



SL 80/81

AN ALUMINIUM FOLDING SLIDING DOOR SYSTEM WITH NARROW FRAMES AND SLIM PROFILES, PERFECT IF YOU ARE LOOKING FOR A CONTEMPORARY DESIGN AESTHETIC.

This highly heat-insulated aluminium folding glass door system offers maximum transparency without compromising stability or security. Quadruple thermal insulation is a feature of the stable, multi-chamber profile, and you can opt for either double or triple-glazing.

The unique feature of this folding door system is that you have the choice of whether to opt for rounded 'softline' sections, as in the SL 80, or angular sections, as in the SL 81, depending on your personal preference.

ODC Door & Glass Systems Ltd.

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SL 80/81

VARIANTS

Available as floor-mounted folding glass door
Panels can be ordered to open either internally or externally, to the left and/or right

PROFILE SYSTEM

80 mm thickness with 31 mm thermal break
Slim frame and panel profiles (panel joint 104 mm)
Softline (SL 80) or angular profile (SL 81)
Flush floor track without upstand for disabled access available
Tilt and turn panel within folding panel possible
Sealing against wind and rain by double wraparound seal

WINDOW/DOOR SYSTEM

Complete window systems to match folding glass façade: tilt and turn, parallel slide and tilt, fixed units

FITTINGS

No protruding runner and guide tracks
Concealed fittings for one-handed operation
Lockable in any partly open position

GLAZING

Heat-insulating glass as standard
 $U_g = 1,1 \text{ W/m}^2\text{K}$ with 2 x 4 mm glass
Triple-glazing available
Overall thickness of the sealed units 24 to 44 mm

U-VALUE

$U_w \geq 1,00 \text{ W/m}^2\text{K}$

SURFACE FINISH

Powder coating to RAL
Anodised aluminium to EURAS

MAXIMUM PANEL SIZES

Height of panels up to 3000 mm
Special sizes on request

TESTED FOR

Ventilation Class 4 to DIN EN 1026 / 12207
Impermeability to rain Class 9A to DIN EN 1027 / 12208
Resistance to wind Class 3 to DIN EN 12211 / 12210
Long-term functional performance Class 3 to DIN EN 1191 / 12400 (20,000 operations)
Burglar resistance RC2 | RC2 N to DIN EN 1627:2011

WIDTH/HEIGHT ADJUSTMENT

Even after installation the folding glass door can be easily height-adjusted by about 8 mm - which is important if settling of the building occurs.

TRANSPARENCY

Narrow frame and panel profiles afford maximum view without compromising stability.

SAFE OPERATION

The swing panel is locked by means of a special catch and can thus be carried along safely.

COMFORT

The integrated multi-point locking system and the comfortable door handle with catch bolt, lock and profile cylinder lock ensure high security.

HEAT INSULATION

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

STABILITY

Espagnolettes with 24 mm throw lock the panels into the top and bottom track of the frame ensuring they withstand gales and afford high security. Certification according to RC2 | RC2 N possible.

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.

ENGINEERED

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

FOR MORE EXAMPLES OF OUR WORK VISIT WWW.ODCGLASS.CO.UK OR VISIT OUR SHOWROOMS:

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