

Profile system

- ☐ Glass folding door with non-thermally insulated aluminum profiles
- ☐ Bottom-loaded construction
- ☐ The construction depth of the profiles is 45 mm
- ☐ Option of flush or weathered bottom track
- ☐ The flush bottom track is particularly suitable for use in „Barrier-free dwellings“ according to DIN 18 025
- ☐ Panel open to the inside or outside
- ☐ Opening of panels by sliding to one side or to both sides
- ☐ Flush running and guide tracks
- ☐ Height variations and expansions may be compensated

Fittings

- ☐ All fittings are concealed within the profiles
- ☐ Low-maintenance, non-corroding and failsafe hardware components
- ☐ Locking of panels in top and bottom track and/or via mushroom head-lock engaging into the frame or adjacent panel
- ☐ Locking and unlocking of panels via flat handles with locking device for burglar resistance
- ☐ Optionally fitted with different lock types
- ☐ Hinges are secured against knocking-out of the pivot pins (burglar resistance)
- ☐ An open turn panel may be securely fixed to the adjacent panel by panel catchers

Sealing and ventilation

- ☐ Using EPDM gaskets at two levels guarantees rain- and wind-proofness

Glazing

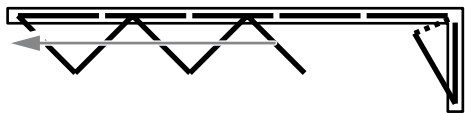
- ☐ A glazing configuration between 6 mm to 24 mm is possible
- ☐ Subsequent replacement of panes without difficulty



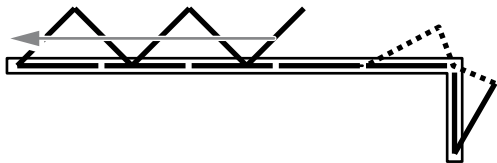
tested SUNFLEX Quality

Corner angles 90°-180° with or without corner post (only available with special corner post/special design!)

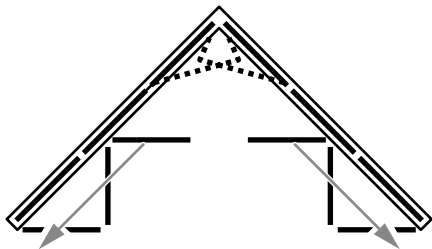
Typ I



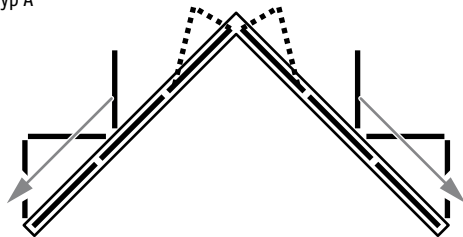
Typ A



Typ I



Typ A



Segmented systems (polygon up to 3,4° (176,6°) possible per segment!)

