

Profile system

- Glazed folding door with non-thermally insulated aluminum profiles
- The construction depth of the profiles is 45 mm
- Bottom-loaded or top hung construction
- Panels open to the inside, outside or to the centre
- Opening of panels by sliding to one side or to both sides
- 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
- Flush running and guide tracks
- Height variations can be compensated
- Square edge or soft/rounded profile structure

Fittings

- All fittings are concealed within the profiles
- Low-maintenance, non-corroding and failsafe hardware components
- Panels are locked via aluminum rods projecting by about 22 mm into the top and bottom track
- Inside and/or outside locking possible
- Locking and unlocking of panels via flat handles with locking device for burglar resistance
- Fitted with profile cylinder locks (optional)
- An integrated pass through panel with a lever-operated multiple locking system, lock and profile cylinder can be provided
- An integrated tilt, turn or tilt/turn panel may be provided
- 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

- The running assemblies with four rollers can be fitted optionally at the bottom or top
- Low-noise, wear-, heat- and cold-resistant rollers
- The running assemblies are located above the water drainage area

Sealing and ventilation

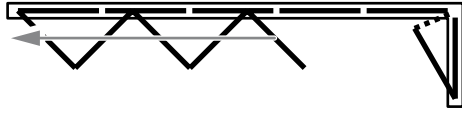
- Using EPDM gaskets at two levels guarantees rain- and wind-proofness

Glazing

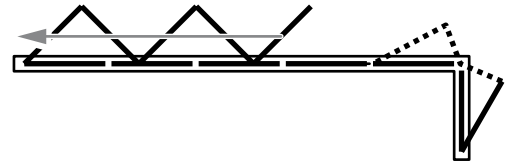
- A glazing configuration between 8 mm to 26 mm is possible
- Subsequent replacement of panes without difficulty

