

Profile system

- ☐ Thermally insulated sliding system
- ☐ Opening to the left and/or right as required
- ☐ Types of opening: 2 or 3 tracks
- ☐ Steel reinforcement possible in the middle joint for high wind loads
- ☐ Installation depth: 2 tracks 210 mm, 3 tracks 320 mm
- ☐ Narrow face widths:
 - Outer frame 60 mm, completely coverable
 - Bottom track 80 mm, fully recessed
 - Panel frame 45 mm, of which 21 mm is visible
 - Center joint 30 mm

Tests

- ☐ Air permeability certificated DIN EN 1027:2016-09/DIN EN 12208-2000-06 Class 4
- ☐ Driving rain resistance certificated DIN EN 1027:2016-09/DIN EN 12208-2000-06 Class E750
- ☐ Wind load certificated DIN EN 1027:2016-09/DIN EN 12208-2000-06 Class C5
- ☐ Burglar resistance up to resistance class RC2

Fittings

- ☐ All fittings are concealed in the profiles
- ☐ Low-maintenance, non-rusting and mishandling-proof fittings
- ☐ Catch function when closing the sliding panel
- ☐ Can be locked from inside and/or outside

Running assembly

- ☐ Ball-bearing stainless steel rollers and stainless steel rails
- ☐ 800 kg/panel (maximum panel weight)
- ☐ Uw from 0,8 W/m²K depending on size and glazing

Glazing

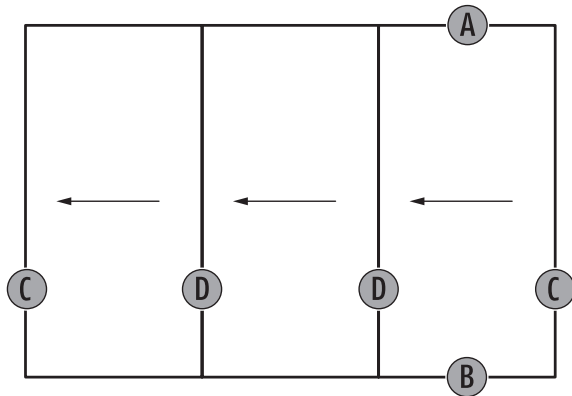
- ☐ Glass thicknesses 52 to 54 mm



tested SUNFLEX quality

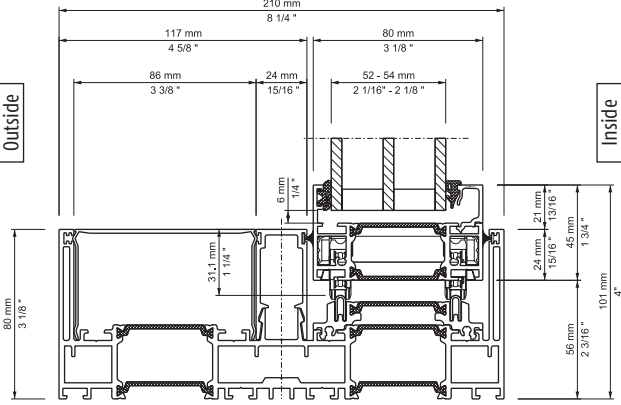
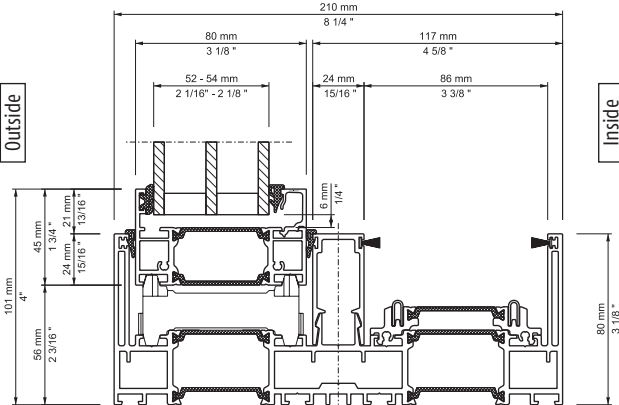
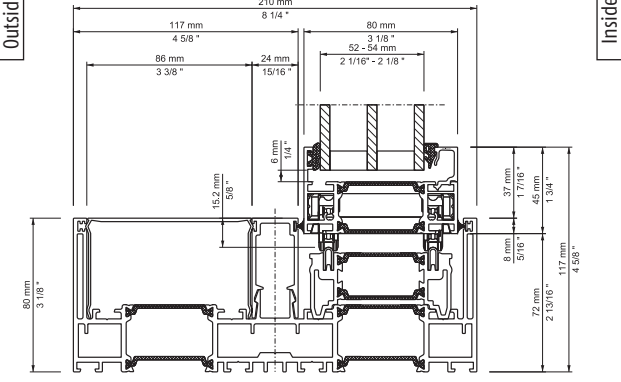
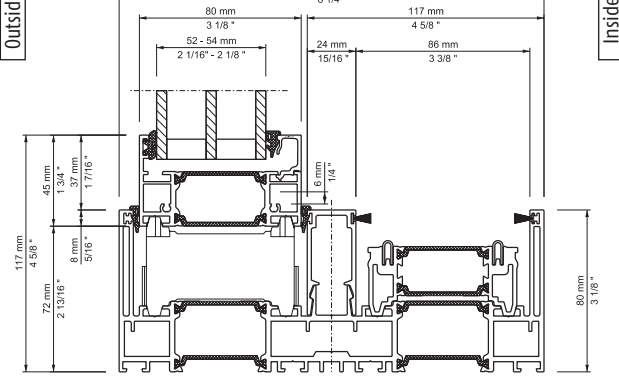


