



Frameless
Glass
Systems



SUNFLEX 



SF25 Slide and Turn Systems

The SF25 system is ideal for patio or balcony enclosures, providing weather protection without obstructing views. Designed to withstand strong winds and rain, it also functions as a primary door for open-plan living. Independent sliding panels offer flexible airflow control, while the slimline design stacks neatly to save space. Fully customizable, it can stack inwards or outwards, slide around curves, and offers various track and handle options.

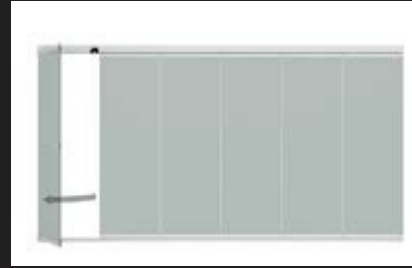
SF25 Slide and Turn System



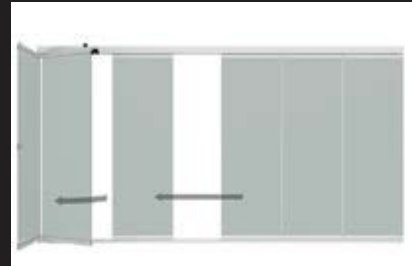
System Information

- Choice of 8mm or 10mm Toughened Safety Glass
- Low-maintenance, durable fittings
- Various bottom tracks and handles available
- Efficient drainage via inclined floor construction and internal catch channel
- Top-hung design for long-lasting smooth operation
- Running assemblies with needle bearings and polyamide rollers
- Panels can open inward or outward
- Flexible panel partition and sliding direction options
- Height compensation up to 22mm ($\pm 11\text{mm}$)
- Double brush seal with plastic bridge for top and bottom
- Quick glass replacement with screwed glazing fixings
- Double locking device for security
- Weatherproof design

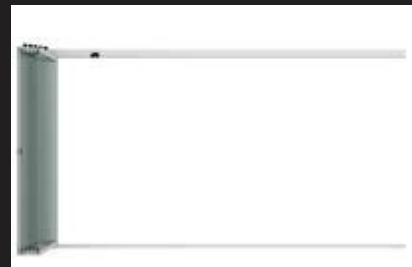
SF25 Operation



Single door access for daily use



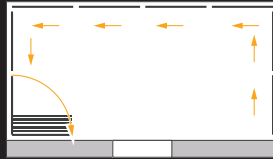
Panels independently slide and turn to stack



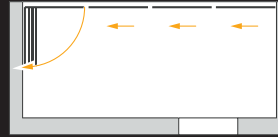
Large openings created with little fuss.



