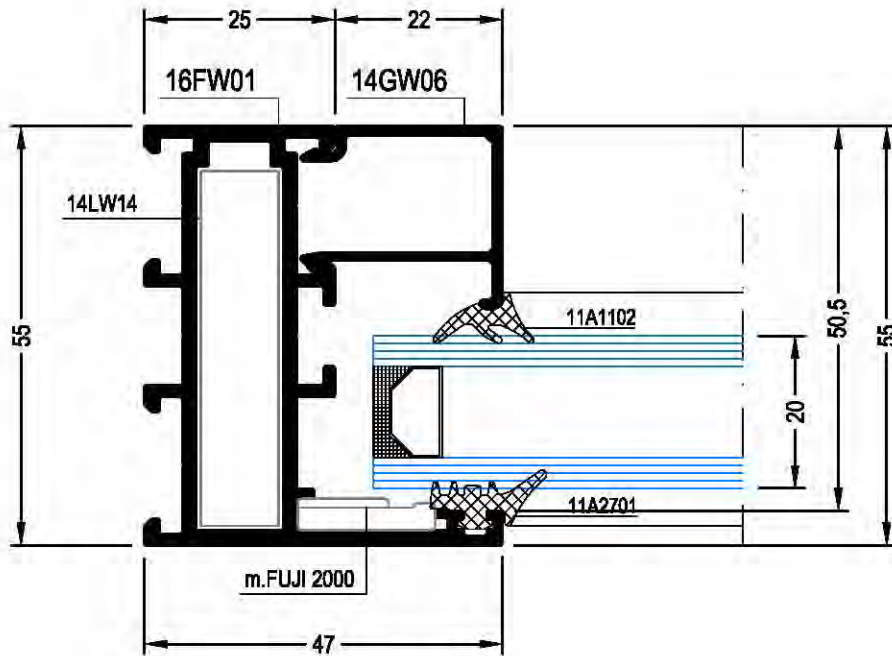
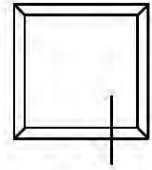