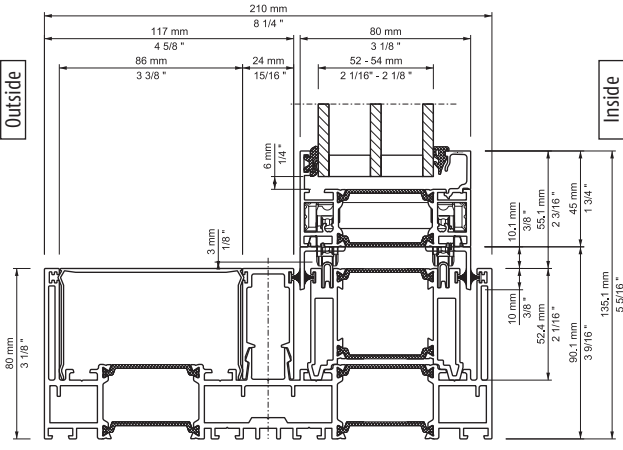
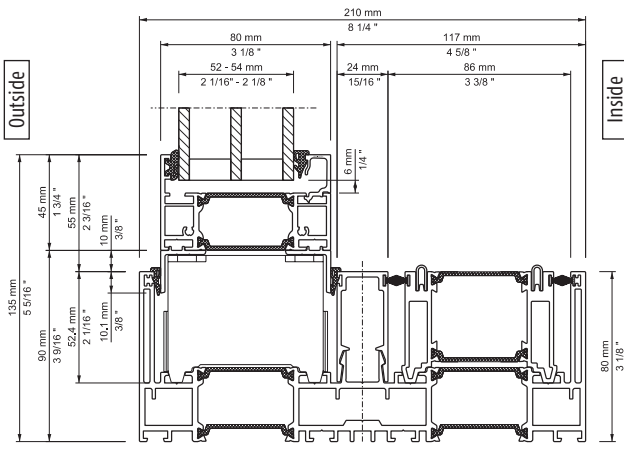
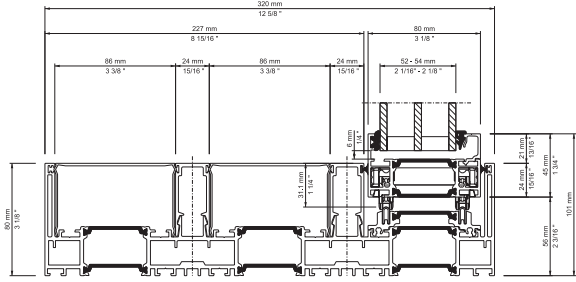
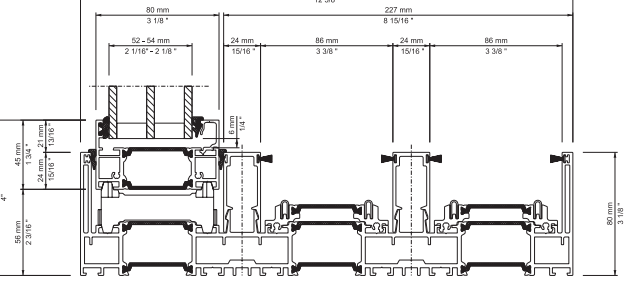
Test Report No. 40-13/23, No. 40-14/23 and No. 45-2/24

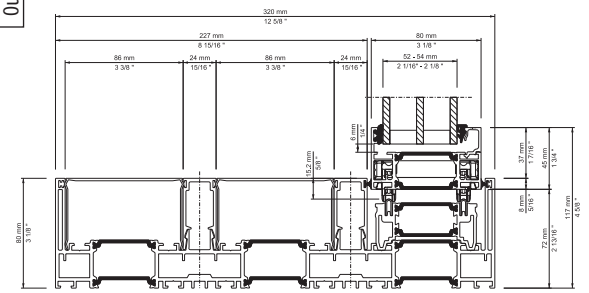
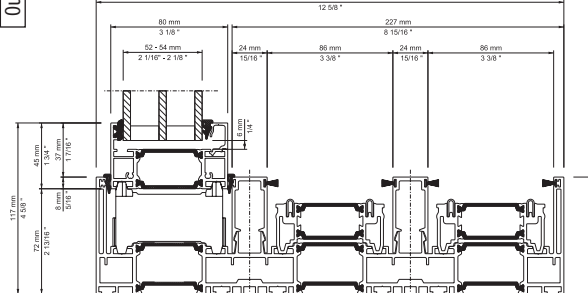
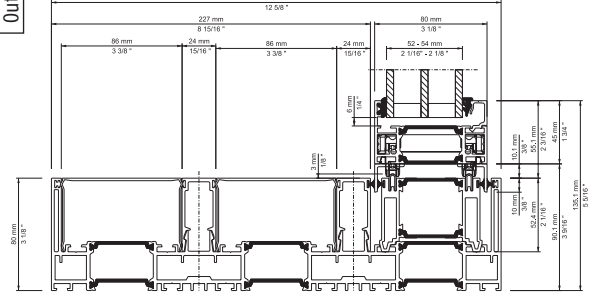
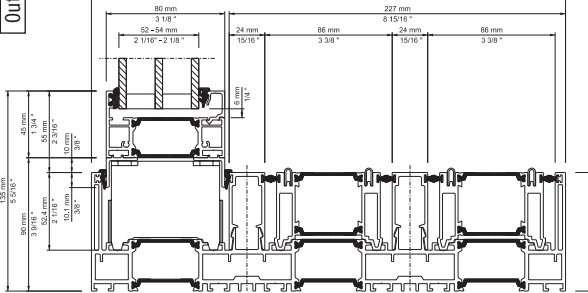