Segmented systems

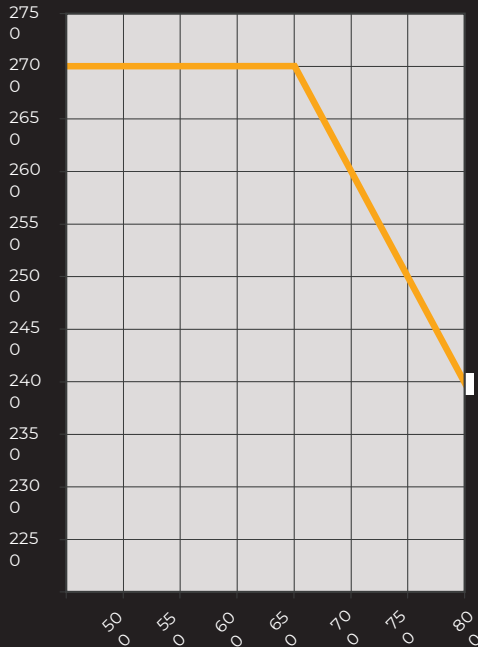


Angle solutions
90 – 180°

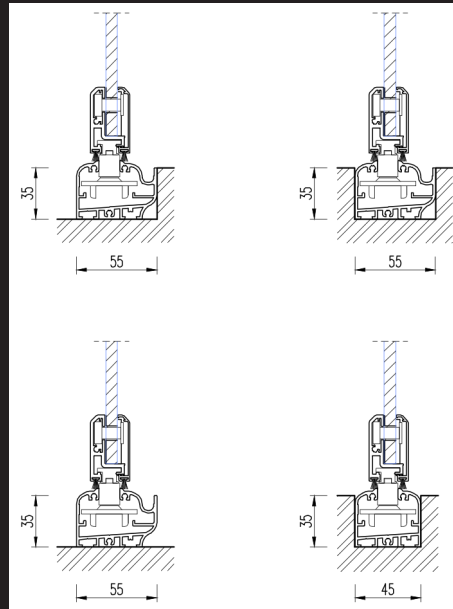


Straight systems

Panel Size Diagram



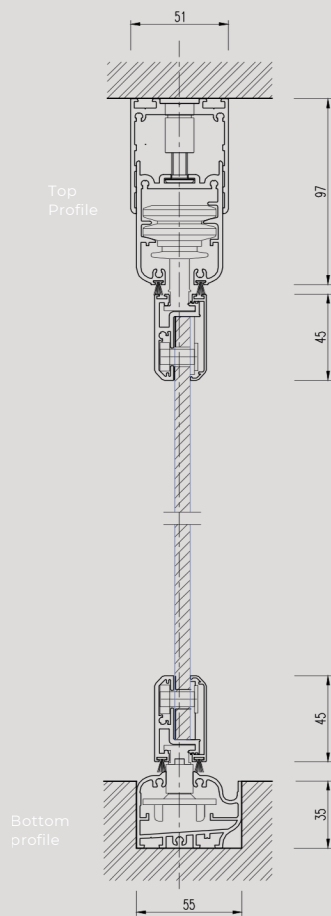
Bottom Track Options



Geometries

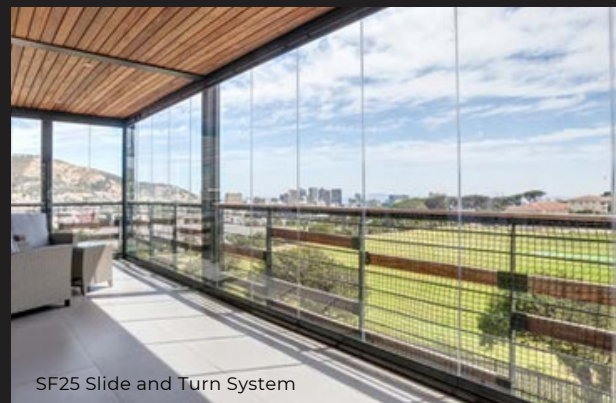
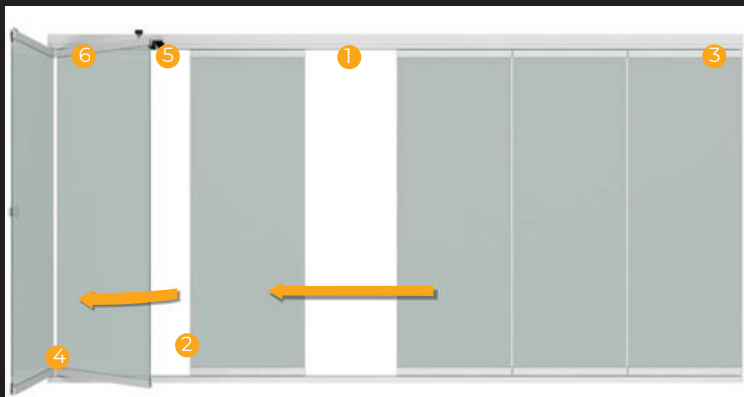
The horizontal running mechanism allows the glass panels to operate at any angle between 90° and 180°. The slide-and-turn system can open in the desired direction.

Section Through SF25



SF25 Slide and Turn System





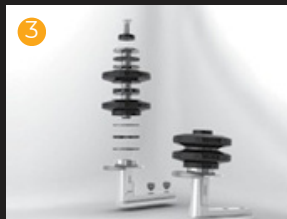
SF25 Slide and Turn System



Height compensation profile allows a height adjustment of up to 22 mm



Screwed glass; glass thickness 8 or 10 mm possible



Completely stainless carriage system. Available for coastal climates.



Bottom hinge wheel for extra support



Optional Covering Flap



Smooth panel guidance without a guide arm.



Reinforced joining pins for extra corner stability



Adjustable profile cover plate



SF25 Slide and Turn System



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SF20 Multi-Sliding System

SF20 Multi-Sliding System
Versatile and stylish, the SF20 is ideal for patio enclosures, office partitions, room dividers, or open-plan living. Its slimline, floor-mounted design allows easy retrofitting without overhead support. Integrated followers and double ball-bearing carriages enable smooth operation for large openings.



