

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

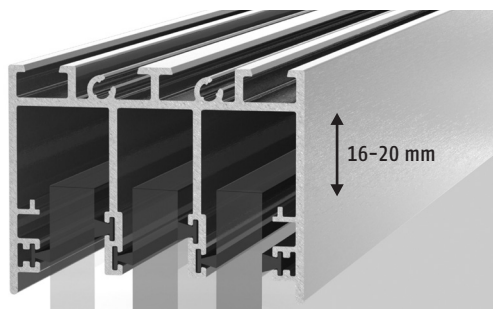
Glazing

- ☐ 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

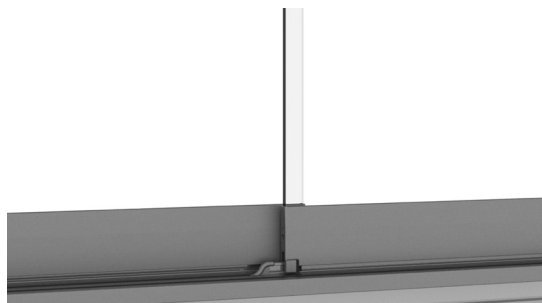


**Height compensation**

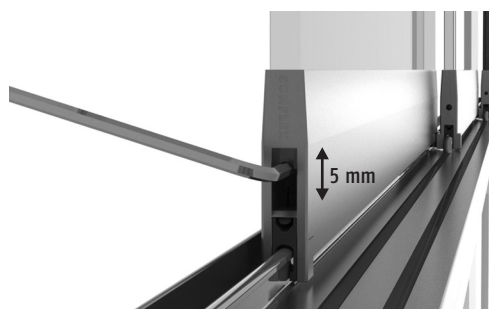
The ceiling rail adjusts to height differences from 16-20 mm in case of building subsidences at the upper construction.

**Drainage and cleaning**

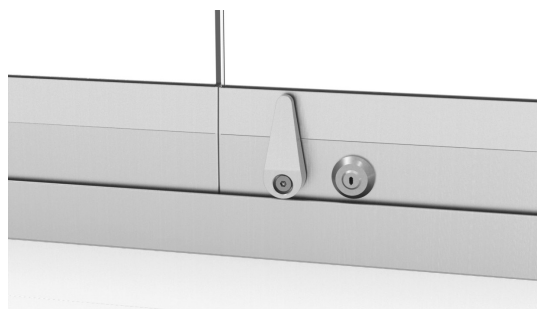
A sloping floor construction and optimally shortened rail lengths permit unpressurised drainage and simple cleaning of the floor rail. The anti-slip coating ensures that the floor rail surface is safe to walk on.

**Sealing**

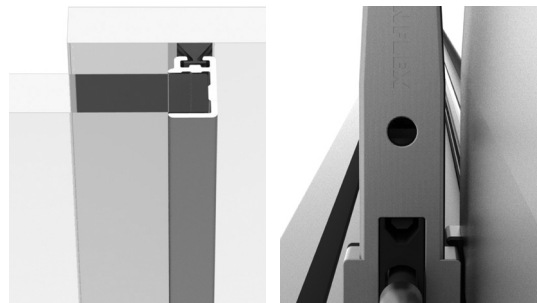
Maximum transparency, permanent ventilation and protection against driving rain are ensured by a 32 mm covering of the panels when closed.

**Height adjustment**

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

**Locking mechanism**

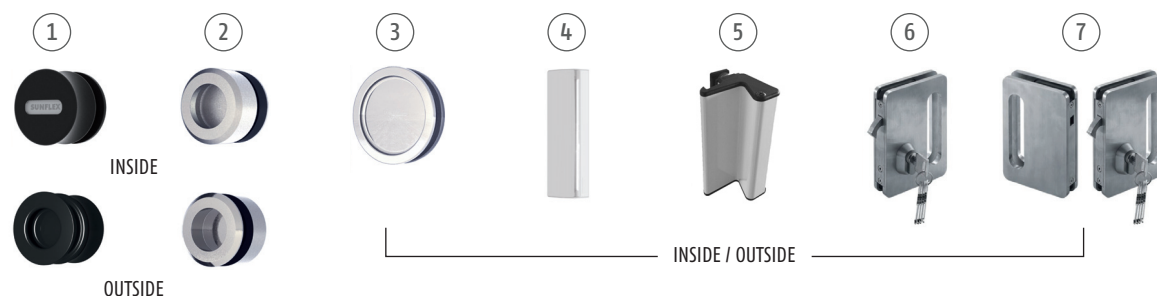
Optionally an handle, a lock and a locking mechanism can be fitted to the panel internally and externally.