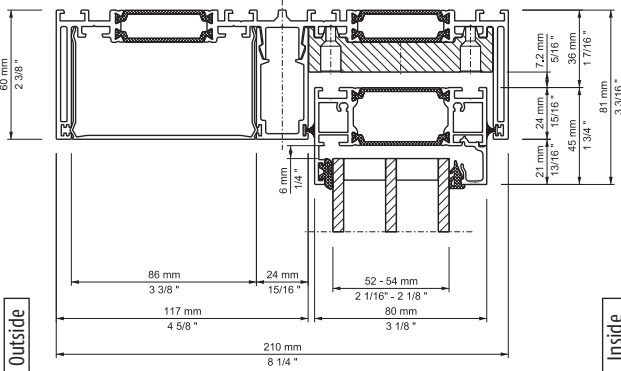
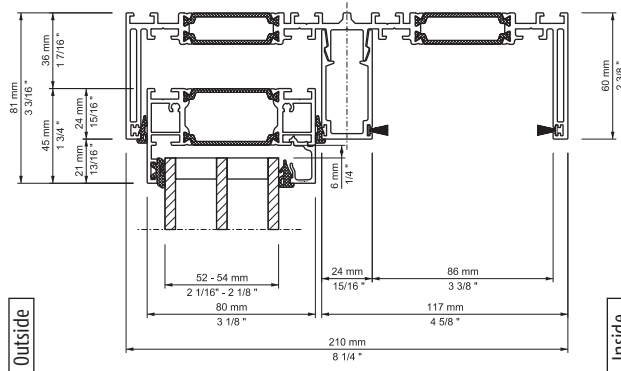
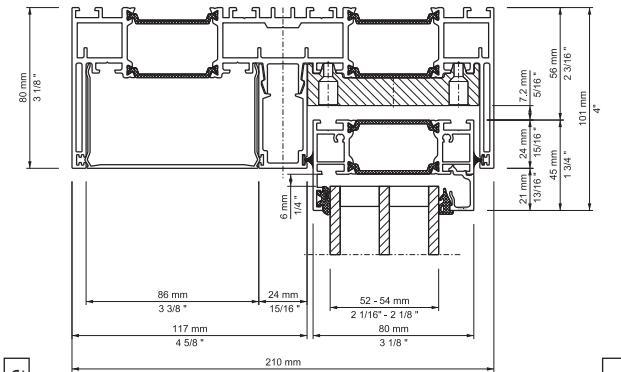
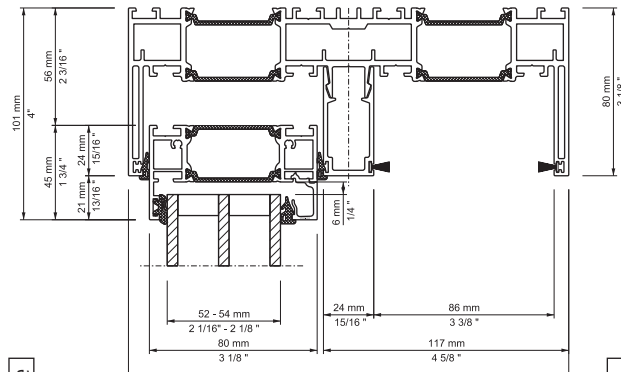
Details at uneven panel partitioning in one direction

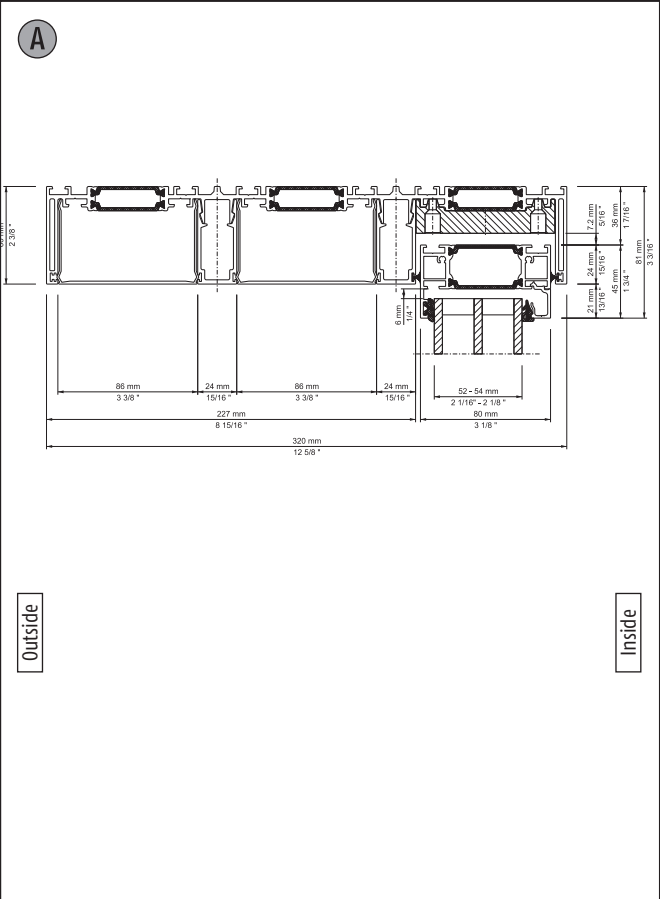
Ref.	Section	Description	Page
B	SF80-001a	Vertical section, bottom track / 2 tracks, low running track	4
B	SF80-001b	Vertical section, bottom track, fix panel / 2 tracks, low running track	4
B	SF80-001c	Vertical section, bottom track / 2 tracks, middle running track	4
B	SF80-001d	Vertical section, bottom track, fix panel / 2 tracks, middle running track	4
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B	SF80-001f	Vertical section, bottom track, fix panel / 2 tracks, high running track	5
B	SF80-002a	Vertical section, bottom track / 3 tracks, low running track, high running track	5
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B	SF80-002c	Vertical section, bottom track / 3 tracks, middle running track	6
B	SF80-002d	Vertical section, bottom track, fix panel / 3 tracks, middle running track	6
B	SF80-002e	Vertical section, bottom track / 3 tracks, high running track	6
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A	SF80-004b	Vertical section, top track, fix panel / 3 tracks	8
A	SF80-004c	Vertical section, top track, coupling / 3 tracks	8
A	SF80-004d	Vertical section, top track, fix panel and coupling / 3 tracks	8
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C	SF80-101b	Horizontal section, lateral wall connection operation panel / 2 tracks / with reinforcement profile	9
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C	SF80-104	Horizontal section, lateral wall connection fix panel / 3 tracks	10
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B  Outside Inside	Description: Vertical section, bottom track / 2 tracks, low running track System: SF80 Detail-No.: SF80-001a	B  Outside Inside	Description: Vertical section, bottom track, fix panel / 2 tracks, low running track System: SF80 Detail-No.: SF80-001b
B  Outside Inside	Description: Vertical section, bottom track / 2 tracks, middle running track System: SF80 Detail-No.: SF80-001c	B  Outside Inside	Description: Vertical section, bottom track, fix panel / 2 tracks, middle running track System: SF80 Detail-No.: SF80-001d

