

Profile system

- ☐ Glass folding door with non-thermally insulated aluminum profiles
- ☐ Bottom-loaded construction
- ☐ The construction depth of the profiles is 55 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

Tests

- ☐ Air permeability class 4 according to EN 12207
- ☐ Rain tightness class E900 according to EN 12208
- ☐ Resistance to wind load class B4 according to EN 12210
- ☐ Airborne sound insulation value $R_W = 36$ dB according to DIN EN ISO 140-3
- ☐ Burglar-resistance up to resistance class 2 (WK2)

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

Running assembly

- ☐ Easy adjustment due to a height-adjustable carriage system
- ☐ The running assemblies are located above the water drainage area
- ☐ Low-noise, wear-, heat- and cold-resistant rollers

Sealing and ventilation

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

Glazing

- ☐ A glazing configuration between 8 mm to 36 mm is possible
- ☐ Subsequent replacement of panes without difficulty



Testreport No.23-21/09E, No. 40-29/09 and No. 40-30/09



Testreport ATT 11.11.801.01



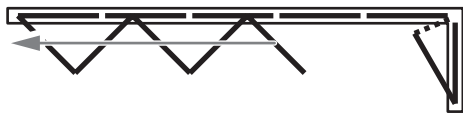
tested SUNFLEX Quality

SG - Bauakustik
Institut für schalltechnische Produktoptimierung

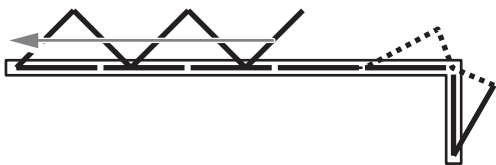
Testreport 1286-001-10

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

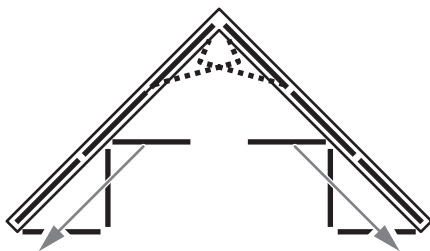
Typ I



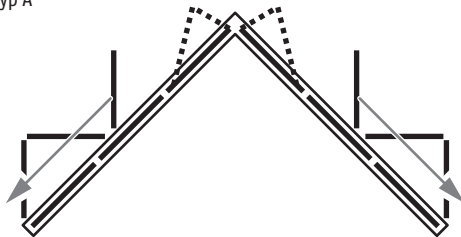
Typ A



Typ I



Typ A



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

Typ I

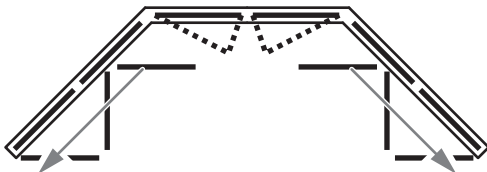


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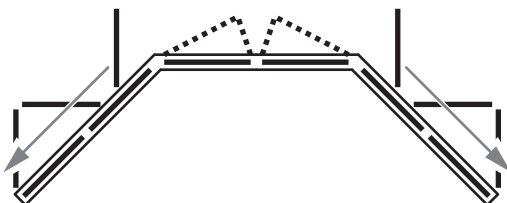