**Vertical frame ***

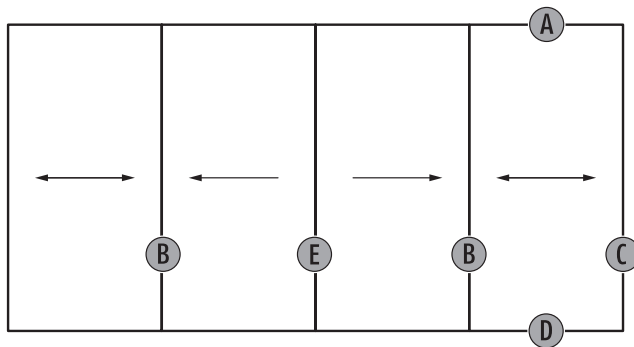
Increased driving rain and wind resistance by vertical frame profiles with brush gaskets, available as option.

Convenience **

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

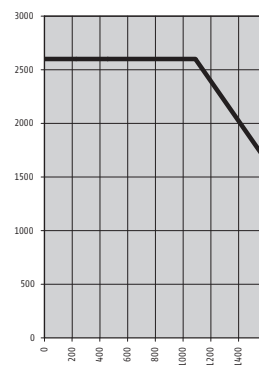
**Kind of handles**

- 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

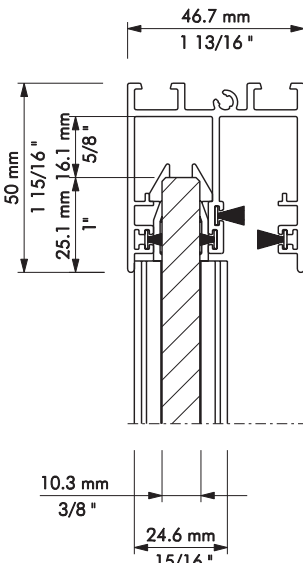
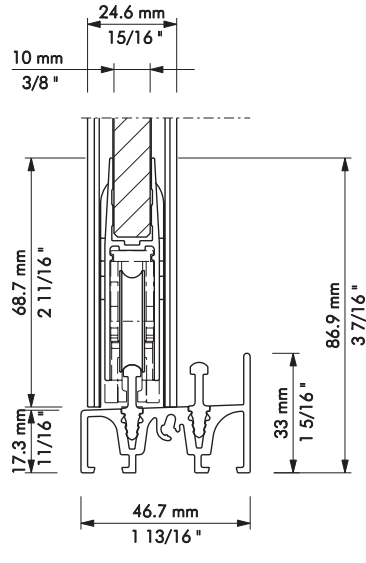
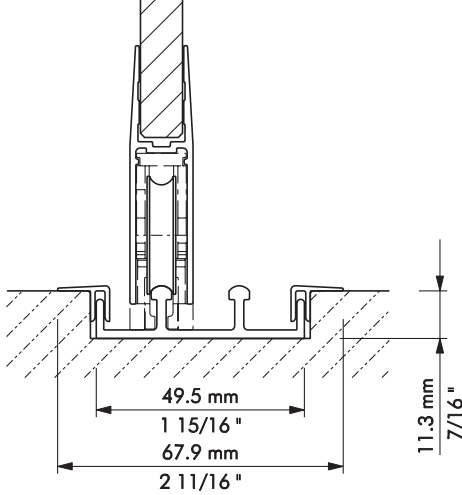
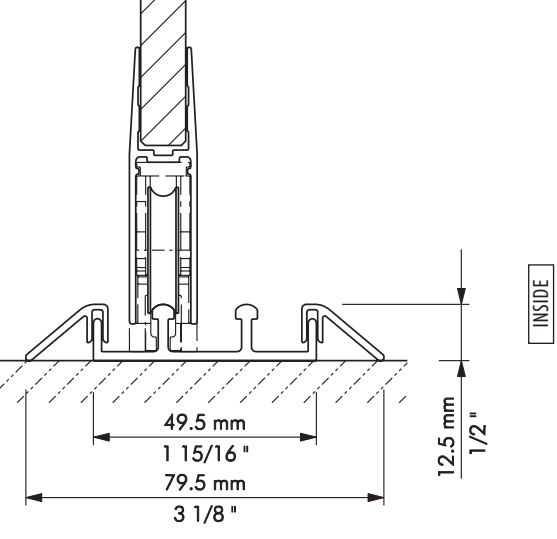
Panel size diagram