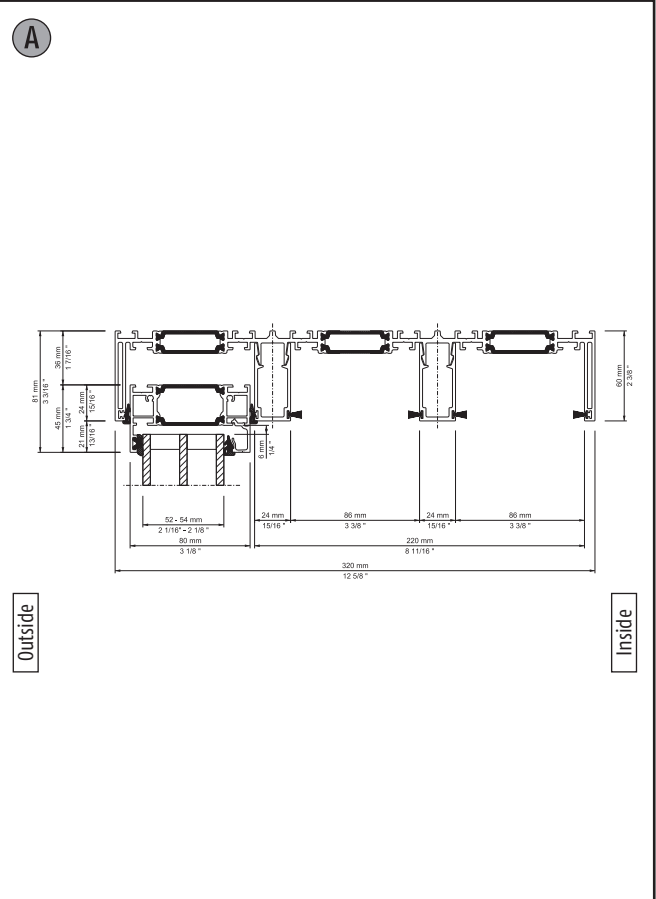
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Description: Vertical section, bottom track / 2 tracks, low running track System: SF80 Detail-No.: SF80-001e	Description: Vertical section, bottom track, fix panel / 2 tracks, low running track System: SF80 Detail-No.: SF80-001f
B  Outside Inside	B  Outside Inside
Description: Vertical section, bottom track / 3 tracks, low running track System: SF80 Detail-No.: SF80-002a	Description: Vertical section, bottom track, fix panel / 3 tracks, low running track System: SF80 Detail-No.: SF80-002b

B Outside  Inside	Description: Vertical section, bottom track / 3 tracks, middle running track System: SF80 Detail-No.: SF80-002c	B Outside  Inside	Description: Vertical section, bottom track, fix panel / 3 tracks, middle running track System: SF80 Detail-No.: SF80-002d
B Outside  Inside	Description: Vertical section, bottom track / 3 tracks, high running track System: SF80 Detail-No.: SF80-002e	B Outside  Inside	Description: Vertical section, bottom track, fix panel / 3 tracks, high running track System: SF80 Detail-No.: SF80-002f

