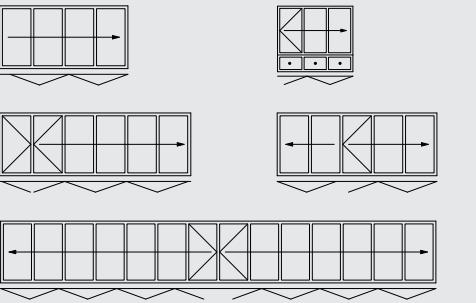


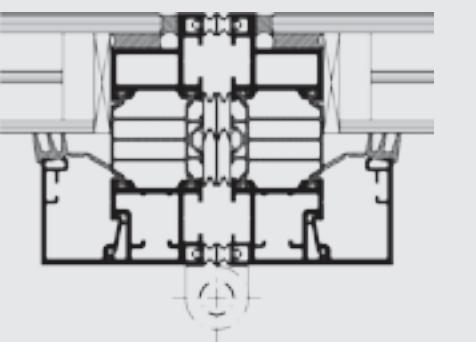
FLOOR TRACKS



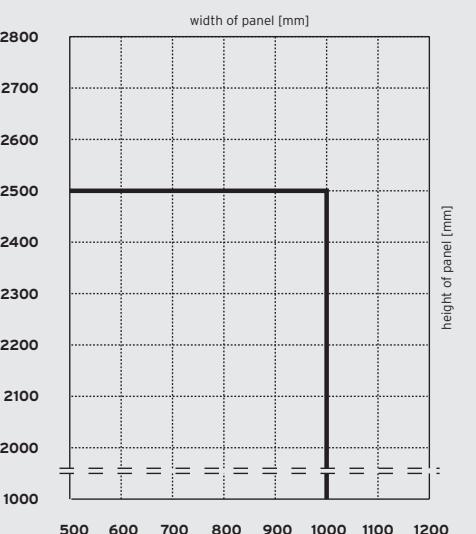
CONFIGURATION VARIANTS



SECTIONAL DETAIL



PANEL SIZE CHART



SYSTEM

- Available as floor-mounted folding glass door
- Can be folded inwards, to the left and/or to the right

SYSTEM PROFILE

- 80 mm element thickness
- Slim line profile surrounding the glass panes
- Triple wraparound sealing for protection from wind and rain
- The integrated multi-point locking system and the ergonomic door handle with catch bolt, lock and profile cylinder ensure high security
- Opening and closing of the units is also possible from the outside with handles which are bolted through the glass doors and these are lockable using a profile cylinder
- Flush floor track without upstand for barrier free optional

WINDOW/DOOR SYSTEM

- Can be combined with SL 80/81 window system.
- Modular, fixed and tilt and turn units.

FITTINGS

- No protruding runner and guide tracks
- Lockable in any partly open position
- Stainless steel runners and tracks ensure effortless sliding action of the folding glass door

GLAZING

- Layered heat insulated glass
- Triple-glazing available
- Overall thickness of the sealed units 30 to 38 mm
- $U_g = 0,7 \text{ W/m}^2\text{K}$ ($k = 0,6$) with 1 x 6 mm single pane safety glass at the outside, space between panes 12 mm, centre pane 1 x 4 mm float glass, space between panes 12 mm, inside pane 1 x 4 mm float glass

U VALUE

- $U_w = 1,2 \text{ W/m}^2\text{K}$

SURFACE FINISH

- Powder coating to RAL
- Anodised aluminium to EURAS

MAXIMUM PANEL SIZES

- 1000 x 2500 mm
- Panel weight up to 100 kg
- The total element width is unlimited
- Special sizes on request

56-7021037-900 / 05/2013 / subject to technical changes



red dot design award
winner 2010



iF
product
design
award
2010

FOLDING GLASS DOOR
SL 82



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glass in motion

SOLARLUX®



DESIGN

Layered glass overlapping the slim protective surrounding aluminium profile achieve the highly aesthetic quality of an edge-to-edge all-glass system.



WIDTH AND HEIGHT ADJUSTMENT

After installation, the panels are easily adjustable in width. Height adjustments of up to 8 mm are also possible to compensate for dimensional inaccuracies in the structure or if settling of the building has occurred.



FURNITURE

Concealed corrosion-resistant stainless steel fittings ensure clear profile lines and safety. When the folding glass door is open, the panel stack is compact.



BARRIER FREE

A flush floor track without upstand is also available that ensures barrier free living through large openings without a threshold.



ENGINEERED

Long-lasting stainless steel runners and tracks ensure easy, quiet and smooth operation of the folding glass doors.



SAFE OPERATION

A system integrated stainless steel door handle and the integrated multi-point SL locking system ensure high security.



SECURITY

Special espagnolettes with 24 mm throw bolts lock the panels into the top and bottom frame profiles enabling them to withstand gales and provide high security.



HEAT INSULATION

Stable multi-chamber profiles with quadruple thermal insulation and double-/triple-glazing provide the best heat insulation after the latest European Energy saving regulations (EnEV).

