

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 $U_w = 1.5 \text{ W/m}^2\text{K}$ was achieved according to DIN EN ISO 10077-1.
- | Air permeability Class 4 according to DIN EN 12 207, impermeability to rain Class E1200 according to DIN EN 12 208 and resistance to windload Class C3 according to EN 12 2100. These classes are given as an example and may vary depending on the configuration.
- | Construction depth: 80 mm.
- | Panels floor-mounted.

Frame

- | Plan the outer frame measurements to comply with opening in building. Allow for required clearance.
- | Choose floor connection. Bottom tracks with flush recessed threshold available, for example, for shop entrances or for "barrier-free dwellings" in accordance with DIN 18 025.

Panel

- | Choose number of panels.
- | Panel sizes are restricted in height and width according to type of glass used, possibility of increasing the number of panels (see panel size chart).

Design Alternatives (as seen from the inside)

- | Type I: Inswing or Type O: Outswing.
- | Determine system functions using "Number" L: Number of panels opening to the left and/or "Number" R: Number of panels opening to the right.

Determine Hardware

- | Operating from the inside only - standard. Various door panel latches, locks, profile cylinder, etc. available - optional.

Surface

- | Choose system colour using RAL. Powder-coating according to RAL 9006, RAL 9007 and RAL 9016 - Standard. Eloxal according to EURAS.
- | SL-Design handles in satin stainless steel - standard.
- | Hinges available in E6 EV1 and E6 C35.
- | Other surfaces available on request.

Glazing

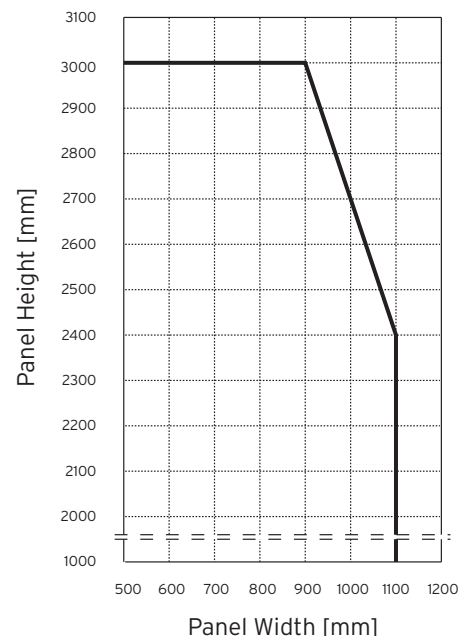
- | Insulated glass $U_g = 1,1 \text{ W/m}^2\text{K}$ ($k = 1.0$) with 2 x 4 mm float glass - standard).
- | Pane configurations from 24 to maximum 40 mm possible.
- | Special glazing available on request.

System Combinations

- | SL 80 - Folding System can be combined with design elements, fixed and tilt-turn elements.

Panel size chart

(Dimensions incl. frame)



— valid for fillings and glasses with a weight of max. 30 kg/m^2

The maximum panel weight is 100 kg.

In the case of insulating glass of 2 x 4 mm and 3 x 4 mm a division bar is required above 2550 mm.

- oversizes on request