

Profile system

- ☐ All-glass sliding system
- ☐ Bottom loaded/running construction
- ☐ 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
- ☐ Optionally with or without lateral vertical frame profiles
- ☐ Optionally with or without vertical panel frames
- ☐ Height variations of up to 20 mm can be compensated

Fittings

- ☐ All fittings are concealed within the profiles
- ☐ Low-maintenance, non-corroding and failsafe fittings
- ☐ Integrated followers automatically move the adjacent panels when opening and closing the sliding panel
- ☐ Various handles and C-pull handles available for inside and outside
- ☐ Inside and/or outside locking possible
- ☐ Optionally with inside or outside lever lock

Tests

- ☐ Airborne sound insulation to $R_w = 17$ dB according to DIN EN ISO 10140-2
- ☐ Measurement of deflection class 4 according to DIN EN 12211/12210 (10 mm glass)
- ☐ Repeated pressure/wind suction class 4 according to DIN EN 12211/12210 (10 mm glass)
- ☐ Safety test class 4 according to DIN EN 12211/12210 (10 mm glass)

Running assembly

- ☐ Low-noise, ball bearing rollers with wear-resistant and low-maintenance running surfaces
- ☐ The carriages feature a height adjustment of up to 5 mm
- ☐ The load capacity of the carriages is 80 kg/panel (maximum panel weight)

Sealing and ventilation

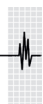
- ☐ Sliding panels overlap vertically by approximately 25 mm
- ☐ Gap of approximately 8 mm between glass panels (when 10 mm glazing is used)
- ☐ Gap sealing via aluminium profile with brush gaskets
- ☐ Brush gaskets are fitted horizontally at the top and at the vertical frame on the inside and outside

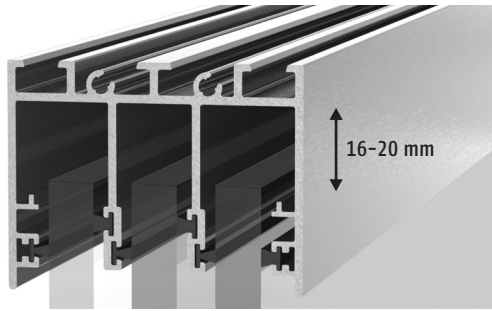
Glazing

- ☐ 8 or 10 mm tempered safety glass panes (ESG-H)

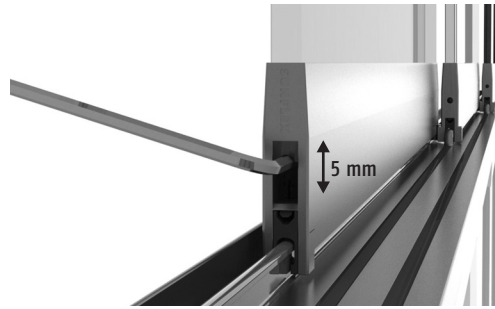
Drainage

- ☐ Inclined floor construction and length-optimized webs
- ☐ End caps for lateral sealing of the bottom tracks



**Height compensation**

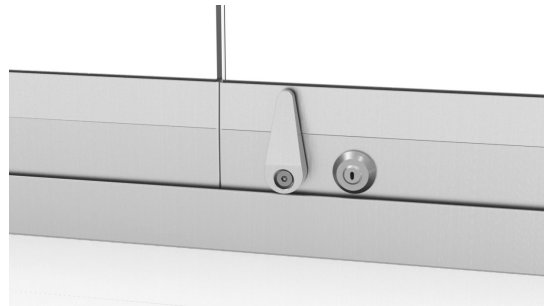
The ceiling rail adjusts to height differences from 16-20 mm in case of building subsidences at the upper construction.

**Height adjustment**

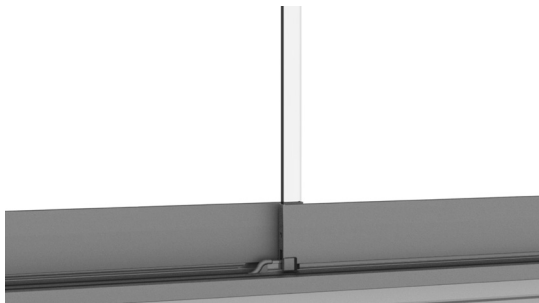
To compensate for structural variations the integrated rollers can be adjusted for height by up to 5 mm.