Typ I

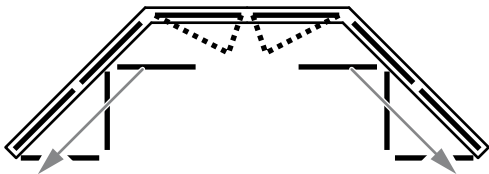


Typ A

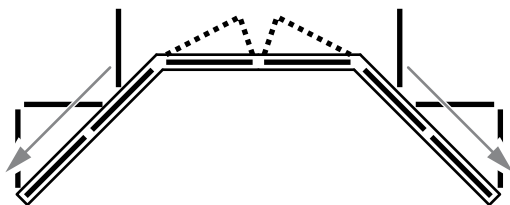


Corner angles 90°-180°

Typ I

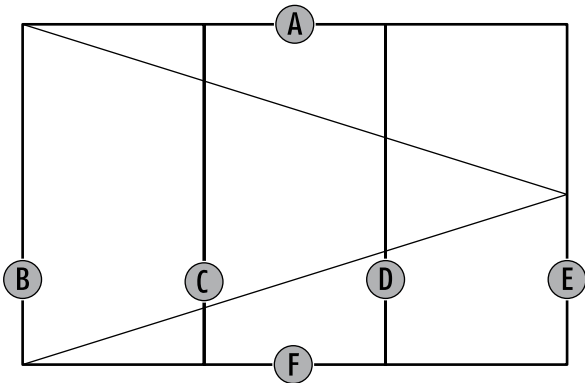


Typ A

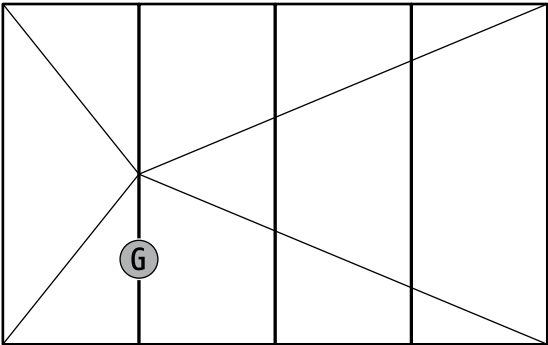


Other floor plan geometries upon request

Typ A = Outward opening of panels Typ I = Inward opening of panels

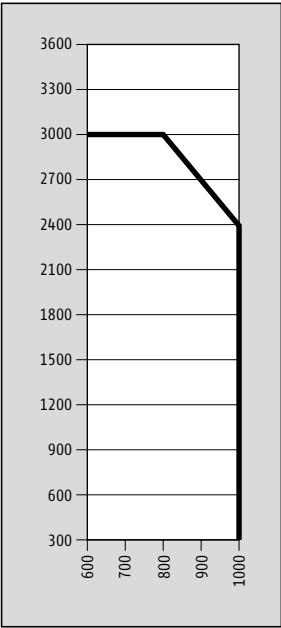


Details at even panel partition in one direction

