

Application*:

- Balcony / Loggia glazing
- Commercial façade
- Pool glazing
- Commercial application
- Wintergarden unit
- Partition / Internal partition / Room divider
- Open sitting area / Porch
- Standard window

Profile System

- | The folding system SL 65 is a triple-laminated cross grained solid wood construction with 66 mm construction depth. Wood from a sustainable forest management system and special types of wood should be available as an option.
- | Air permeability class 2 in accordance with EN 12 207 impermeability to rain class 4A according to EN 12 208 and resistance to windload Class B3 according to EN 12 210 must be achieved.
- | Besides the normal opening options inwards and outwards, within the folding façade, it should be possible to fold one part of the panel inwards and another part outwards.
- | The upper aluminium running track is to be laminated inside and outside with 10 mm of wood.
- | The bottom rail should be provided with a flush threshold which can, as an option, for shop fronts or for "barrier-free dwellings" in compliance with DIN 18 025, be set into the floor.
- | Segmented layouts are available upon request.
- | The running and guide tracks are to be integrated flush into the system and should not protrude.
- | 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 system stability, low-maintenance, low-rattle, rustproof and foolproof fittings are to be provided.
- | The interlocking mechanism rods should be made of aluminium and interlock into the upper and lower running and guide rails. The rods must have polyamide caps so as not to operate "metal on metal". For optimum impermeability and break-in protection, the entry door panel (swinging panel) should be laterally engaged with the frame or with the neighbouring panel by means of an additional bolting device.
- | 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.

- | An integrated, separately operated entry/exit door panel with a handle inside and outside, lock and profile cylinder must be structurally possible.
- | A design with an integrated tilt or tilt-turn panel within a door unit should be made available as an option.

Running Gear

- | The top-mounted rollers must be ball-bearing and have a low-noise track made of fibreglass-strengthened polyamide.

Sealing

- | Double brush seals with flexible plastic edging should be fitted 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 glazing beads should be provided.
- | Trouble-free pane replacement at a later date should be possible.

*** 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.)**