**Drainage and cleaning**

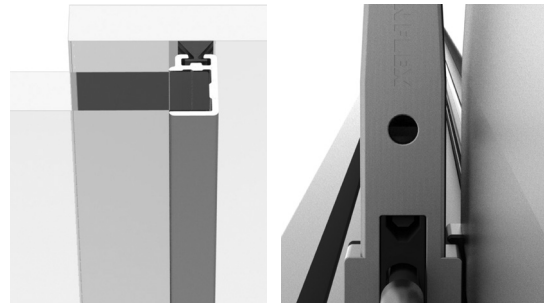
A sloping floor construction and optimally shortened rail lengths permit unpressurised drainage and simple cleaning of the floor rail. The anti-slip coating ensures that the floor rail surface is safe to walk on.

**Locking mechanism**

Optionally an handle, a lock and a locking mechanism can be fitted to the panel internally and externally.

**Sealing**

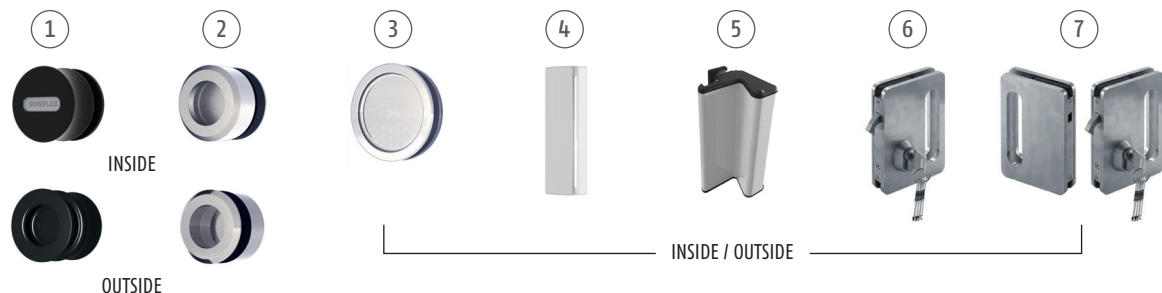
Maximum transparency, permanent ventilation and protection against driving rain are ensured by a 32 mm covering of the panels when closed.

**Vertical frame ***

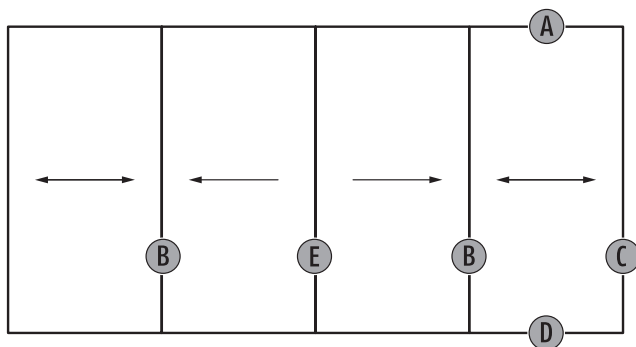
Increased driving rain and wind resistance by vertical frame profiles with brush gaskets, available as option.

Convenience **

On closing and opening the sliding door each adjacent panel respectively is automatically moved by the integrated followers.

**Kind of handles**

- ① Plastic knob, Ø 50 mm ② Stainless steel knob, Ø 50 mm ③ Stainless steel C-Pull handle, Ø 80 mm ④ Acryl glass knob ⑤ Aluminium knob
⑥ Locking ⑦ Central locking with strike box