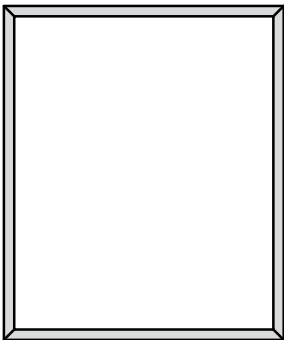


Details at even and uneven panel partition in two directions

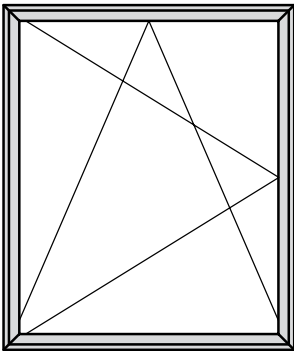
Panel size diagram



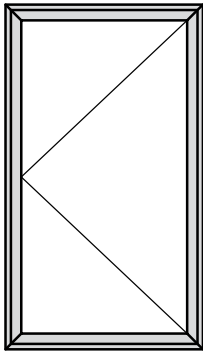
Fix-Elements / Tilt and Turn-Elements / Door-Elements



Fix-Elements

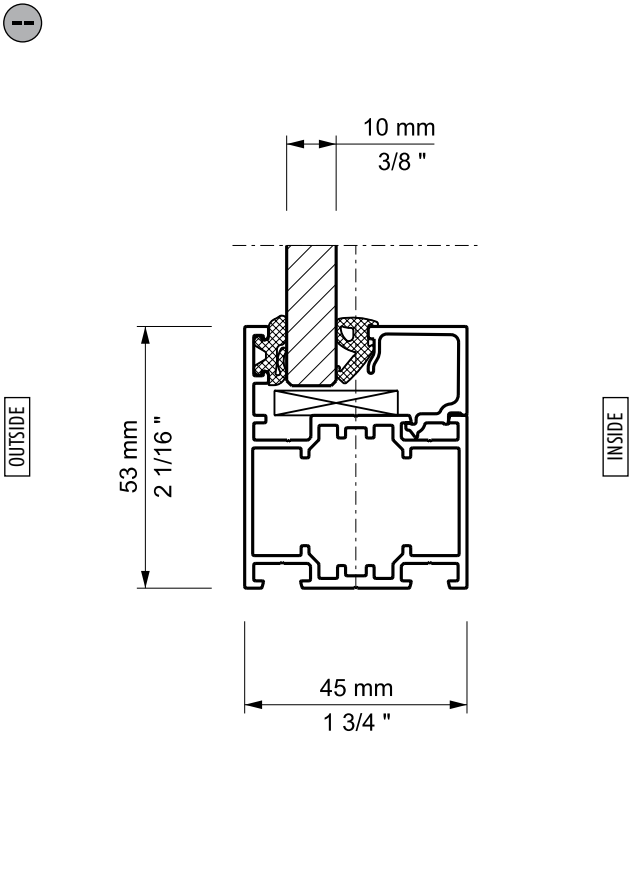
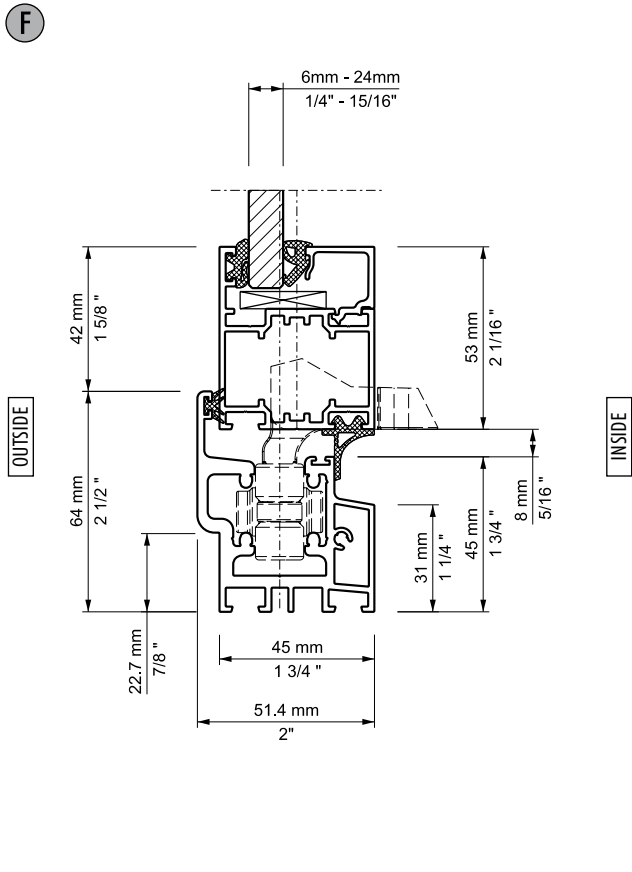
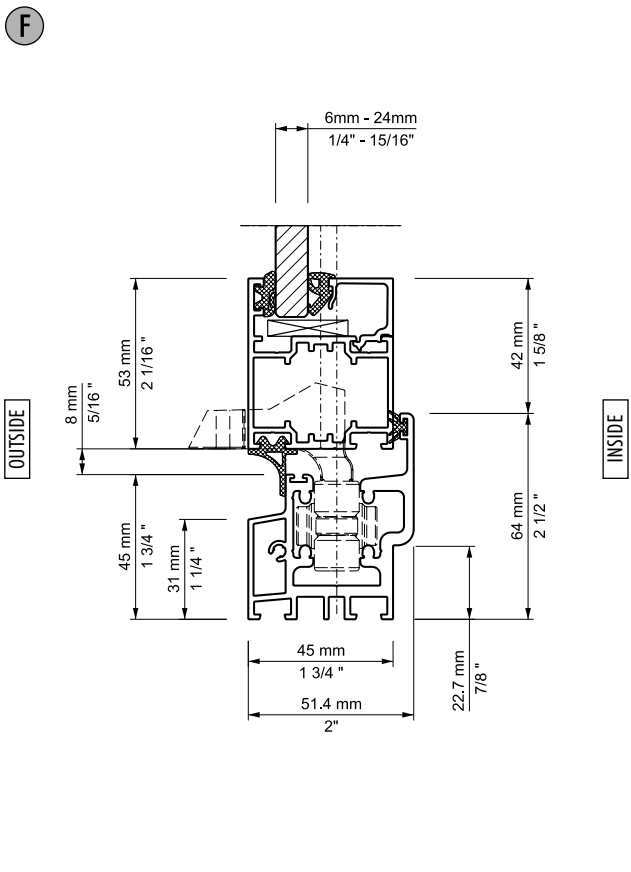
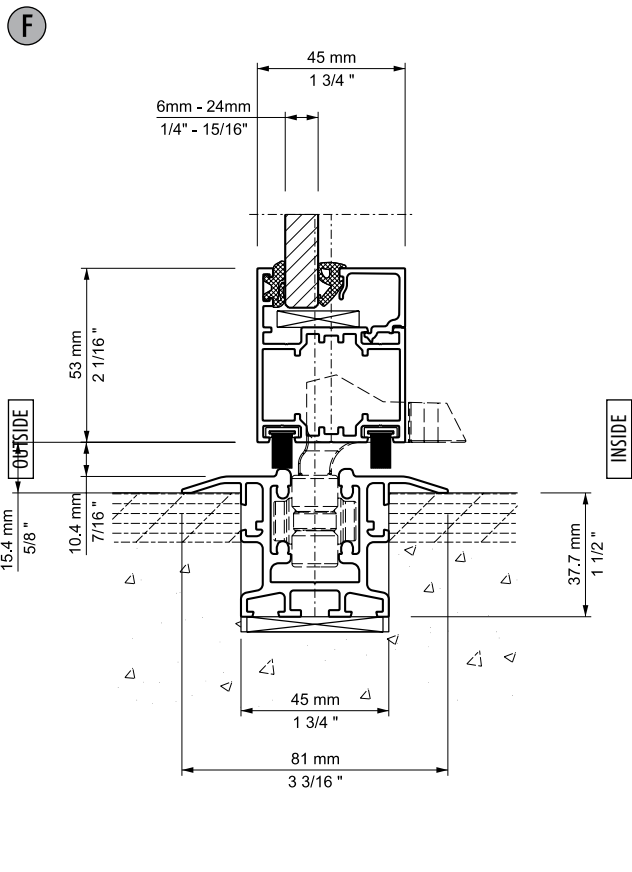