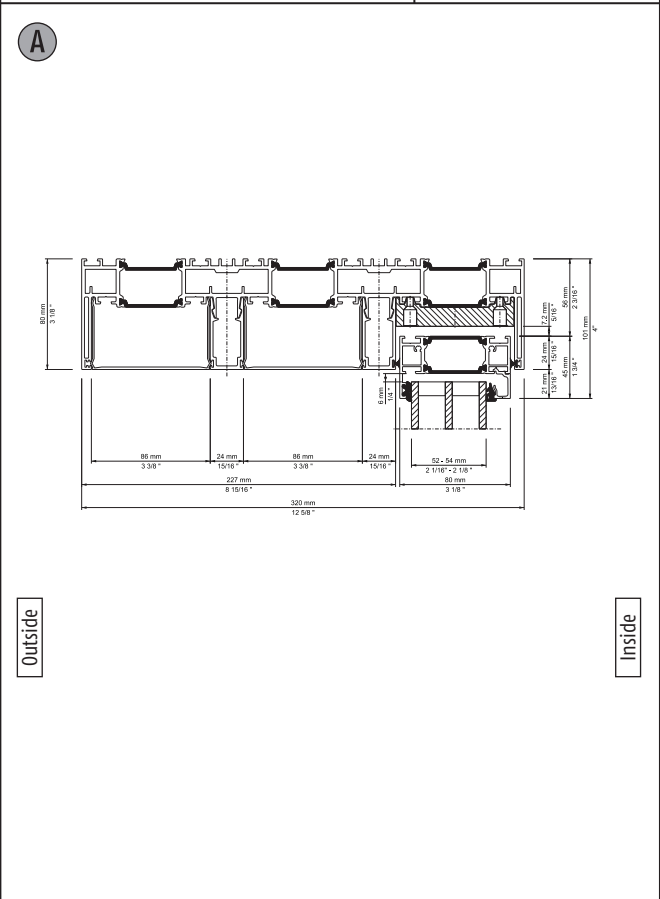
A  Outside Inside	A  Outside Inside
Description: Vertical section, top track / 2 tracks System: SF80 Detail-No.: SF80-003a	Description: Vertical section, top track, fix panel / 2 tracks System: SF80 Detail-No.: SF80-003b
A  Outside Inside	A  Outside Inside
Description: Vertical section, top track, coupling / 2 tracks System: SF80 Detail-No.: SF80-003c	Description: Vertical section, top track, fix panel and coupling / 2 track System: SF80 Detail-No.: SF80-003d



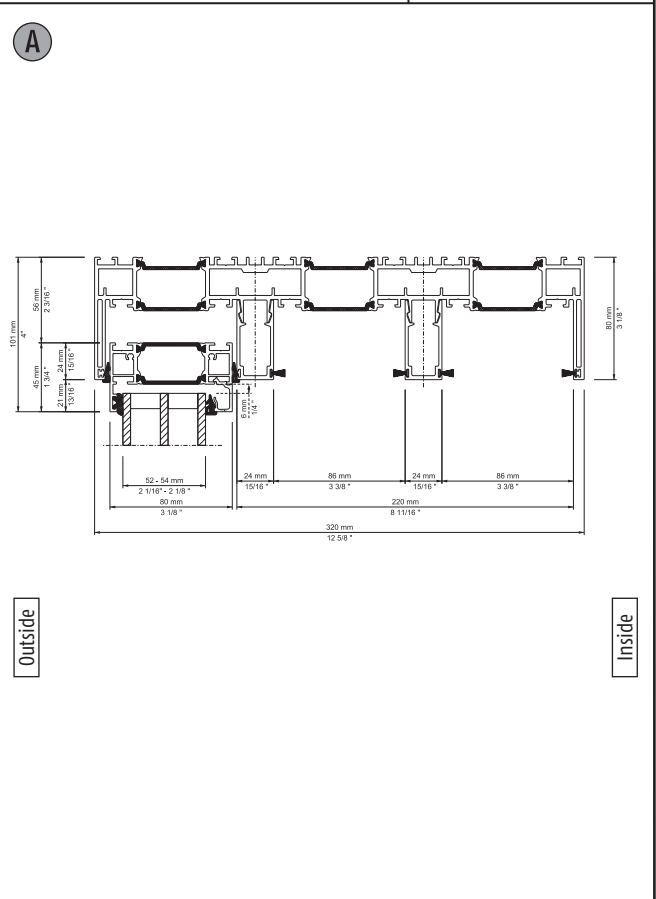
Description: Vertical section, top track / 3 tracks	System: SF80
	Detail-No.: SF80-004a



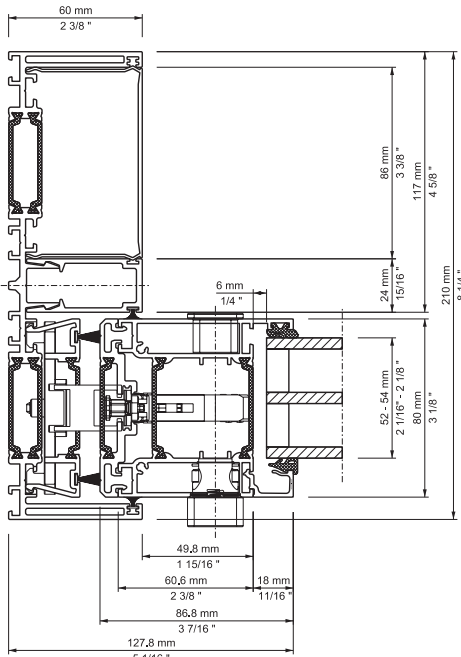
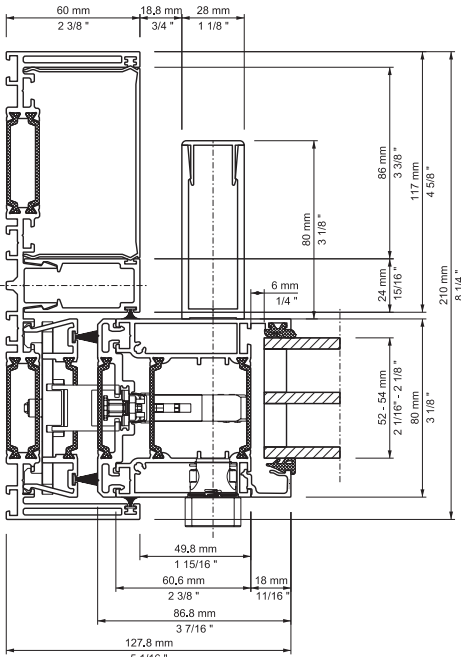
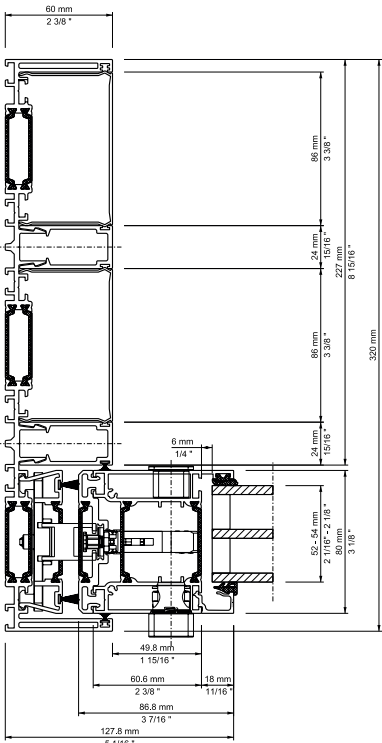
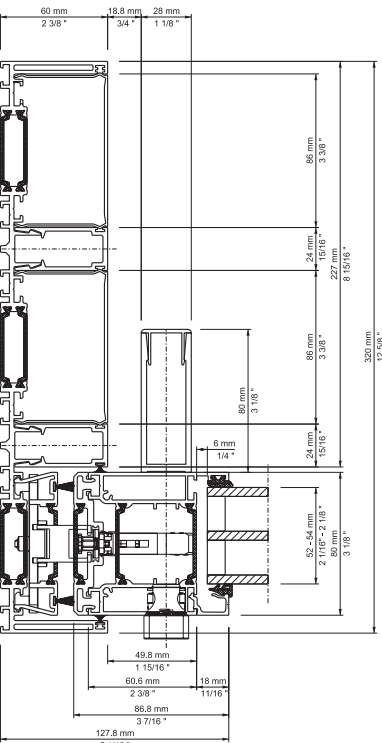
Description: Vertical section, top track, fix panel / 3 tracks	System: SF80
	Detail-No.: SF80-004b



