

### System

- | Transparent slide and turn system comprising movable panels fitted with heat-soaked single pane safety glass (ESG-H).
- | Airborne sound insulation up to  $R'_{w, P} = 17$  dB according to DIN 52 210-3.
- | Non-insulated aluminium framed system.
- | Construction depth: 31 mm.
- | Panels top-hung, each panel independently moveable.

### Frame

- | Decide on outside frame dimensions on the basis of the opening. Add allowance for fitting. Adjustable frame (+15 mm at the side), which enables compensation for width tolerance, is standard. Height adjustment to compensate for tolerances up to +/- 8 mm is optional.
- | Select floor track arrangement - placed on top or sunk into the floor.

### Panel

- | Chose 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).
- | The maximum of 12 panels at an opening depends on panel width. It might be possible to have up to 24 panels for one unit by planing another opening position at the opposite side of the element. Individual solutions on request.

### Design Alternatives (as seen from the inside)

- | Typ I: opening to the inside  
or  
Typ A: opening to the outside.
- | Determine system functions using "Number" L: Number of panels opening to the left and / or "Number" R: Number of panels opening to the right.
- | Choose position for opening panels: left and / or right.
- | The panels can travel round any angle between 90° and 180°.
- | Segmented curved configurations are possible.

### Specification of door furniture

- | Opening and closing from the inside as standard, with a stainless steel cord for inward opening and a door knob for outward opening units.
- | Opening and closing from the inside and outside as an option, with a door knob inside & outside or a mortise sash lock with a set of handels and profile cylinder.

### Finish

- | Select the colour of the system.  
Powder coating according to RAL.  
Anodised aluminium according to EURAS
- | Additional finishes on request.

### Glazing

- | 8, 10, 12 or 15 mm heat-soaked single pane safety glass (ESG-H)
- | Special glazing on request.

### System Combinations

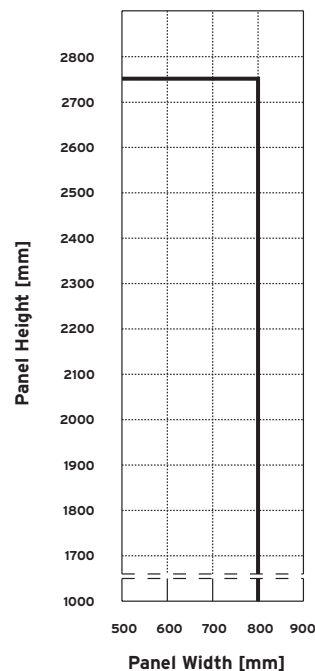
- | SL 25 XXL All Glass panels can be combined with parapet, fixed and turn & tilt units of system SL 45.

### Planing and building permit

- | Local Authority approval of SOLARLUX balcony glazing differs from country to country. It is therefore advisable to make enquiries with the relevant authority. As the SOLARLUX balcony glazing is totally transparent the appearance of the building is not affected. For this reason many authorities do not require any application for permission.

### Panel Size Chart

(Dimensions incl. frame)



— standard

Note!

Not all panel sizes shown can be used without limitations. Glass thickness and panel size depend on the type of construction and wind load. Structural calculations may be necessary.

- Special designs on request. -