



M15000 Prestige

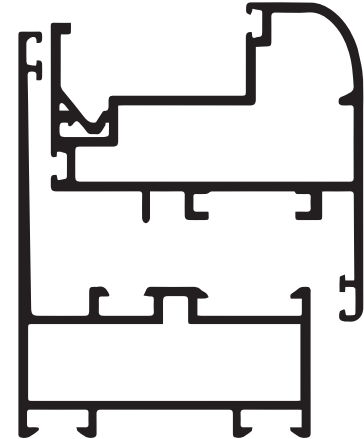
Hinged Systems

M15000 Prestige

Product line for “tilt-and-turn” frames, distinct by its wide variety of supported applications and aesthetic alternatives.

Basic characteristics:

- √ 59 mm sash width.
- √ Profiles covering all typologies for opening, tilting, and revolving windows, and even shop fronts.
- √ Specially-designed profiles for main entrances.
- √ Variety of options for the external look of a construction (flat, curved, classic, hidden sash, steel look, inox look, wood effect etc.)
- √ 5 mm frame to sash distance, allowing continuous application of sealing gaskets under the hinges, thus increasing both sealing and soundproofing.
- √ Highest performance ranking in tests of sealing, wind permeability, and sound insulation, certified by the internationally recognized German institute IFT ROSENHEIM.
- √ Supports constructions with concealed hinges and regular or PVC-groove mechanisms



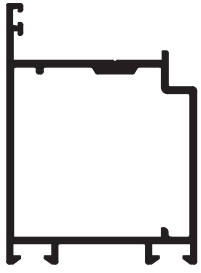
TECHNICAL SPECIFICATION OF PROFILES	
Aluminum alloy	AlMgSi (EN AW 6063)
Hardness	12 Webster or 70 HB minimum
Minimum Powder Coating Thickness	75µm minimum
Profile thickness (min-max)	1,6– 2,0 mm
Profile Geometry Control	EN DIN 12020-2 Compliant

TECHNICAL SPECIFICATIONS OF SYSTEM TYPOLOGIES	
Width for basic frame / sash	50 / 59 mm
Glazing types	Single, double or triple, up to 45 mm
Maximum glazing weight	130 kg for doors and windows 150 kg for main entrances
Sealing	“ALUSEAL” system, with EPDM gaskets applied in 3 levels

Certifications:

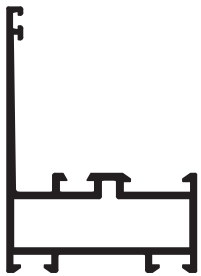
- √ The design, the production process, and the quality control of all profiles produced by Alumil are certified with ISO 9001.
- √ The process of electrostatic powder coating is certified by QUALICOAT and RAL (GSB) in all plants operated by Alumil.
- √ Certified by the internationally acknowledged German institute IFT ROSENHEIM in the highest category of all tests undertaken (air-water impermeability and dynamic stress).

PROFILE Profile No
Weight (gr/m) X mm
Y mm



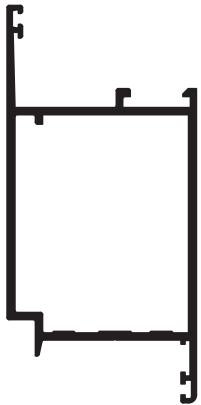
M 15078
1079

50.00
68.70



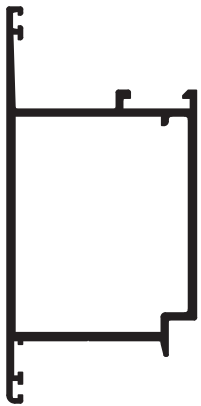
M 15408
986

50.00
70.00



M 15182
1448

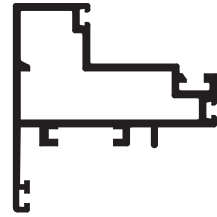
50.00
105.0



M 15076
1425

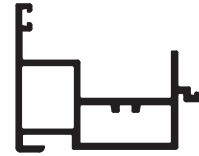
50.00
104.6

PROFILE Profile No
Weight (gr/m) X mm
Y mm



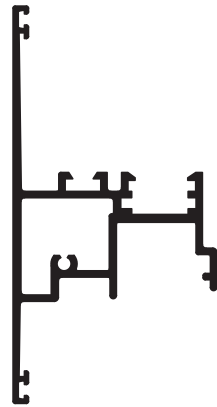
M 15421
988

53.50
54.90



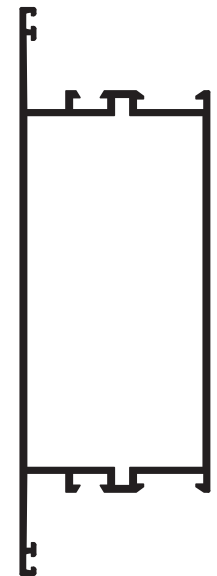
M 15191
750

48.40
39.00



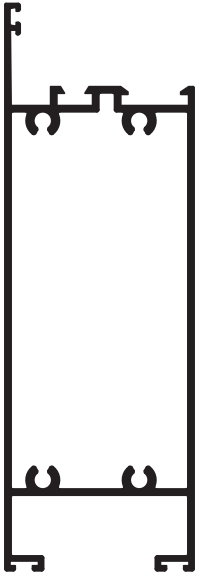
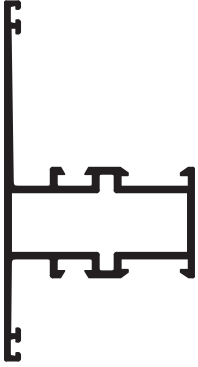




M 15458
1370

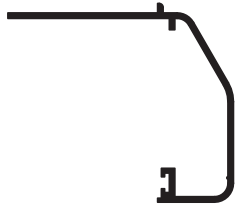
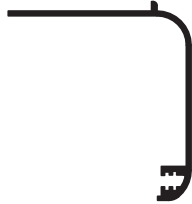
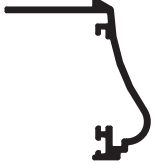
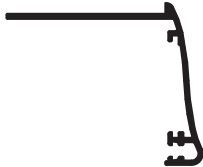
53.80
105.0



M 15068
1671

50.00
150.0

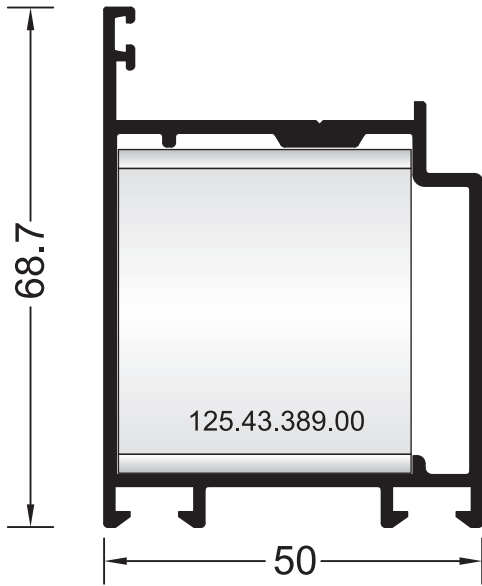
PROFILE	Profile No Weight (gr/m)	X mm Y mm
	M 15143 2076	50.00 150.0
	M 15417 1153	50.00 95.00
	M 9312 332	19.34 26.60
	M 9311 304	29.50 26.61
	M 11457 114	9.07 24.04
	U 24X10 216	10.00 24.00

PROFILE	Profile No Weight (gr/m)	X mm Y mm
	M 6000 503	59.60 52.50
	M 9416 1971	57.50 80.40
	M 11119 379	38.20 43.00
	M 11118 324	51.94 42.83

M 15078

FRAME

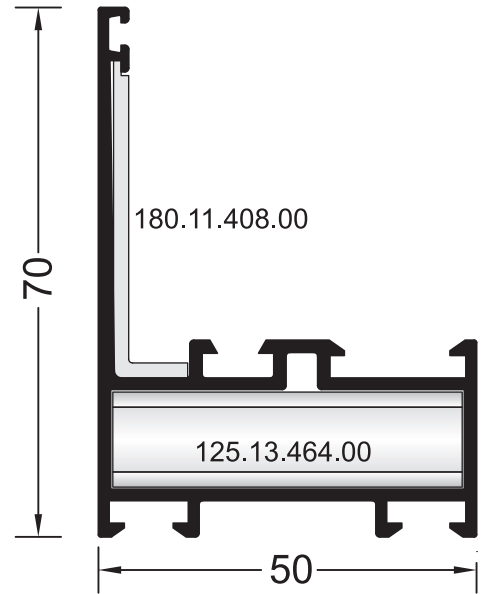
W = 1079 gr/m



M 15408

FRAME

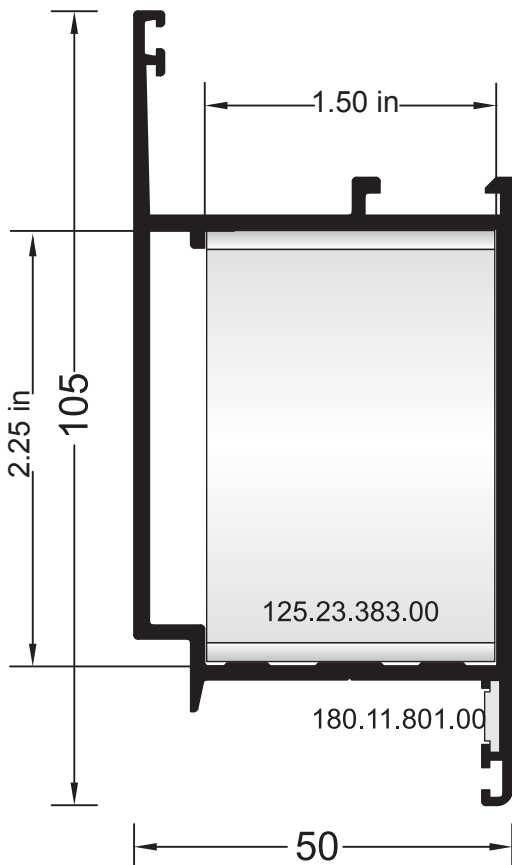
W = 986 gr/m



M 15182

SASH

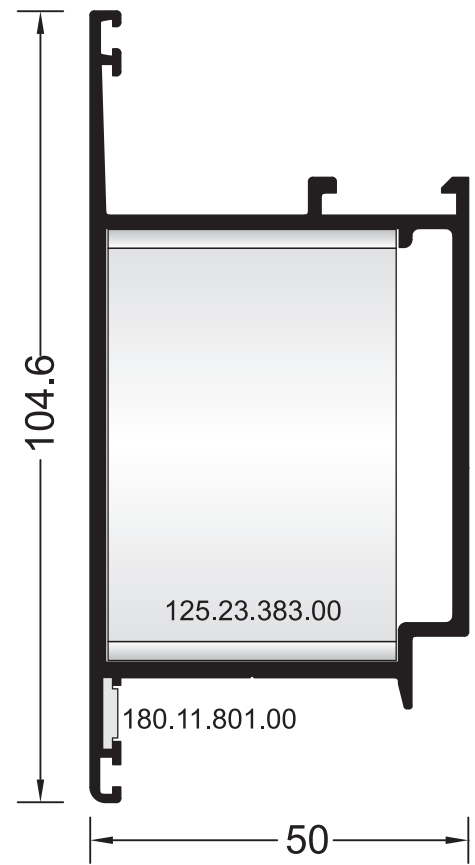
W = 1448 gr/m



M 15076

OUTDOOR SASH

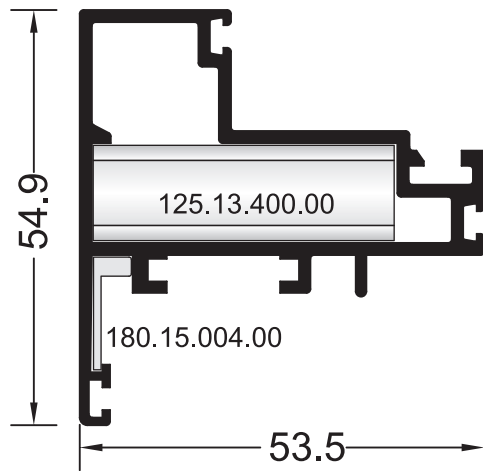
W = 1425 gr/m



M 15421

W = 988 gr/m

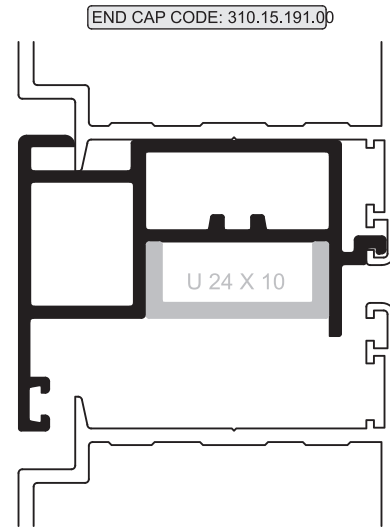
SASH



M 15191

W = 750 gr/m

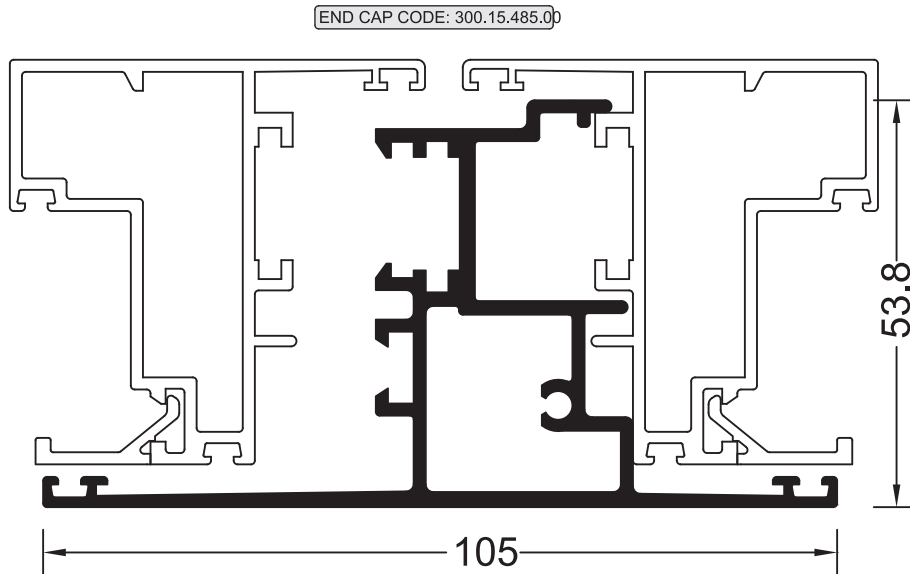
ADJOINING



M 15458

W = 1370 gr/m

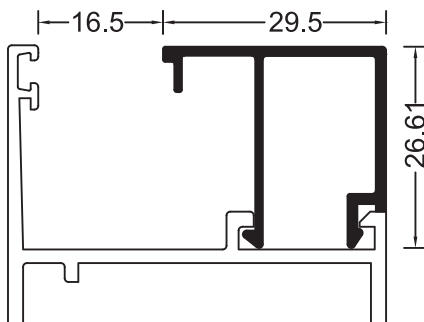