Details at even panel partitioning in two directions

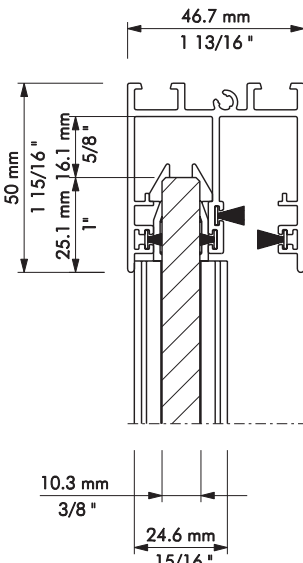
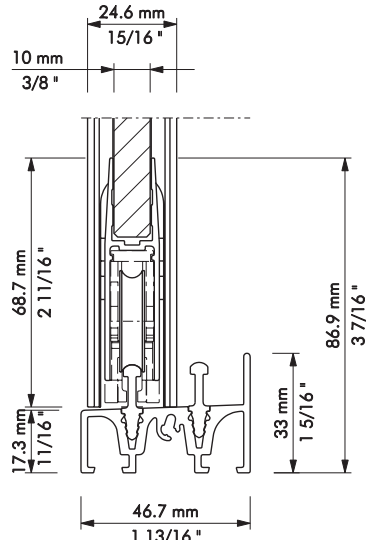
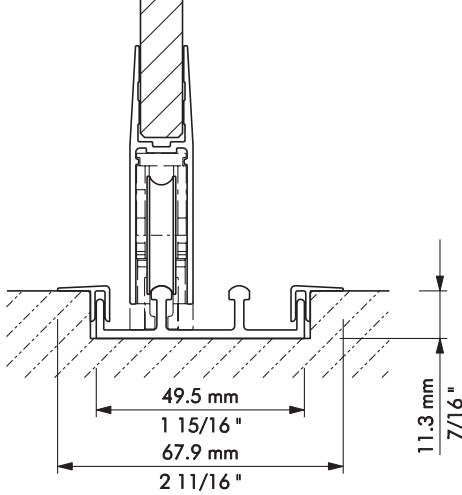
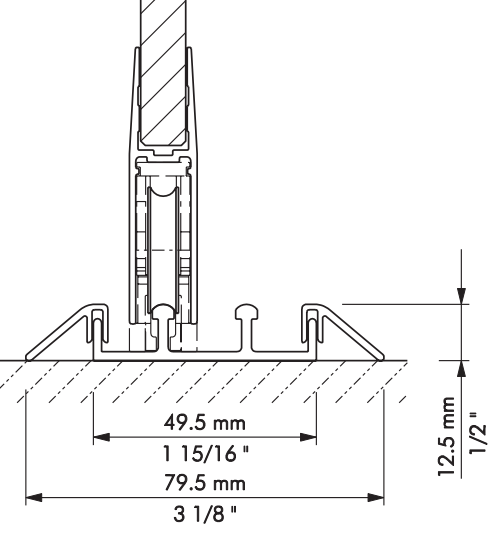
Panel size diagram