Description: Vertical section, top track, coupling / 3 tracks	System: SF80
	Detail-No.: SF80-004c

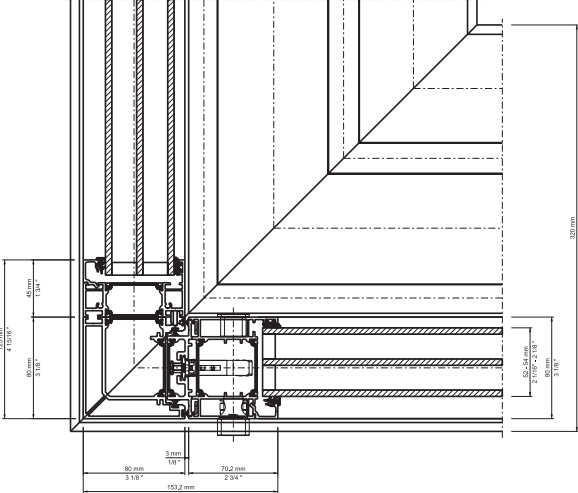


Description: Vertical section, top track, fix panel and coupling / 3 tracks	System: SF80
	Detail-No.: SF80-004d

 Outside Inside	 Outside Inside
Description: Horizontal section, lateral wall connection operation panel / 2 tracks System: SF80 Detail-No.: SF80-101a	Description: Horizontal section, lateral wall connection operation panel / 2 tracks System: SF80 Detail-No.: SF80-101b
 Outside Inside	 Outside Inside
Description: Horizontal section, lateral wall connection operation panel / 3 tracks System: SF80 Detail-No.: SF80-102a	Description: Horizontal section, lateral wall connection fix panel / 3 tracks System: SF80 Detail-No.: SF80-102b

D Outside Inside		C Outside Inside	
Description: Horizontal section, panel panel		Description: Horizontal section, lateral wall connection fix panel / 3 tracks	
System: SF80		System: SF80	
Detail-No.: SF80-103a		Detail-No.: SF80-104	
C Outside Inside		E Outside Inside	
Description: Horizontal section, lateral wall connection fix panel / 2 tracks		Description: Horizontal section, forend / 2 tracks	
System: SF80		System: SF80	
Detail-No.: SF80-105		Detail-No.: SF80-106a	

Technical drawing of SF80 horizontal section, forend / 3 tracks. The drawing shows a cross-section of the window frame with three tracks. Dimensions include: Outside width 320 mm (12 5/8"), Inside width 102 mm (4"), and various track and frame dimensions in mm and inches.	Technical drawing of SF80 horizontal section, external corner 2 tracks. The drawing shows a cross-section of the window frame with two tracks at an external corner. Dimensions include: Outside width 210 mm (8 1/4"), Inside width 102 mm (4"), and various track and frame dimensions in mm and inches.
Description: Horizontal section, forend / 3 tracks System: SF80 Detail-No.: SF80-106b	Description: Horizontal section, external corner 2 tracks System: SF80 Detail-No.: SF80-106b
Technical drawing of SF80 horizontal section, internal corner 2 tracks. The drawing shows a cross-section of the window frame with two tracks at an internal corner. Dimensions include: Outside width 210 mm (8 1/4"), Inside width 102 mm (4"), and various track and frame dimensions in mm and inches.	Technical drawing of SF80 horizontal section, external corner 3 tracks. The drawing shows a cross-section of the window frame with three tracks at an external corner. Dimensions include: Outside width 210 mm (8 1/4"), Inside width 102 mm (4"), and various track and frame dimensions in mm and inches.
Description: Horizontal section, internal corner 2 tracks System: SF80 Detail-No.: SF80-121	Description: Horizontal section, external corner 3 tracks System: SF80 Detail-No.: SF80-122

Outside		Outside	
			
Inside		Inside	
Description: Horizontal section, internal corner 3 tracks	System: SF80	Description: Horizontal section, external corner 3 tracks	System: SF80
	Detail-No.: SF80-123		Detail-No.: SF80-122