ADJOINING



M9311

W = 304 gr/m

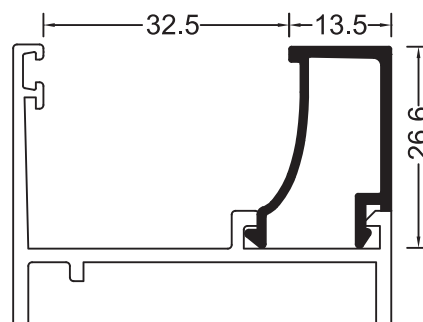
**SINGLE GLAZING
HOLDER**



M9312

W = 332 gr/m

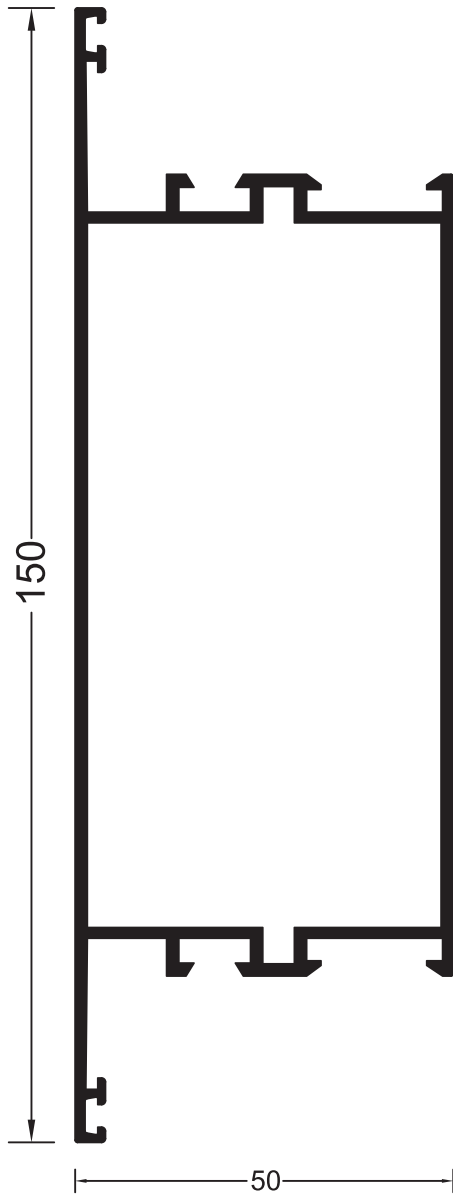
**DOUBLE GLAZING
HOLDER**



M15068

TRANSOM

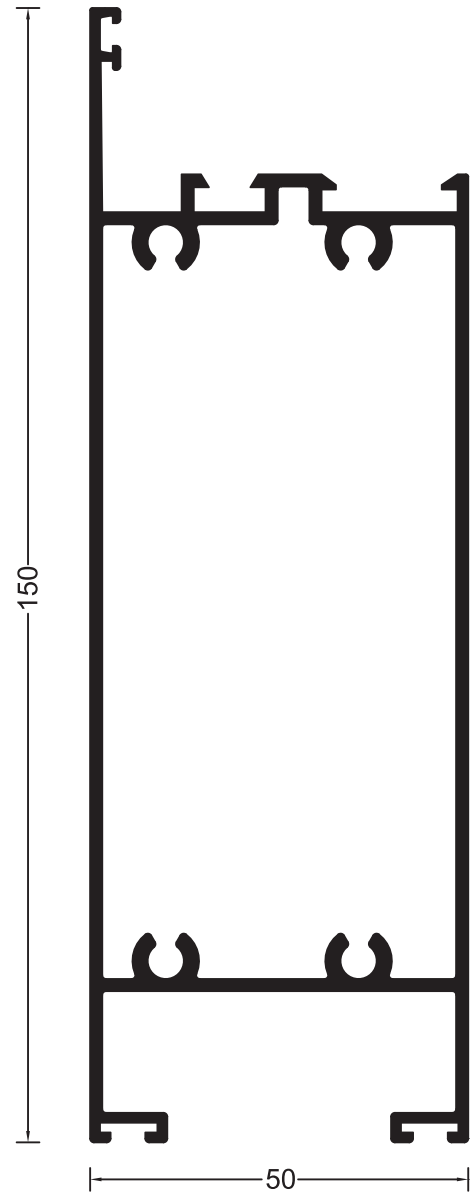
W = 1671 gr/m



M15143

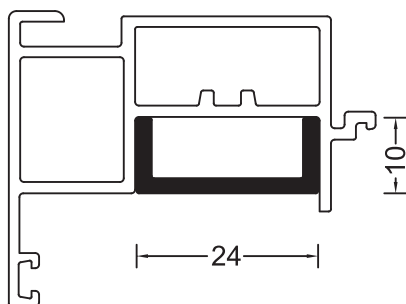
DOOR SILL

W = 2076 gr/m



U 24 X 10

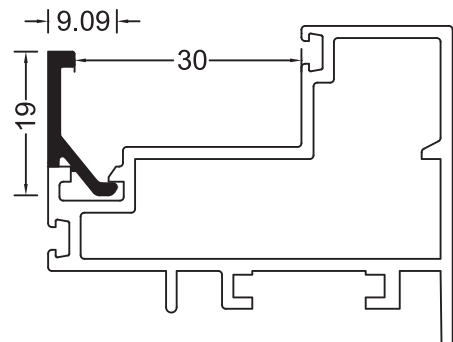
W = 216 gr/m



M11457

**DOUBLE GLAZING
HOLDER**

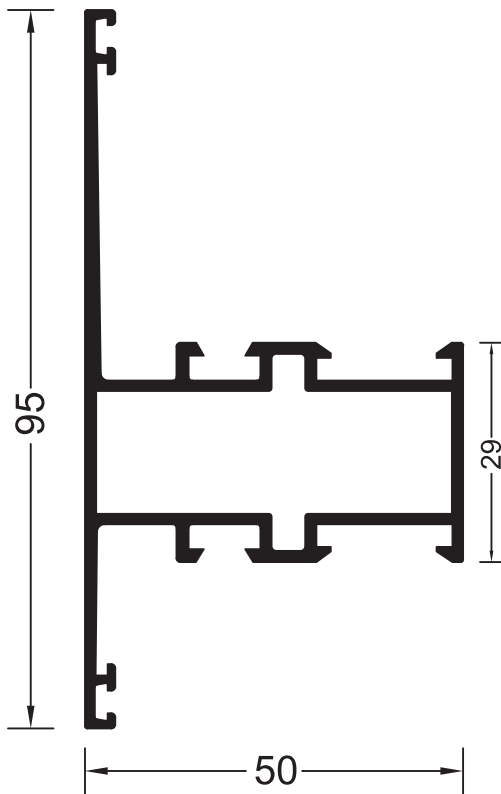