TURNING WINDOW

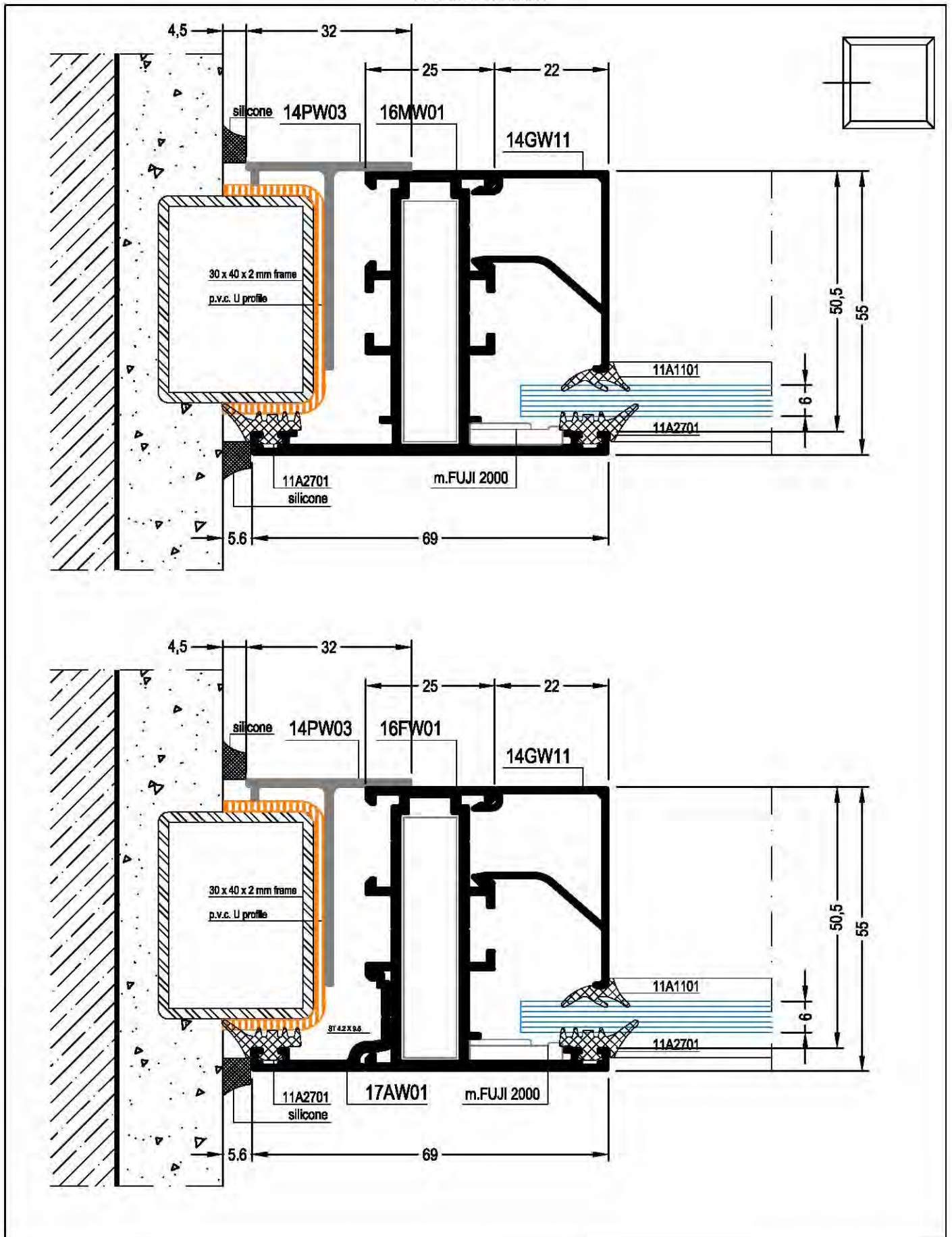




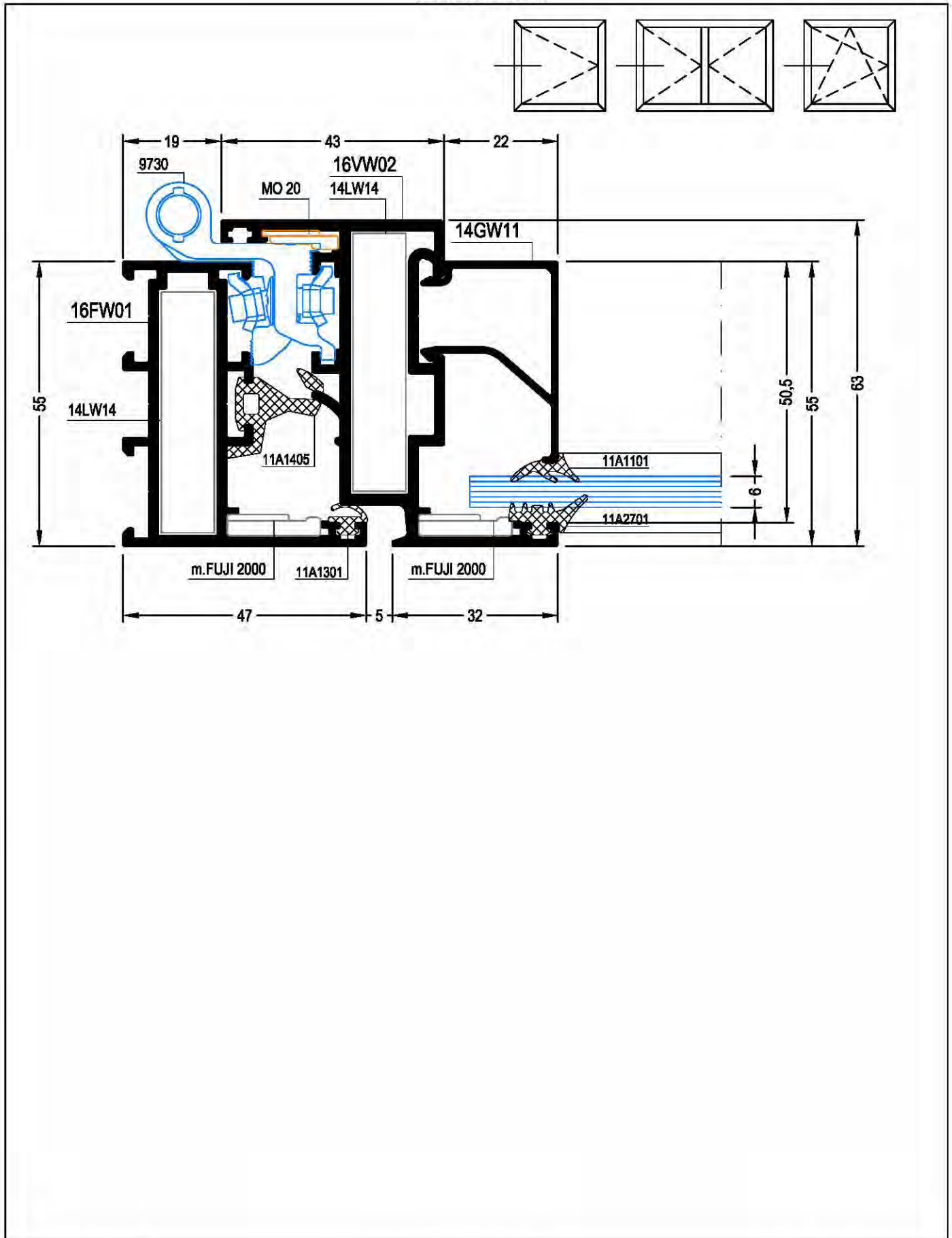
TURNING WINDOW



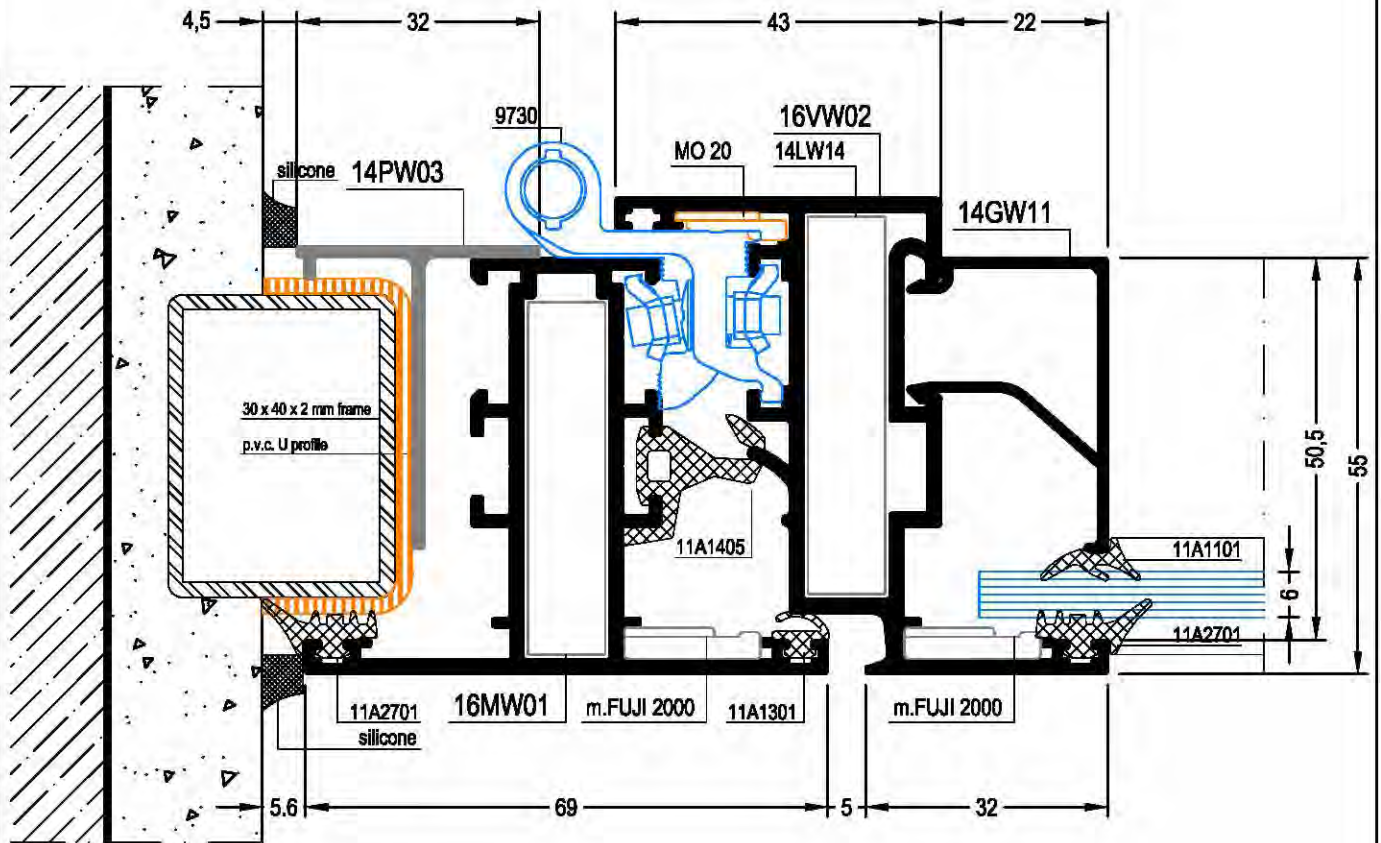
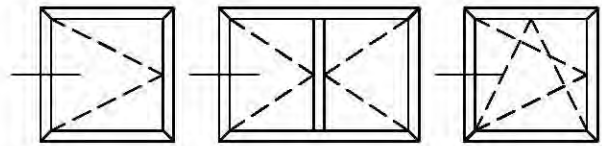
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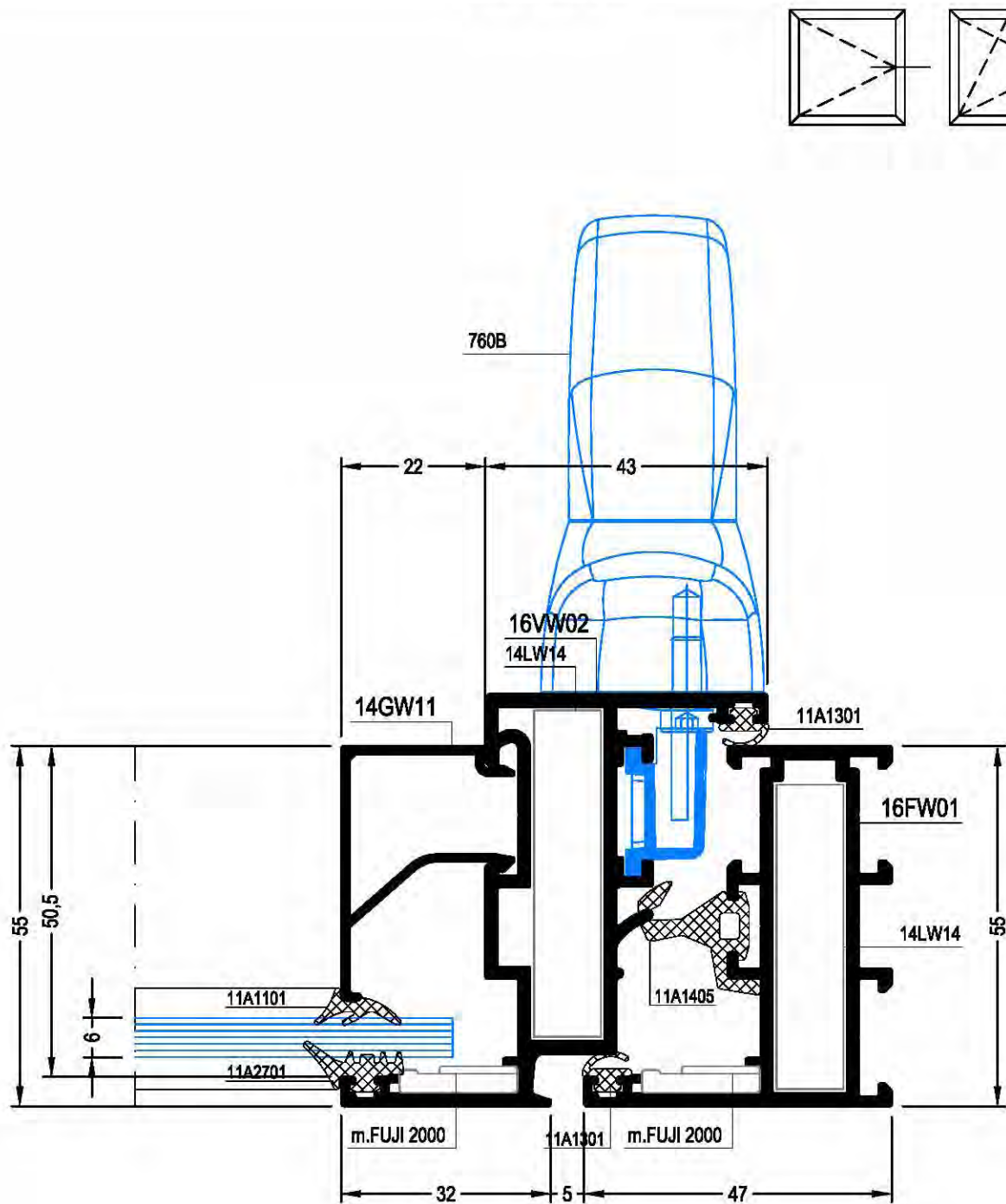
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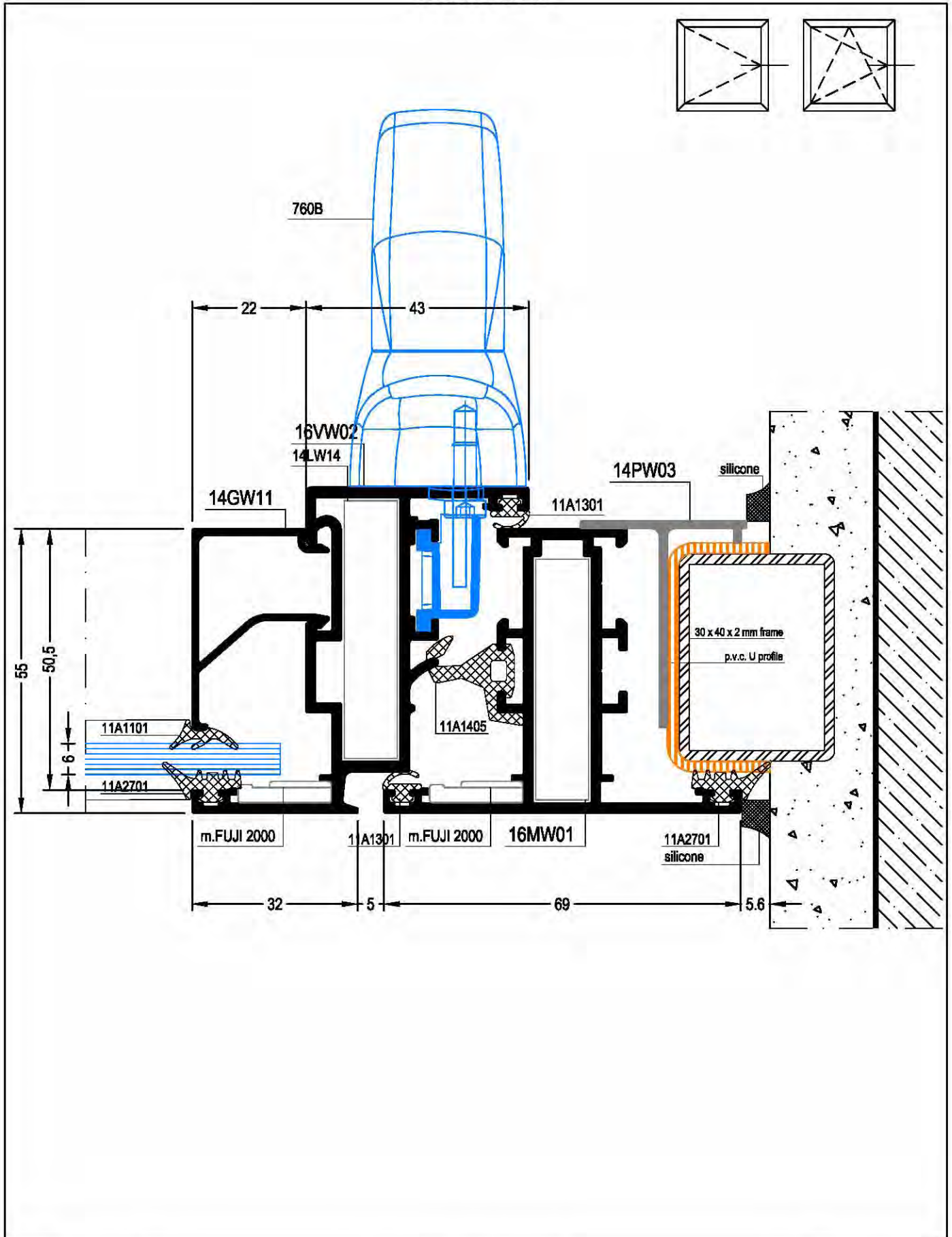
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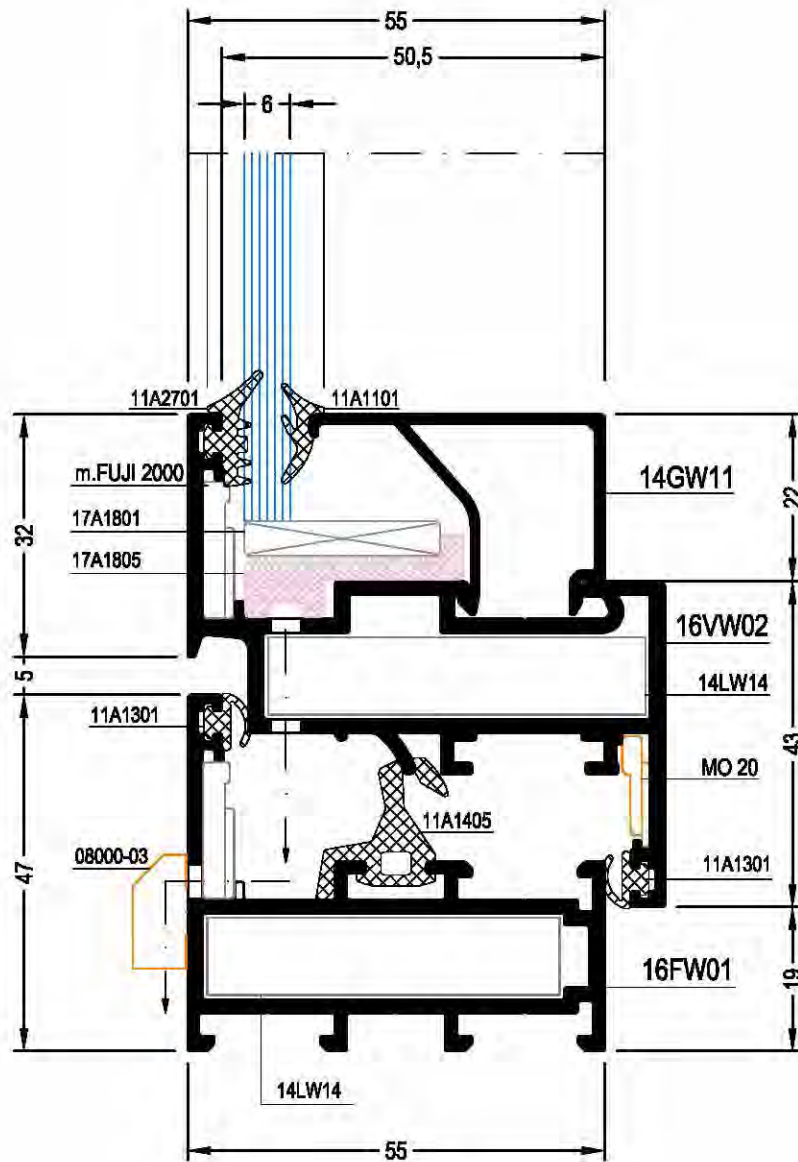
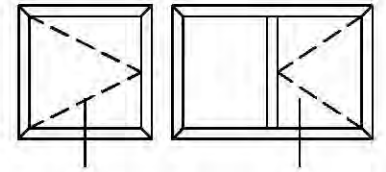
TURNING WINDOW