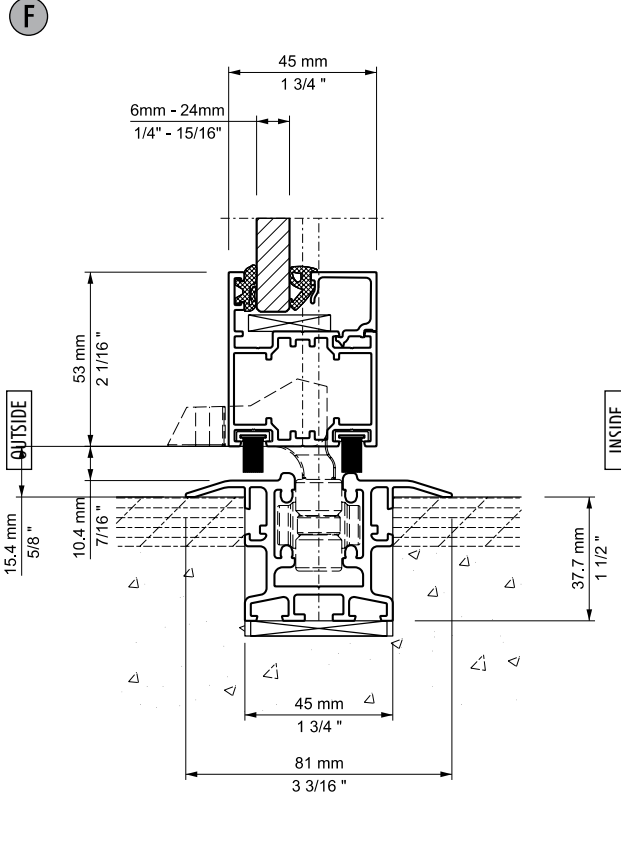
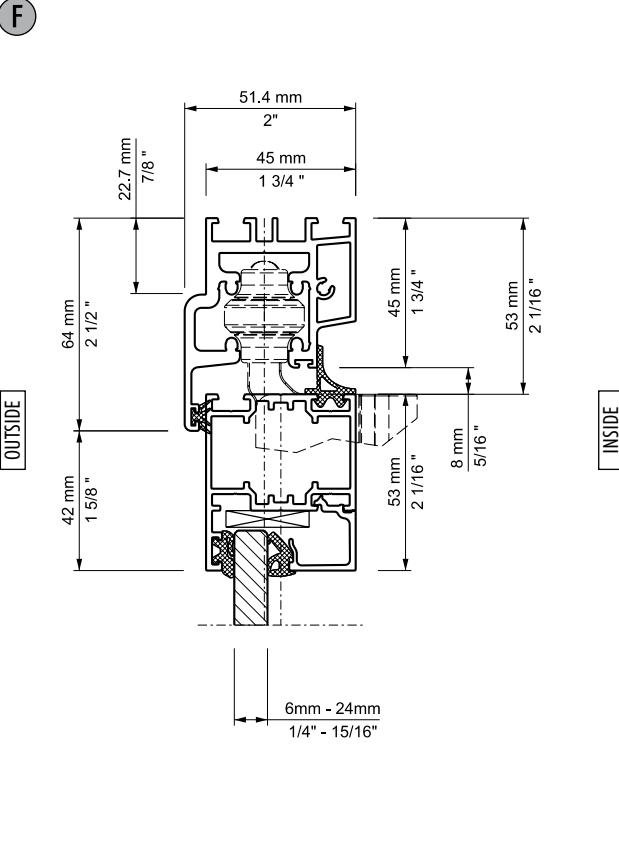
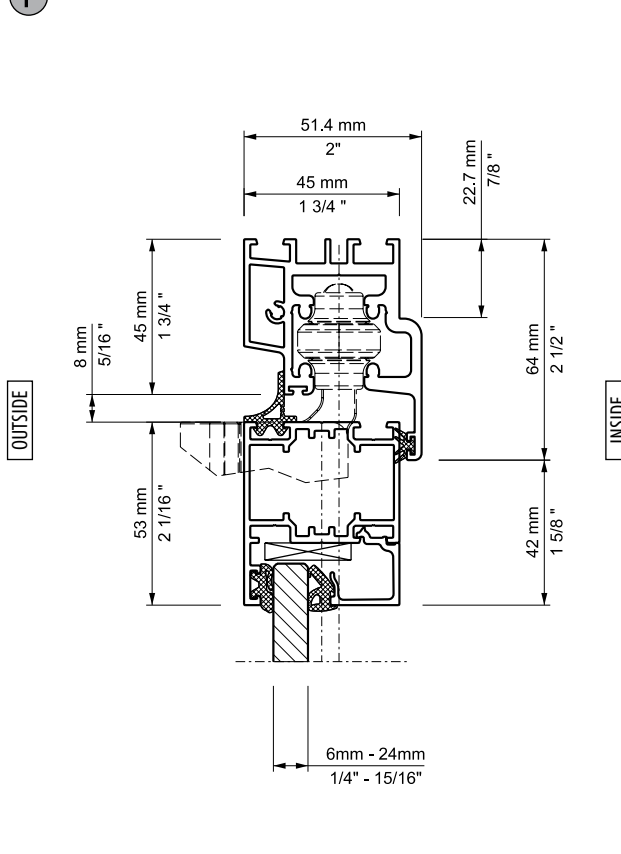
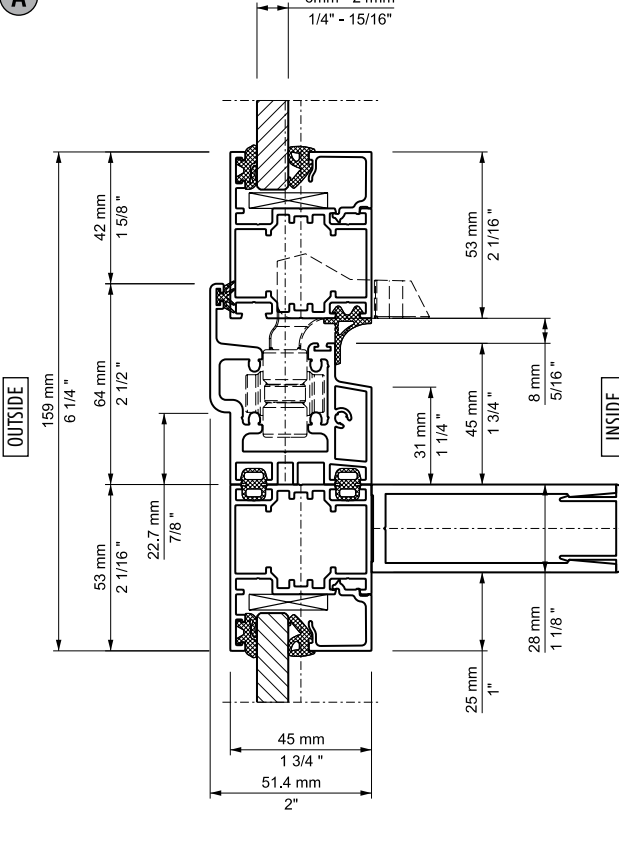
Tilt and Turn-Elements



