



SL800

THE NEW AND UNRIVALLED SLIDING DOOR SYSTEM - THE 'INVISIBLE WINDOW'.

This is the sliding door system architects have been dreaming of. The possibility of having moveable floor-to-ceiling glazing is now a reality with this groundbreaking product. With glazing elements of up to 4 metres high and 3 metres wide, where the frame sits flush against the wall, ceiling and floor, the ODC SL800 represents unprecedented design and architectural freedom.

Horizontally moveable, large expanses of glass panels, combined with fine, elegant frames define the SL800's characteristics.

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



SLIDING DOORS



FOLDING DOORS



WINDOWS



ROOFS & ROOFLIGHTS



GLASS STRUCTURES



DOORS

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 3000mm
- Panel height up to 4000mm
- Panel area up to 12m²
- Panel weight up to 600kg
- Panel thickness: 72mm (glass thickness maximum 36mm)
- Frame depth: 71mm (1 track), 157mm (2 track), 243mm (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 tracks
- 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 1.35W/m²K dependent on the particular implementation and glazing used

SOUND INSULATION

- Improved sound insulation through the use of sound insulating glazing (Rw = 43 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

CONTACT US FOR SL800+ FEATURES AND SPECIFICATIONS

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

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CLARITY IN DESIGN

