

## Profile system

- Folding door in non-thermally insulated aluminium profiles.
- The structural depth of the profile is 45 mm, which corresponds to the structural requirements.
- Within a folding wall it is possible to fold one part of the panel to the left and another part to the right.
- Opening of the folding wall is optionally inwards or outwards.
- The floor rail can be fitted with a stop if required and can be optionally embedded in the floor. Implementation without a stop is used for the reception areas of business premises or "barrier-free apartments" according to DIN 18 025.
- The slide rails and guide rails are integrated flush into the system and not projecting.
- Height tolerance and extensions can be incorporated without causing sealing and functional disturbance.
- The profiles are available as angled or soft/rounded variants.

## Fittings

- All fittings are hidden within the profiles.
- The quality of the concertina partition 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 upper and lower slide and guide rails. 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.
- An integrated tilting, turning or turn-tilt panel within a panel are optionally available.
- The bands have additional protection so that the pivot pin cannot be knocked out (break-in prevention).
- A turning panel opened by 180° can be securely clamped to the adjacent panel using latches.
- For inward opening balcony elements special cleaning fittings can be used to make cleaning from the inside easier.

## Running assembly

- Running assemblies with four rollers can be fitted optionally below or above.
- The rollers have a low-noise, wear-proof, heat and cold resistant contact surface made from glass fibre reinforced polyamide.
- The running assemblies are located above the water flow area and their running ability is not affected by contamination.
- The maximum load bearing capacity of the running assemblies per sliding panel is approx. 160 kg.

## Sealing

- Sealing is achieved circumferentially using EPDM seals at two seal levels.

- At the bottom of the panel frame, double brush seals with flexible plastic bars are fitted to prevent the entry of dust and draughts. (only for floor rails and ceiling rails without stop)

### **Glazing**

- The glazing is installed as continuous glass strips, which permits a panel structure of 6 mm to 20 mm - in accordance with the general glazing directive.
- The fitting of the glass and the glazing rebate drainage are 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.