Corner angles 90°-180°

Typ I

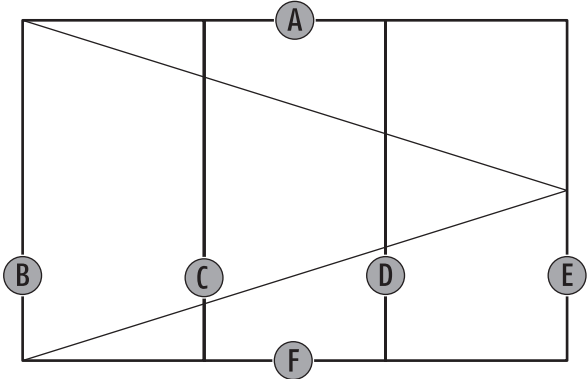


Typ A

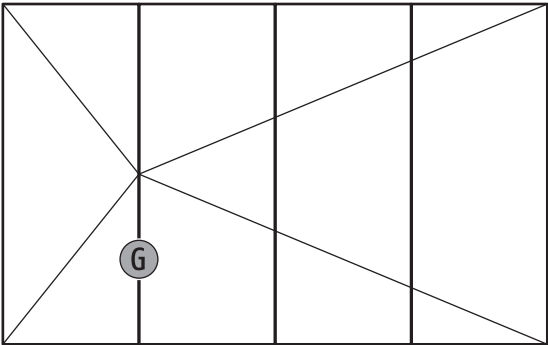


Other floor plan geometries upon request

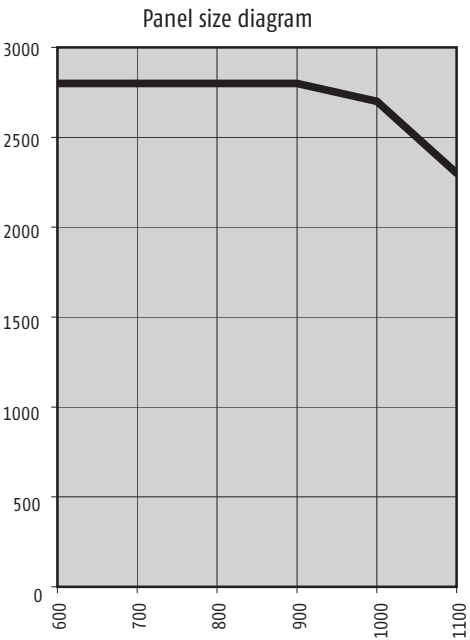
Typ A = Outward opening of panels Typ I = Inward opening of panels



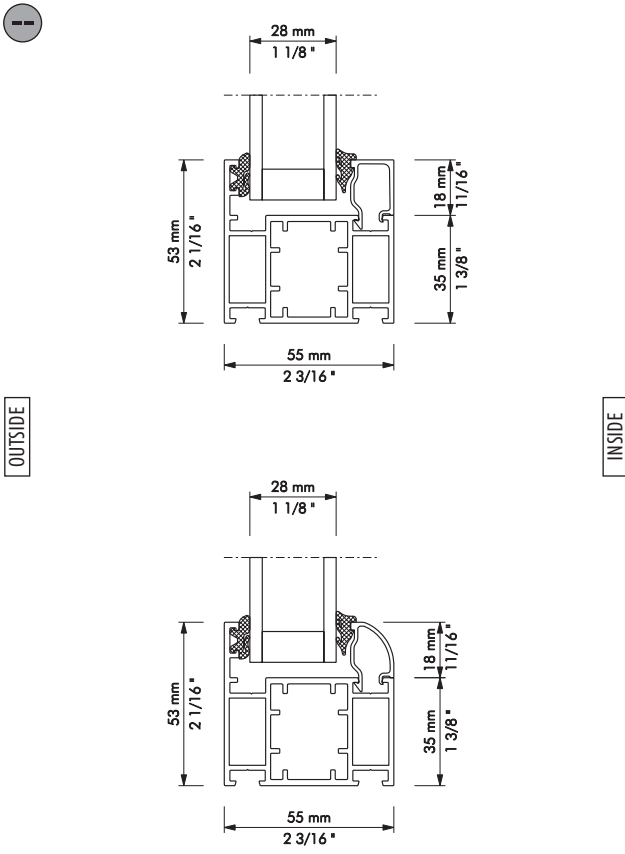
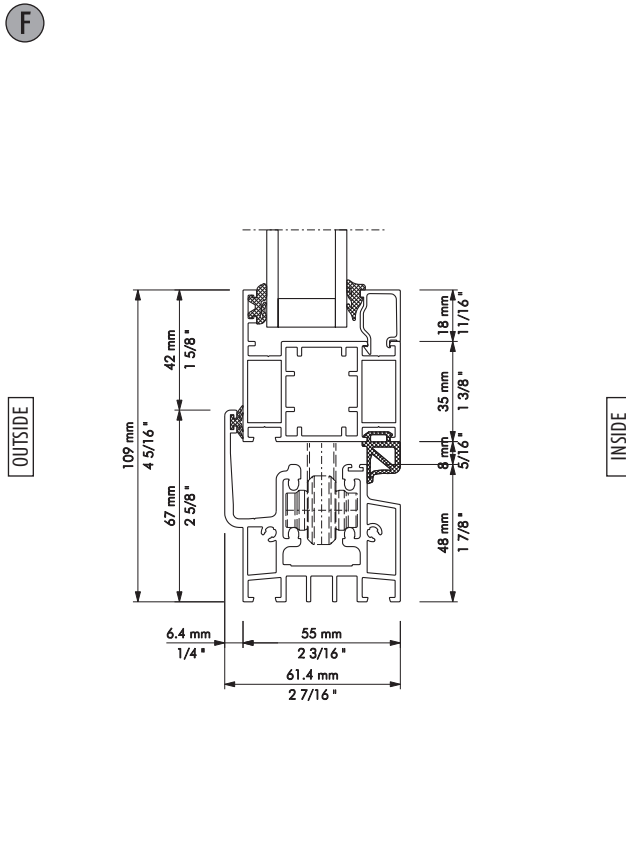
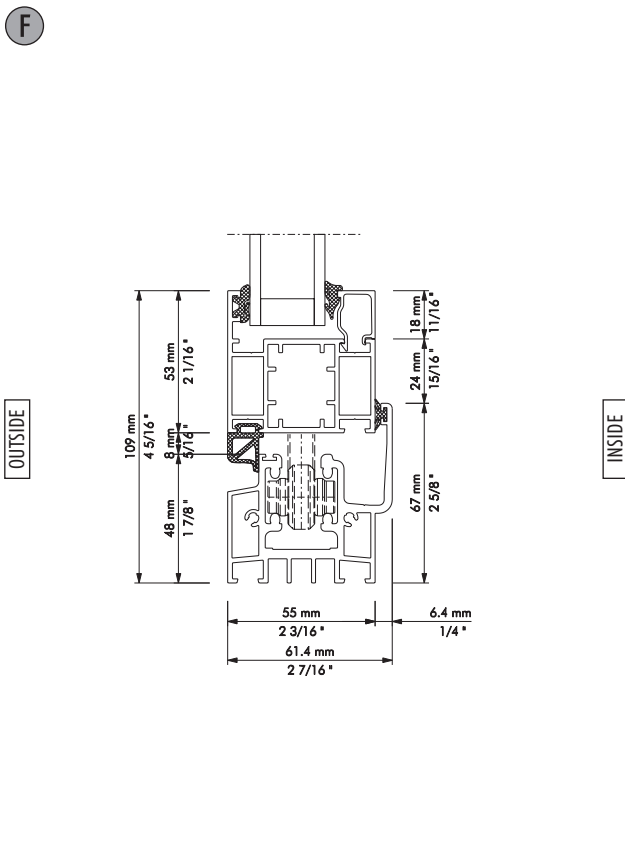
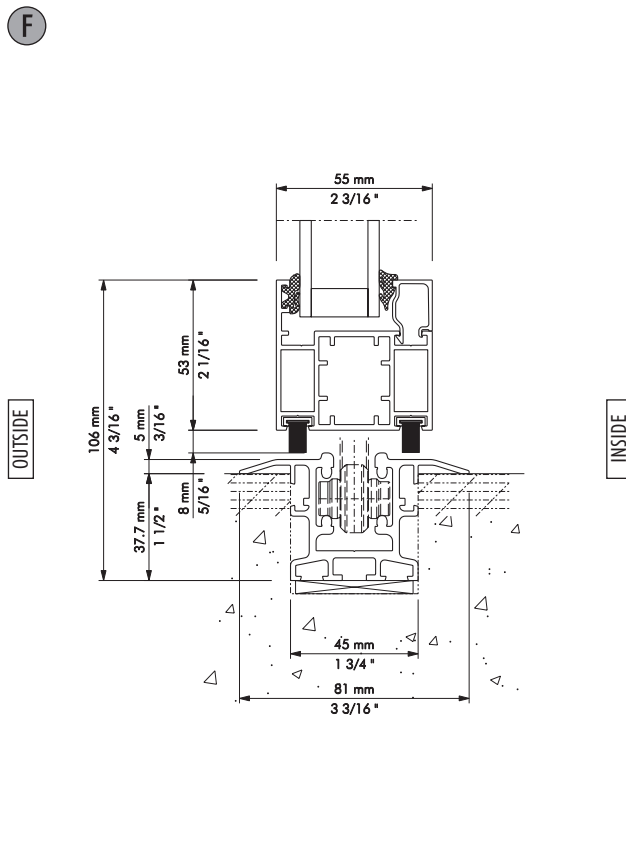
Details at even panel partition in one direction



