

System

- | Thermally broken aluminium profile system
- | By using the example of three-panel unit (W x H 2700 x 2300 mm) with doubleglazing with an $U_g = 1.1 \text{ W/m}^2\text{K}$ value and thermally improved outer edge, an $U_w = 1.6 \text{ W/m}^2\text{K}$ was achieved according to DIN EN ISO 10077-1.
- | Air permeability Class 4 according to DIN EN 12 207, impermeability to rain Class E900 according to DIN EN 12 208 and resistance to windload Class C3 according to EN 12 210 (test group C according to DIN 18 055). These classes are given as an example and may vary depending on the configuration.
- | Construction depth: 59 mm
- | Floor mounted panels as standard, top hung panels optional, but required in case of inward opening balcony units with removable pins for easy cleaning.

Frame

- | Exterior dimension of frame to be determined according to the opening. Add allowance for fitting.
- | Choose floor track option. Flush floor track, for instance, for business entrances or unobstructed / wheel chair access to living accommodation according to DIN 18 025 is possible.

Panels

- | Choose number of panels.
- | Maximum panel size depends on type of glass to be used. If necessary, increase number of panels (see panel size chart).

Design variations (viewed from the inside)

- | Floor-mounted panels as standard
 - Top hung panels
- | Type I: inward opening
 - or
 - Type A: outward opening
- | Define function of glass folding doors by
 - numbers of L (number of panels opening to the left)
 - and / or
 - number of R (number of panels opening to the right).

Determine hardware

- | Operation from inside with SL flat handle in stainless steel - standard.
 - Various locking systems of entry / exit panel, locks, profile cylinders etc. optional.
- | Removable hinge pins for easy cleaning available for top hung and inward opening folding glass door.

Finish

- | Choose system finish:
 - Powder-coating according to RAL 9006, RAL 9007 and RAL 9016 - Standard. Eloxal according to EURAS.
- | Choose hardware colour:
 - SL Design handle in satin stainless steel - standard.
 - Panel corner connectors in RAL powder coating to match system colour.
- | Other surface finishes available on request.

Glazing

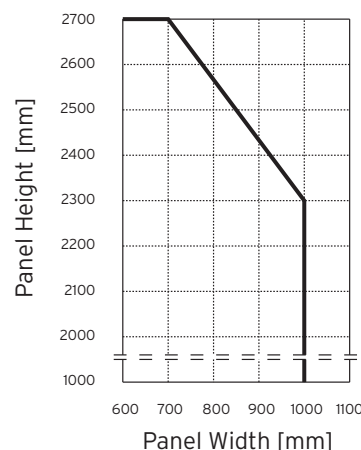
- | Heat-insulating glass $U_g = 1.1 \text{ W/m}^2\text{K}$ with 2 x 4 mm float glass as standard.
- | Total sealed unit thickness from 5 mm to a maximum of 40 mm possible.
- | Special glazing on request.

System combinations

- | SL 60e - folding glass door can be combined with SL 60e non-standard, fixed and tilt & turn units.

Panel size chart

(Dimensions incl. frame)



— applies to infill panels and panes with a maximum weight of 20 kg/m^2

In the case of insulating glass of 2 x 4 mm a division bar is required above 2550 mm.

- max. panel weight 80 kg
- oversizes on request