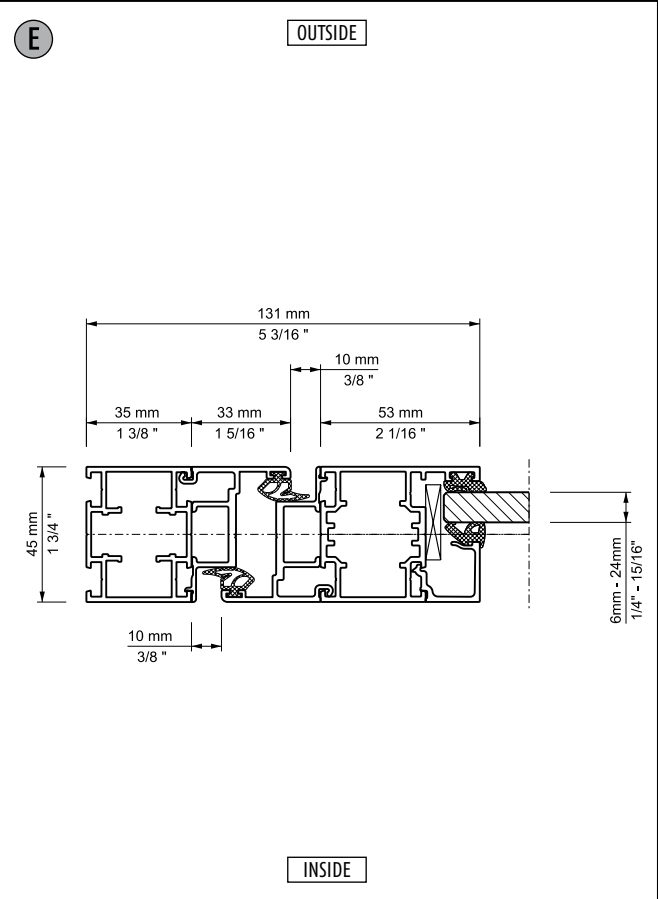
Door-Elements

Ref.	Section	Description	Page
--	SF45-000	Vertical-Section, glazing beads designs	5
F	SF45-001	Vertical-Section, connection bottom track / inside folding	5
F	SF45-003	Vertical-Section, connection bottom track / outside folding	5
F	SF45-005a	Vertical-Section, connection flush bottom track / inside folding	5
F	SF45-005b	Vertical-Section, connection flush bottom track / outside folding	6
F	SF45-002	Vertical-Section, connection top track / inside folding	6
A	SF45-004	Vertical-Section, connection top track / outside folding	6
F	SF45-020	Vertical-Section, strengthening profile for balustrade / inside folding	6
A	SF45-021	Vertical-Section, strengthening profile for overhead light / inside folding	7
A	SF45-022	Vertical-Section, connection top track overhead light / inside folding	7
--	SF45-018	Vertical-Section, midrail	7
--	SF45-012/-013	Vertical-Section, tilt and turn element	7
E	SF45-101	Horizontal-Section, blind frame - panel closing section / inside folding	8
E	SF45-102	Horizontal-Section, blind frame - panel closing section / outside folding	8
C	SF45-103	Horizontal-Section, panel - panel / hinge outside	8
D	SF45-104	Horizontal-Section, panel - panel / hinge inside	8
B	SF45-105	Horizontal-Section, vertical post - panel / profil section	9
B	SF45-106	Horizontal-Section, vertical post - panel / hinge outside	9
G	SF45-108	Horizontal-Section, vertical post - panel / hinge inside	9
E	SF45-111	Horizontal-Section, 90°- connection profile	9
E	SF45-112	Horizontal-Section, 135°- connection profile	10
E	SF45-109	Horizontal-Section, frame extension 35 mm	10
E	SF45-110	Horizontal-Section, frame extension 70 mm	10
E	SF45-109a	Horizontal-Section, frame extension 105 mm (1 x 70 mm + 1 x 35 mm)	10
G	SF45-110a	Horizontal-Section, frame extension 140 mm (2 x 70 mm)	11
G	SF45-115	Horizontal-Section, closing section - sliding post (e.g. 1L/2R) / outside folding	11
G	SF45-116	Horizontal-Section, closing section - sliding post (e.g. 1L/2R) / inside folding	11
--	SF45-117	Horizontal-Section, wall connection with straight panel quantity (z.B. 2R) / outside folding	11
--	SF45-118	Horizontal-Section, wall connection with straight panel quantity (z.B. 2R) / inside folding	12
--	SF45-119	Horizontal-Section, profil section - sliding post (e.g. 2L/2R) / outside folding	12
--	SF45-120	Horizontal-Section, profil section - sliding post (e.g. 2L/2R) / inside folding	12

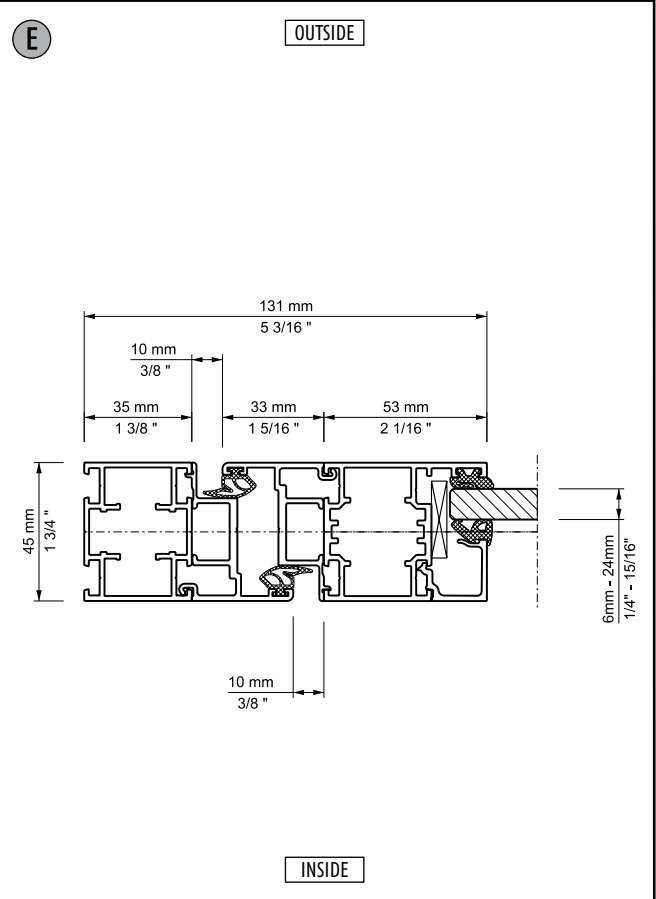
II 	F 
Description: Vertical-Section, glazing beads designs System: SF45 Detail-No.: SF45-000	Description: Vertical-Section, connection bottom track / inside folding System: SF45 Detail-No.: SF45-001
F 	F 
Description: Vertical-Section, connection bottom track / outside folding System: SF45 Detail-No.: SF45-003	Description: Vertical-Section, connection flush bottom track / inside folding System: SF45 Detail-No.: SF45-005a

F 	F 
Description: Vertical-Section, connection flush bottom track / outside folding System: SF45 Detail-No.: SF45-005b	Description: Vertical-Section, connection top track / inside folding System: SF45 Detail-No.: SF45-002
F 	A 
Description: Vertical-Section, connection top track / outside folding System: SF45 Detail-No.: SF45-004	Description: Vertical-Section, strengthening profile for balustrade / inside folding System: SF45 Detail-No.: SF45-020