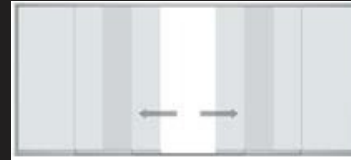
System Information

- Floor-mounted sliding system, opens from left, right, or center
- Available with 1 to 6 tracks and guide rails
- Sliding panels with integrated followers for smooth operation
- Anti-slip coated floor rail, can be recessed flush for an unobstructed space
- Optional internal or external locking for security
- Unpressurized drainage and easy cleaning due to optimal rail length
- 10mm toughened safety glass glazing

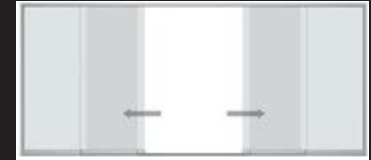
System Testing

- System Testing
- Airborne sound insulation up to $R_w = 17$ dB (DIN EN ISO 10140-2)
- Deflection measurement class 4 (DIN EN 12211/12210, 10mm glass)
- Repeated pressure/wind suction class 4 (DIN EN 12211/12210, 10mm glass)
- 10mm toughened safety glass compliant with SABS standards

SF20 Operation



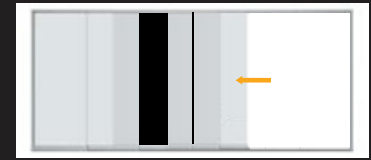
Unlocking and sliding the opening panel



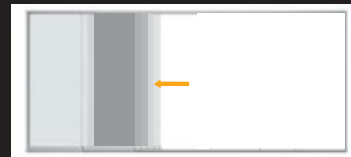
Easy displacement of the elements by integrated followers



Large open space when elements are opened



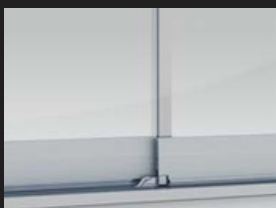
Unlocking and sliding the opening panel



Easy displacement of the elements by integrated followers



Large open space when elements are opened



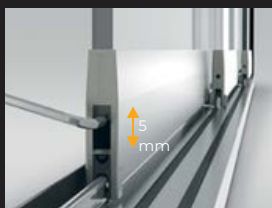
Sealing

Maximum transparency, permanent ventilation and protection against driving rain are ensured by a 25 mm covering of the panels when closed.



Height compensation

The ceiling rail adjusts to height differences of 16 to 20 mm in case of building subsidence after construction.



Height adjustment

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



Vertical frame

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



Drainage and cleaning

The sloping floor and shortened rail lengths allow for unpressurized drainage and easy cleaning. The anti-slip coating ensures a safe surface.



Bottom locking mechanism

A bottom latch lock can be fitted to the bottom panel as an option.



Convenience

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



Ease of operation

Smooth movement of the sliding panels by hidden rollers incorporating ball bearings with noise-inhibiting contact surfaces.

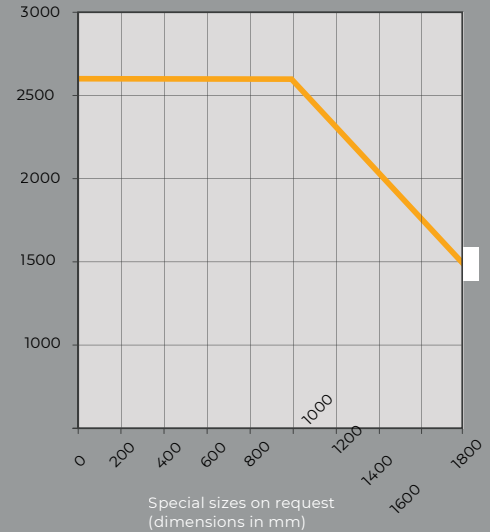
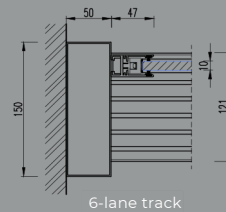
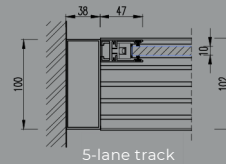
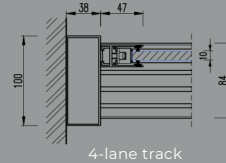
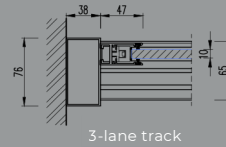
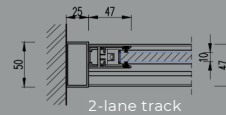


Locking mechanism

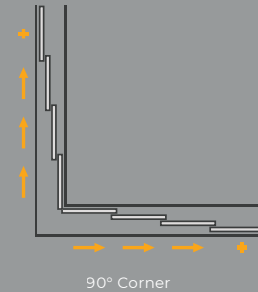
A choice of handles, locks and locking mechanisms can be fitted internally and/or externally as a primary locking function.