W = 114 gr/m



M15417

W = 1153 gr/m

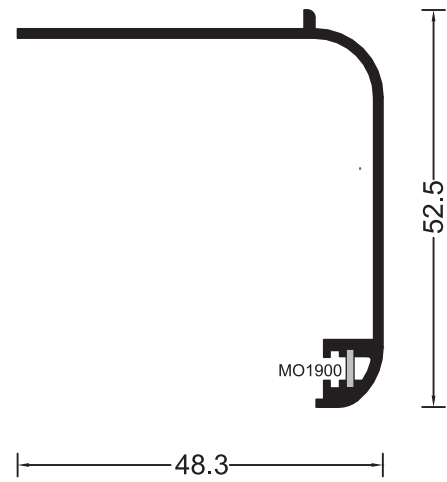
TRANSOM



M 9416

W = 411 gr/m

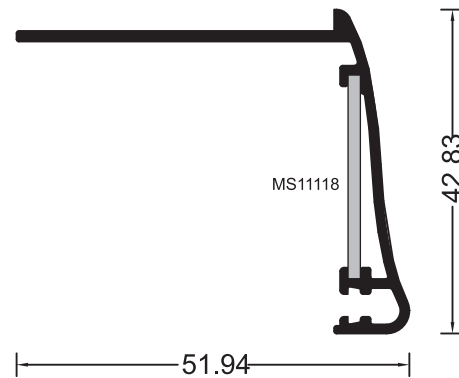
ARCHITRAVE



M 11118

W = 394 gr/m

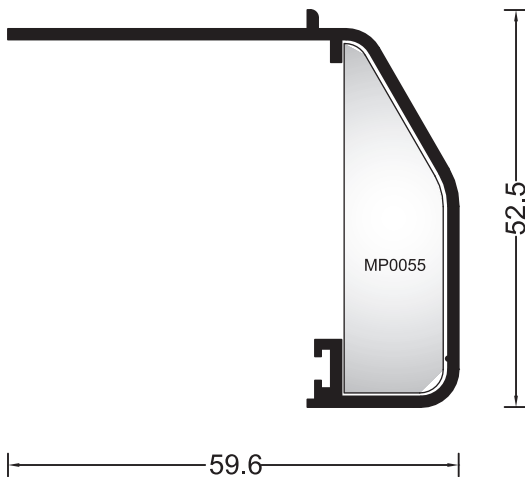
ARCHITRAVE



M 6000

W = 523 gr/m

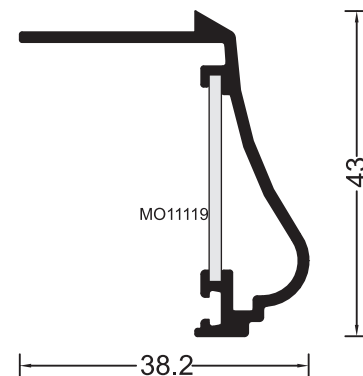
ARCHITRAVE

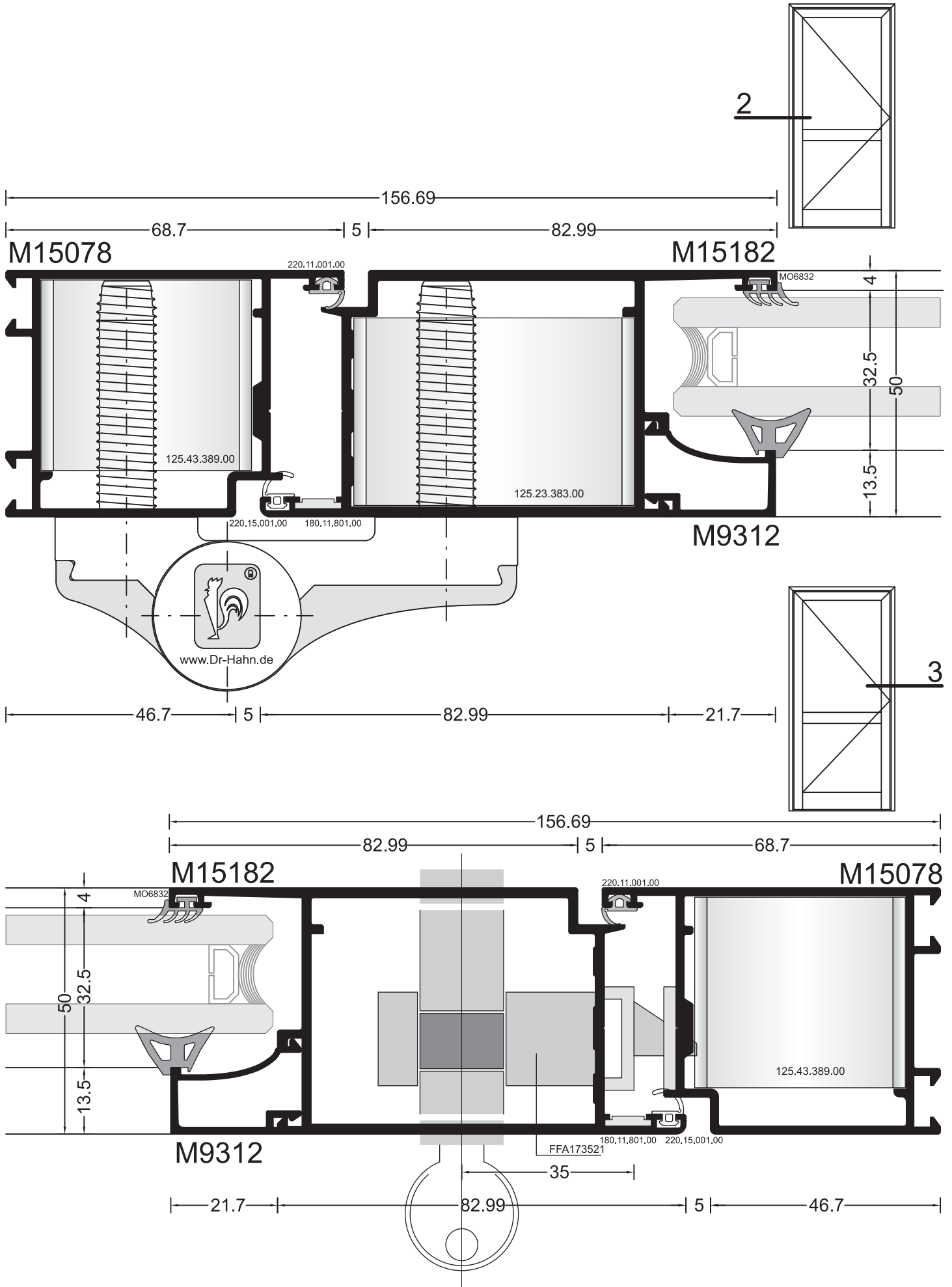


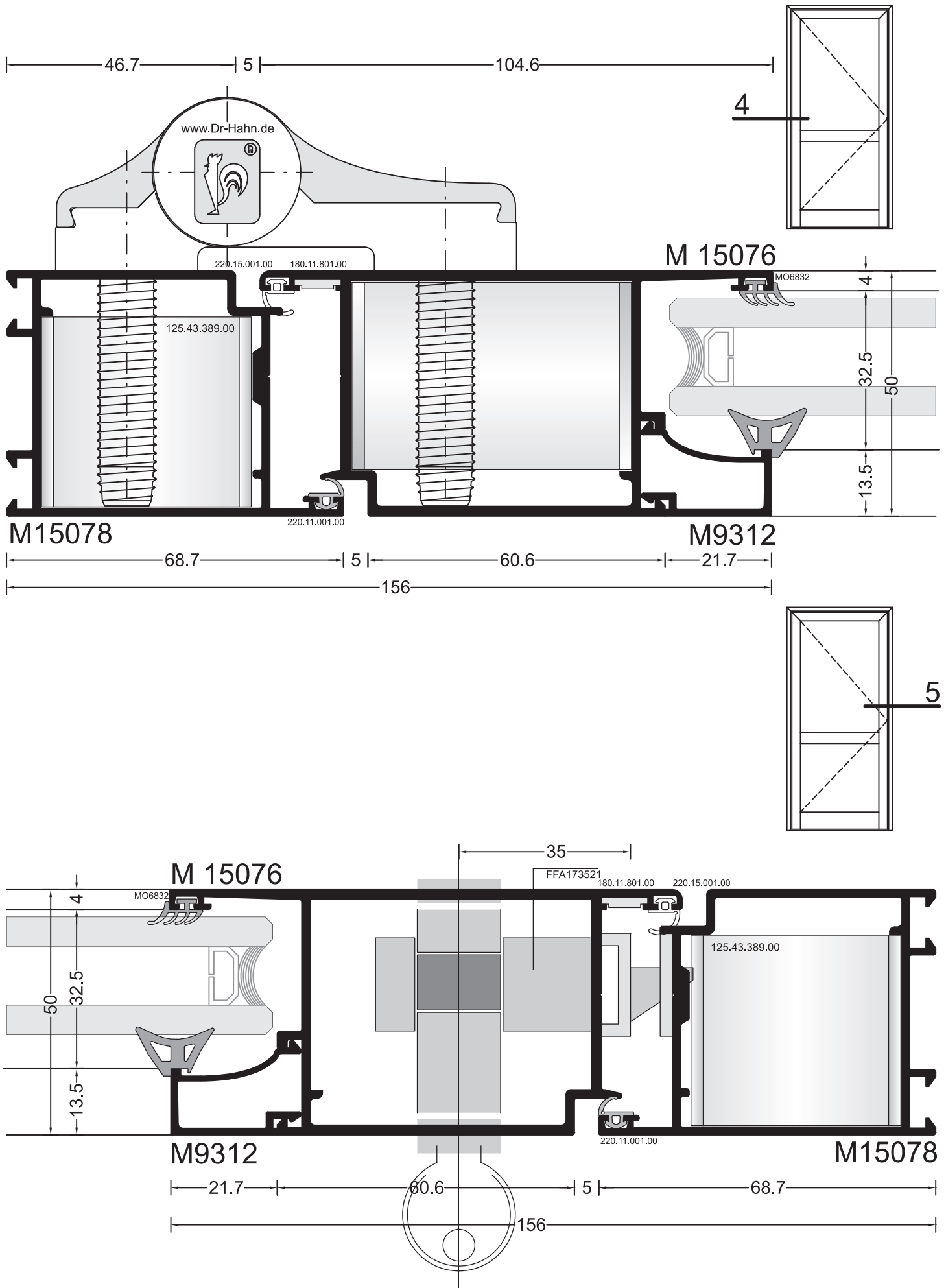
M 11119

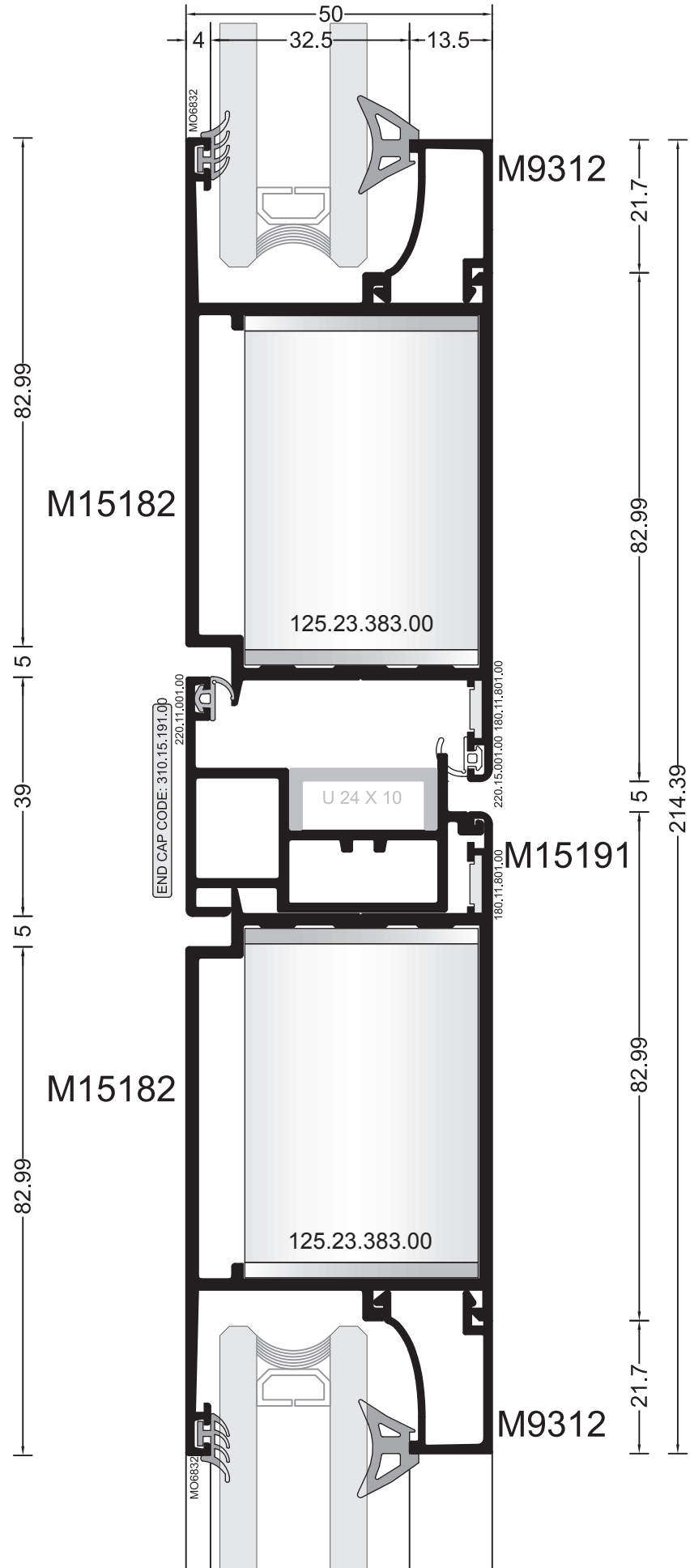
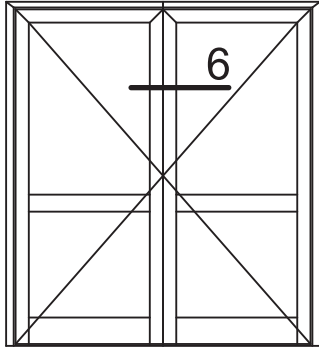
W = 376 gr/m