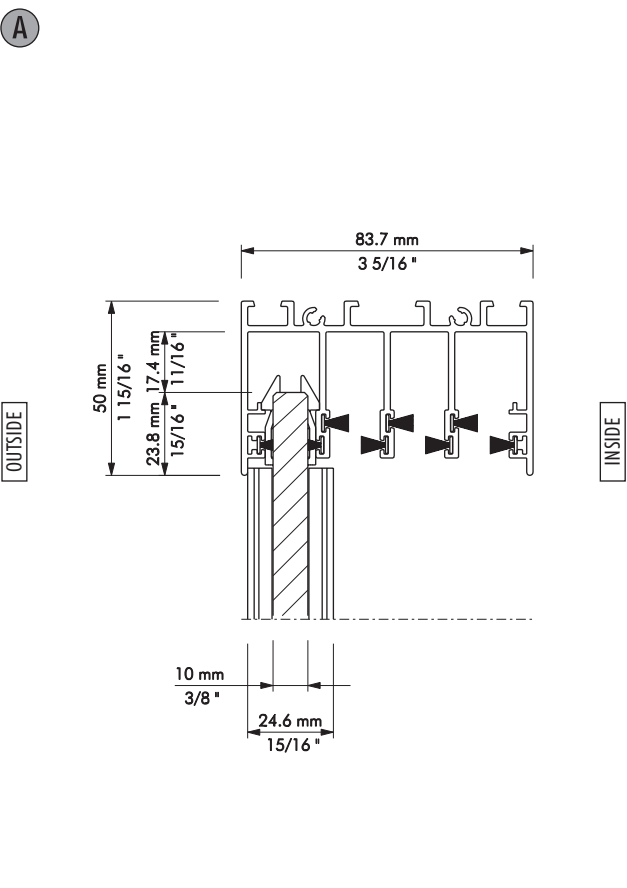
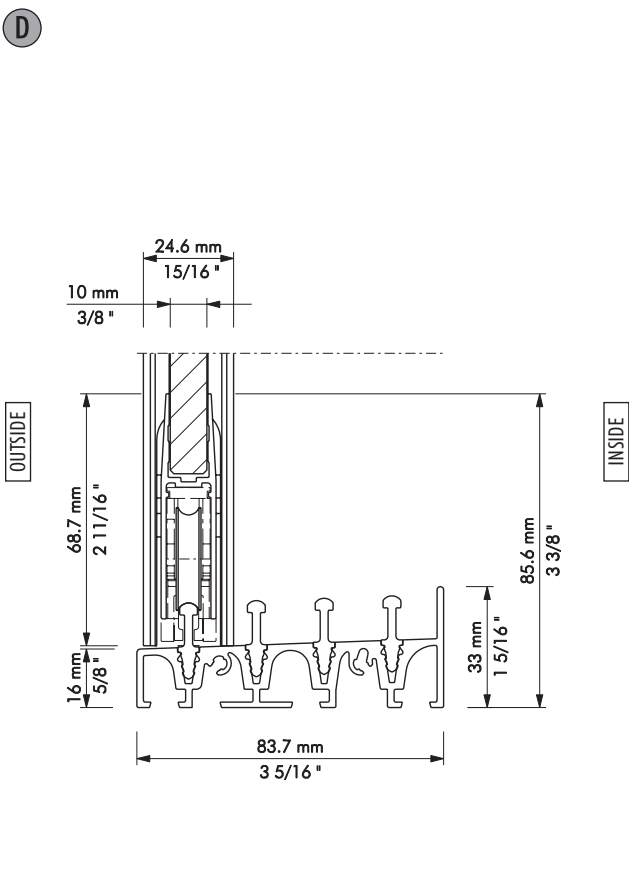
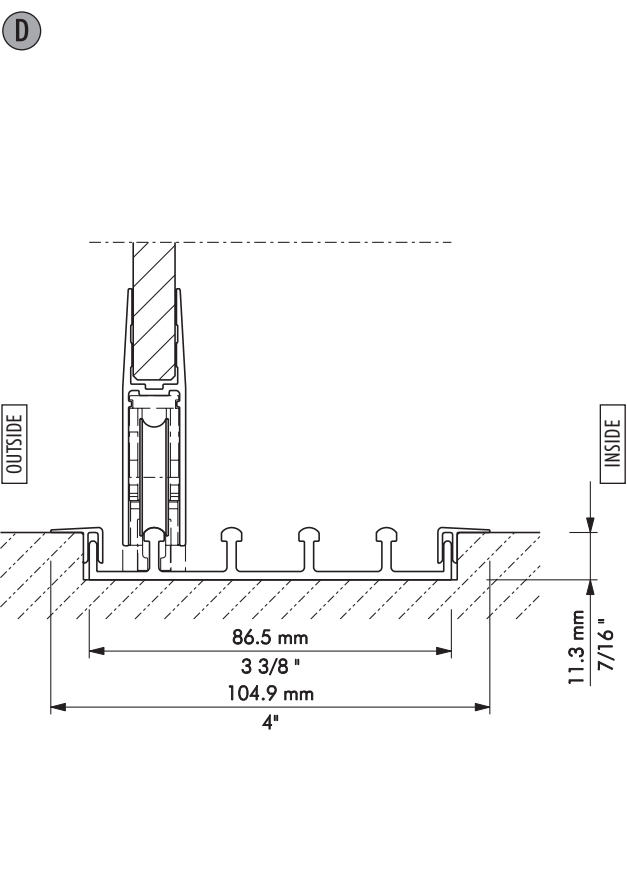
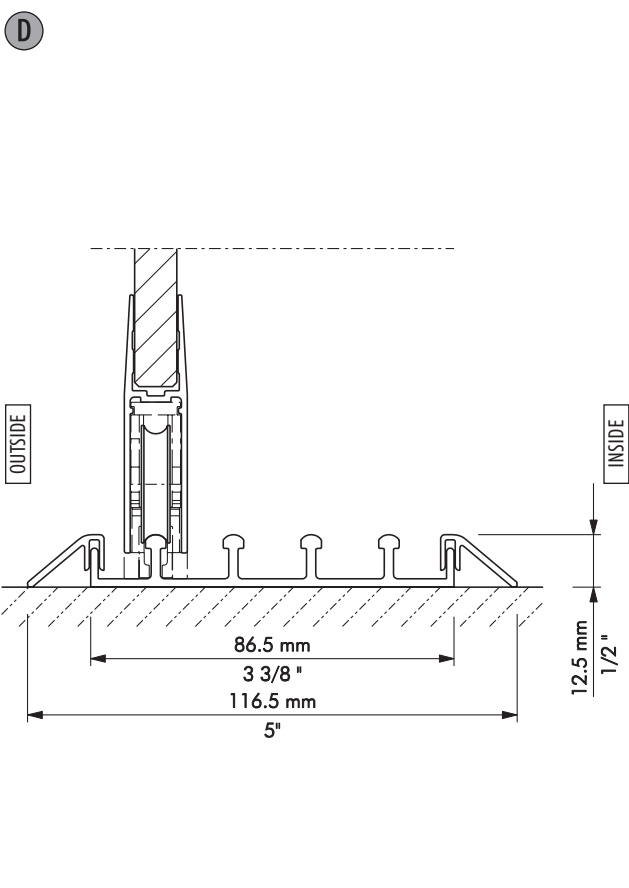
* For panel sizes exceeding 2600 mm – special inquiry