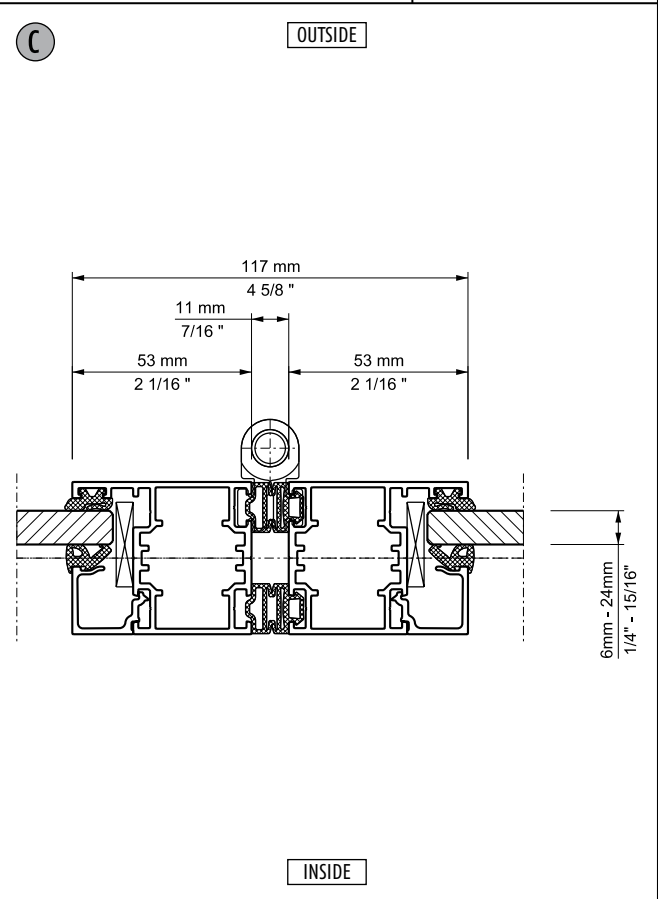
Description: Vertical-Section, strengthening profile for overhead light / inside folding System: SF45 Detail-No.: SF45-021	Description: Vertical-Section, connection top track overhead light / inside folding System: SF45 Detail-No.: SF45-022
Description: Vertical-Section, midrail System: SF45 Detail-No.: SF45-018	Description: Vertical-Section, tilt and turn element System: SF45 Detail-No.: SF45-012/-013



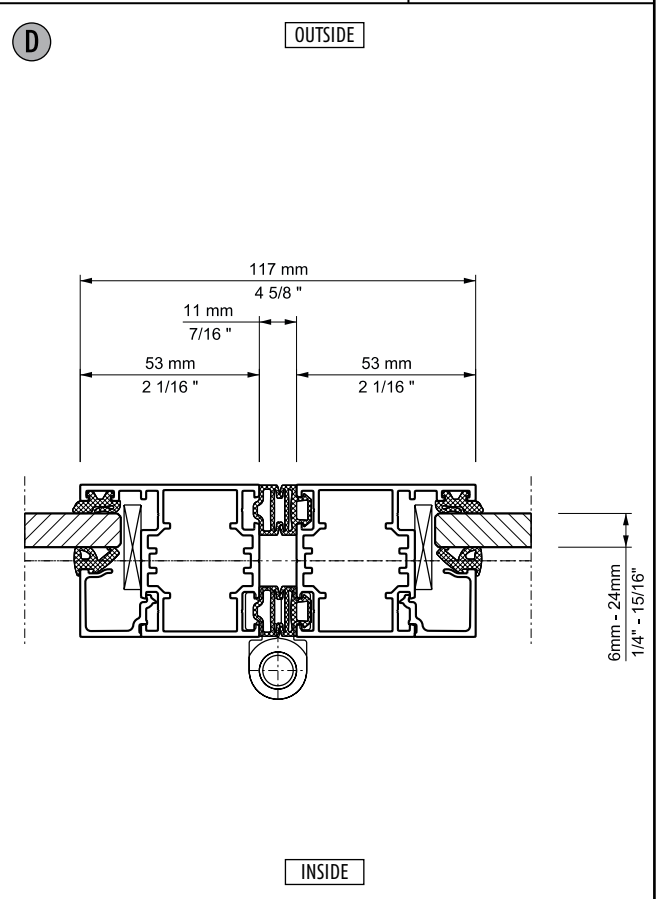
Description: Horizontal-Section, blind frame - panel closing section / inside folding	System: SF45
	Detail-No.: SF45-101