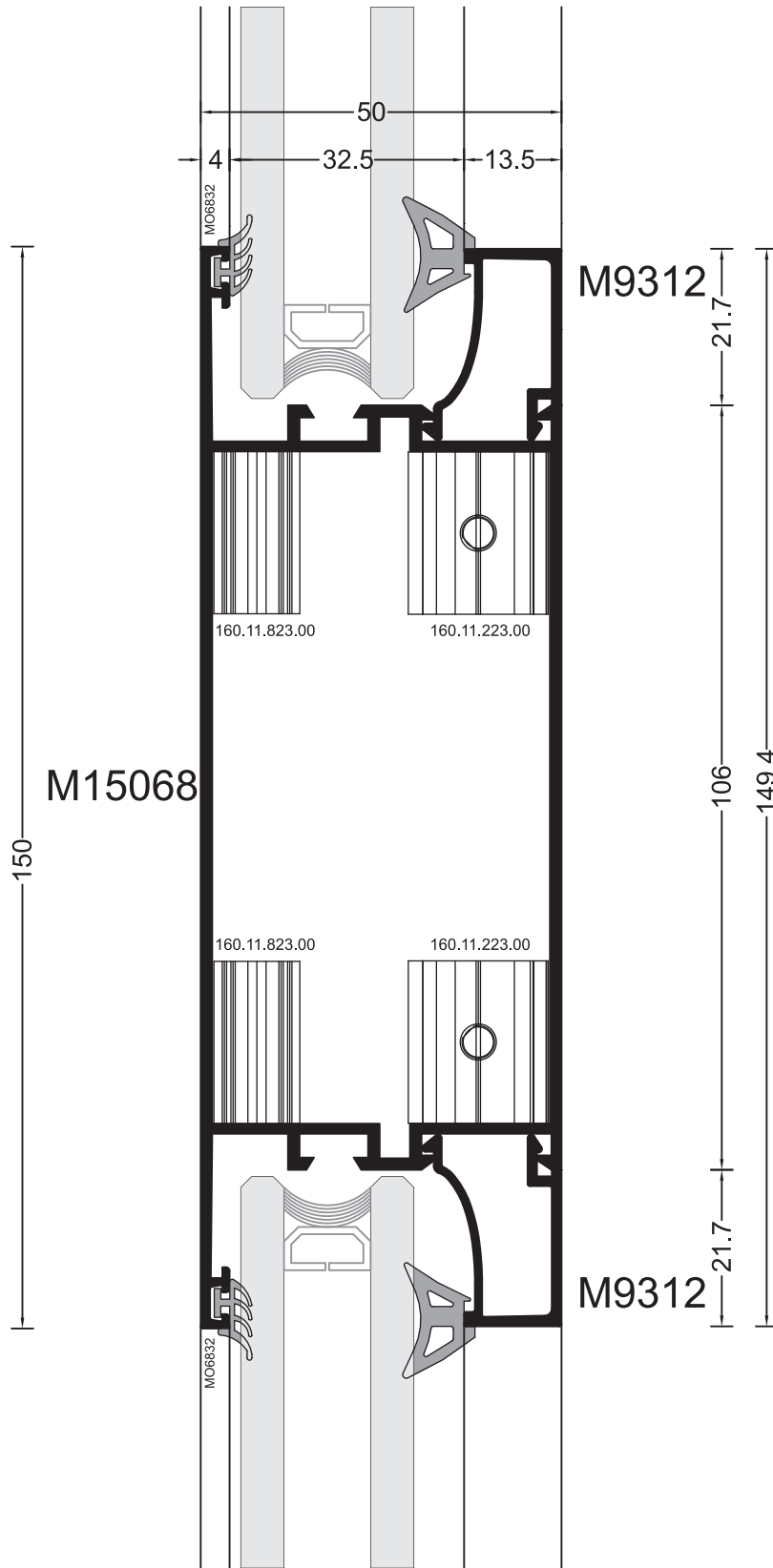
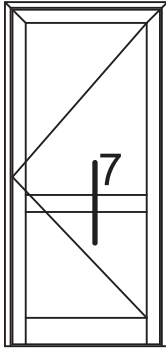
ARCHITRAVE

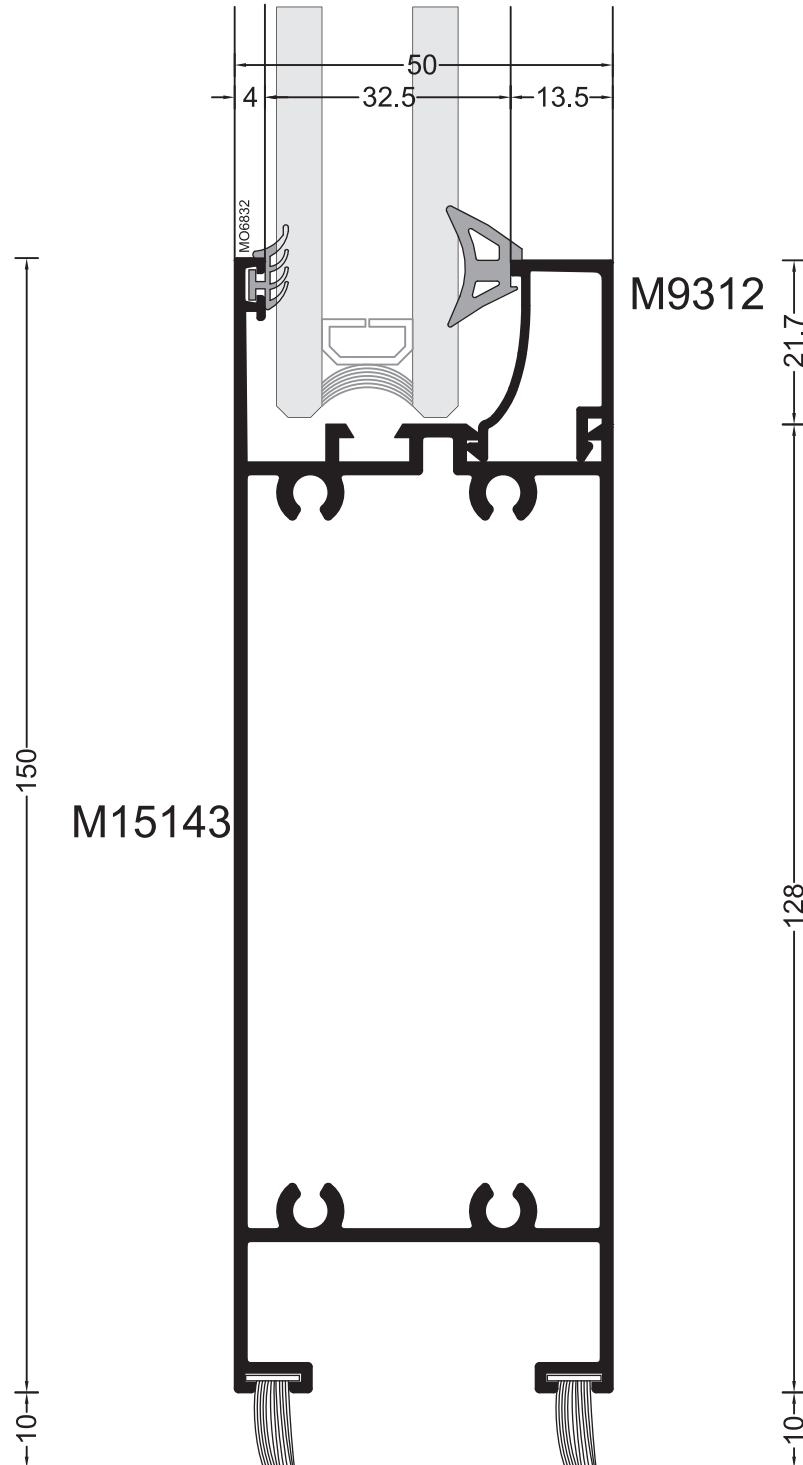
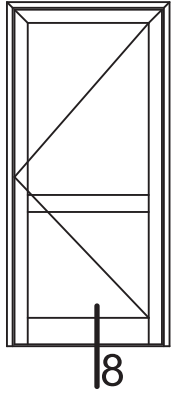


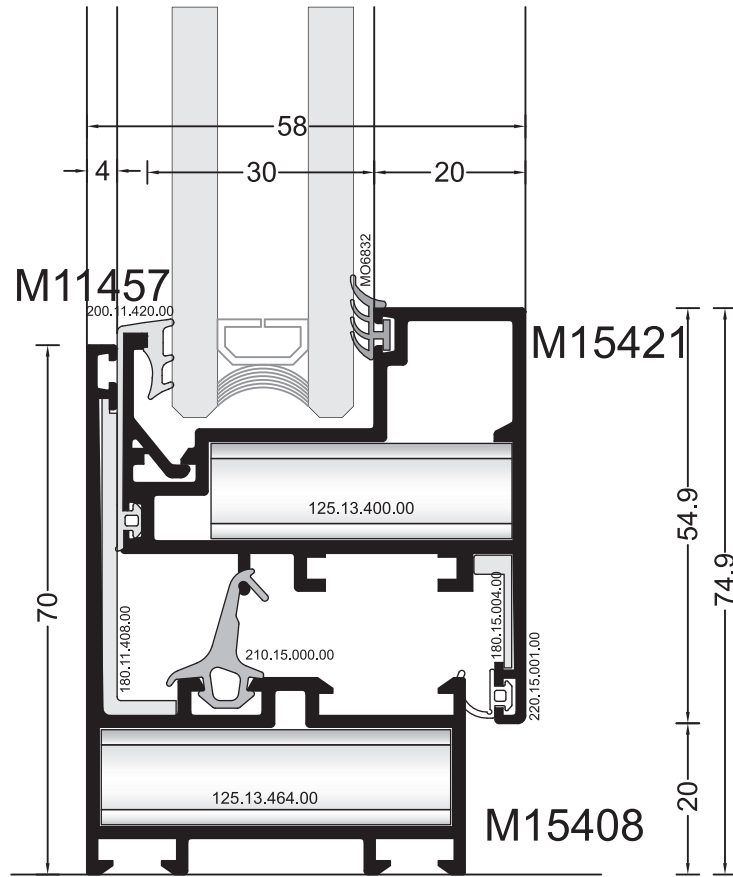
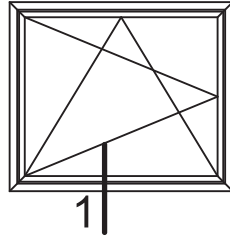