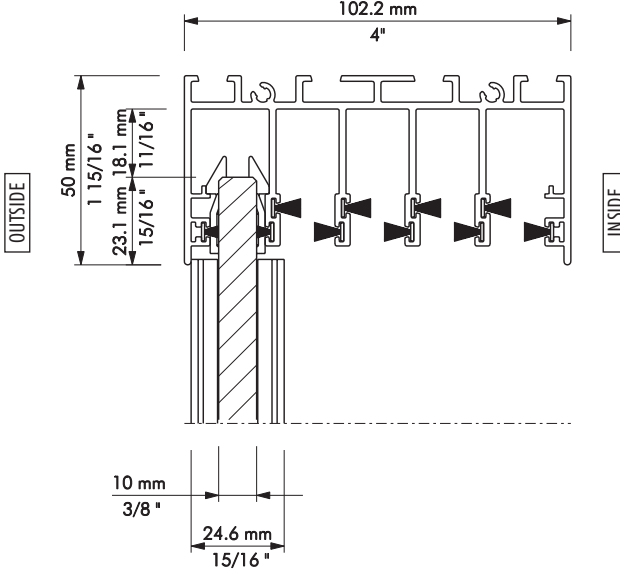
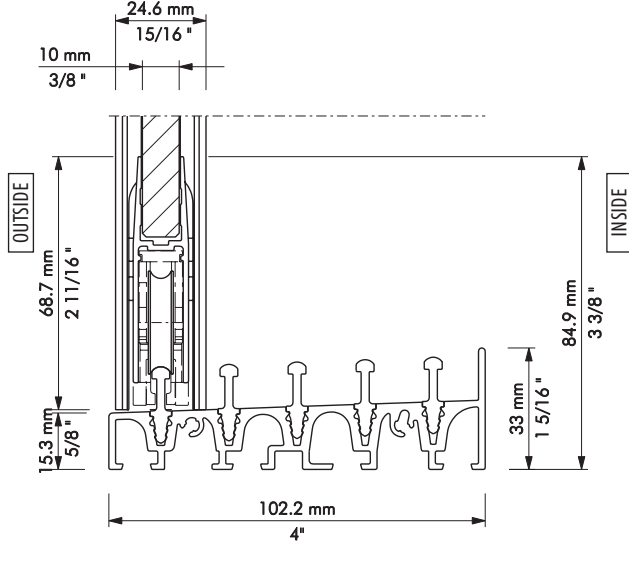
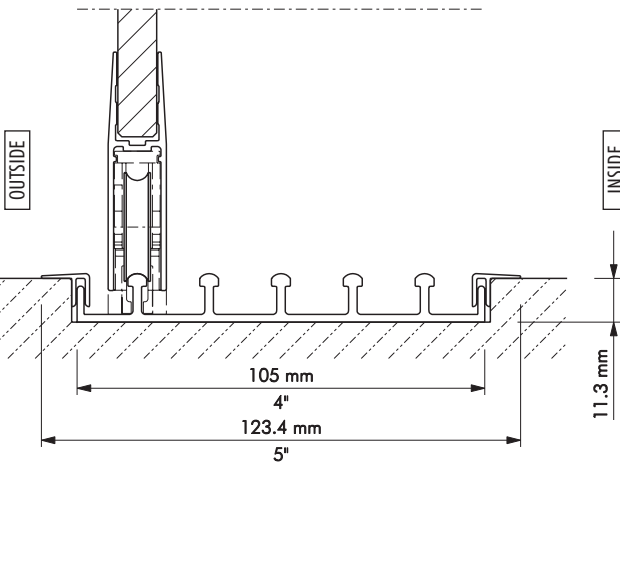
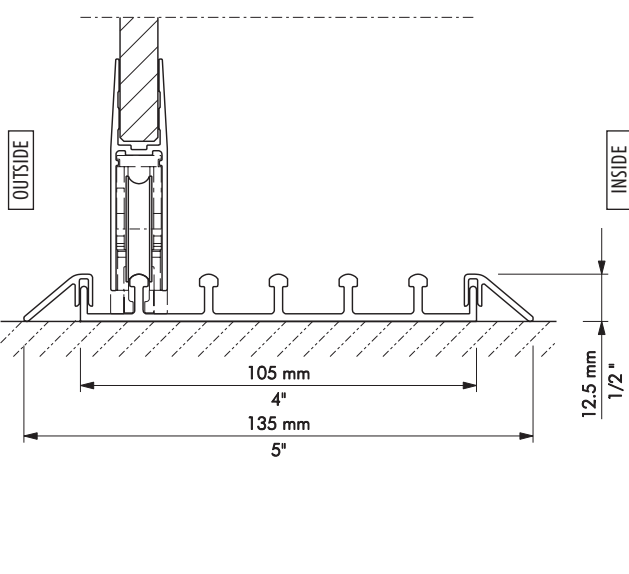
* Basis glazing 10 mm (25 kg/m²)