TURNING WINDOW



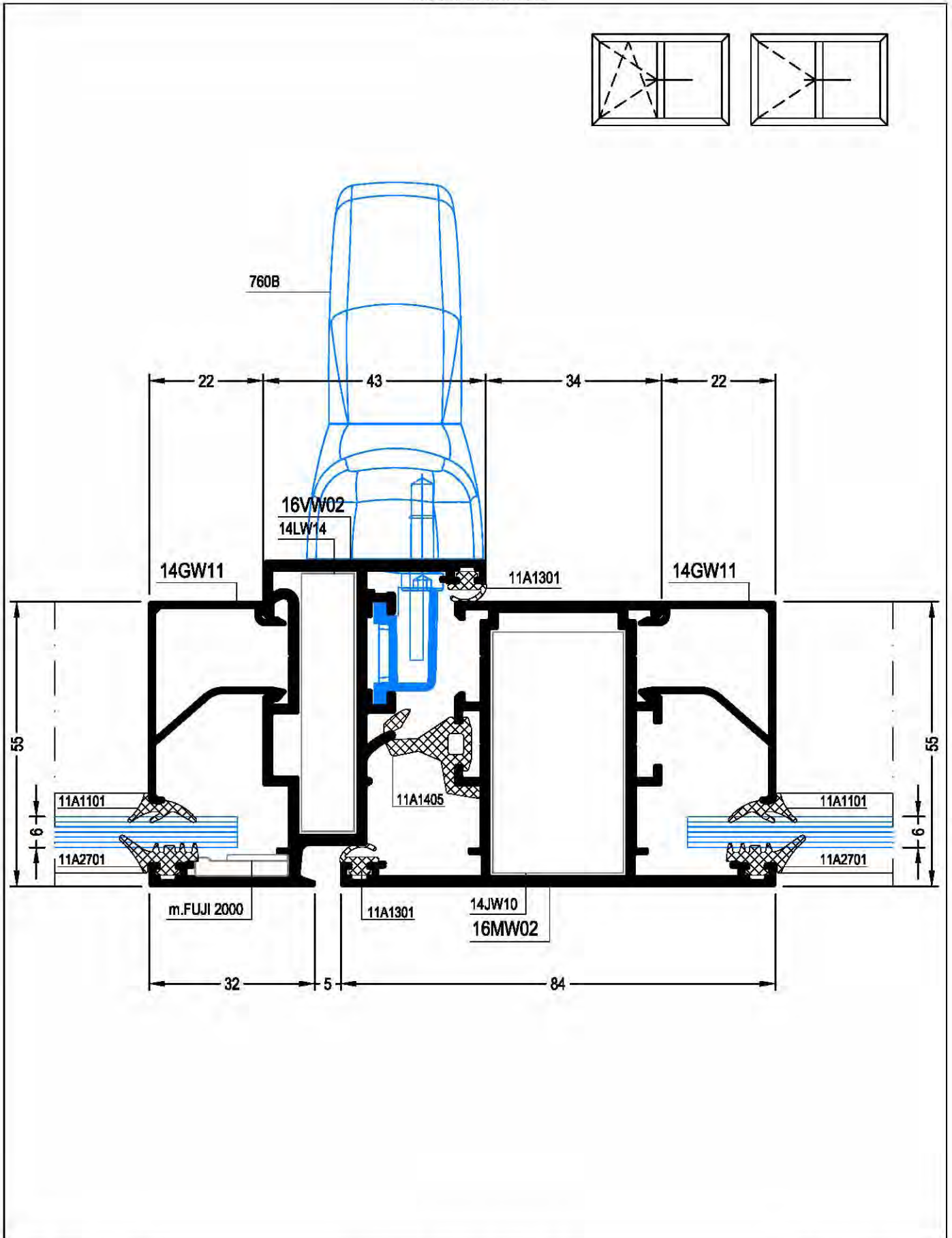
TURNING WINDOW



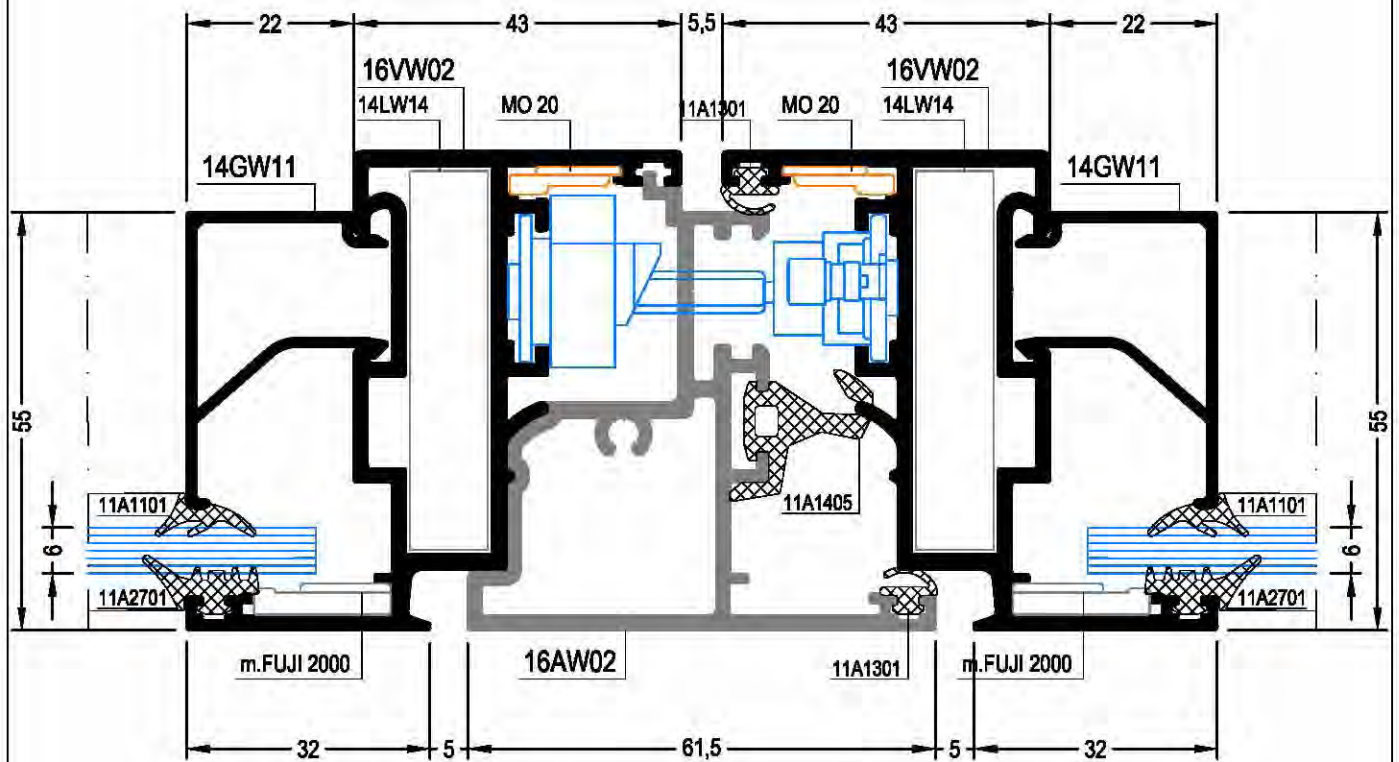
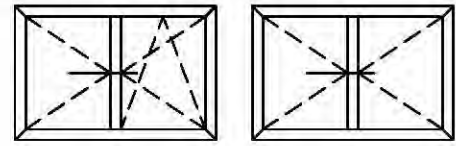




TURNING WINDOW

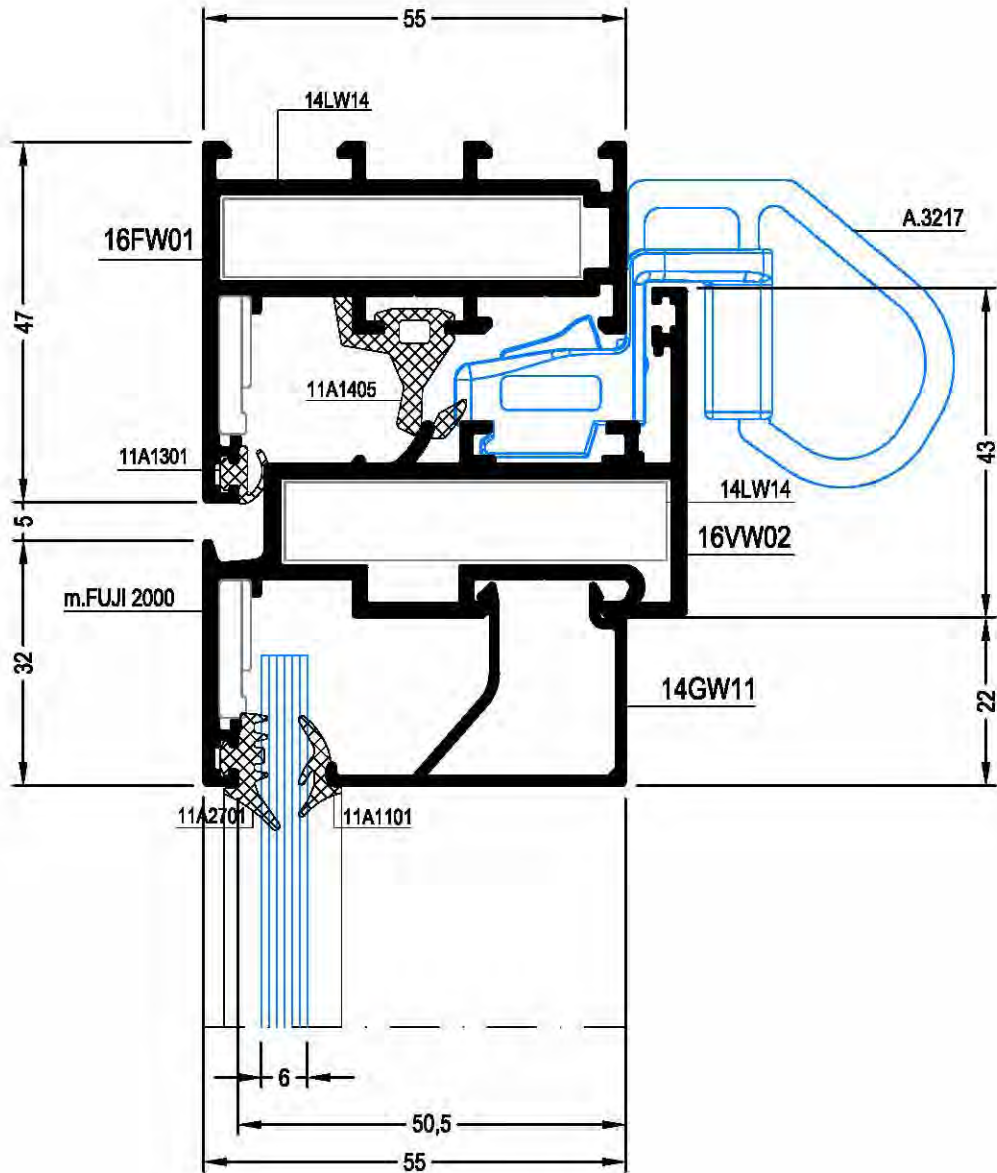
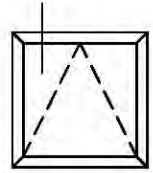