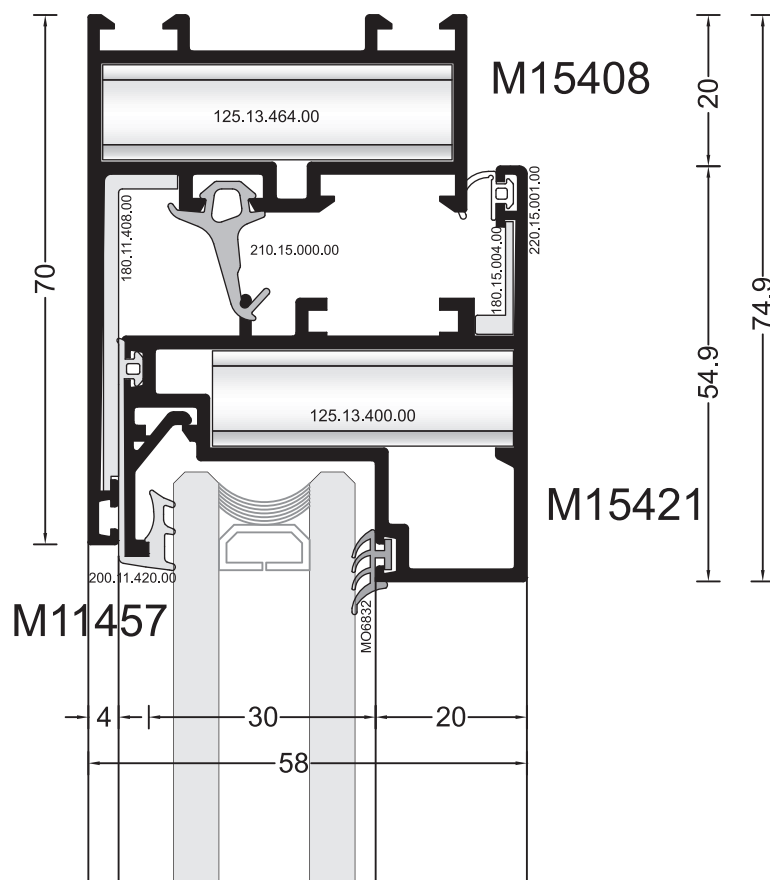
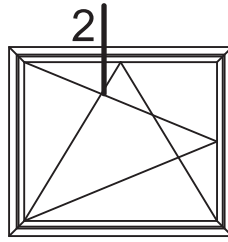


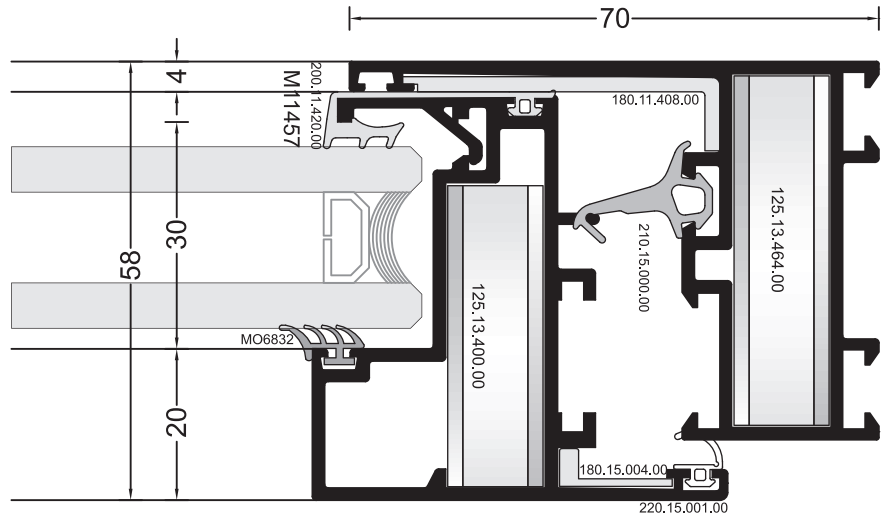
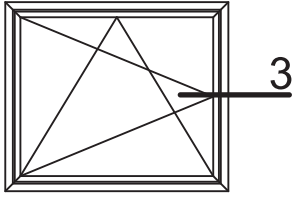






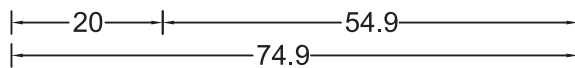
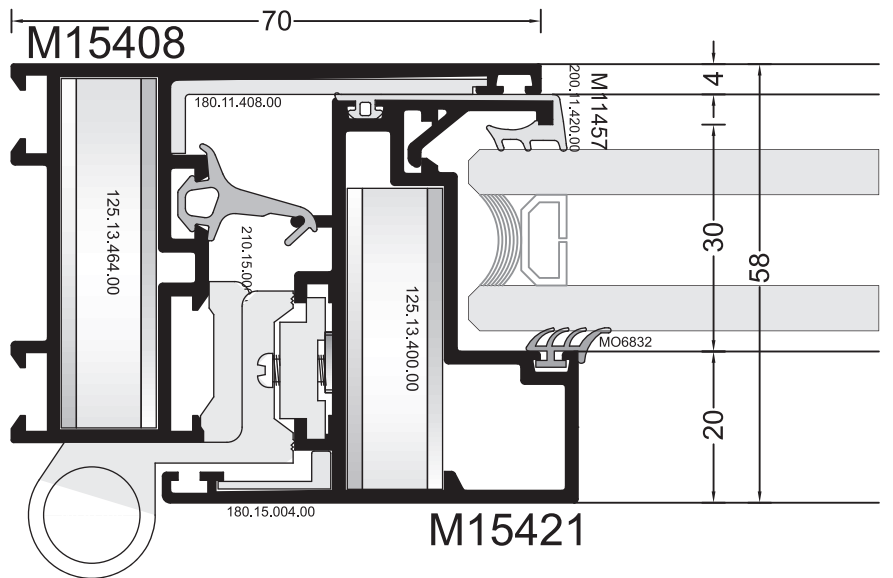
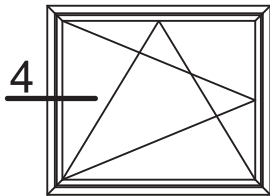
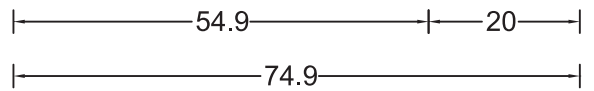


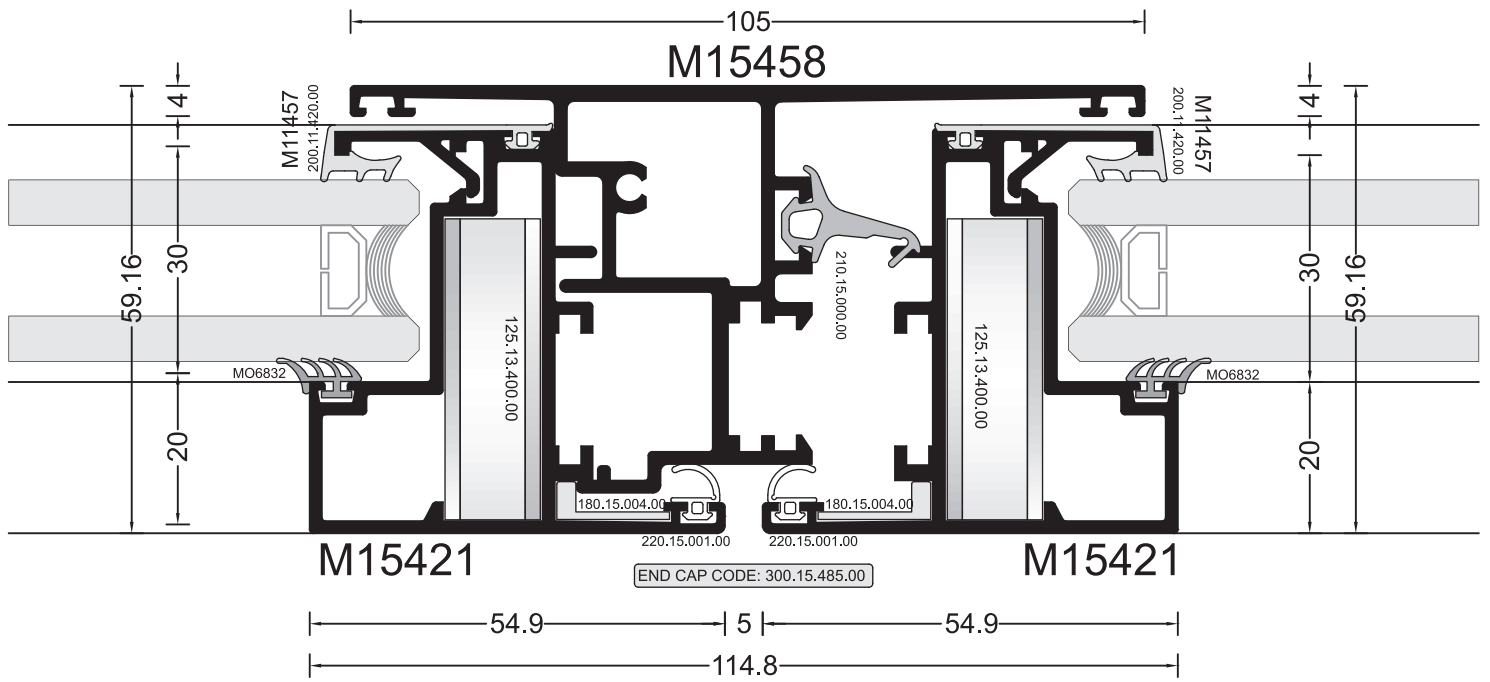
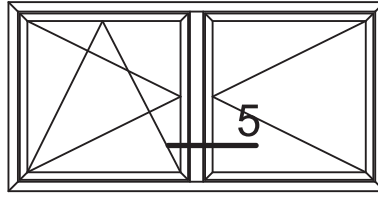


