

ST602F/SF

High and wide doors in continuous use

Steel – one of the world's hardest materials. The SCHNEIDER steel folding door ST602F/SF supplements this basic strength with a solid steel frame design and the use of extremely stable running rails, hinges and corner connections. Thus, large door systems are produced, which are very robust, withstand high loads and continuous use, and additionally enable large glass panels. For those requiring very high and wide doors in continuous use, the SCHNEIDER folding door ST602F/SF will be a good option.

HIGHLIGHTS

- › Very robust
- › Proven in continuous use
- › Design depth: 60 mm
- › Area of application up to 15.6 m in width x 7 m in height
- › Welded and soldered connections



Technical data	ST602F/SF
Design depth	60 mm
Frame width	min. 95 mm
max. door size (OW x OH)	15,600 x 7,000 mm
max. leaf width	1,300 mm
Partition variants	2+0 / 2+1 / 2+2 / 3+0 / 3+1 / 3+2 / 3+3 / 4+0 / 4+1 / 4+2 / 4+3 / 4+4 / 5+0 / 5+1 / 5+2 / 6+0 / 6+1 / 6+2 / 6+4 / 6+6
Door with active leaf (OW x OH)	max. 5,500 x 3,500 mm
Built-in access door	max. height 2,500 mm
Insulating safety glass	max. 4 m ² continuous per field
Size of fully glazed doors	max. 5,500 mm
Automatic opening	possible with partition 2+2
Resistance against wind load	min. Class 2-5
Watertightness	Class 0-3
Airtightness	Class 0-3
Thermal resistance	on request
Fire protection	Class 0
Motion cycles	200,000



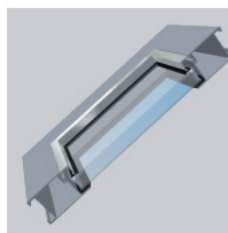
DOOR DESIGN ST602F/SF

Solid steel frame design, mitred, made of hot-dip galvanised steel profiles



Profile

- › Design depth: 60 mm
- › Frame width: min. 95 mm
- › Wall thickness of the profiles: min. 2-4 mm
- › Hot-dip galvanised steel frame; high-quality powder coating possible



Fillings

- › Double-walled steel ISO panels: 42 mm
- › Double-walled glazing or multi-skin sheets in different variants and thicknesses



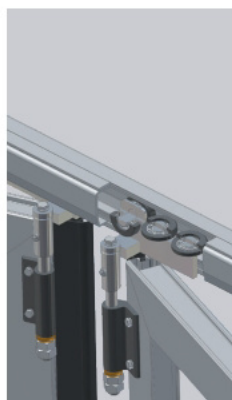
Colour

- › Galvanised steel
- › Powder coating in façade quality or highly weather-resistant + RAL at customer's choice + Metallic



Operation

- › Manual
- › Fast automatic opening
- › E-drive Basic or Power-F



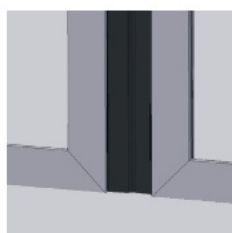
Running rail

- › Of 5 mm thick aluminium sheath and steel rail
- › Suspension of the door leaves on roller units with horizontal and vertical guide rollers
- › Integrated seal carrier with continuous lip sealing
- › Dust-proof, maintenance-free ball bearings
- › Opening angle: 90° or 180° (max. 3 leaves)
- › Rail remains clean, as it is only open towards the bottom
- › Ease of operation and smooth running



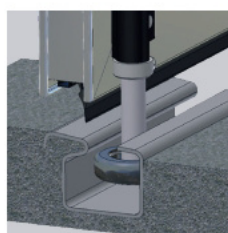
Hinges

- › Hinge bolt stainless steel 20 mm
- › Invisibly screwed aluminium hinges anodised with C35
- › Dust-proof thrust bearing in brass housing
- › Solid, adjustable, re-forgeable
- › Ease of operation, easy to replace, easily re-adjustable, no wear



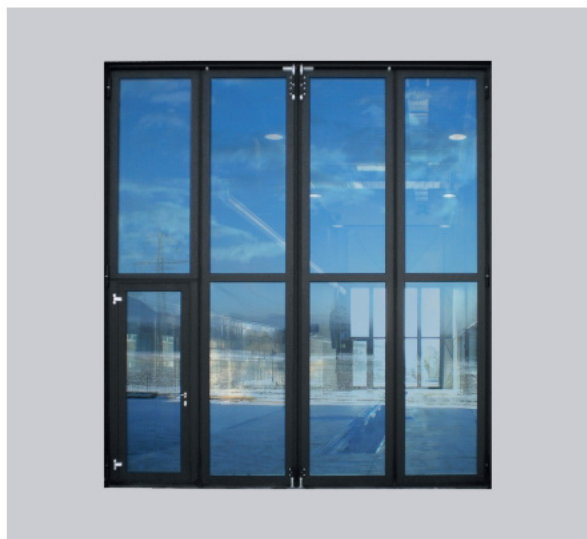
Finger-pinch protection

Safety with finger-pinch protection made of elastic non-decomposable EPDM rubber in all vertical closing edges, black



Floor connection

- › Galvanised as standard
- › Threshold: L50, L50 NIRO, L50D, U50D
- › Without threshold: RA
- › Recessed floor guide: BF (Fig.), BF heated, BF-light NIRO, BF-light NIRO heated



Integrated door

- › Fast access to the hall without having to open the entire folding door.
- › Active leaf: entire door leaf with access function
- › Built-in access door: opening towards the outside with max. height 2,500 mm,
- › Threshold profile: max. 40 mm, low threshold* possible

*only with floor connection with tread angle and without rubber seal