TURNING WINDOW

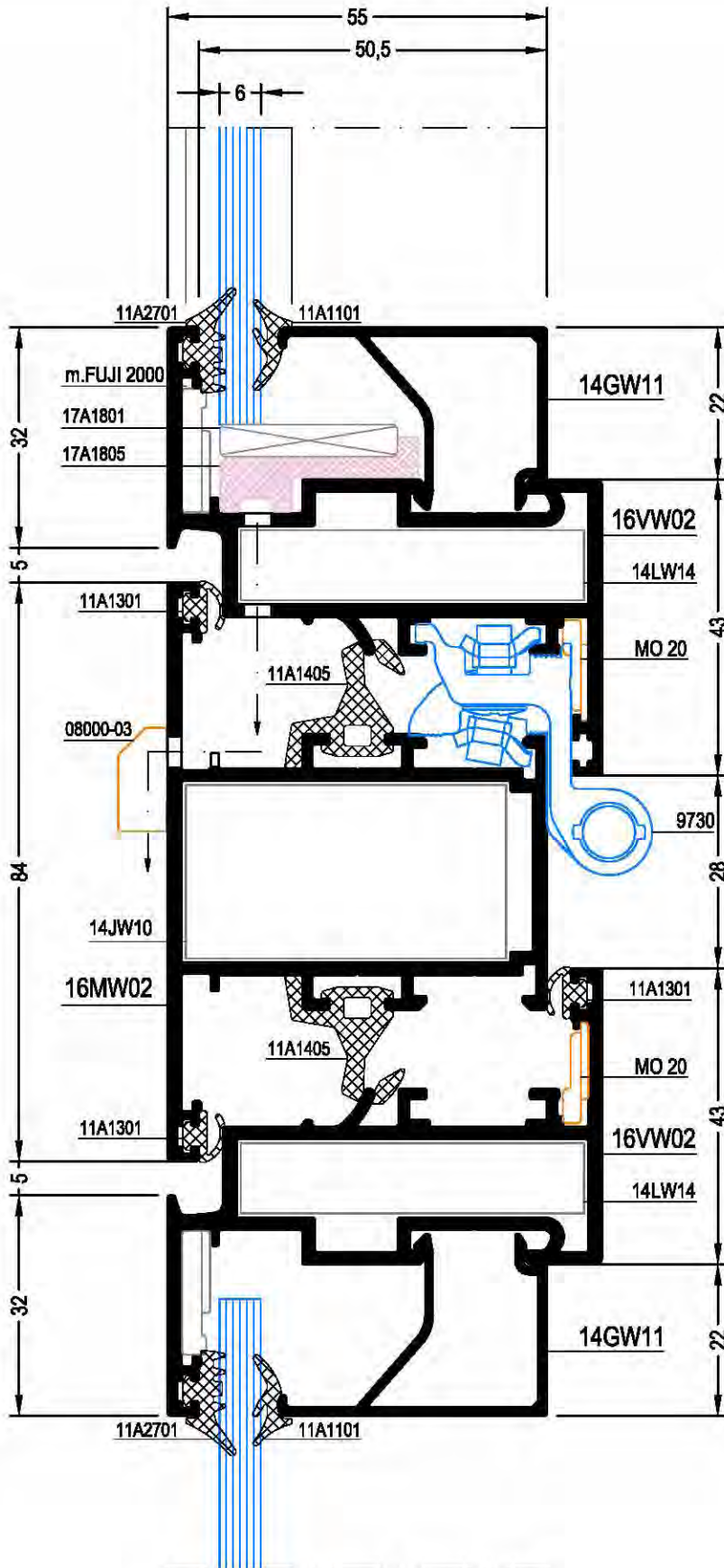




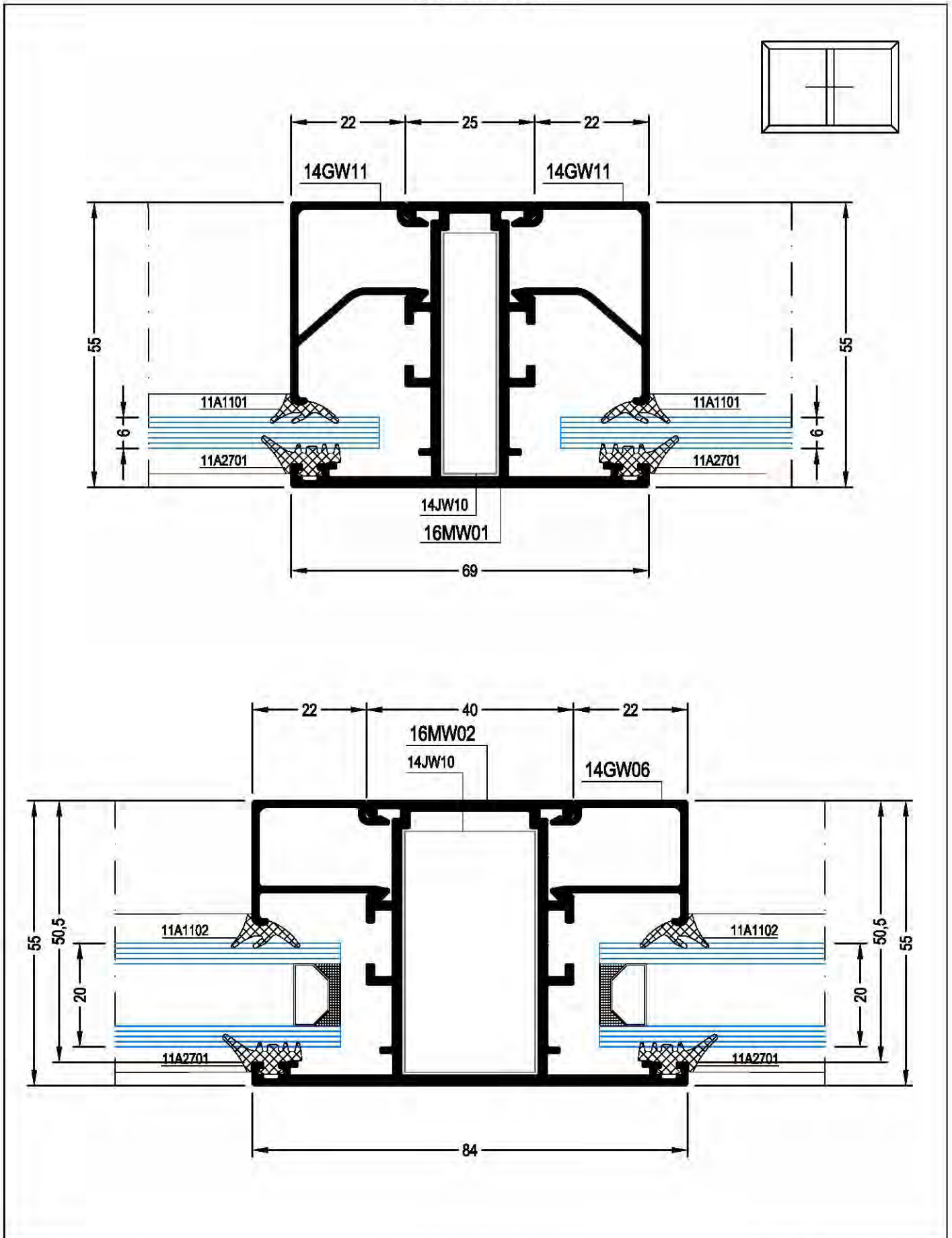
TURNING WINDOW



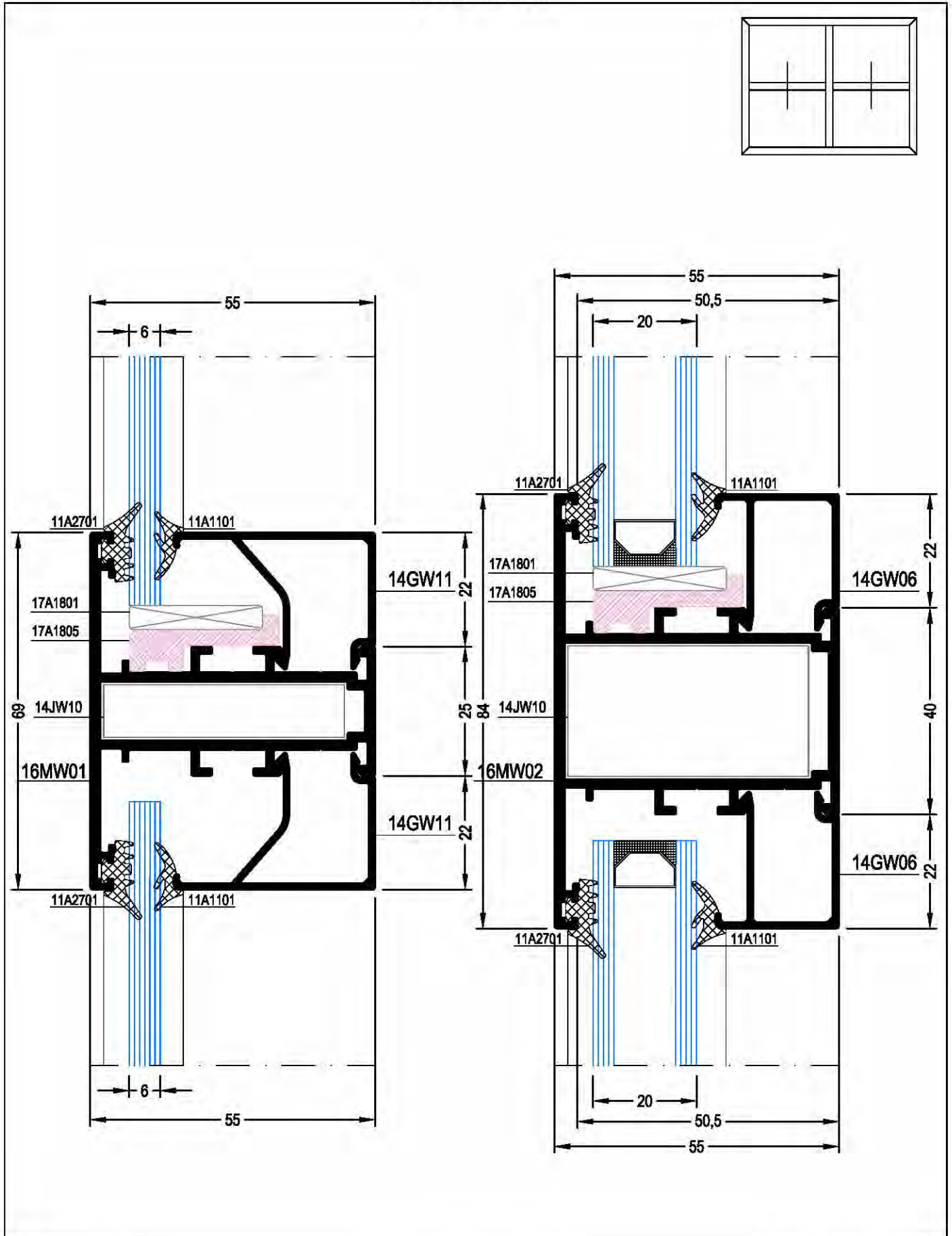
TURNING WINDOW



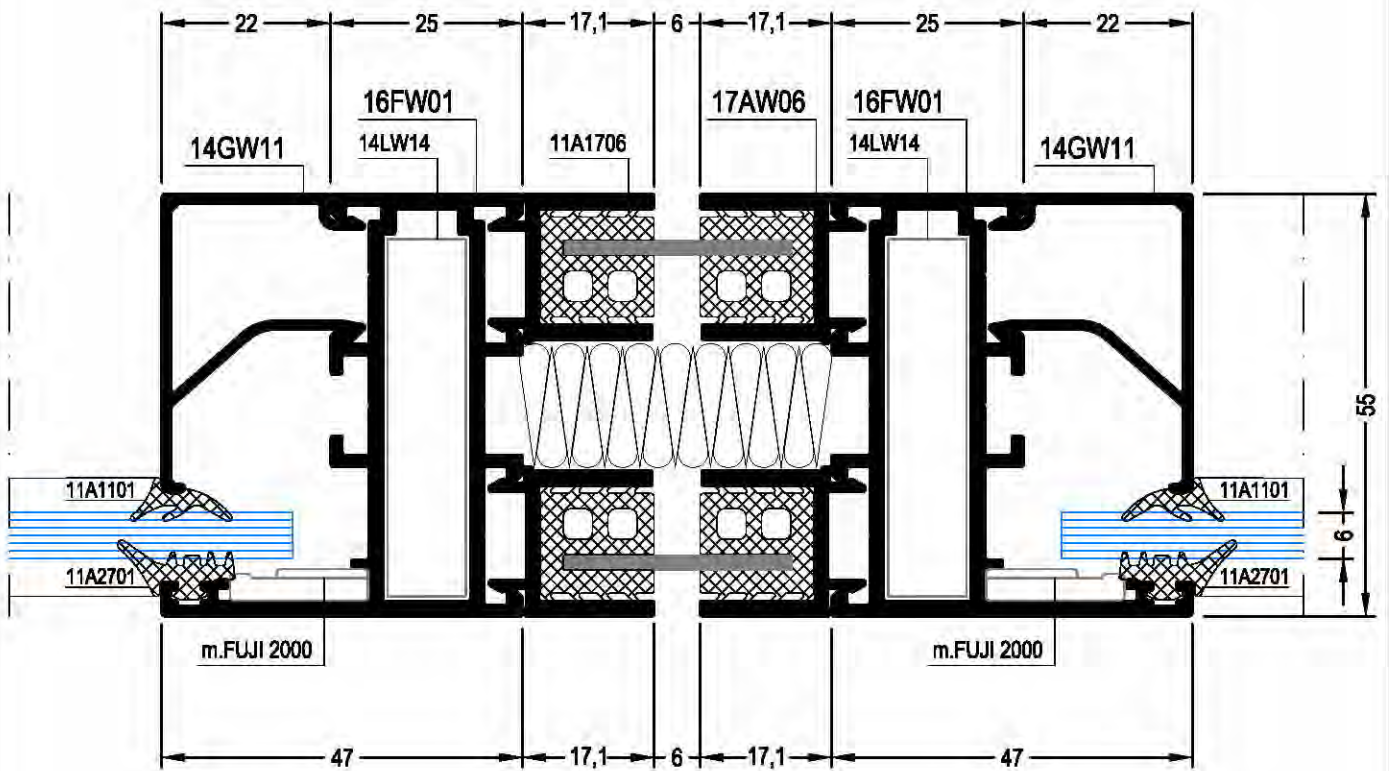
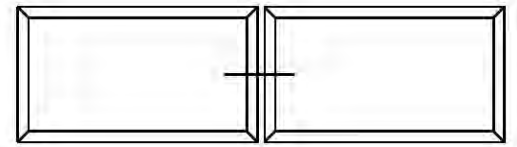
TURNING WINDOW



TURNING WINDOW

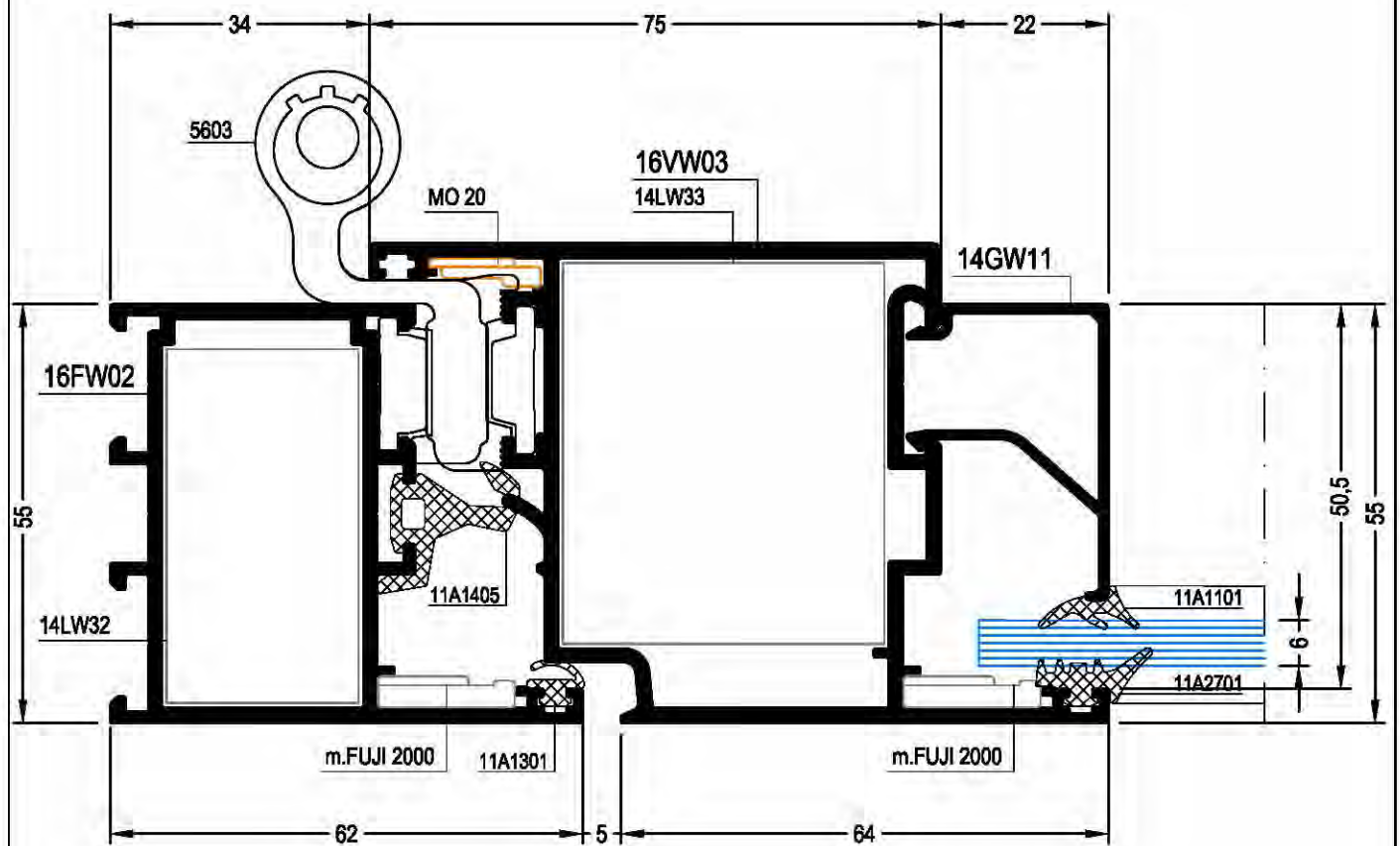
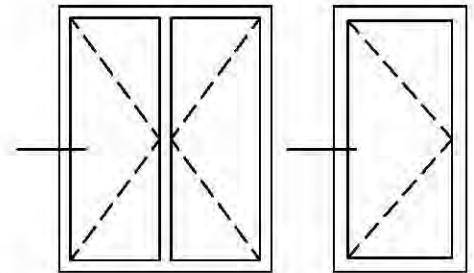