Corner angles 90°-180° with or without corner post

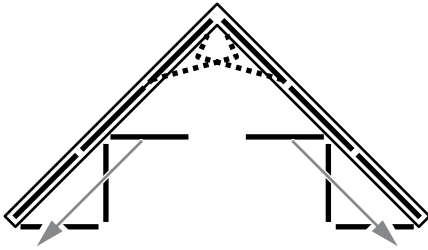
Typ I



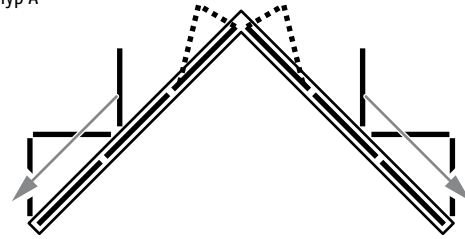
Typ A



Typ I



Typ A



Segmented systems max. 174°

Typ I

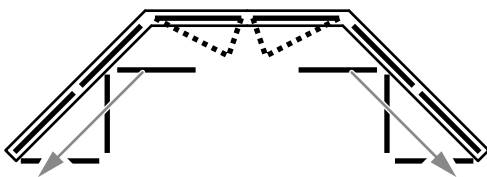


Typ A

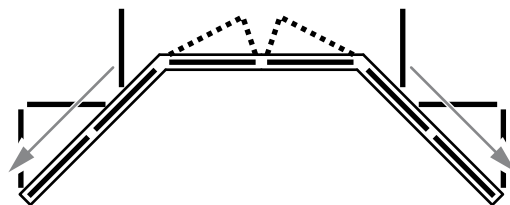


Corner angles 90°-180°

Typ I

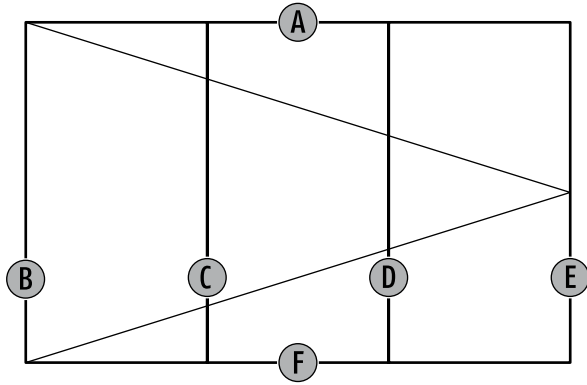


Typ A

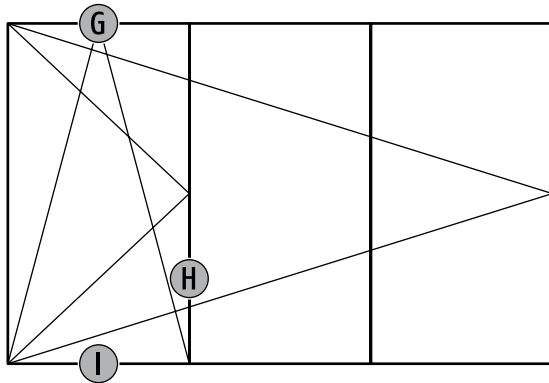


Other floor plan geometries upon request

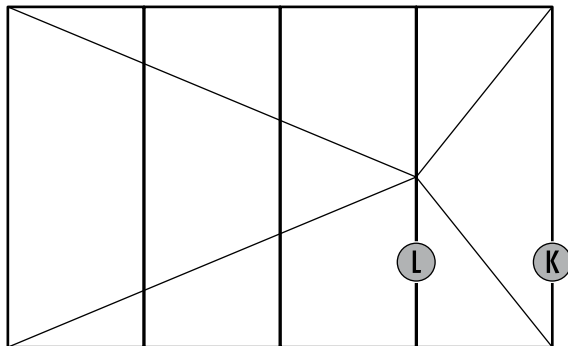
Typ A = Outward opening of panels Typ I = Inward opening of panels



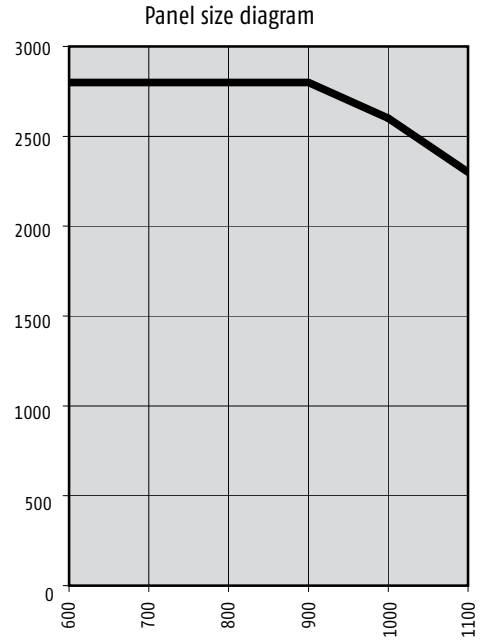
Details at even panel partition in one direction



Details at even panel partition in one direction



Details at even and uneven panel partition in two directions



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<p style="text-align: center;">II</p> <div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); border: 1px solid black; padding: 2px;">OUTSIDE</div> <div style="writing-mode: vertical-rl; border: 1px solid black; padding: 2px;">INSIDE</div> </div>	<p style="text-align: center;">F</p> <div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); border: 1px solid black; padding: 2px;">OUTSIDE</div> <div style="writing-mode: vertical-rl; border: 1px solid black; padding: 2px;">INSIDE</div> </div>		
<p>Description: Vertical-Section, design variants softline (above) + square-edge (below)</p>	<p>System: SF45 Detail-No.: SF45-001</p>	<p>Description: Vertical-Section, bottom track slide track (bottom loaded / inside folding)</p>	<p>System: SF45 Detail-No.: SF45-002</p>
<p style="text-align: center;">F</p> <div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); border: 1px solid black; padding: 2px;">OUTSIDE</div> <div style="writing-mode: vertical-rl; border: 1px solid black; padding: 2px;">INSIDE</div> </div>	<p style="text-align: center;">F</p> <div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); border: 1px solid black; padding: 2px;">OUTSIDE</div> <div style="writing-mode: vertical-rl; border: 1px solid black; padding: 2px;">INSIDE</div> </div>		
<p>Description: Vertical-Section, bottom track slide track (hanging construction) / inside folding</p>	<p>System: SF45 Detail-No.: SF45-003</p>	<p>Description: Vertical-Section, bottom track flush slide track (bottom loaded)</p>	<p>System: SF45 Detail-No.: SF45-004</p>

<p>F</p>	<p>F</p>		
<p>Description: Vertical-Section, bottom track flush slide track (hanging construction)</p>	<p>System: SF45 Detail-No.: SF45-005</p>	<p>Description: Vertical-Section, bottom track slide track (bottom loaded) / outside folding</p>	<p>System: SF45 Detail-No.: SF45-006</p>
<p>F</p>	<p>A</p>		
<p>Description: Vertical-Section, bottom track slide track (hanging construction) / outside folding</p>	<p>System: SF45 Detail-No.: SF45-007</p>	<p>Description: Vertical-Section, top track (bottom loaded) / inside folding</p>	<p>System: SF45 Detail-No.: SF45-008</p>

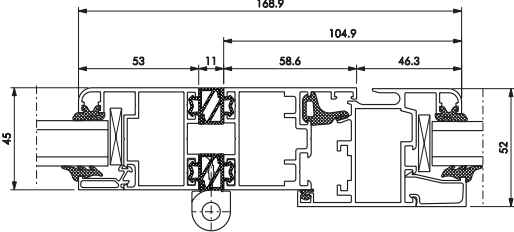
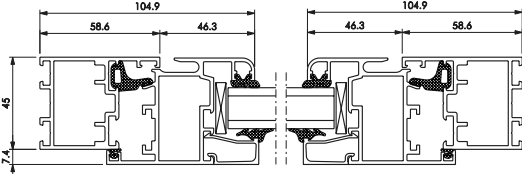
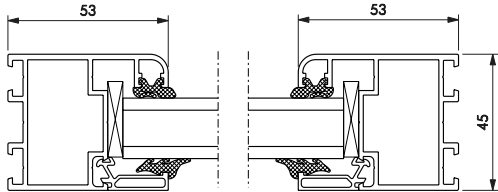
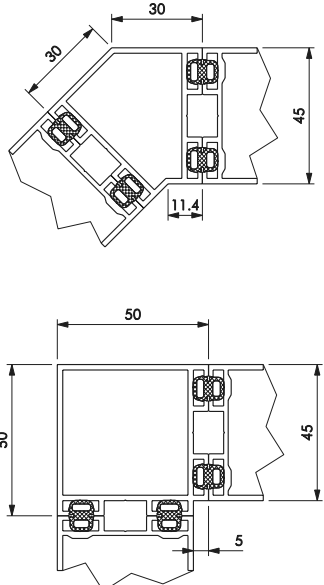
<p>A</p>	<p>A</p>		
<p>Description: Vertical-Section, top track (hanging construction) / inside folding</p>	<p>System: SF45 Detail-No.: SF45-009</p>	<p>Description: Vertical-Section, top track (bottom loaded) / outside folding</p>	<p>System: SF45 Detail-No.: SF45-010</p>
<p>A</p>	<p>A F</p>		
<p>Description: Vertical-Section, top track (hanging construction) / outside folding</p>	<p>System: SF45 Detail-No.: SF45-011</p>	<p>Description: Vertical-Section, door element / inside opened</p>	<p>System: SF45 Detail-No.: SF45-016</p>

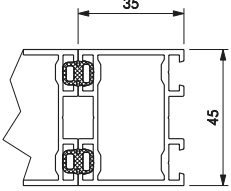
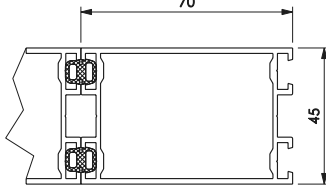
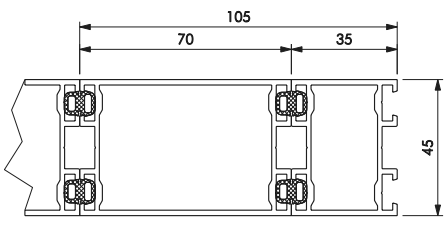
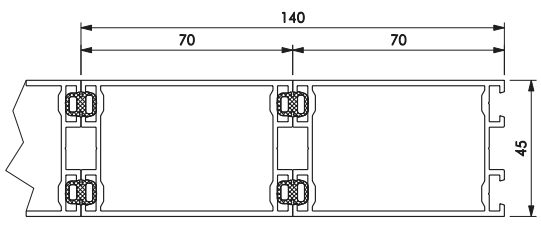
<p>A F</p>	<p>II</p>		
<p>Description: Vertical-Section, door element / outside opened</p>	<p>System: SF45 Detail-No.: SF45-017</p>	<p>Description: Vertical-Section, midrail - softline (above) + square-edge (below)</p>	<p>System: SF45 Detail-No.: SF45-018</p>
<p>G I</p>	<p>E</p>		
<p>Description: Vertical-Section, tilt and turn element</p>	<p>System: SF45 Detail-No.: SF45-019</p>	<p>Description: Horizontal-Section, blind frame - turn panel sealing / inside folding</p>	<p>System: SF45 Detail-No.: SF45-101</p>

