CERO

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 the advent of this groundbreaking product. With glazing elements of up to 6 metres high and 4 metres wide, where the frame sits flush against the wall, ceiling and floor, the Cero represents unprecedented design and architectural freedom.

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

The Cero offers free-standing corner solutions, so that no post is left standing 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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CERO

FACE WIDTHS
Panel frame: 52 mm, of which 34 mm are visible
Surround frame: 79 mm, can be fully covered
Stile sections: 34 mm
Handle sections: 34 mm
ELEMENT SIZES
Panel width up to 4000 mm
Panel height up to 6000 mm
Panel area up to 15 m^2
Panel weight up to 1,000 kg
HANDLES
Continuous handles over the entire panel height
Linear; functional form
Fastened unobtrusively to the glass frame
SUN PROTECTION
Every CERO system can be combined without difficulty with equipment that ensures individually optimised light entry. Slatted binds and vertical awnings are just two of the ways in which optimum control of incoming sunlight and shade can be achieved – according to situation and conditions.
SECTION INSTALLATION DEPTH
Panel frame: 72 mm (glass thickness maximum 54 mm)
Surround frame: 91 mm (1-runner), 197 mm (2-runner), 303 mm (3-runner)
Large panel installation depth permits the use of anti-fall glazing when required
SLIDING TECHNOLOGY
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
Carriages easily replaced if necessary
Double-row deep grove ball-bearings for low-noise running
Panel slides smoothly with minimum applied force
RUNNERS
Integrated stainless steel runners in the floor tracks
Easily cleaned
Partially folding for runner drainage
SEALS
Reinforced brush seals ensure seamless impermeability
Two additional sealing layers in the stile region
DRAINAGE
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_w values depend on the particular implementation and on the glazing used
SOUND INSULATION
Improve sound insulation through the use of sound insulating glazing (dB values on request)
AIR PERMEABILITY
High requirements according to the DIN EN 12207 are fulfilled by constructively designed sealing levels
RESISTANCE TO WIND LOAD
The system withstands wind strength according to DIN EN 12210
SECURITY
Two-point locking mechanism as standard, with locking spigots above and below in adjustable closing parts
Optional use of lock monitoring (reed contact)
Can be extended with a variety of signaling systems such as glass breakage detectors with integrated alarm system, bolt sensing for correct locking
Connection can be made to higher-level control and monitoring systems

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

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