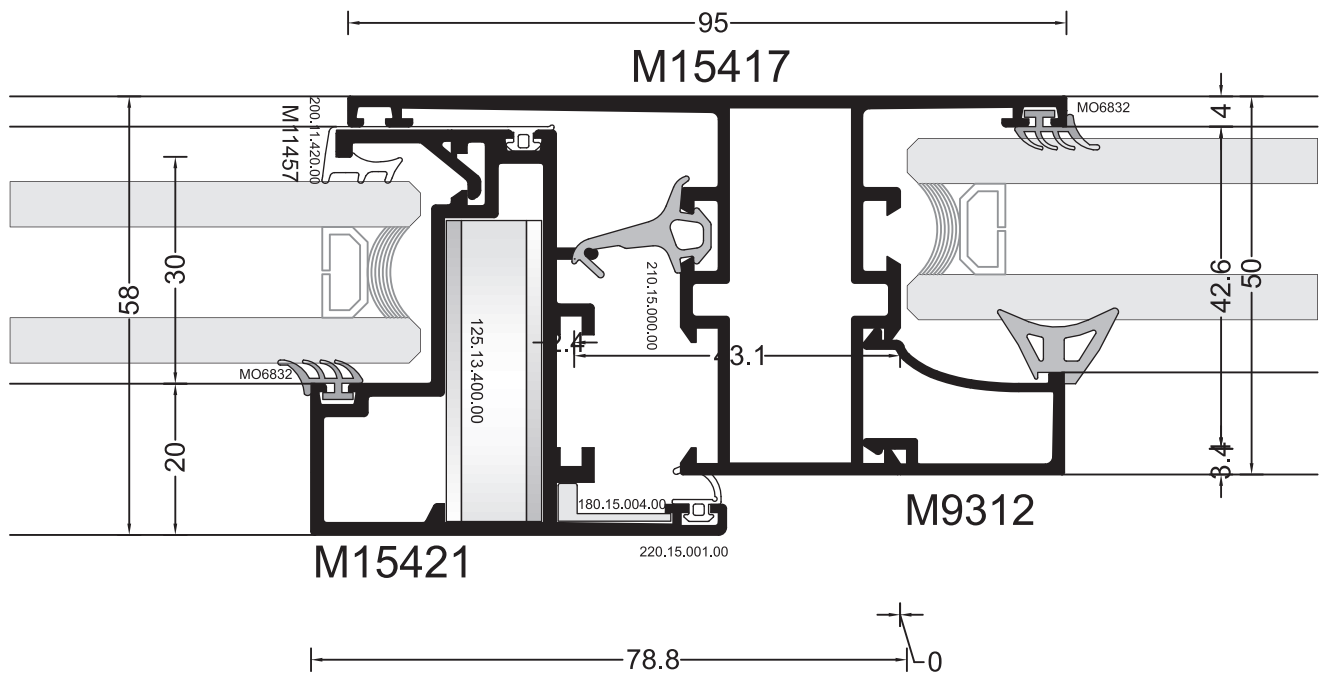
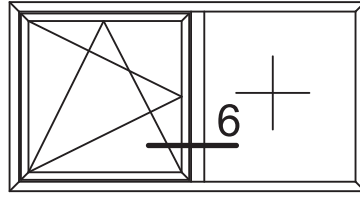


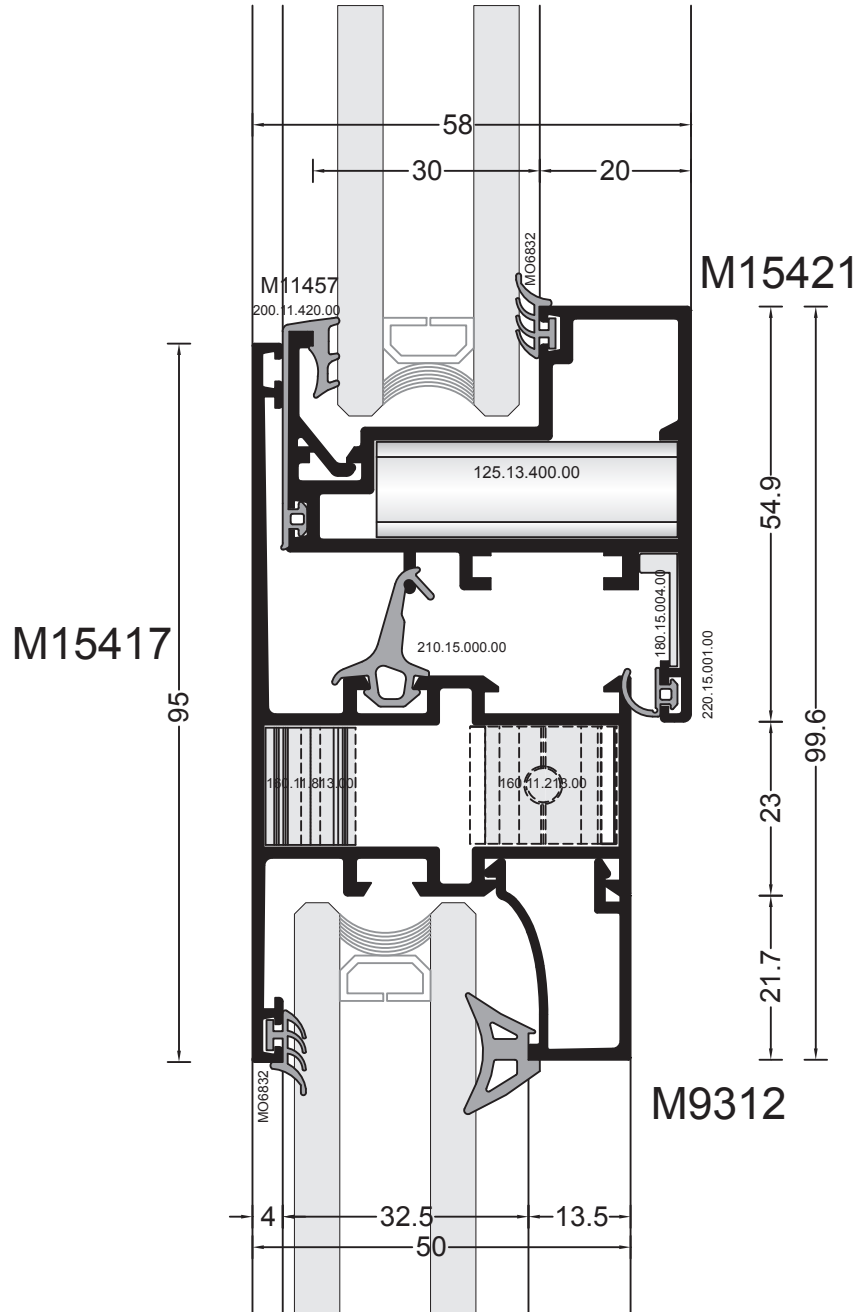
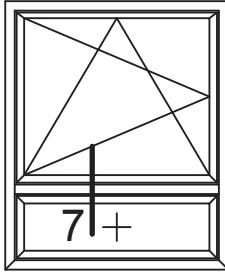
M15408

