

Profil system

- SUNFLEX, series SF 20 - or equivalent.
- The sliding system SF 20, advertised below, is a transparent construction of sliding panels with hot-tempered single-pane safety glass (ESG-H).
- In the upper area, the panes must be mounted in the guide rail via friction-reducing brush seals.
- The washers must be held in the lower aluminium profile by a combination of a concealed clamping system and additional gluing.
- The sliding sashes are upstanding / running and should be able to run in 1-track, 2-track, 3-track, 4-track, 5-track or 6-track versions of the lower runner and upper guide rails.
- The lower running track must be able to be lowered into the ground if necessary.
- If necessary, the system must be equipped with a lateral wall connection profile.
- Upper lowering of the eaves / lintel up to 20 mm must be able to be absorbed by the system, without affecting the function or subsequent work on components and performances.

Fittings

- All fittings must be hidden in the profiles.
- The value stability of the sliding system is to be ensured by the use of low-maintenance, low-rattle, rust-proof and fault-free fittings.
- The cut surfaces of the lower, horizontal sash profiles must be covered over the entire surface with cover caps.
- The sliding panel must have a driver function that automatically closes all sliding panels moving in the same direction when the inner sash sliding panel (handle panel) is closed.

Running assembly

- Mandatory are ball bearings and low-wear carriages arranged at the bottom.
- The carrying capacity of the carriages must be at least 80 kg / panel.
- The carriages should be adjustable in height without having to remove the panel.
- The carriages must be designed so that it is easy to move the panels.

Sealing and ventilation

- In the vertical area between the panels, the driving rain repellent and the permanent ventilation must be ensured by a defined covering of the panels in the closed state.
- The use of additional vertical profiles should increase the tightness.

Drainage

- Pressure-free drainage of the bottom rail to the outside by sloping floor construction must be ensured.
- The side frame trim must be sealed with end caps against escaping water to prevent moisture build-up in the structure.
- The individual catwalks should be optimized in length and allow easy cleaning of the floor rail.
- Slip hazard reduced by rubber coating on the tread surface of the floor rail.

Glazing

- The panes must be clamped in the lower aluminium profiles by means of a concealed clamping system and additionally glued.
- The glazing must be done with 8 or 10 mm heat-soaked toughened safety glass.
- All panes must be treated according to the building rules list by means of a heat storage test and have circumferentially polished edges.

Manufacturer/Contact:

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Pos. 1

Product: SUNFLEX

Type: SF 20 or equivalent

Number of elements: piece

Dimensions

Clear width: mm (flat pattern total)

Lichte Höhe: mm (including eventual ground cover)

Number of panels

opening to the left: panel

opening to the right: panel

(Please make a plan or view sketch to understand)

Colour

RAL 9016

RAL 7016

RAL 9006

RAL 9007

RAL E6-EV1

Special colour

(With special color please specify exact name)

Glazing

8 mm tempered glass with heat soak test

10 mm tempered glass with heat soak test

Special glass

Floor connection

Standard bottom rail

embedded ground rail (height incl. gap seals)

Gap seals

per panel joint 1 piece gap seal

(Attention: Due to dizziness, an alternative ventilation may be required)

Other special features: