



SL800+

THE ULTIMATE MINIMALIST SLIDING DOOR SYSTEM - THE 'INVISIBLE WINDOW'.

An innovative aluminium sliding door system delivering extraordinary and expansive glazing in fine elegant frames. With the largest glass panels in our range, the SL800+'s sliding slimline floor-to-ceiling doors guarantee light and drama for your home. With glazing elements up to 6 metres high and 4 metres wide, where the frame sits flush against the wall, ceiling and floor, the ODC SL800+ represents unprecedented design and architectural freedom.

Horizontally movable large expanses of glass contained within fine, elegant frames define the character of the SL800+. Its exceptional level of energy efficiency, with U_w values from $0.76 \text{ W/m}^2\text{K}$ means the SL800+ can fulfil Passive House standards.

The SL800+ can be built in to a wall cavity to create a pocket and leave no visible panels when open. SL800+ can also be used to create 'glass-to-glass' corners and 'open corners' for uninterrupted views when the system is opened. The opening possibilities are practically unlimited, and panel sections are almost completely integrated into the surround frame. Truly an unparalleled product.

ODC Door & Glass Systems Ltd.

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CLARITY IN DESIGN



SL800+



SIGHT LINES

- Panel frame: 52mm, of which 34mm are visible
- Surround frame: 79mm, can be fully covered
- Interlock sections: 34mm
- Handle sections: 34mm
- Large panel installation depth permits the use of anti-fall glazing when required

PANEL & FRAME SIZES

- Panel width up to 4000mm
- Panel height up to 6000mm
- Panel area up to 15m²
- Panel weight up to 1000kg
- Panel thickness: 72mm (glass thickness maximum 54mm)
- Frame depth: 91mm (1 track), 197mm (2 track), 303mm (3 track)

STUNNING DESIGN FEATURES

- Suitable for Pocket and Open Corner installations maximising the open space
- SL800+ is available in our 3 standard colours of Black, Anthracite Grey and White and a full spectrum of RAL colours and in anodised or dual finishes to marine grade quality
- The powder-coated aluminium frames require minimal maintenance
- Continuous handles over the entire panel height
- Linear functional form
- Fastened unobtrusively to the glass frame

INNOVATIVE SLIDING TECHNOLOGY

- Flush-mounted installation for aesthetics and accessibility
- Stainless steel carriages integrated into the panel ensure even force distribution
- Sliding technology in the panel protected against soiling and impacts, therefore low wear and tear
- Double-row deep groove ball-bearings for low-noise running
- Panel slides smoothly with minimum applied force
- Integrated stainless steel runners in the floor
- Easily cleaned
- Partially folding for runner drainage

UNRIVALLED PERFORMANCE

- Reinforced brush seals ensure seamless impermeability
- Two additional sealing layers in the interlock region with all glazing structurally bonded into frames
- High water resistance through lowered drainage duct
- Hidden drainage
- A drainage gutter can be attached
- Ventilation of the glazing rebate for controlled back-ventilation of the panel edge structure

THERMAL INSULATION

- Glass-fibre reinforced polyamide cross-pieces in the surrounding and panel frames
- U Value from 0.76W/m²K to Passive House standard dependent on the particular implementation and glazing used

SOUND INSULATION

- Improved sound insulation through the use of sound insulating glazing (Rw = 44 dB)

AIR PERMEABILITY

- Constructively designed Class 4 sealing levels meet the high requirements for DIN EN 12207

RESISTANCE TO WIND LOAD

- The system withstands wind strength according to DIN EN 12210 up to class C5

WATER TIGHTNESS

- Awarded highest Class 9A for water tightness in heavy rain and storm conditions

SECURITY

- Two-point locking mechanism as standard, with locking spigots above and below in adjustable closing parts

ADDITIONAL SECURITY OPTIONS AVAILABLE

- Lock monitoring (reed contact)
- Signalling systems such as glass breakage detectors with integrated alarm system, bolt sensing for correct locking
- Connection to higher-level control and monitoring systems
- PAS:24 2016 and Secured by Design certified
- Passive House compatible

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

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