TURNING WINDOW

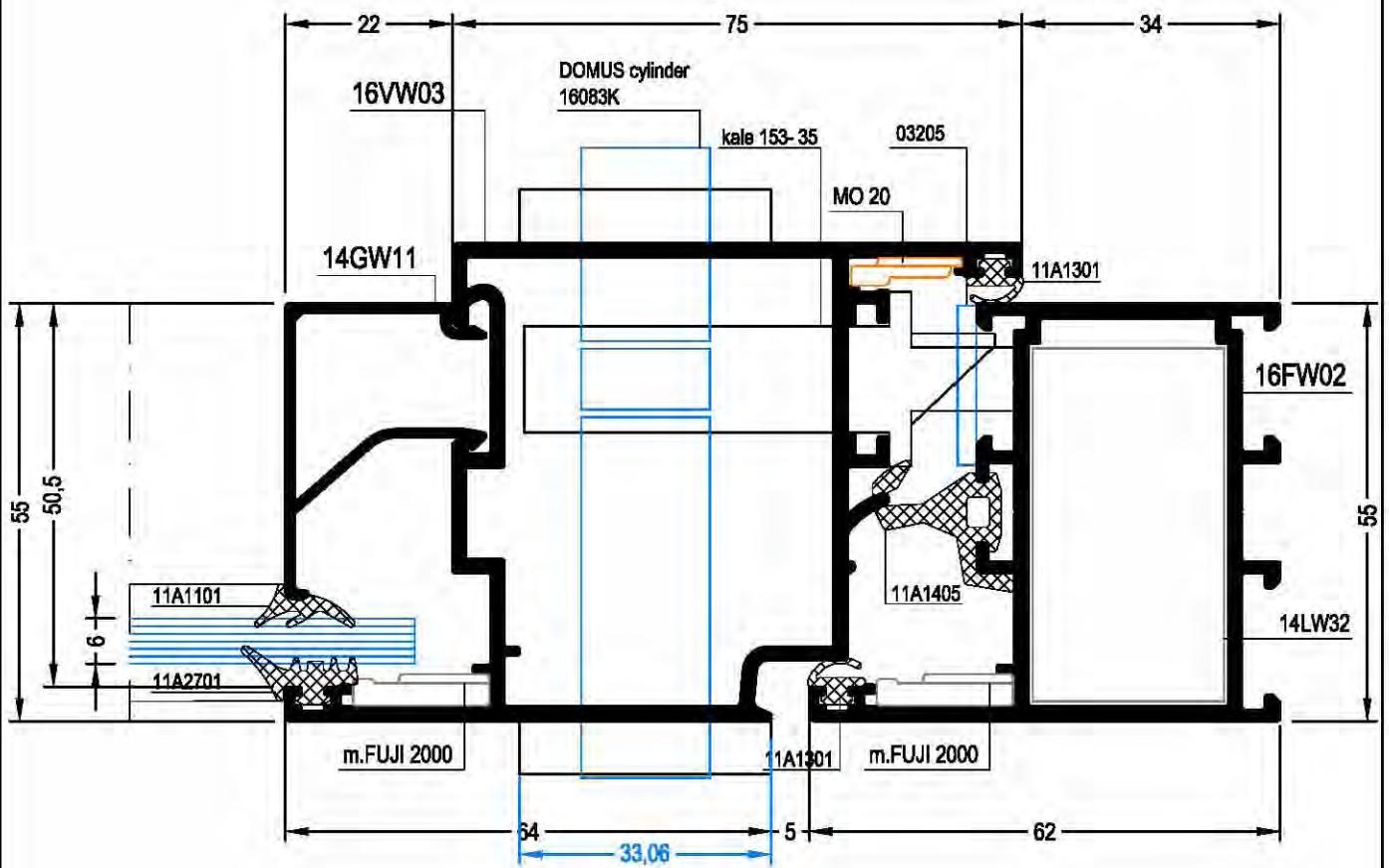
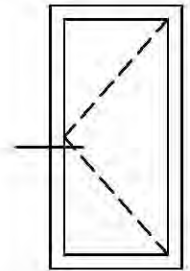




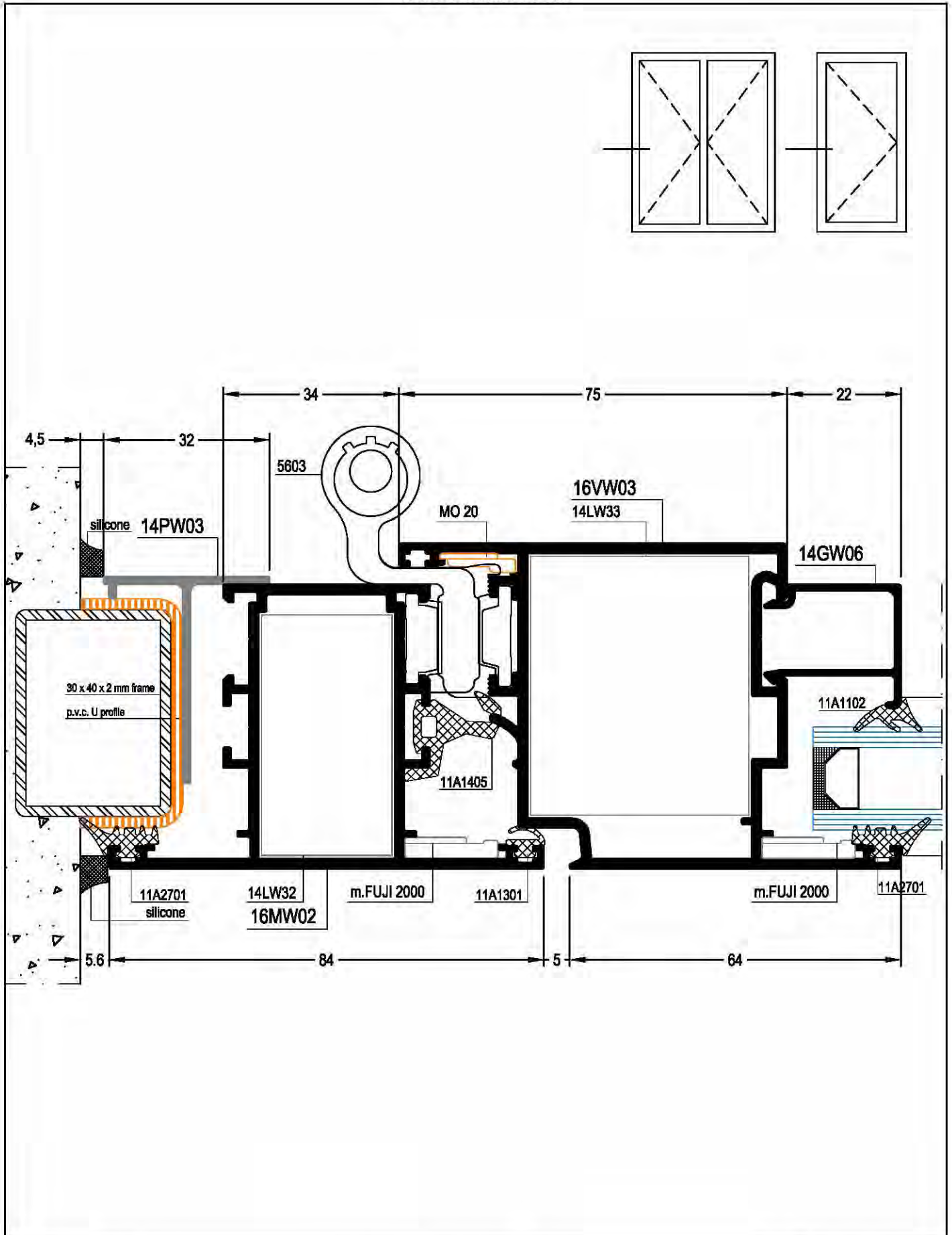
INSIDE OPENING DOOR



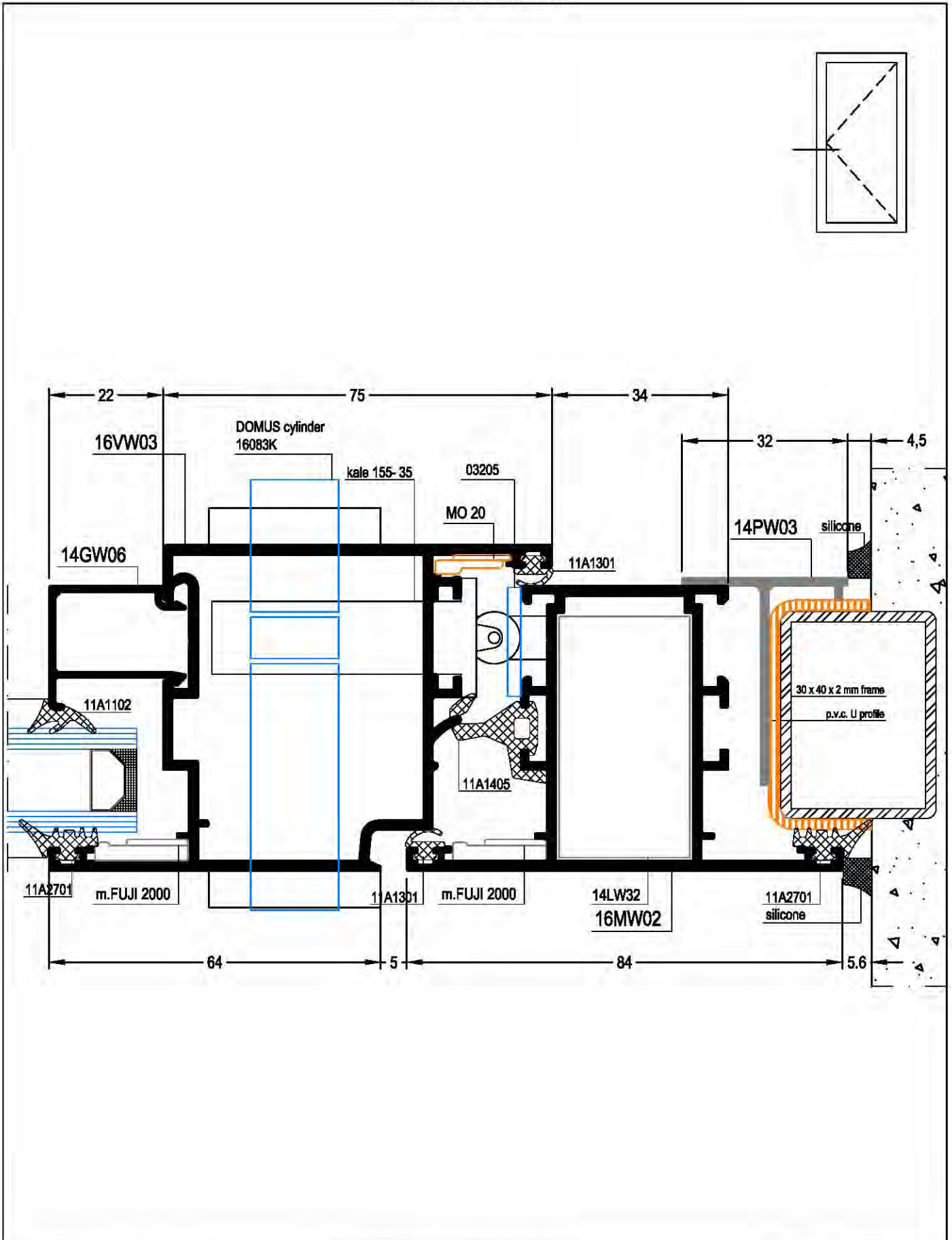
INSIDE OPENING DOOR



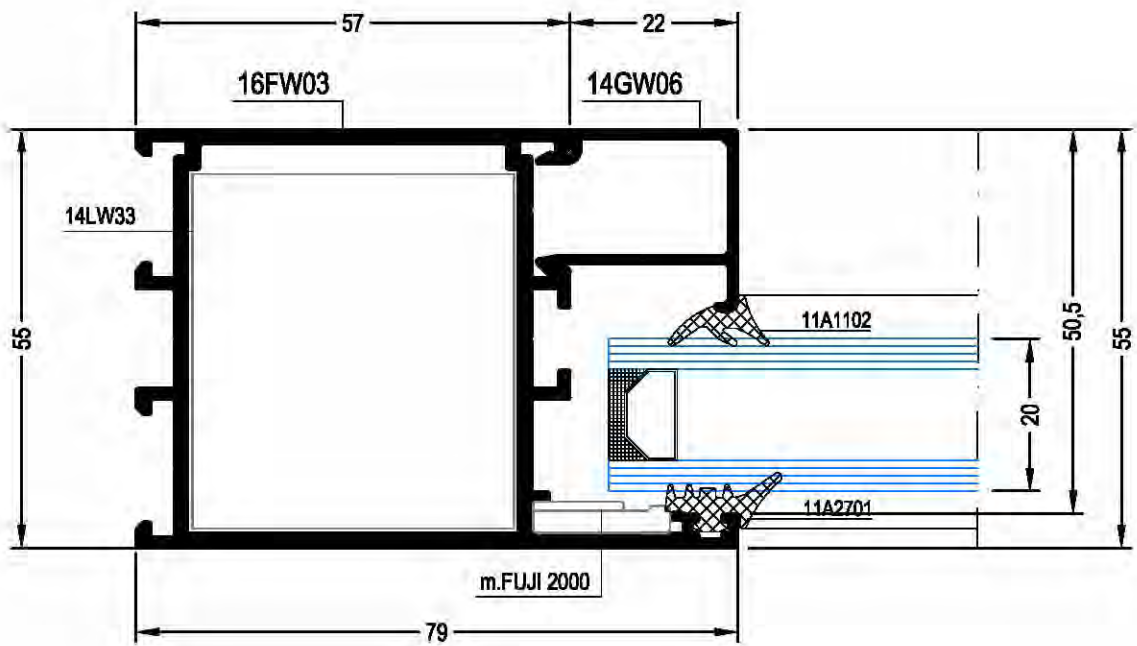
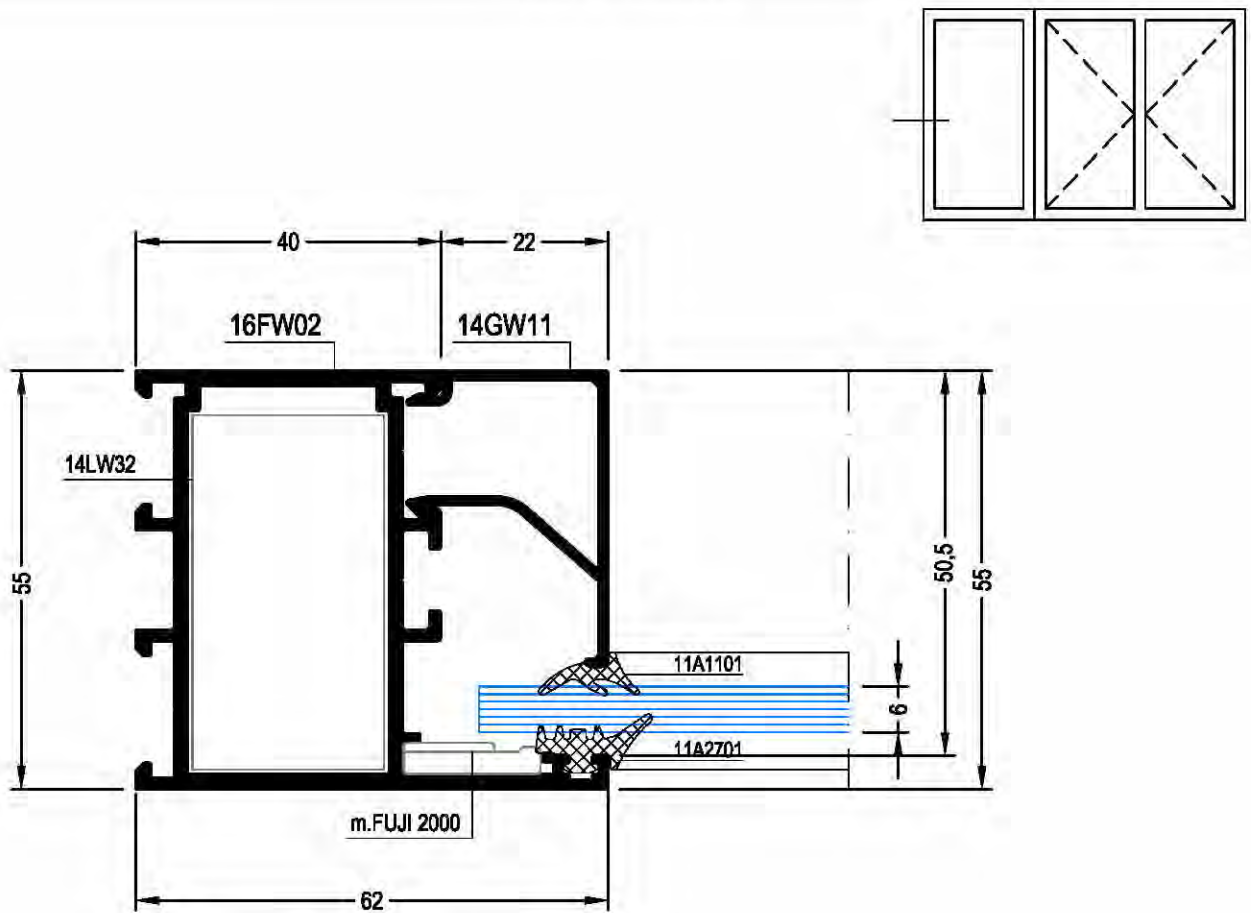
INSIDE OPENING DOOR



