

## 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: