

**Application\*:**

- Balcony / Loggia glazing
  - Partition / Internal partition / Room divider
  - Commercial application
  - Commercial façade
  - Pool glazing
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**Profile System**

- ▮ The horizontally sliding wall SL 65-HSW is a triple-laminated construction.
- ▮ Construction depth: 66 mm for the panel profile, 70 mm for the running track.
- ▮ Air permeability class 2 in accordance with DIN EN 12 207 impermeability to rain Class 7A according to EN 12 208 (stress group "B" in accordance with DIN 18 055) must be achieved.
- ▮ The aluminium bottom track should be provided without a threshold and can, as an option, for shop fronts or for "barrier-free dwellings" in compliance with DIN 18 025, be set into the floor.
- ▮ The system should have a bottom track with adjustable interlocking points.
- ▮ Optional floor sockets instead of a bottom track should be provided.
- ▮ Segmented layouts available upon request.
- ▮ The running and guide tracks are to be integrated flush into the system and should not protrude.
- ▮ It must be possible to integrate the running track into the ceiling structure and to manoeuvre it at any angle 90°-180°. It should consist of insulated profiles.
- ▮ The system must be constructed so that height tolerances and expansion are allowed for without leading to a fault in function or impermeability.

**Hardware**

- ▮ All fittings must lie concealed in the profiles.
- ▮ To ensure stability of the horizontally sliding wall, low-maintenance, low-rattle, rustproof and foolproof fittings are to be provided.
- ▮ In principle, latching and unlatching of the doors should be effected by a user-friendly, one-handed 180° turn of sturdy flat handles (with a blocking element for break-in protection) from the inside. In addition, it must be possible for these handles to be lockable.
- ▮ The locking of each single panel into the bottom rail or floor sockets as well as the simultaneous interlocking of two neighbouring panels by means of a male-female interlock must be carried out with this one-hand handle.

**Running Gear**

- ▮ The top-hung rollers must be ball-bearing and have a low-noise track made of fibreglass-strengthened polyamide.
- ▮ The running gear must be constructed so that the panels can travel over any angle and can be retracted into the parking bay without trouble.

**Sealing**

- ▮ Double brush seals with flexible plastic edging should be applied horizontally at the top and bottom for protection against dust and draughts.
- ▮ A double layer of EPDM weather stripping should be provided to seal the door jambs against rain and wind.

**Glazing**

- ▮ "Dry" glazing with flush sills should be provided.
- ▮ Trouble-free pane replacement at a later date should be possible.

**Park Position**

- ▮ The option of having the parking positions of the individual panels either inside or outside the plane of the opening in separate stacking bays should be made available.

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**\* The possible applications referred to and schematic diagrams shown are examples only. This does not discharge the customer of his duty to examine in detail the applicability of a system (i.e. use, heating, country-specific regulations etc.)**