Details at even and uneven panel partition in two directions



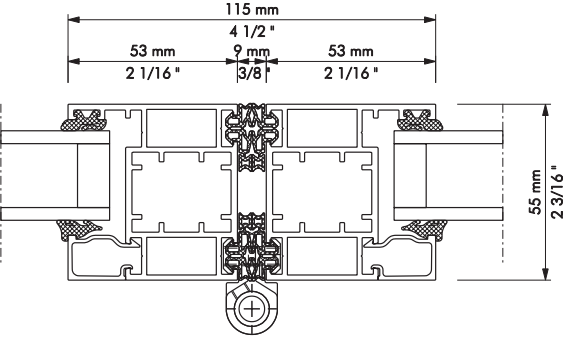
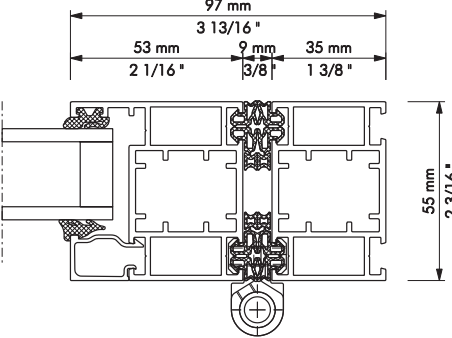
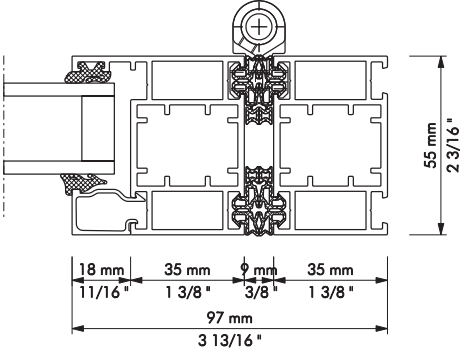
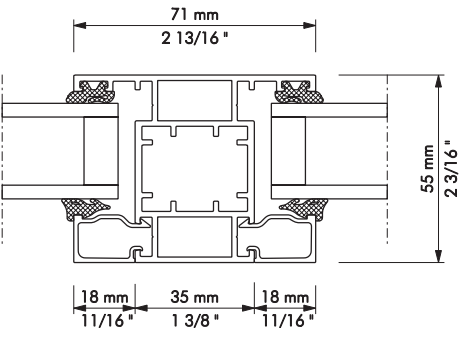
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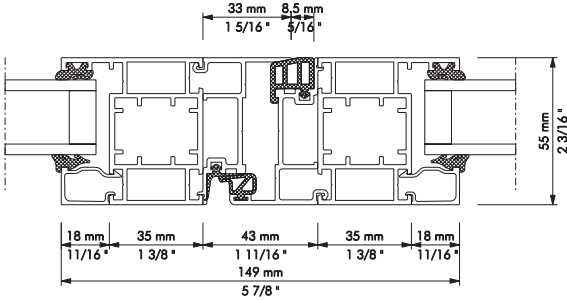
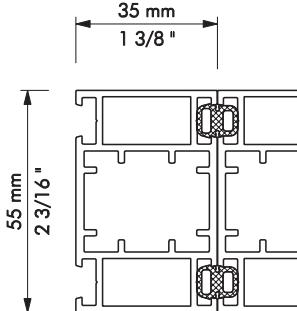
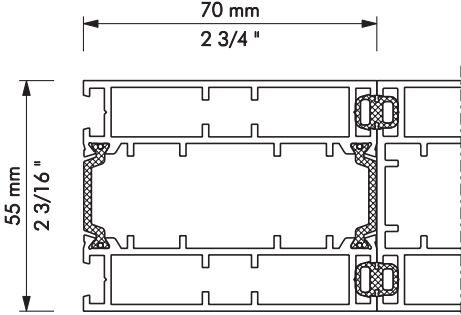
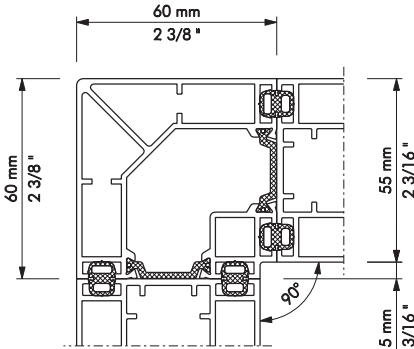
	
Description: Vertical-Section, glazing beads designs (softline + square - edge) System: SF50 Detail-No.: SF50-000	Description: Vertical-Section, connection bottom track / inside folding System: SF50 Detail-No.: SF50-001
	
Description: Vertical-Section, connection bottom track / outside folding System: SF50 Detail-No.: SF50-003	Description: Vertical-Section, connection flush bottom track System: SF50 Detail-No.: SF50-005

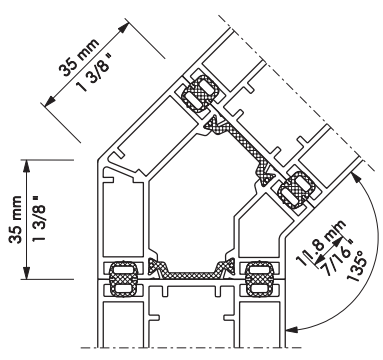
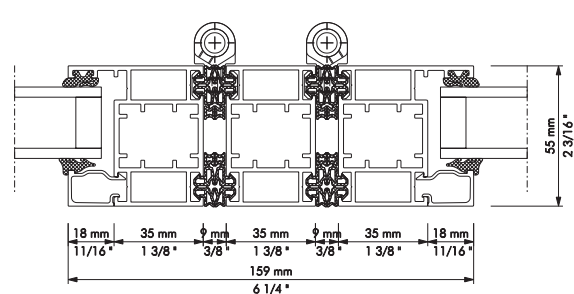
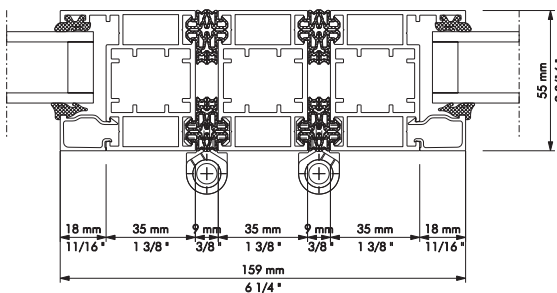
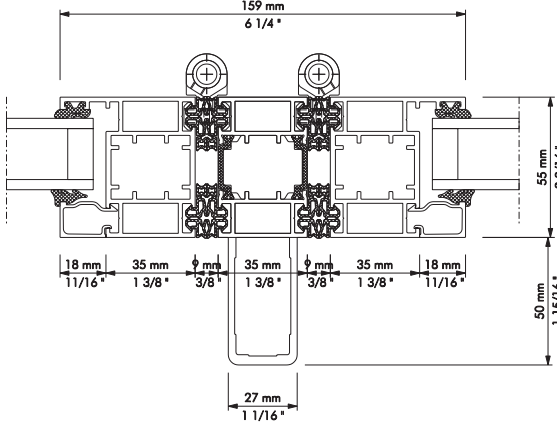
A OUTSIDE INSIDE	A OUTSIDE INSIDE
Description: Vertical-Section, connection top track / inside folding System: SF50 Detail-No.: SF50-002	Description: Vertical-Section, connection top track / outside folding System: SF50 Detail-No.: SF50-004
F OUTSIDE INSIDE	A OUTSIDE INSIDE
Description: Vertical-Section, strengthening profile for balustrade / inside folding System: SF50 Detail-No.: SF50-007	Description: Vertical-Section, strengthening profile for overhead light / inside folding System: SF50 Detail-No.: SF50-008

Technical modifications and errors reserved.

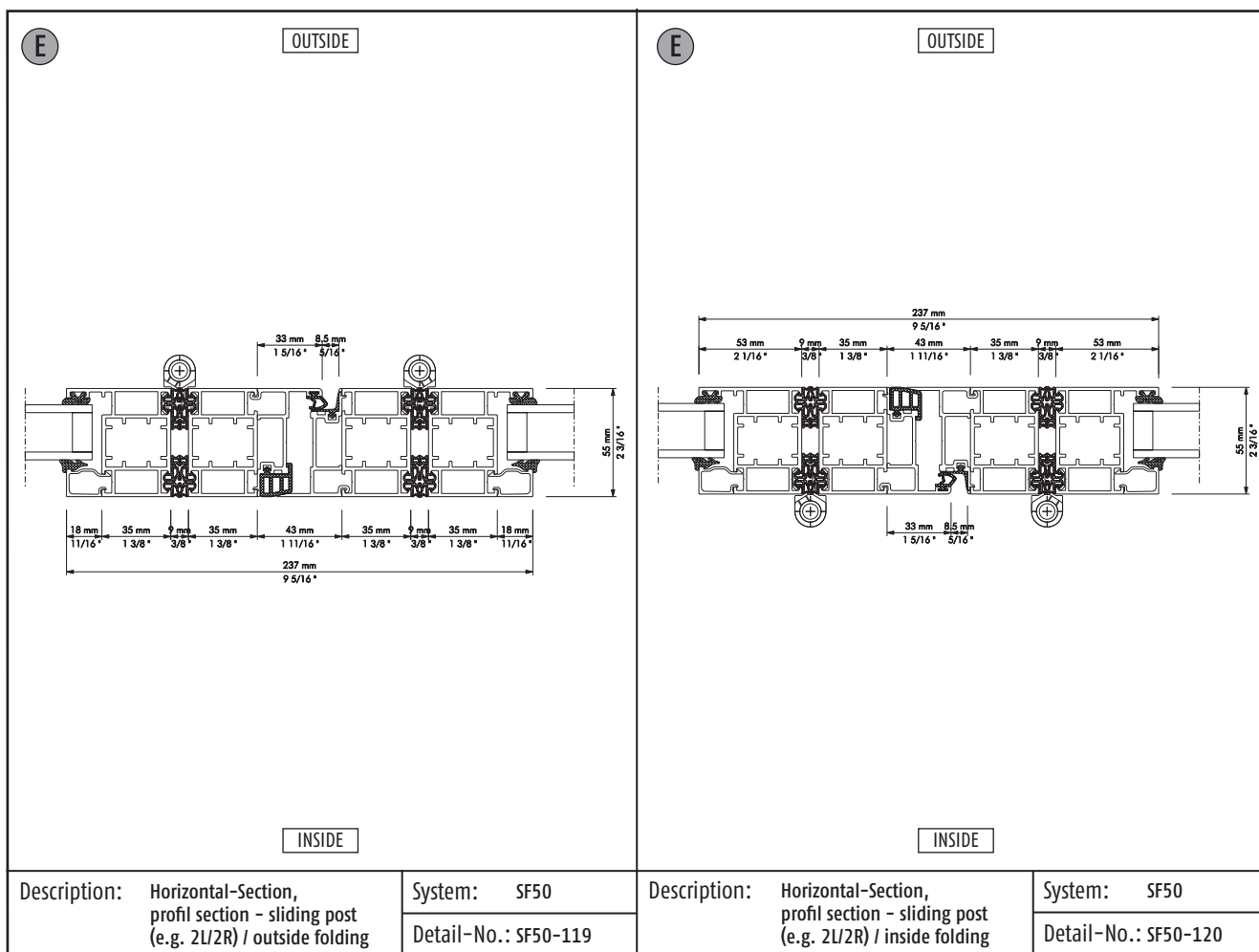
A OUTSIDE INSIDE	E OUTSIDE INSIDE
Description: Vertical-Section, connection top track overhead light / inside folding System: SF50 Detail-No.: SF50-009	Description: Horizontal-Section, blind frame - panel closing section / inside folding System: SF50 Detail-No.: SF50-101
E OUTSIDE INSIDE	C OUTSIDE INSIDE
Description: Horizontal-Section, blind frame - panel closing section / outside folding System: SF50 Detail-No.: SF50-102	Description: Horizontal-Section, panel - panel / hinge outside System: SF50 Detail-No.: SF50-103