* For panel sizes exceeding 2600 mm – special inquiry

* Basis glazing 10 mm (25 kg/m²)

Ref.	Section	Description	Page
A	SF20-003	Vertical-Section, top track / 2-track	4
D	SF20-004	Vertical-Section, bottom track / 2-track	4
D	SF20-015	Vertical-Section, bottom track / 2-track / recessed	4
D	SF20-016	Vertical-Section, bottom track / 2-track	4
A	SF20-005	Vertical-Section, top track / 3-track	5
D	SF20-006	Vertical-Section, bottom track / 3-track	5
D	SF20-017	Vertical-Section, bottom track / 3-track / recessed	5
D	SF20-018	Vertical-Section, bottom track / 3-track	5
A	SF20-007	Vertical-Section, top track / 4-track	6
D	SF20-008	Vertical-Section, bottom track / 4-track	6
D	SF20-019	Vertical-Section, bottom track / 4-track / recessed	6
D	SF20-020	Vertical-Section, bottom track / 4-track	6
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D	SF20-010	Vertical-Section, bottom track / 5-track	7
D	SF20-021	Vertical-Section, bottom track / 5-track / recessed	7
D	SF20-022	Vertical-Section, bottom track / 5-track	7
A	SF20-011	Vertical-Section, top track / 6-track	8
D	SF20-012	Vertical-Section, bottom track / 6-track	8
C	SF20-102	Horizontal-Section, side wall fitting standard design / 2-track	8
C	SF20-115	Horizontal-Section, side wall fitting with brush gasket / 2-track	8
C	SF20-103	Horizontal-Section, side wall fitting with connection profil / 2-track	9
B	SF20-104	Horizontal-Section, panel-panel / 2-track	9
E	SF20-116	Horizontal-Section, panel-panel center with brush gasket / 2-track	9
E	SF20-105	Horizontal-Section, panel-panel center / 2-track	9

<p>A</p> 	<p>D</p> 
<p>Description: Vertical-Section, top track / 2-track</p> <p>System: SF20</p> <p>Detail-No.: SF20-003</p>	<p>Description: Vertical-Section, bottom track / 2-track</p> <p>System: SF20</p> <p>Detail-No.: SF20-004</p>
<p>D</p> 	<p>D</p> 
<p>Description: Vertical-Section, bottom track / 2-track recessed</p> <p>System: SF20</p> <p>Detail-No.: SF20-015</p>	<p>Description: Vertical-Section, bottom track / 2-track</p> <p>System: SF20</p> <p>Detail-No.: SF20-016</p>

<p>A</p>	<p>D</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>D</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>

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A

OUTSIDE

INSIDE

83.7 mm
3 5/16"

50 mm
1 15/16"

23.8 mm
15/16"

17.4 mm
1 1/16"

10 mm
3/8"

24.6 mm
15/16"

Description: Vertical-Section top track / 4-track	System: SF20
	Detail-No.: SF20-007

D

OUTSIDE

INSIDE

24.6 mm
15/16"

10 mm
3/8"

68.7 mm
2 11/16"

16 mm
5/8"

83.7 mm
3 5/16"

33 mm
1 5/16"

85.6 mm
3 3/8"

Description: Vertical-Section, bottom track / 4-track	System: SF20
	Detail-No.: SF20-008

D

OUTSIDE

INSIDE

86.5 mm
3 3/8"

104.9 mm
4"

11.3 mm
7/16"

Description: Vertical-Section, bottom track / 4-track recessed	System: SF20
	Detail-No.: SF20-019