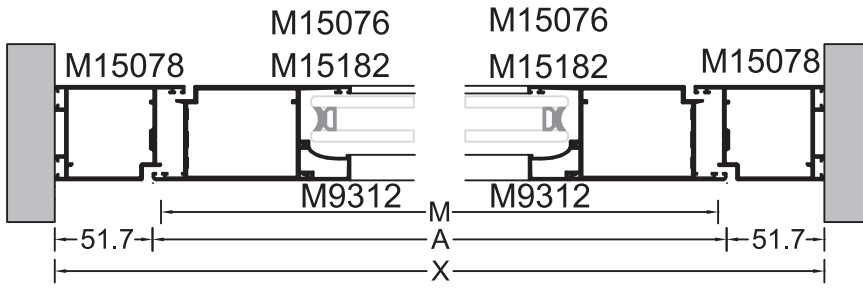
M15421





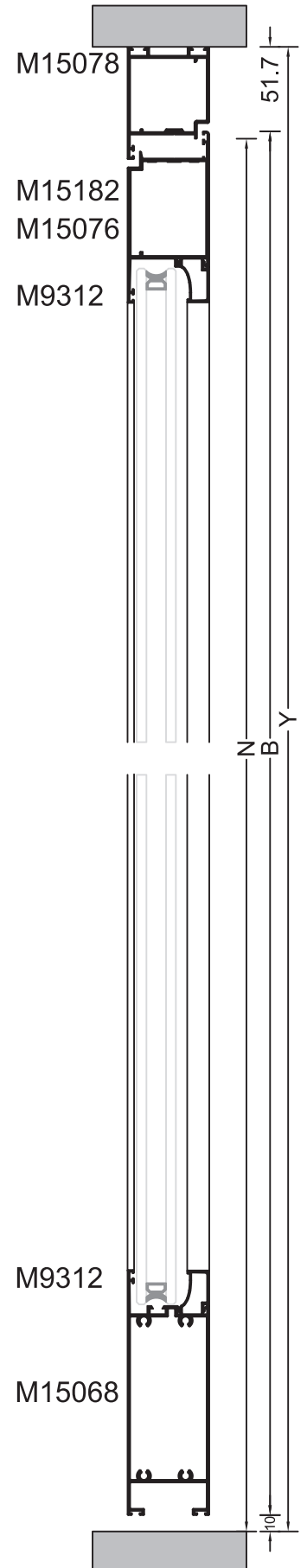


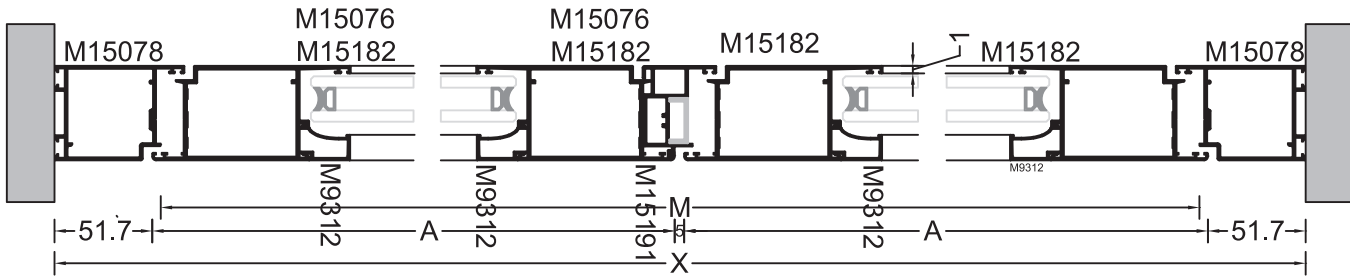




(WIDTH OF SASH)	$A = X - 103.4 \text{ mm}$
	OR
	$A = M + 9 \text{ mm}$

(HEIGHT OF SASH)	$B = Y - 61.7 \text{ mm}$
	OR
	$B = N - 5.5 \text{ mm}$





(WIDTH OF SASH)

$$A = \frac{X - 108.4\text{mm}}{2}$$

OR

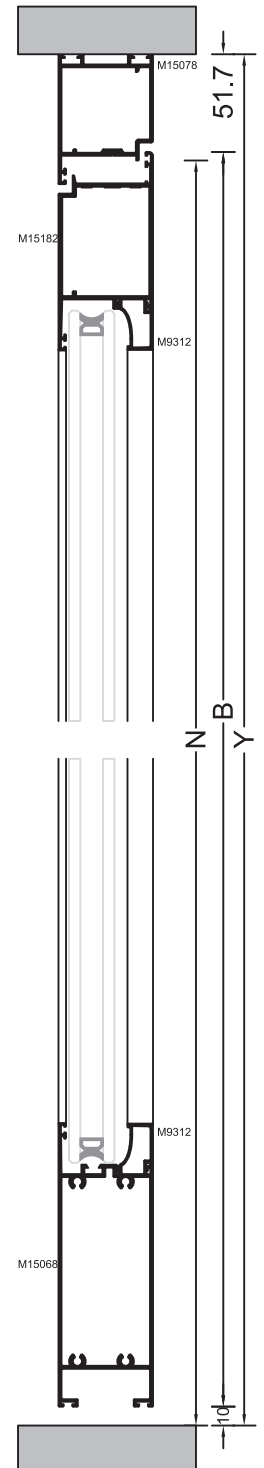
$$A = \frac{M + 4\text{mm}}{2}$$

(HEIGHT OF SASH)

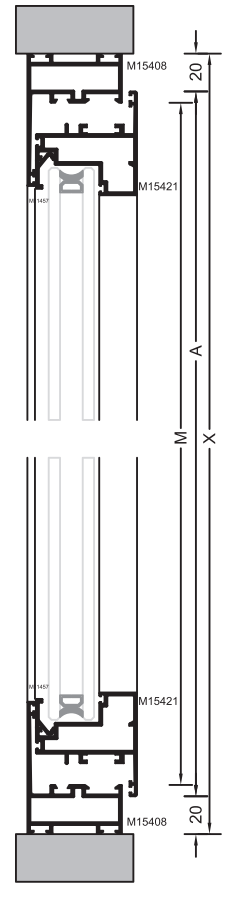
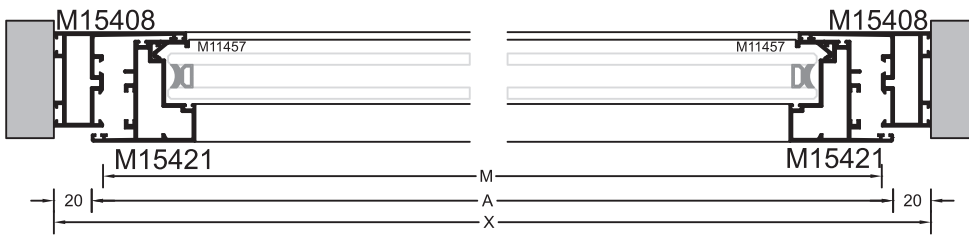
$$B = Y - 61.7 \text{ mm}$$

OR

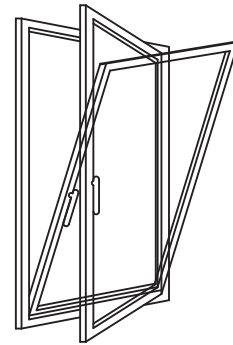
$$B = N - 5.5 \text{ mm}$$



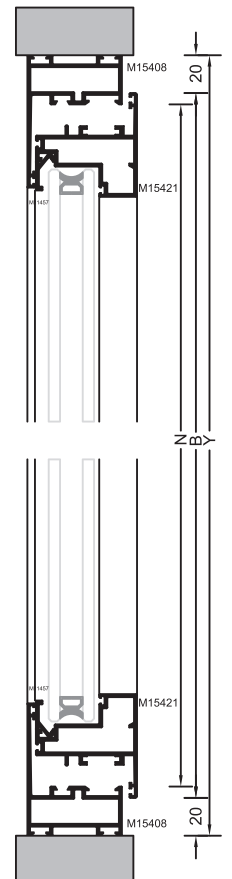
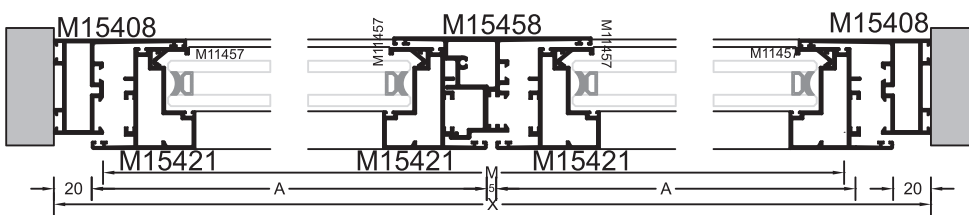
SINGLE LEAF CASEMENT/ TILT-N-TURN WINDOW



(HEIGHT OR WIDTH OF SASH) $A = X - 40 \text{ mm}$ OR $A = M + 12 \text{ mm}$




DOUBLE LEAF CASEMENT/ TILT-N-TURN WINDOW




(WIDTH OF SASH) $\frac{A = X - 45 \text{ mm}}{2}$ OR $\frac{A = M + 7 \text{ mm}}{2}$


(HEIGHT OF SASH) $B = Y - 40 \text{ mm}$ OR $B = N + 12 \text{ mm}$


113-23-270-00	113-23-464-00
113-23-400-00	113-23-554-00
113-23-416-00	
Aluminium	Piece
	
Crimpnail cleat	

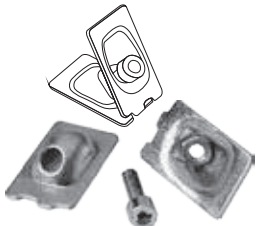
113-13-074-00	113-13-464-00
113-13-368-00	113-13-554-00
113-13-400-00	
Aluminium	Piece
	
Crimpnail cleat	


113-43-389-00	
113-43-400-00	
Aluminium	Piece
	
Crimpnail cleat	


113-57-308-00	113-57-400-00
113-57-383-00	113-57-460-00
Aluminium	Piece
	
Crimpnail cleat	

125-13-368-00	125-13-464-00
125-13-400-00	125-13-554-00
Aluminium	Piece
	
Spring cleat	


125-23-383-00	125-23-467-00
125-23-400-00	125-23-554-00
125-23-416-00	125-23-556-00
125-23-464-00	
Aluminium	Piece
	
Spring cleat	


140-00-219-00	
Aluminium	Piece
	
Cast spring cleat	

125-43-389-00	
125-43-400-00	
Aluminium	Piece
	
Spring cleat	

160-11-213-91	160-11-223-91
160-11-216-91	160-11-233-91
160-11-221-91	160-11-243-91
Aluminium	Piece
	
Inner transom-mullion cleat	

160-11-813-91	160-11-823-91
160-11-816-91	160-11-833-91
160-11-821-91	160-11-843-91
Aluminium	Piece
	
Outer transom-mullion cleat	

180-00-550-00-Black	
Polyamide	Piece
	
Alignment corner	

180-19-000-00	
Steel	Piece
	
Alignment corner	

180-15-004-00:Black

Polyamide Piece



Alignment corner

180-11-408-00:Black

Polyamide Piece



Alignment corner

180-11-801-00:Black

Polyamide Piece



Alignment corner

310-15-195-00:Black

Polyamide Pair



End cap for M15195 threshold profile

300-15-458-00:Black

Polyamide Pair



End cap for M15458 sash inversion profile

220-63-000-01:Black

EPDM Meters



Shutter sash seal gasket

210-15-000-01:Black

EPDM Meters



Central seal gasket

220-11-002-01:Black

EPDM Meters



Seal gasket

200-04-023-01 (2-3mm):Black
200-04-045-01 (4-5mm):Black
200-04-067-01 (6-7mm):Black

EPDM Meters



Inner glazing gasket

220-15-001-01:Black

EPDM Meters



Seal gasket

200-11-420-01:Black

EPDM Meters



Gasket for M11457 glazing bead