

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 $U_w = 1.8 \text{ W/m}^2\text{K}$ was achieved according to DIN EN ISO 10077-1.
- | Air permeability Class 4 according to DIN EN 12 207, impermeability to rain Class 9A according to DIN EN 12 208 and resistance to windload Class B3 according to EN 12 210. These classes are given as an example and may vary depending on the configuration.
- | Construction depth panel/frame: 70/80 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.
- | Segmented layouts available.

Determine Hardware

- | Operating from the inside only - standard. Various door panel latches, locks, profile cylinders, etc. available - optional.
- | Lockable handles, pull handles, top door locks, etc. available - optional.

Finish

- | Choose system colour using RAL 9006, RAL 9007 and RAL 9016 - standard powder coating, or EURAS eloxal colours.
- | SL Design handle in satin stainless steel - standard.
- | Hinges available in RAL 9006, RAL 9007, RAL 9016 and RAL 8077 - standard.

- | Other surfaces available upon request.

Glazing

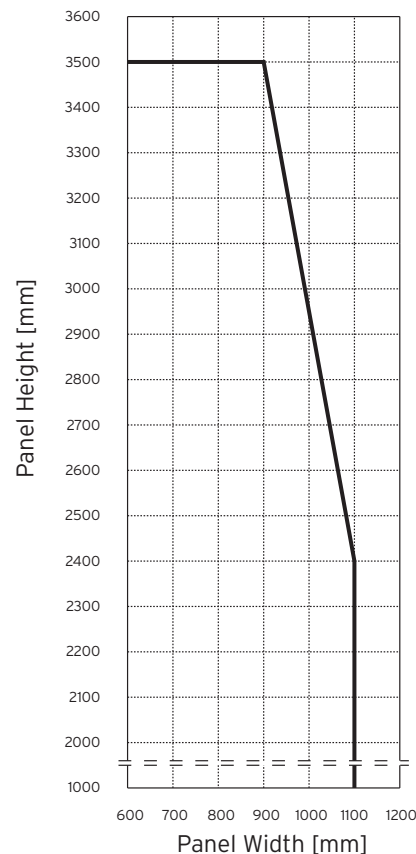
- | Insulated glass $U_g = 1,1 \text{ W/m}^2\text{K}$ with 2 x 4 mm float glass - standard.
- | Pane configuration from 20 to maximum 38 mm possible.
- | Special glazing available upon request.

System Combinations

- | SL 70e - Folding System can be combined with SL 80 / SL 81 design, fixed and tilt-turn units.

Panel size chart

(Dimensions incl. frame)



— valid for fillings and glasses with a weight of max. 20 kg/m²

For units higher than 3000mm a glass-dividing transom rail is necessary and only configurations with panel pairs can be supplied.

- max. panel weight 100 kg
- special sizes on request