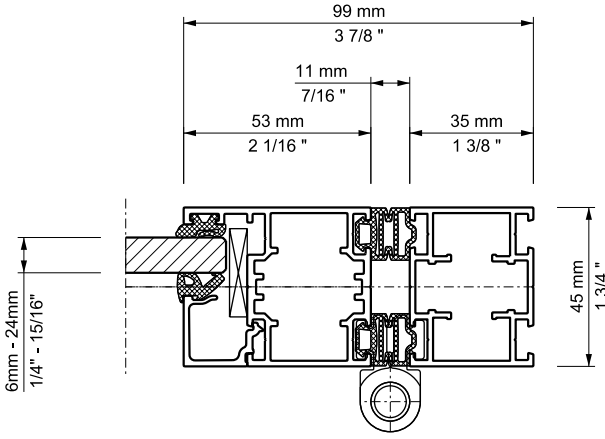
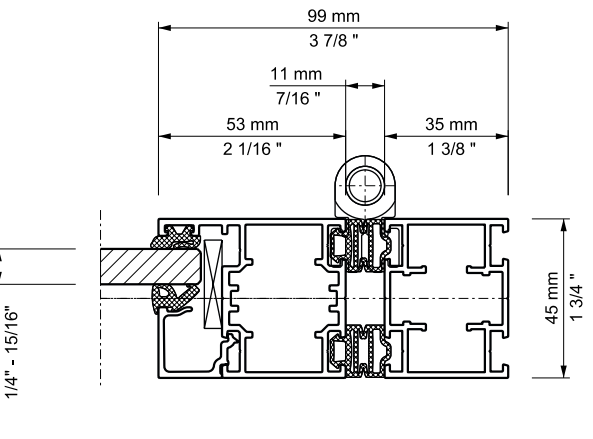
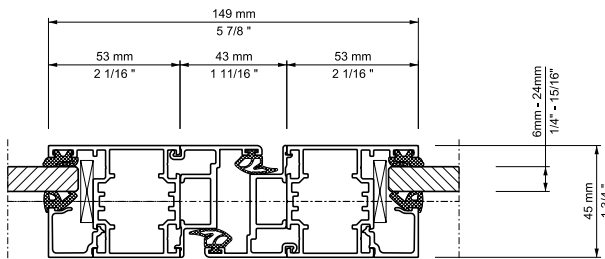
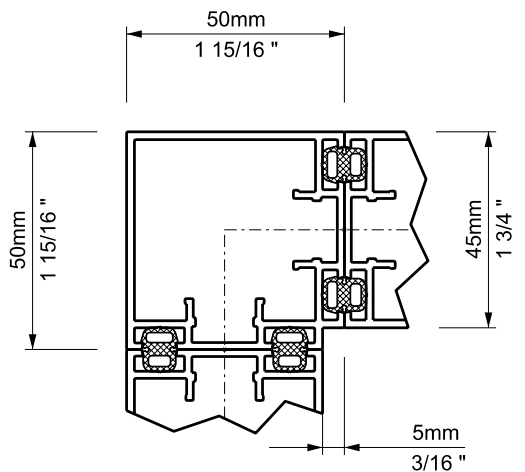
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	Detail-No.: SF45-102

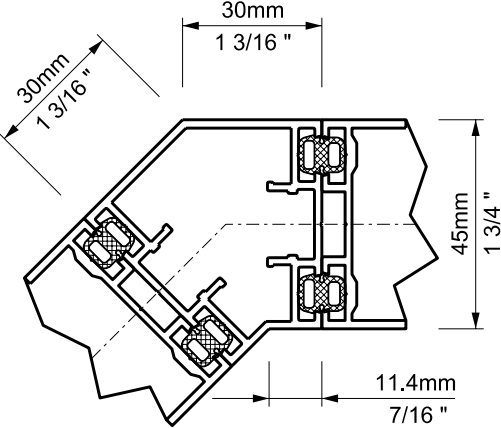
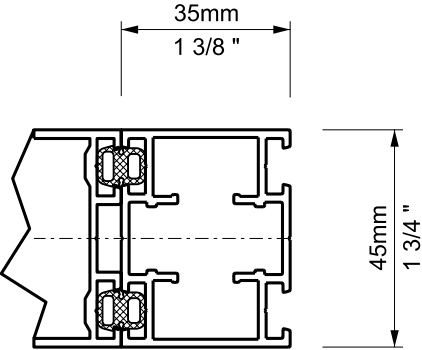
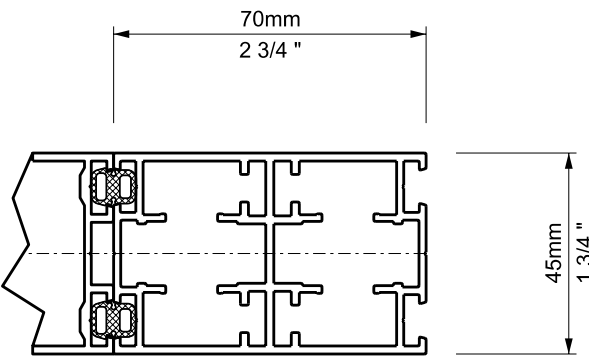
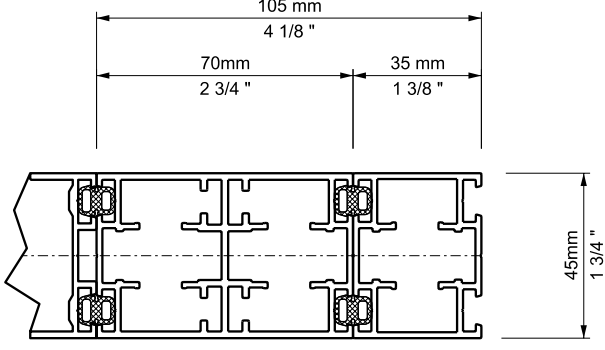


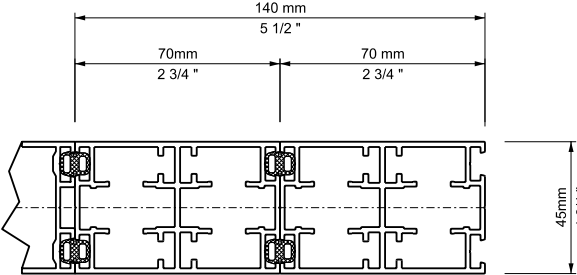
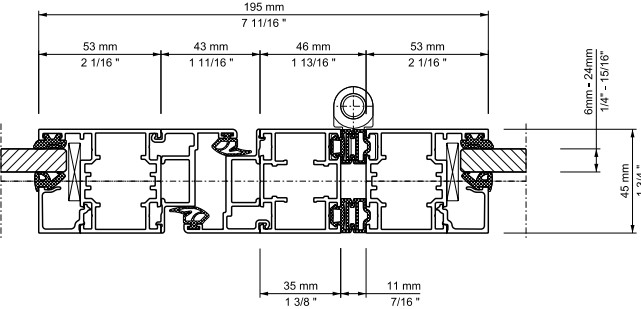
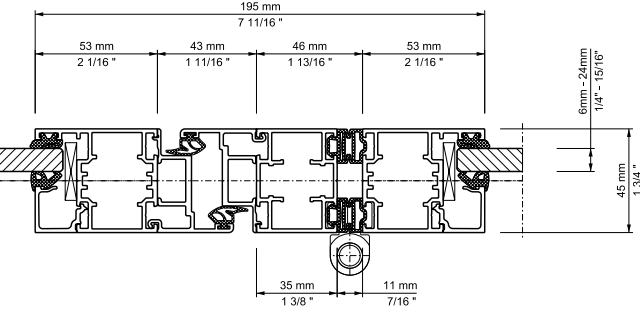
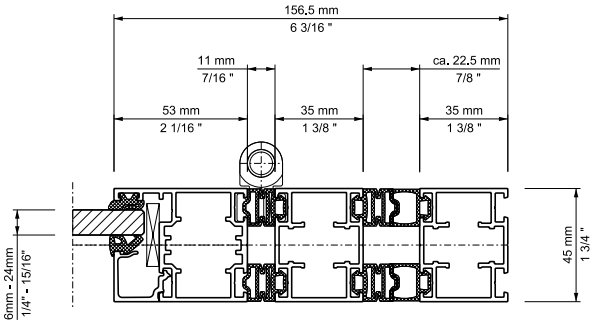
Description: Horizontal-Section, panel - panel / hinge outside	System: SF45
	Detail-No.: SF45-103

