

Profile system

- Horizontal sliding wall in thermally insulated aluminium profiles.
- The individual panel elements are held and guided in upper aluminium rails by a hidden mounting system.
- The structural depth of the profile is 55 mm, which corresponds to the structural requirements.
- Sound insulation residual value = 30 dB according to DIN EN ISO 140-3
- The panels can be optionally opened and parked inwards, outwards or centrally.
- The sliding panels can be opened optionally on one or two sides and can be parked in a docking station at a location of your choice.
- The glazing system can be implemented optionally within a surrounding window frame or with only ceiling rails without floor rails.
- Height tolerance and extensions can be incorporated without causing sealing and functional disturbance.
- Height compensation is always possible even after assembly, without having to dismantle components or sealing.

Fittings

- All fittings are hidden in the profiles.
- The quality of the horizontal sliding wall is ensured by the use of maintenance-free and rustproof components, as well as fault-free fittings.
- The locking of the panels is achieved by locking bars in aluminium with at least 22 mm lift in the floor. The ends of the locking bars are fitted with polyamide caps, so that locking does not consist of 'metal on metal'.
- Locking and unlocking of the panels from the inside is achieved by user-friendly single-handed operation via 180° rotation of sturdy flat handles with latches to prevent break-in. In addition it is possible for these to be made lockable.
- An integrated, separately-operated door panel with latch-operated multiple locking system, lock and latch lock can be provided.

Running assembly

- Each element is guided at two points in an aluminium ceiling guide rail and is moveable using maintenance-free horizontal running assemblies. The slide rail is completely maintenance-free.
- The maximum load bearing capacity of the running assemblies per sliding panel is approx. 120 kg.
- The running assemblies are movable over every angle between 90° and 180°.

Sealing

- In the vertical panel joint rain and windproofing is ensured by EPDM seals at two seal levels.
- At the bottom, two brush seals with flexible plastic bars are fitted horizontally to prevent the entry of dust and draughts (only for floor rail without stop).

Glazing

- The glazing is installed as continuous glass strips, which ensures a panel structure of 6 mm to 38 mm - in accordance with the general glazing directive.

- The fitting of the glass and the glazing rebate drainage is implemented according to the general glazing directives.
- Subsequent changing of the panels is possible without problem.
- All glass panes conform to the Building Rules List.