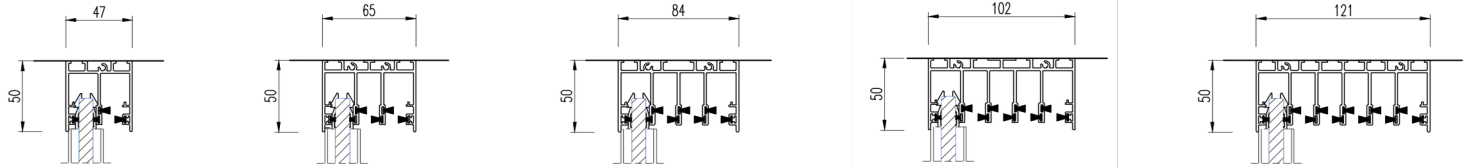
Side Wall Fittings Panel Size Diagram



SF20 Corner Solution

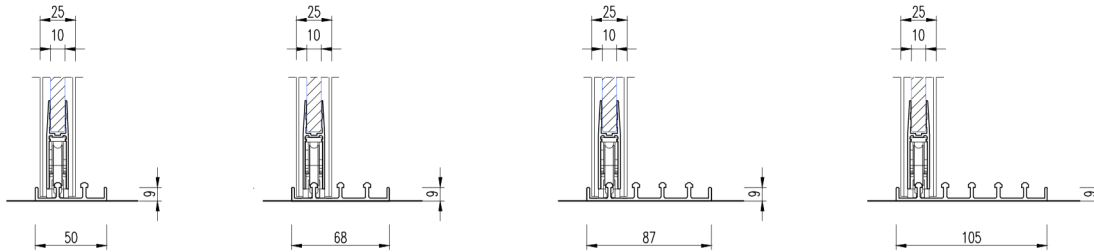


SF20 Top Track Profile Options



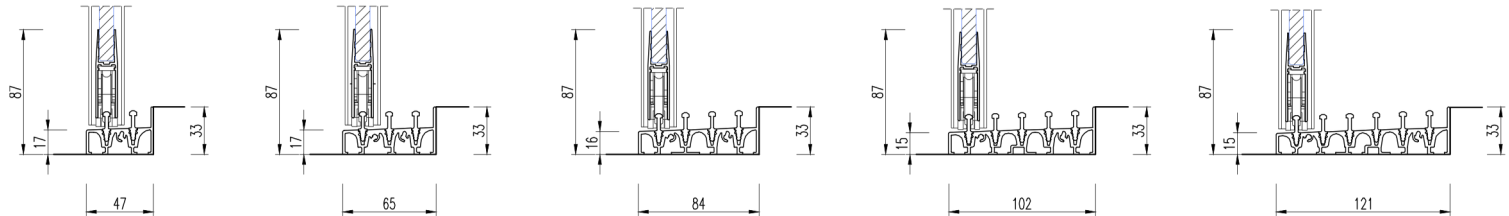
Top Guide rails available from 1-to-6 lane tracks.

SF20 Flush Track Profile Options



Flush track slide rails available from 1-to-5 lane tracks.

SF20 Threshold Track Profile Options



Threshold track slide rails available from 2-to-6 lane tracks.



SF20 Multi Slider



SF20 Multi Slider



SF25 Slide and Turn System

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Photo © Ries Shaw Architects



SF25 Slide and Turn System



OUR SERVICES

- Aluminium & Glass
- Specified Glass
- Frameless Glass
- Privacy Films
- Garage Doors
- Aluminium Composite Panels
- Roller Shutters
- Steel Window Replacement
- Fire Doors
- Dry Wall Partitioning & Ceiling Boards
- Trellis Security Doors
- Turnstile
- Plantation Shutters
- Gate Motors
- Blinds
- Epoxy Self Levelling Flooring
- Access Flooring

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