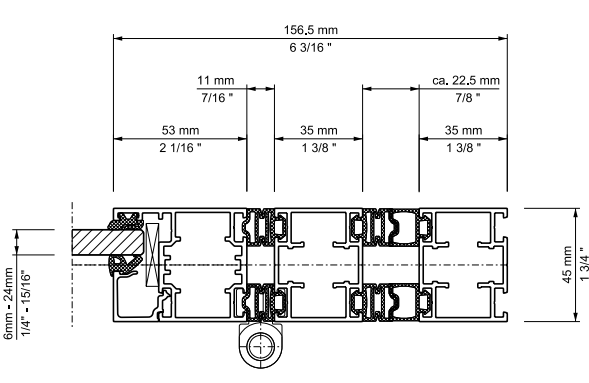
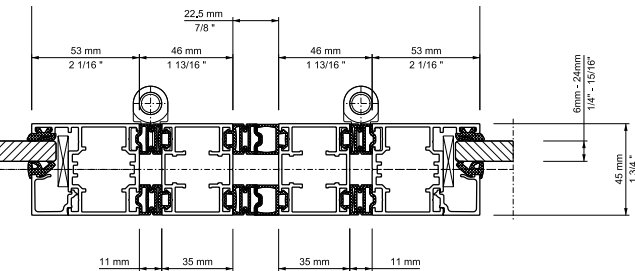
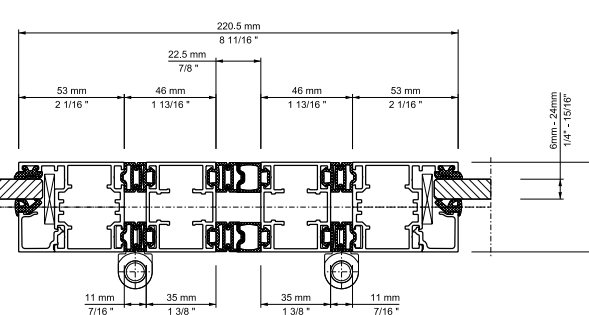


Description: Horizontal-Section, panel - panel / hinge inside	System: SF45
	Detail-No.: SF45-104

B OUTSIDE  INSIDE	B OUTSIDE  INSIDE
Description: Horizontal-Section, vertical post - panel / hinge inside System: SF45 Detail-No.: SF45-105	Description: Horizontal-Section, vertical post - panel / hinge outside System: SF45 Detail-No.: SF45-106
G OUTSIDE  INSIDE	E OUTSIDE  INSIDE
Description: Horizontal-Section, panel- panel / panel section System: SF45 Detail-No.: SF45-108	Description: Horizontal-Section, 90°- connection profile System: SF45 Detail-No.: SF45-111

E OUTSIDE  INSIDE Description: Horizontal-Section, 135°- connection profile System: SF45 Detail-No.: SF45-112		E OUTSIDE  INSIDE Description: Horizontal-Section, frame extension 35 mm System: SF45 Detail-No.: SF45-109	
E OUTSIDE  INSIDE Description: Horizontal-Section, frame extension 70 mm System: SF45 Detail-No.: SF45-110		E OUTSIDE  INSIDE Description: Horizontal-Section, frame extension 105 mm (1 x 70 mm + 1 x 35 mm) System: SF45 Detail-No.: SF45-109a	

E OUTSIDE  INSIDE	Description: Horizontal-Section, frame extension 140 mm (2 x 70 mm) System: SF45 Detail-No.: SF45-110a
G OUTSIDE  INSIDE	Description: Horizontal-Section, closing section - sliding post (e.g. 1L/2R) / outside folding System: SF45 Detail-No.: SF45-115
G OUTSIDE  INSIDE	-- OUTSIDE  INSIDE
Description: Horizontal-Section, closing section - sliding post (e.g. 1L/2R) / inside folding System: SF45 Detail-No.: SF45-116	Description: Horizontal-Section, wall connection with straight panel quantity (z.B. 2R) / outside folding System: SF45 Detail-No.: SF45-117

OUTSIDE  INSIDE		OUTSIDE  INSIDE	
Description: Horizontal-Section, wall connection with straith panel quantity(z.B. 2R) / inside folding		System: SF45	
Detail-No.: SF45-118		Description: Horizontal-Section, profil section - sliding post(e.g. 2U/2R) / outside folding	
Detail-No.: SF45-119			
OUTSIDE  INSIDE			
Description: Horizontal-Section, profil section - sliding post(e.g. 2U/2R) / inside folding		System: SF45	
Detail-No.: SF45-120			