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<div><div>D</div><div><div>OUTSIDE</div><div>INSIDE</div></div></div>		<div><div>D</div><div><div>OUTSIDE</div><div>INSIDE</div></div></div>		<div>Description: Vertical-Section, bottom track / 2-track recessed</div>	<div>System: SF20</div> <div>Detail-No.: SF20-015</div>	<div>Description: Vertical-Section, bottom track / 2-track</div>	<div>System: SF20</div> <div>Detail-No.: SF20-016</div>

<p>A</p> <p>OUTSIDE</p> <p>INSIDE</p>	<p>D</p> <p>OUTSIDE</p> <p>INSIDE</p>
<p>Description: Vertical-Section, top track / 3-track</p> <p>System: SF20</p> <p>Detail-No.: SF20-005</p>	<p>Description: Vertical-Section, bottom track / 3-track</p> <p>System: SF20</p> <p>Detail-No.: SF20-006</p>
<p>D</p> <p>OUTSIDE</p> <p>INSIDE</p>	<p>D</p> <p>OUTSIDE</p> <p>INSIDE</p>
<p>Description: Vertical-Section, top track / 3-track recessed</p> <p>System: SF20</p> <p>Detail-No.: SF20-017</p>	<p>Description: Vertical-Section, bottom track / 3-track</p> <p>System: SF20</p> <p>Detail-No.: SF20-018</p>

<div><div>A</div></div>		<div><div>D</div></div>	
Description: Vertical-Section top track / 4-track		Description: Vertical-Section, bottom track / 4-track	
System: SF20		System: SF20	
Detail-No.: SF20-007		Detail-No.: SF20-008	
<div><div>D</div></div>		<div><div>D</div></div>	
Description: Vertical-Section, bottom track / 4-track recessed		Description: Vertical-Section, bottom track / 4-track	
System: SF20		System: SF20	
Detail-No.: SF20-019		Detail-No.: SF20-020	

