



**SF35** Double Glazed Slide and Turn System

**SUNFLEX** 

## SF35 Double Glazed Slide and Turn System

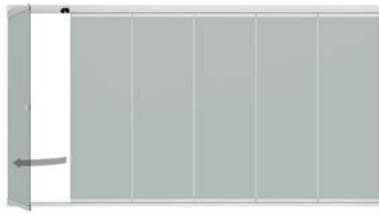
The Sunflex SF35 system is ideal for patio or balcony enclosures where protection from the elements is needed without compromising your view. Designed and tested to withstand very high winds and rain, the SF35 system may also be used as a primary door to create open plan living areas and a connection between the interior and outdoors. Individual, unconnected sliding panels allow homeowners to easily vary the configuration to effectively control airflow. The slimline profile of SF35 stacks away neatly without taking up unnecessary space.

Systems are:

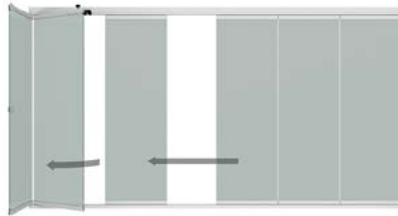
- Fully customizable
- Able to stack inward or outward
- Slide around curves and corners
- Comes with various floor track and handle options
- House insulated glass of 18mm to 20mm



## SF35 Operation



Single door access for daily use



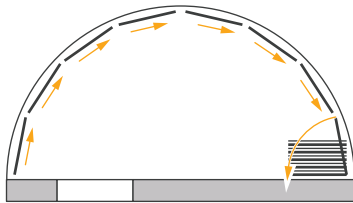
Panels independently slide and turn to stack



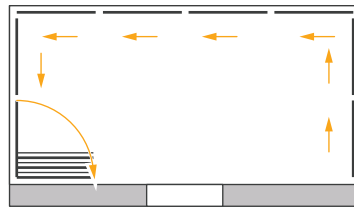
Large openings created with little fuss

## Geometries

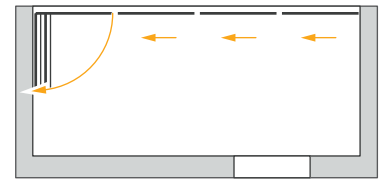
The horizontal running mechanisms of the SF35 allows for the glass panels to be operated through any angle between 90° and 180°. The direction in which the SF35 slide & turn system opens can be chosen as required.



Segmented systems

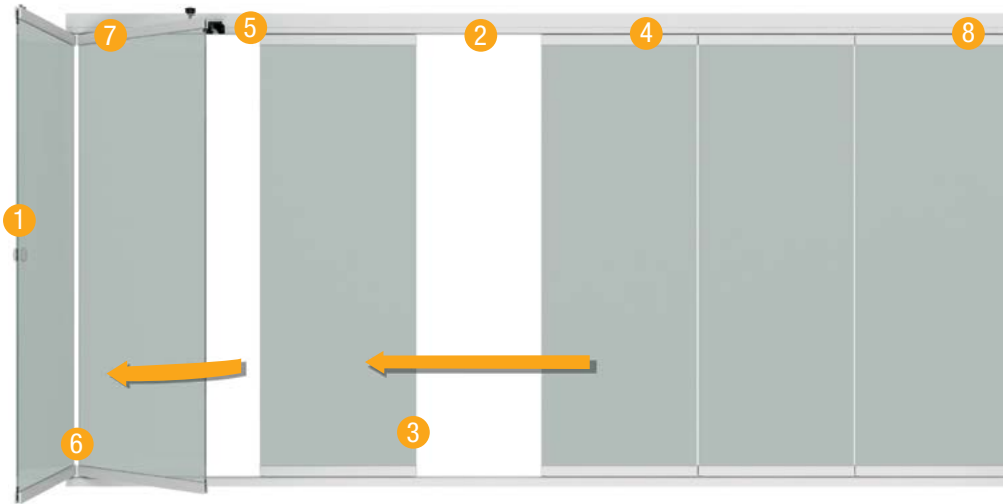


Angle solutions 90 – 180°



Straight systems





Lock profile with flat handle and profile cylinder



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



Insulated glass of 18mm or 20mm available



Completely stainless carriage system available for coastal climates



Interlocking panel profiles for improved weather protection and insulation



Bottom hinge wheel for extra support



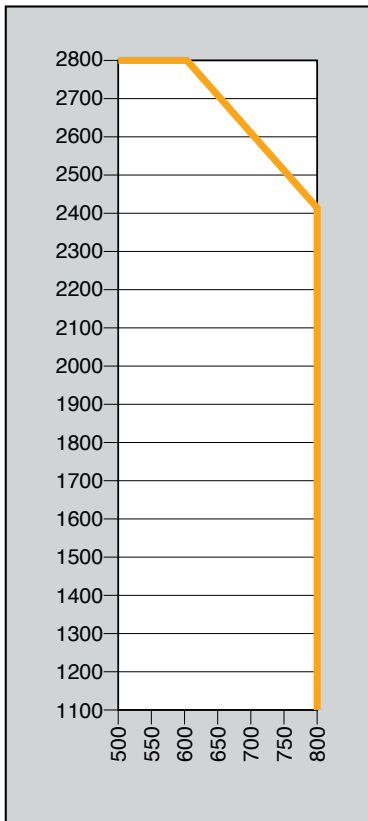
Optimal panel guidance without guide arm when opening and closing



Reinforced joining pins for extra corner stability



## Panel Size Diagram



Larger panel sizes available on request



## System Information

- Low-wear and maintenance free fittings.
- Various bottom tracks and handles.
- Pressure-free drainage of bottom track by inclined floor construction.
- Catch channel on the inside of the bottom track to drain condensation water and cleaning materials.
- Top-Hung construction allows for years of smooth operation.
- The running assemblies each feature three smooth-running needle bearings and two polyamide rollers.
- Inward or outward opening of the panels possible.
- Choice of panel partition and sliding direction.
- Height compensation of up to 22 mm ( $\pm 11$  mm).
- Double brush seal with plastic bridge at top and bottom of the glass panels.
- Double locking device.
- Weatherproof.

## System Testing

- Safety test class 3 in compliance with DIN EN 12211/12210\*
- Airborne sound insulation up to  $R_w = 30$  dB in compliance with DIN EN ISO 140-3\*\*
- All-round frame and vertical profiles in the panel-butt areas
- Insulated glass of 18 or 20 mm available, or 8-10 mm ESG-H
- Lateral wall connection with vertical junction profile
- Forced ventilation through gap ventilation
- Increased panel rigidity.
- Increased air tightness



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