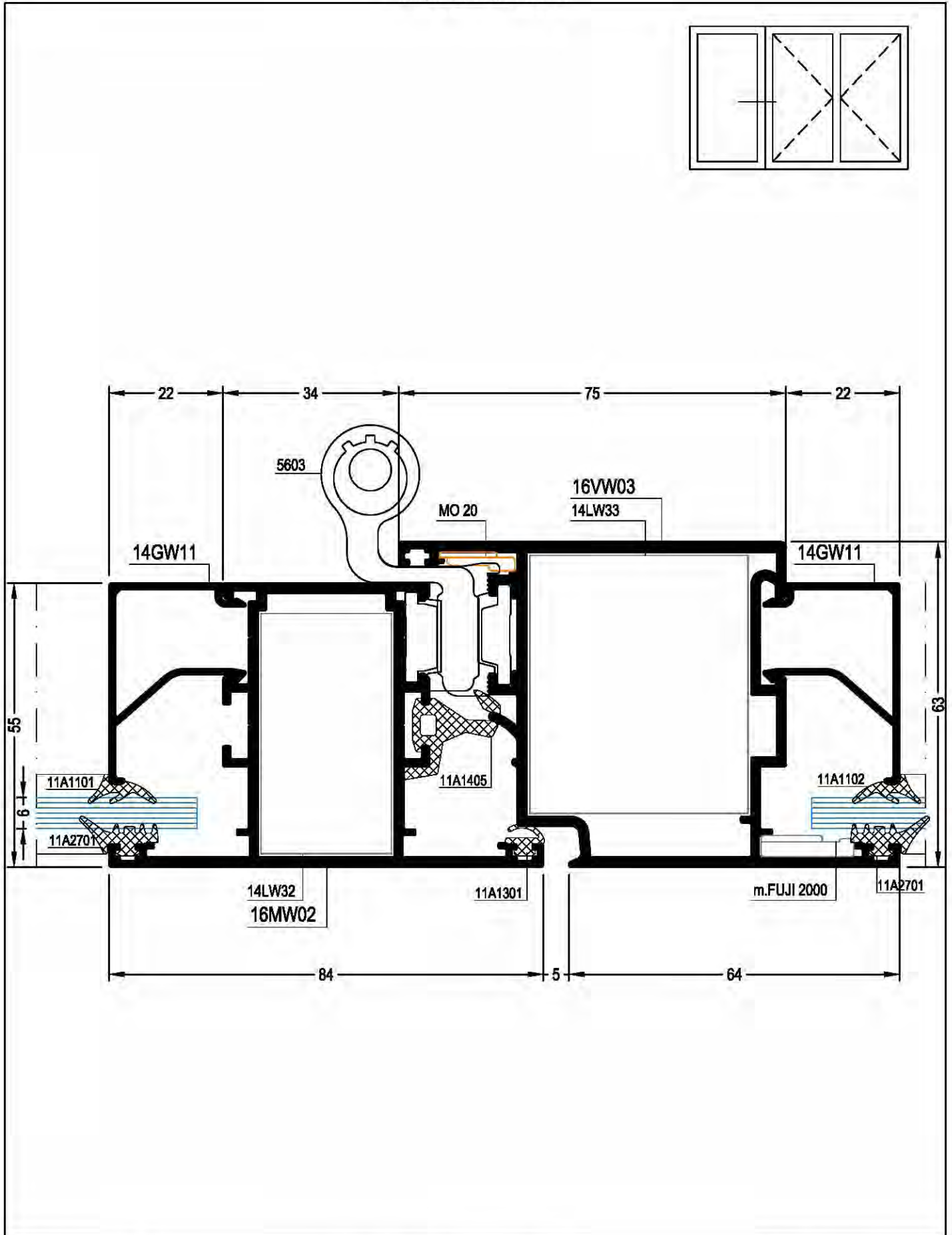
INSIDE OPENING DOOR



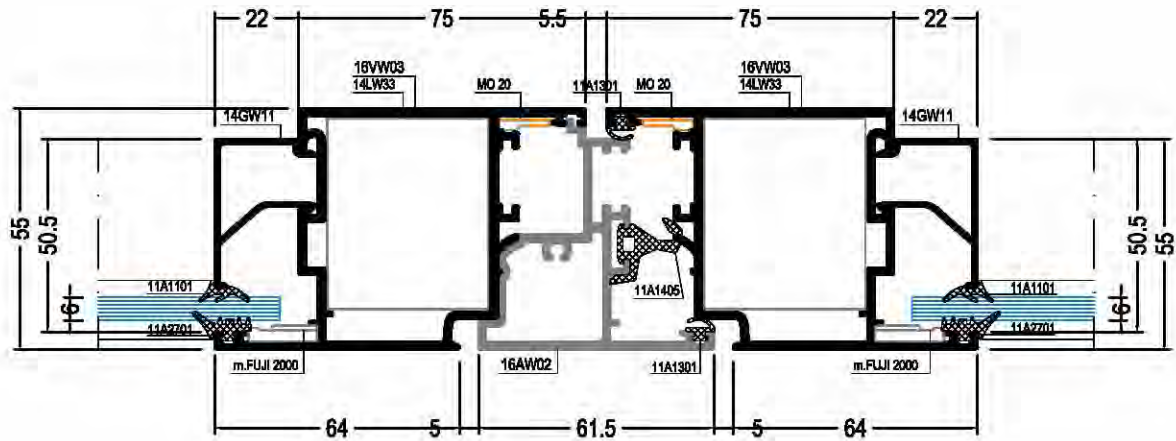
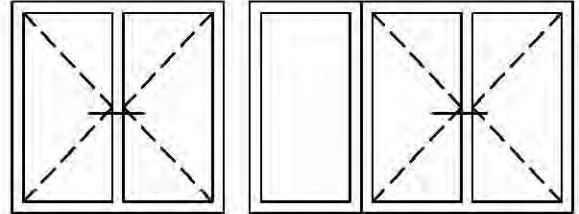
INSIDE OPENING DOOR



INSIDE OPENING DOOR



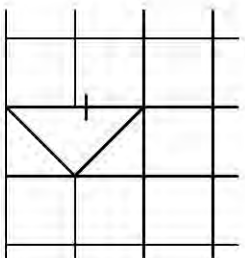
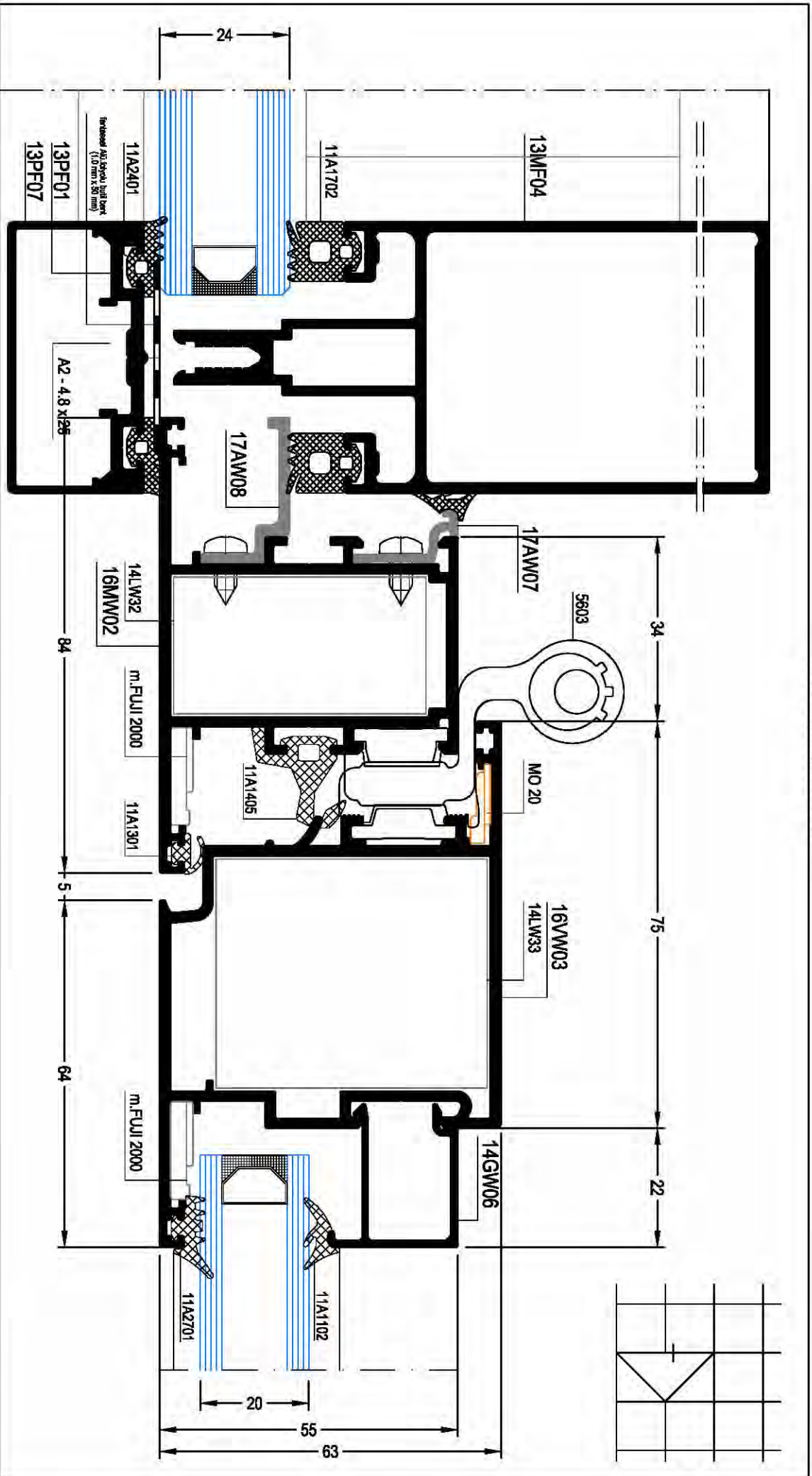
INSIDE OPENING DOOR