D

OUTSIDE

INSIDE

86.5 mm
3 3/8"

116.5 mm
5"

12.5 mm
1/2"

Description: Vertical-Section, bottom track / 4-track	System: SF20
	Detail-No.: SF20-020

<p>A</p>	<p>D</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>D</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>

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A

120.7 mm
5"

50 mm
1 15/16"

22.5 mm
7/8"

18.7 mm
3/4"

10 mm
3/8"

24.6 mm
15/16"

OUTSIDE

INSIDE

Description: Vertical-Section, top track / 6-track	System: SF20
	Detail-No.: SF20-011

B

24.6 mm
15/16"

10 mm
3/8"

68.7 mm
2 11/16"

14.7 mm
9/16"

33 mm
1 5/16"

84.3 mm
3 5/16"

120.7 mm
5"

OUTSIDE

INSIDE

Description: Vertical-Section, bottom track / 6-track	System: SF20
	Detail-No.: SF20-012

C

3.8 mm
1/8"

1.8 mm
1/16"

46.8 mm
1 13/16"

10 mm
3/8"

OUTSIDE

INSIDE

Description: Horizontal-Section, side wall fitting standard design / 2-track	System: SF20
	Detail-No.: SF20-102

C

6.8 mm
1/4"

3.2 mm
1/8"

46.8 mm
1 13/16"

5.3 mm
3/16"

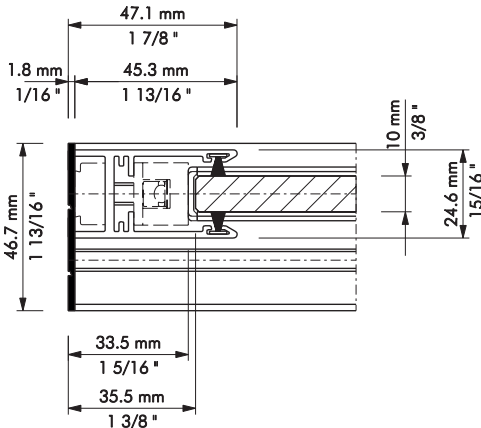
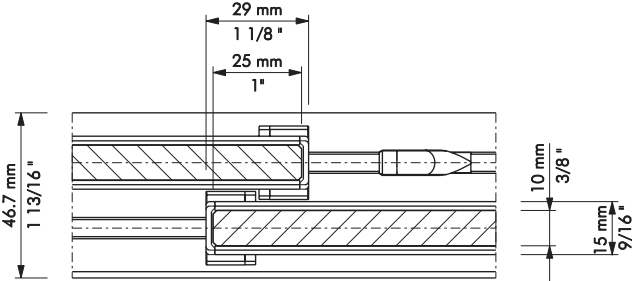
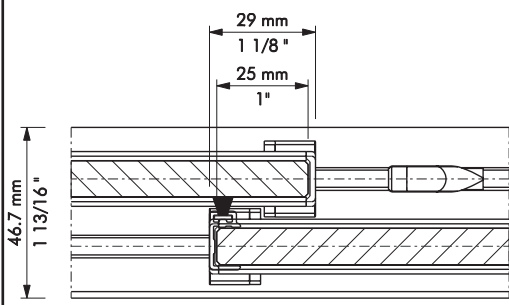
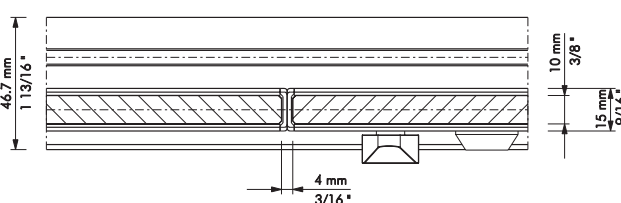
8.8 mm
3/8"

10 mm
3/8"

OUTSIDE

INSIDE

Description: Horizontal-Section, side wall fitting with brush gasket / 2-track	System: SF20
	Detail-No.: SF20-115

<p>C OUTSIDE</p>  <p>INSIDE</p>	<p>B OUTSIDE</p>  <p>INSIDE</p>
<p>Description: Horizontal-Section, side wall fitting with connection profil / 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>