<p>E OUTSIDE</p> <p>INSIDE</p>	<p>J OUTSIDE</p> <p>INSIDE</p>		
<p>Description: Horizontal-Section, blind frame - turn panel sealing / outside folding</p>	<p>System: SF45 Detail-No.: SF45-102</p>	<p>Description: Horizontal-Section, turn panel - turn panel / inside + outside folding</p>	<p>System: SF45 Detail-No.: SF45-103</p>
<p>B OUTSIDE</p> <p>INSIDE</p>	<p>B OUTSIDE</p> <p>INSIDE</p>		
<p>Description: Horizontal-Section, blind frame - panel hinge side / inside folding</p>	<p>System: SF45 Detail-No.: SF45-104</p>	<p>Description: Horizontal-Section, blind frame - panel hinge side / outside folding</p>	<p>System: SF45 Detail-No.: SF45-105</p>

<p>K OUTSIDE</p> <p>INSIDE</p>	<p>K OUTSIDE</p> <p>INSIDE</p>		
<p>Description: Horizontal-Section, blind frame - panel closing side (2-, 4-, 6-panel) / inside folding</p>	<p>System: SF45 Detail-No.: SF45-106</p>	<p>Description: Horizontal-Section, blind frame - panel closing side (2-, 4-, 6-panel) / outside folding</p>	<p>System: SF45 Detail-No.: SF45-107</p>
<p>D OUTSIDE</p> <p>INSIDE</p>	<p>C OUTSIDE</p> <p>INSIDE</p>		
<p>Description: Horizontal-Section, panel - panel hinge inside recumbent</p>	<p>System: SF45 Detail-No.: SF45-108</p>	<p>Description: Horizontal-Section, panel - panel hinge outside recumbent</p>	<p>System: SF45 Detail-No.: SF45-109</p>

Technical modifications and errors reserved.

<p>H OUTSIDE</p>  <p>INSIDE</p>	<p>H OUTSIDE</p>  <p>INSIDE</p>		
<p>Description: Horizontal-Section, panel - panel + integr. tilt and turn element</p>	<p>System: SF45 Detail-No.: SF45-110</p>	<p>Description: Horizontal-Section, turn-, break over-, tilt and turn element</p>	<p>System: SF45 Detail-No.: SF45-111</p>
<p>I OUTSIDE</p>  <p>INSIDE</p>	<p>E OUTSIDE</p>  <p>INSIDE</p>		
<p>Description: Horizontal-Section, fix element</p>	<p>System: SF45 Detail-No.: SF45-112</p>	<p>Description: Horizontal-Section, 90° and 135° corner post</p>	<p>System: SF45 Detail-No.: SF45-113</p>

<p>E OUTSIDE</p>  <p>INSIDE</p>	<p>E OUTSIDE</p>  <p>INSIDE</p>		
<p>Description: Horizontal-Section, frame extension 35 mm</p>	<p>System: SF45 Detail-No.: SF45-114</p>	<p>Description: Horizontal-Section, frame extension 70 mm</p>	<p>System: SF45 Detail-No.: SF45-115</p>
<p>E OUTSIDE</p>  <p>INSIDE</p>	<p>E OUTSIDE</p>  <p>INSIDE</p>		
<p>Description: Horizontal-Section, frame extension 105 mm (1x 75 mm + 1x 35 mm)</p>	<p>System: SF45 Detail-No.: SF45-116</p>	<p>Description: Horizontal-Section, frame extension 140 mm (2x 70 mm)</p>	<p>System: SF45 Detail-No.: SF45-117</p>

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