<p>A</p>  <p>Diagram A shows a vertical-section top track with 5 tracks. The total width is 102.2 mm (4"). The height of the track is 50 mm. The distance from the outside edge to the center of the first track is 23.1 mm (15/16"). The distance between the centers of the tracks is 24.6 mm (15/16"). The distance from the center of the last track to the inside edge is 23.1 mm (15/16"). The distance from the outside edge to the center of the last track is 102.2 mm (4").</p>	<p>D</p>  <p>Diagram D shows a vertical-section bottom track with 5 tracks. The total width is 102.2 mm (4"). The height of the track is 68.7 mm (2 11/16"). The distance from the outside edge to the center of the first track is 15.3 mm (5/8"). The distance between the centers of the tracks is 24.6 mm (15/16"). The distance from the center of the last track to the inside edge is 15.3 mm (5/8"). The distance from the outside edge to the center of the last track is 102.2 mm (4").</p>
<p>Description: Vertical-Section top track / 5-track</p> <p>System: SF20</p> <p>Detail-No.: SF20-009</p>	<p>Description: Vertical-Section, bottom track / 5-track</p> <p>System: SF20</p> <p>Detail-No.: SF20-010</p>
<p>D</p>  <p>Diagram D shows a vertical-section bottom track with 5 tracks, recessed. The total width is 123.4 mm (5"). The height of the track is 11.3 mm (7/16"). The distance from the outside edge to the center of the first track is 105 mm (4"). The distance between the centers of the tracks is 24.6 mm (15/16"). The distance from the center of the last track to the inside edge is 105 mm (4"). The distance from the outside edge to the center of the last track is 123.4 mm (5").</p>	<p>D</p>  <p>Diagram D shows a vertical-section bottom track with 5 tracks. The total width is 135 mm (5"). The height of the track is 12.5 mm (1/2"). The distance from the outside edge to the center of the first track is 105 mm (4"). The distance between the centers of the tracks is 24.6 mm (15/16"). The distance from the center of the last track to the inside edge is 105 mm (4"). The distance from the outside edge to the center of the last track is 135 mm (5").</p>
<p>Description: Vertical-Section, bottom track / 5-track recessed</p> <p>System: SF20</p> <p>Detail-No.: SF20-021</p>	<p>Description: Vertical-Section, bottom track / 5-track</p> <p>System: SF20</p> <p>Detail-No.: SF20-022</p>

<div><div>A</div><div><p>OUTSIDE</p><p>INSIDE</p></div></div>	<div><div>B</div><div><p>OUTSIDE</p><p>INSIDE</p></div></div>
<div><div>Description:</div><div>Vertical-Section, top track / 6-track</div></div> <div><div>System:</div><div>SF20</div></div> <div><div>Detail-No.:</div><div>SF20-011</div></div>	<div><div>Description:</div><div>Vertical-Section, bottom track / 6-track</div></div> <div><div>System:</div><div>SF20</div></div> <div><div>Detail-No.:</div><div>SF20-012</div></div>
<div><div>C</div><div><p>OUTSIDE</p><p>INSIDE</p></div></div>	<div><div>C</div><div><p>OUTSIDE</p><p>INSIDE</p></div></div>
<div><div>Description:</div><div>Horizontal-Section, side wall fitting standard design / 2-track</div></div> <div><div>System:</div><div>SF20</div></div> <div><div>Detail-No.:</div><div>SF20-102</div></div>	<div><div>Description:</div><div>Horizontal-Section, side wall fitting with brush gasket / 2-track</div></div> <div><div>System:</div><div>SF20</div></div> <div><div>Detail-No.:</div><div>SF20-115</div></div>

<p>C OUTSIDE</p> <p>INSIDE</p>	<p>B OUTSIDE</p> <p>INSIDE</p>
<p>Description: Horizontal-Section, side wall fitting with connection profile / 2-track</p> <p>System: SF20</p> <p>Detail-No.: SF20-103</p>	<p>Description: Horizontal-Section, panel-panel / 2-track</p> <p>System: SF20</p> <p>Detail-No.: SF20-104</p>
<p>E OUTSIDE</p> <p>INSIDE</p>	<p>E OUTSIDE</p> <p>INSIDE</p>
<p>Description: Horizontal-Section, panel-panel / 2-track with brush gasket</p> <p>System: SF20</p> <p>Detail-No.: SF20-116</p>	<p>Description: Horizontal-Section, panel-panel / center 2-track</p> <p>System: SF20</p> <p>Detail-No.: SF20-105</p>

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