## SYSTEM CASTLE 1655 W

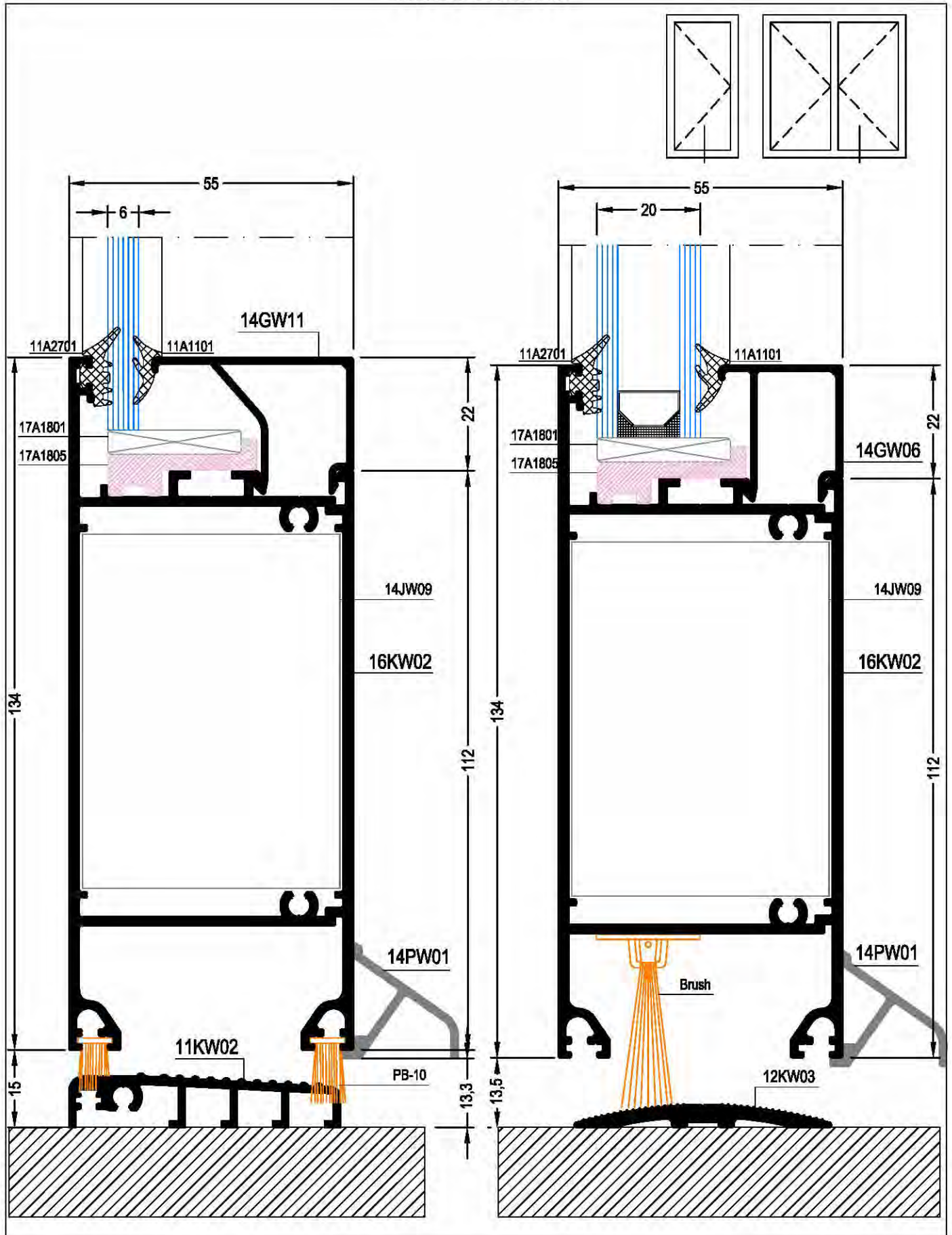
### DETAILS

INSIDE OPENING DOOR





INSIDE OPENING DOOR

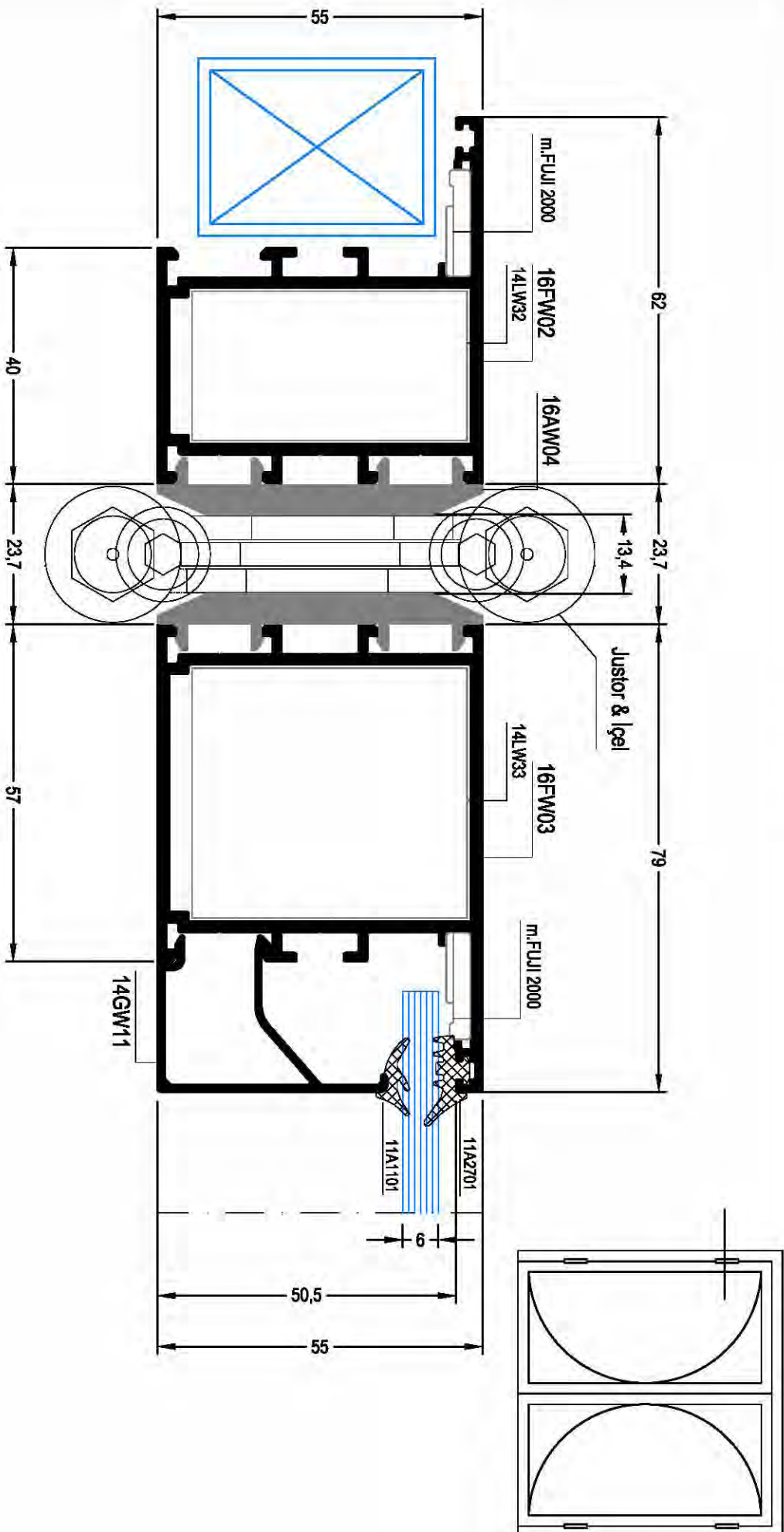




## SYSTEM CASTLE 1655 W

### DETAILS

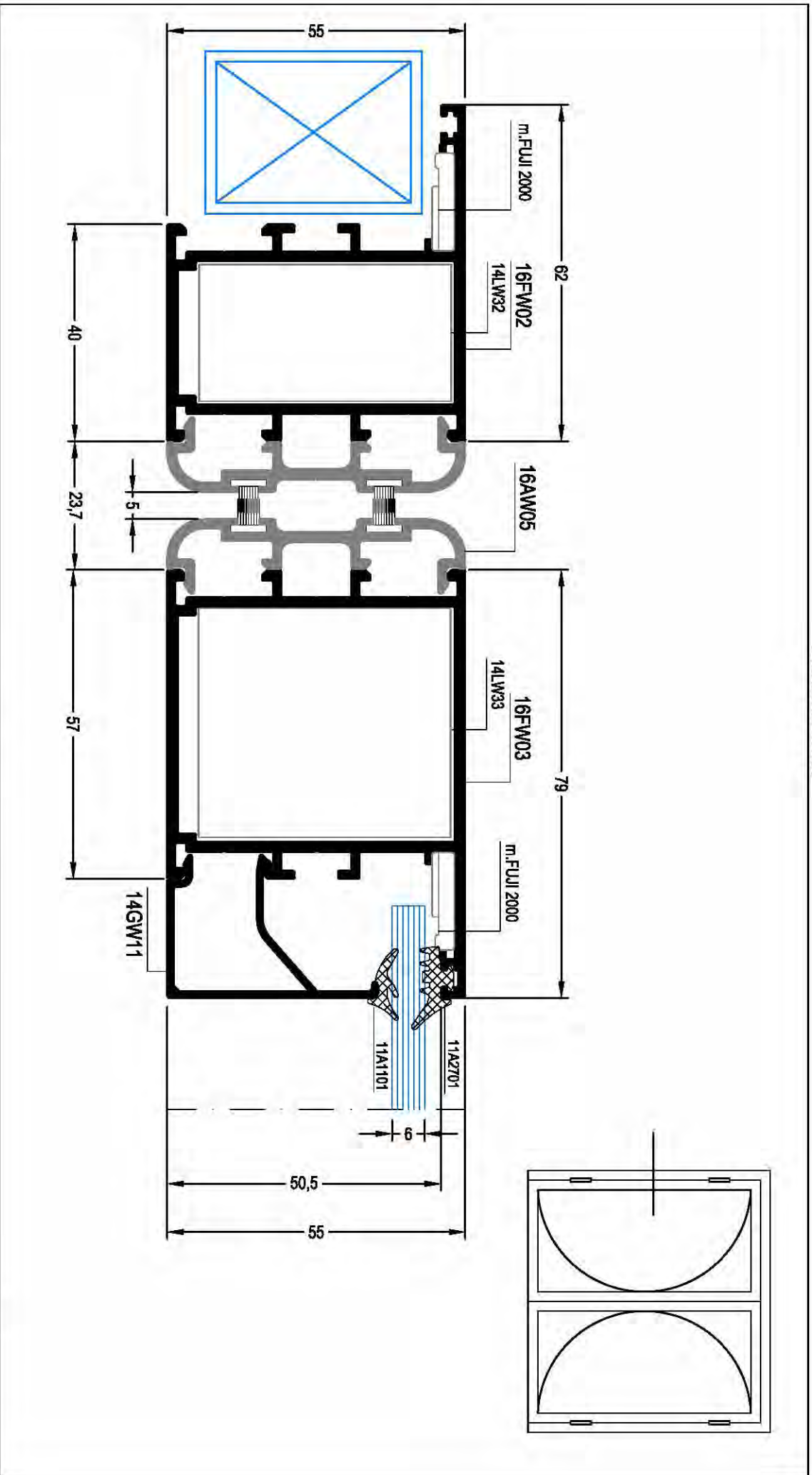
#### SWINGING DOOR

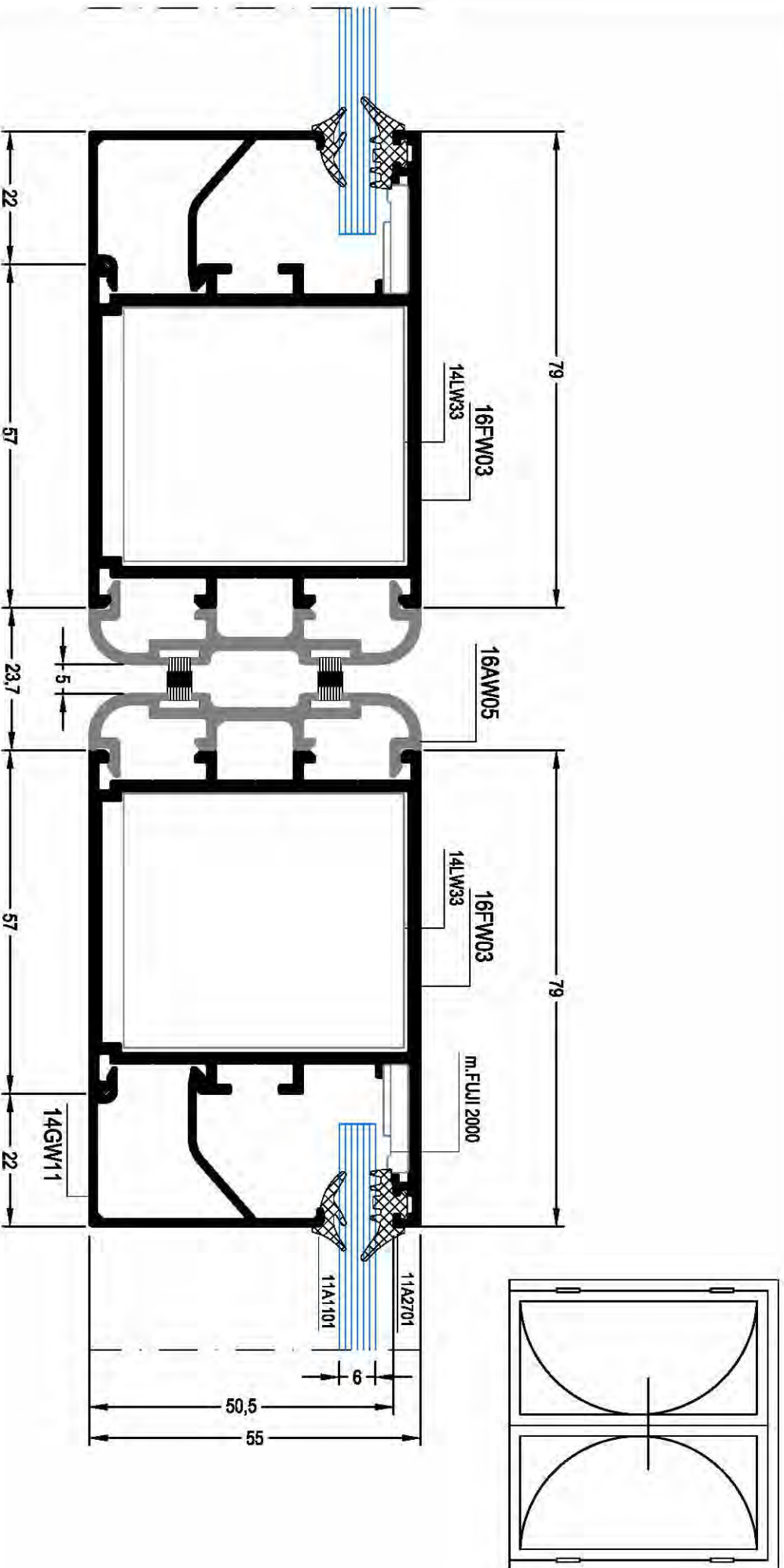


**SYSTEM CASTLE 1655 W**

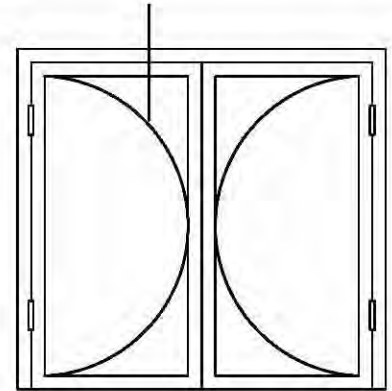
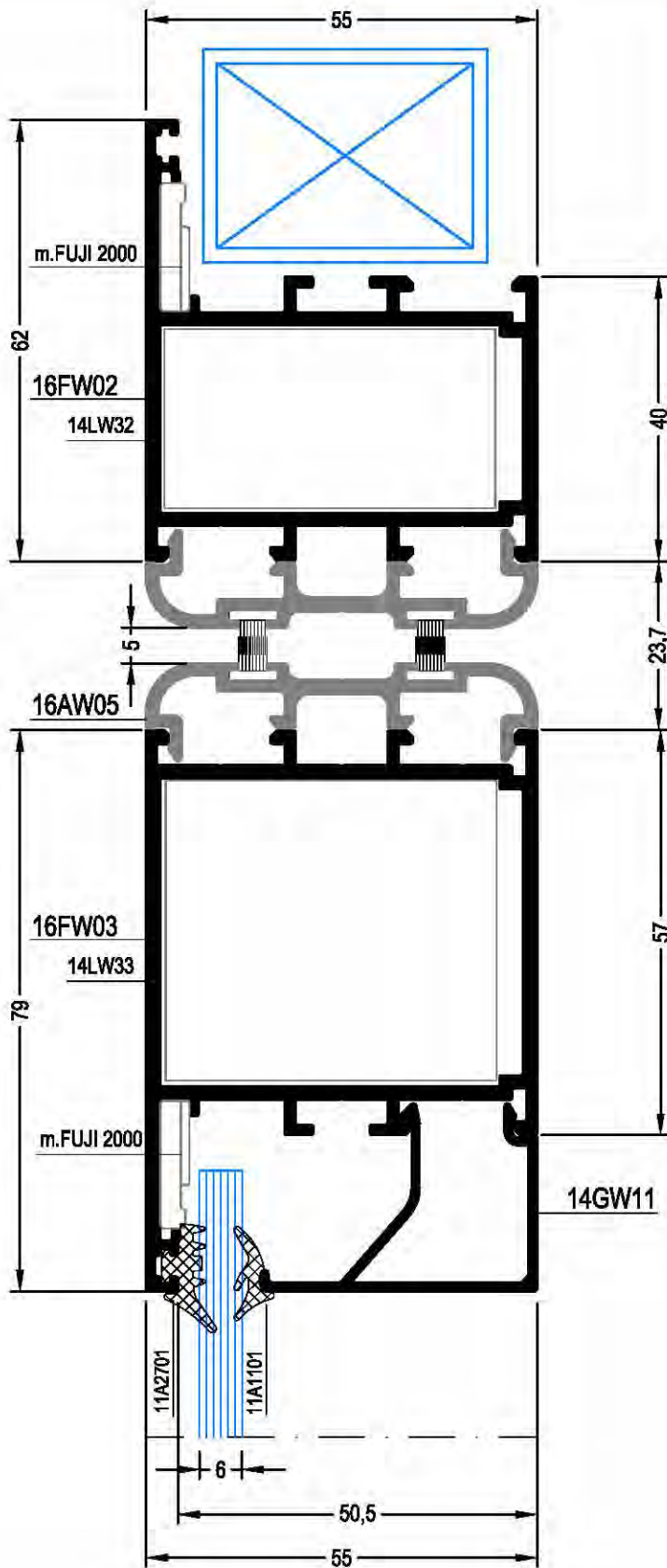
**DETAILS**

**SWINGING DOOR**

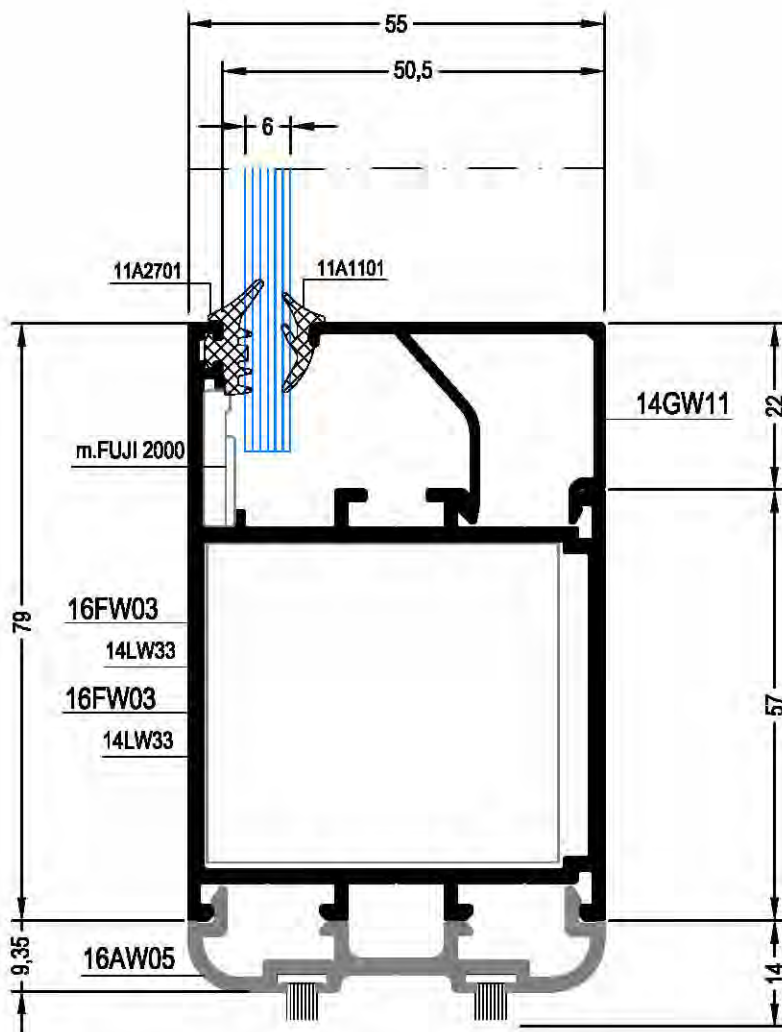
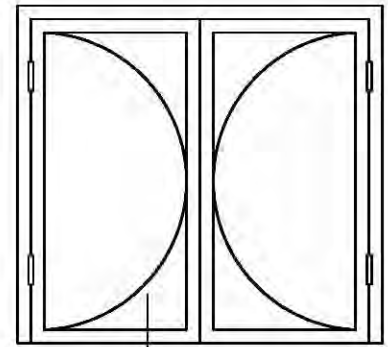




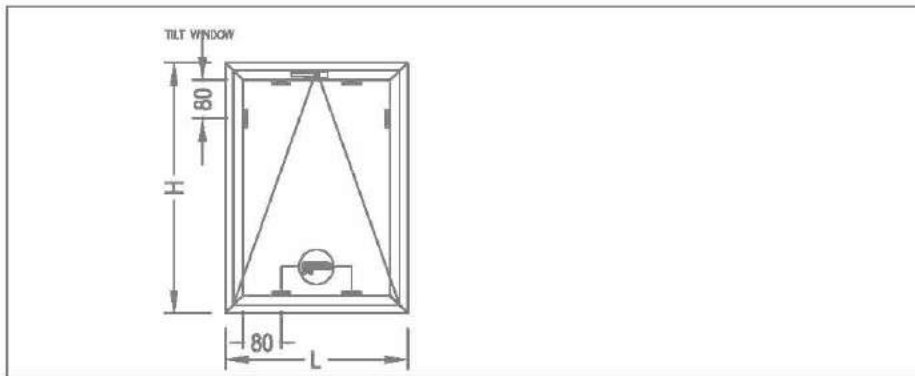