C OUTSIDE  INSIDE Description: Horizontal-Section, panel - panel / hinge inside System: SF50 Detail-No.: SF50-104	E OUTSIDE  INSIDE Description: Horizontal-Section, vertical post - panel / hinge inside System: SF50 Detail-No.: SF50-105
E OUTSIDE  INSIDE Description: Horizontal-Section, vertical post - panel / hinge outside System: SF50 Detail-No.: SF50-106	D OUTSIDE  INSIDE Description: Horizontal-Section, midrail System: SF50 Detail-No.: SF50-107

G OUTSIDE  INSIDE	E OUTSIDE  INSIDE
Description: Horizontal-Section, panel - panel closing section	Description: Horizontal-Section, frame extension 35 mm
System: SF50 Detail-No.: SF50-108	System: SF50 Detail-No.: SF50-109
E OUTSIDE  INSIDE	E OUTSIDE  INSIDE
Description: Horizontal-Section, frame extension 70 mm	Description: Horizontal-Section, 90°- connection profile
System: SF50 Detail-No.: SF50-110	System: SF50 Detail-No.: SF50-111

E OUTSIDE  INSIDE	D OUTSIDE  INSIDE
Description: Horizontal-Section, 135°- connection profile System: SF50 Detail-No.: SF50-112	Description: Horizontal-Section, sliding post / hinge outside System: SF50 Detail-No.: SF50-113
D OUTSIDE  INSIDE	D OUTSIDE  INSIDE
Description: Horizontal-Section, sliding post / hinge inside System: SF50 Detail-No.: SF50-121	Description: Horizontal-Section, sliding post incl. strengthening / hinge outside System: SF50 Detail-No.: SF50-114

D OUTSIDE INSIDE	E OUTSIDE INSIDE
Description: Horizontal-Section, closing section - sliding post (e.g. 1L/2R) / outside folding System: SF50 Detail-No.: SF50-115	Description: Horizontal-Section, closing section - sliding post (e.g. 1L/2R) / inside folding System: SF50 Detail-No.: SF50-116
E OUTSIDE INSIDE	E OUTSIDE INSIDE
Description: Horizontal-Section, bl. frame - p. clos. sec. incl. sl. post (e.g. 2R) / outside folding System: SF50 Detail-No.: SF50-117	Description: Horizontal-Section, bl. frame - p. clos. sec. incl. sl. post (e.g. 2R) / inside folding System: SF50 Detail-No.: SF50-118



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