

**ODC
SL320i**

GROUND-BREAKING THERMALLY BROKEN SLIDING SYSTEM WITH MINIMAL ALUMINIUM PROFILE FOR MAXIMUM LIGHT.

A slimline elegant sliding system with minimal frame thickness which can be less than ten per cent of the total surface area of the system. This design has an external interlocking frame width of 20mm where the sliding panels meet and lock together on the two and three panel door options.

For four-panel doors, there is the option of bi-parting door interlocks incorporating the locking mechanism.

ODC Door & Glass Systems Ltd.

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CLARITY IN DESIGN



ODC SL320i



SIGHT LINES

- Frame depth: 44mm, can be fully covered
- Interlock sections: 20mm external
- Handle sections: 73mm

GLASS PANEL & FRAME SIZES

- Panel width up to 2500mm
- Panel height up to 3000mm
- Panel area up to 7.5m²
- Panel weight up to 320kg
- Panel thickness: 36mm (glass thickness maximum 30mm)
- Frame depth: 116mm (2 track), 182mm (3 track)

STUNNING DESIGN FEATURES

- Suitable for glass corner installations maximising the open space
- SL320 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
- Colour match handles on our standard three colours: Black handle as standard on other colour doors
- Flush handle with top and bottom locking on interlock

INNOVATIVE SLIDING TECHNOLOGY

- Flush-mounted installation for aesthetics and accessibility
- Stainless steel carriages integrated into the panel ensure even force distribution
- Panel slides smoothly with minimum applied force
- Easily cleaned

UNRIVALLED PERFORMANCE

- All glazing structurally bonded into frames
- Bespoke drainage system to allow high water resistance
- A drainage gutter can be attached
- Increased ventilation through optional trickle vents

THERMAL INSULATION

- High thermal performing profiles with integrated polyamide thermal break.
- U Value $\geq 1.3 \text{ W/m}^2\text{K}$

SOUND INSULATION

- Improved sound insulation through the use of sound insulating glazing ($R_w = 41 \text{ dB}$)

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 7A for water tightness in heavy rain and storm conditions

SECURITY

- High security rod operated multipoint lock; bespoke BSI accredited cylinder locking with internal and optional external handles

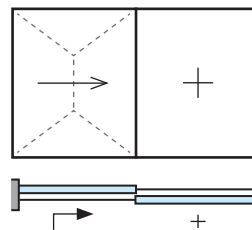
ADDITIONAL SECURITY OPTIONS AVAILABLE

- Can be connected to intruder alarm system
- High security multipoint lock
- Optional laminated security glass

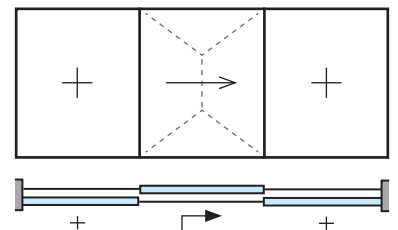
CONFIGURATIONS

2-Track Systems:

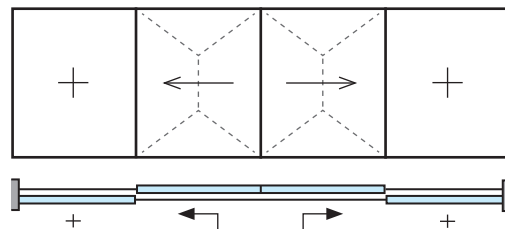
1 fixed panel + 1 sliding panel



2 fixed panels + 1 sliding panel

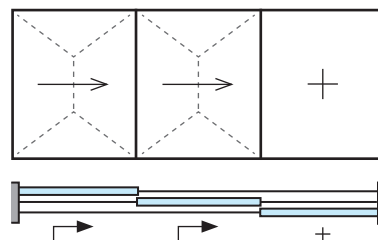


2 fixed panels + 2 sliding panels



3-Track Systems:

1 fixed panel + 2 sliding panels



Note: An end panel must be one of the fixed option

LOOKING FOR THE IDEAL SYSTEM FOR A SMALLER OPENING? CONTACT US TO FIND OUT ABOUT THE SL220