SWINGING DOOR



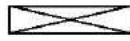
SWINGING DOOR




## f - ASSEMBLY DRAWINGS

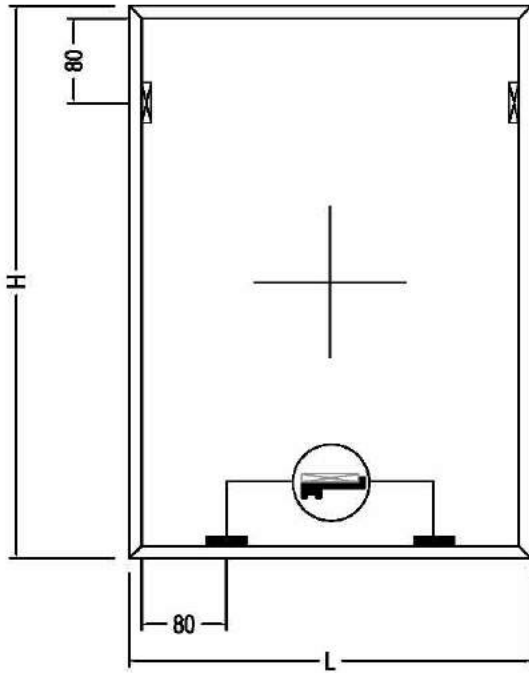




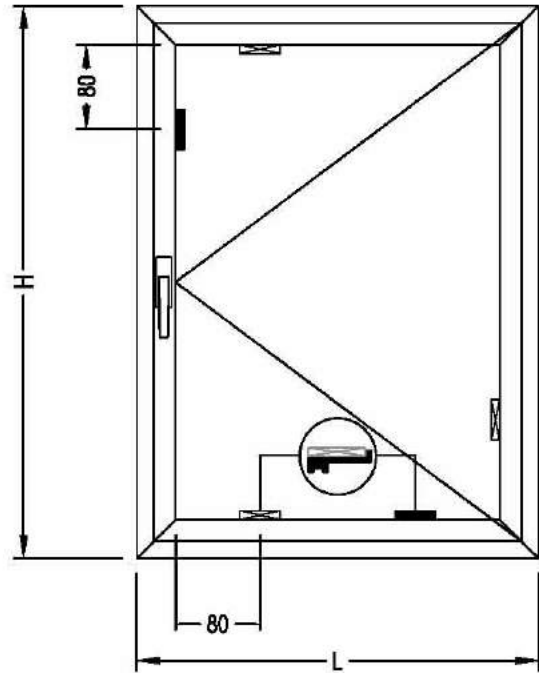
 Glazing wedge for leveling

 Glazing wedge for support

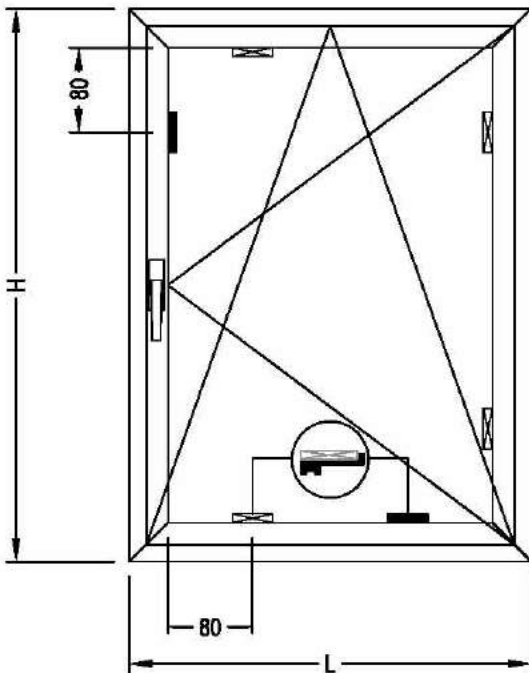
FIXED WINDOW



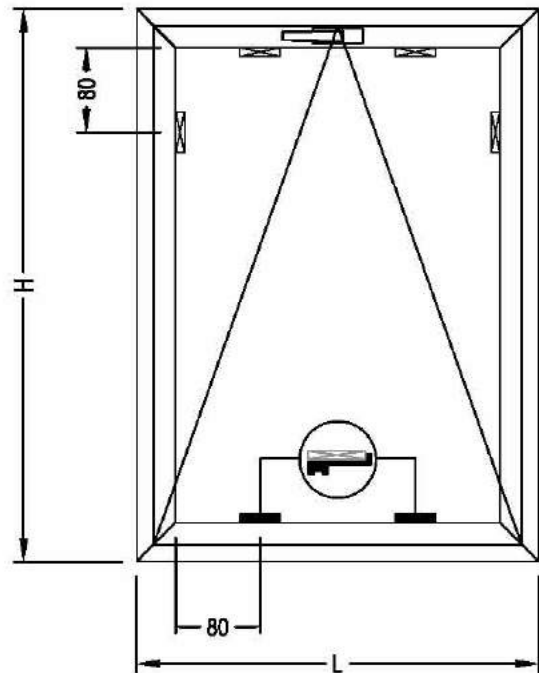
TURN WINDOW



TURN AND TILT WINDOW



TILT WINDOW



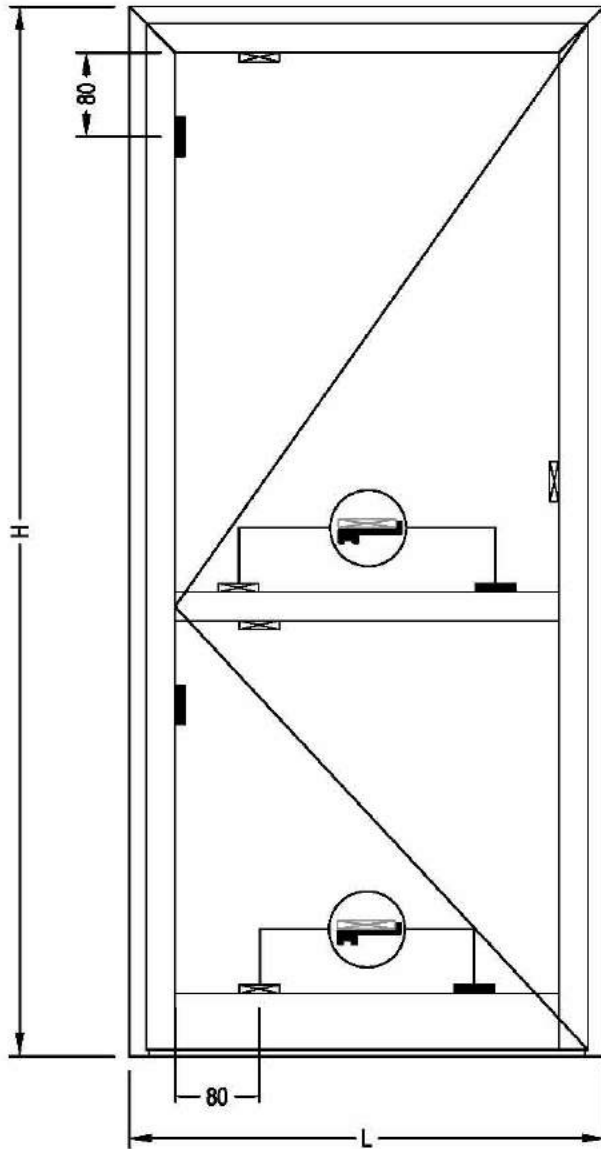


Glazing wedge for leveling



Glazing wedge for support

DOOR





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