cero

Sliding Doors by Solarlux

Cero by Solarlux exclusively offers great design freedom and many potential application possibilities to be installed in even the most architecturally demanding buildings. The system components consist of sliding, fixed or corner elements that can be combined in numerous configurations. Despite the glass panels weighing up to 1,000 KGs, Cero sliding doors can be opened and closed effortlessly.

Cero's uniqueness lies within the integrated glass with rebate ventilation, enabling the venting and controlled drainage of the window edge. Additionally, Cero can be equipped with special glass that can be integrated into an existing alarm system, or alternatively, the use of an intruder alarm sensor that activates when the glass breaks is also possible.

Features

Creative design freedom

Cero opens rooms with extensive glass panels, great transparency dissolves the line between interior and exterior. With its 34mm only narrow frames and sections, emphasised by 98% glass, it offers unlimited possibilities, even to the most architecturally demanding of buildings.

Corner solutions

An unrestricted design allows numerous possibilities of combining sliding and fixed panels, or even open corner solutions.

Floor-flushed tracks

The flush floor tracks can either be installed level with the indoor floor or given a slight ramp on the inside and/or outside.

High-end thermal insulation

Cero offers choices for triple or double-glazing variants and provides optimised thermal insulation function as low as 0.8 W/m²K, increasing energy efficiency, thus reducing home heating and cooling costs.

Excellent security

Cero is tested and can be certified to the highest security standards (RC2 and RC3). Huge glass panels of up to 15m² in combination with 2-point rod locking system makes up the most reliable security system. Connection for alarm systems or glass-break sensors are also possible.

Award-winning design

ICONIC AWARDS 2015
product best of best

iF GOLD AWARD 2015

GERMAN DESIGN AWARD WINNER 2016

MAXIMUM SECURITY

WIND & WEATHER PROTECTION

EASE OF MOVEMENT

HIGH-END THERMAL INSULATION

Technical data

	Cero II	Cero III
Sliding Elements	3mW x 4mH / Max. panel size 12m²	4mW x 6mH / Max. panel size 15m²
Fixed glazing	3mW x 4mH / Max. panel size 12m²	4mW x 6mH / Max. panel size 15m²
Insulating glass (double)	30mm - 36mm (ESG)	48mm - 54mm (ESG) / 50mm Standard
Daylight / Proportion of glass	98%	98%
Sliding technology	Carriages & slide rails of stainless steel	Carriages & slide rails of stainless steel
Slide rail / Floor section	barrier-free in accordance with DIN 18040	barrier-free in accordance with DIN 18040
Panel weight	Max. 600kg	Max 1000kg
Visible width	Circumferential 34mm	Circumferential 34mm
Frame height	0mm - 75m	0mm - 79m
Thermal separation	In the frame and panel profile	In the frame and panel profile
Thermal insulation value	U_w up to 1.35W/m²K $\star$	U_w up to 0.76W/m²K $\star\star$
Heavy rain impermeability up to class	9A (EN 1027 / EN 12 208)	E750 (EN 1027 / EN 12 208)
Air permeability up to class	4 (EN 1026 / EN 12 207)	4 (EN 1026 / EN 12 207)
Resistance to wind loadup to	B4 (EN 12 210 / EN 1627)	B3 (EN 12 210 / EN 1627)
Motorisation	Electromechanical drive, automatic operation optioal	Electromechanical drive, automatic operation optioal
Fly protection	Up to 3m high	Up to 3m high

$\star$ Glass U_g = 1.1W / m²K $\star\star$ Glass U_g = 0.5W / m²K

Cero II

Cero II is suitable for any application where you need to provide an accessible opening (using a flush-mounted floor track) and comes with double or triple-toughened single pane safety glass (ESG) as standard.

Cero III

Cero III meets challenging demands to provide the lowest possible Uw values and is equipped with triple toughened single-pane safety glass (ESG) as standard. To meet the highest design requirements, a moveable corner solution and an all-glass corner are also available.
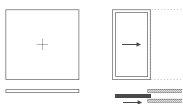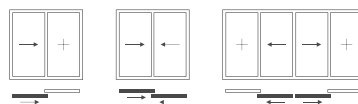
Details

Sample configurations :

The range of combination options for cero sliding, fixed and corner elements is almost limitless. They offer an astounding degree of creative freedom in terms of design and are suitable for any floor plan.
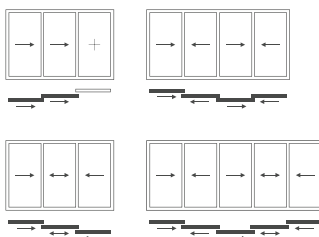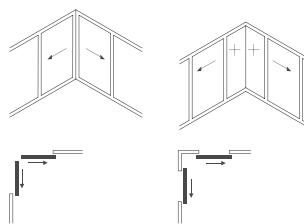
1–track

2–track

3–track

Corner soluations

Special colours :

You can order your cero profiles in any colour you want – you can even choose different colours for indoors and outdoors! Choose from an RAL or DB powder coating, an Eloxal coating in accordance with EURAS, or a variety of our specialist colours, which are available on request

RAL 1015	RAL 3011	RAL 5003	RAL 5008
RAL 5014	RAL 6005	RAL 6009	RAL 7004
RAL 7006	RAL 7015	RAL 7016	RAL 7021
RAL 7024	RAL 7035	RAL 7038	RAL 7039
RAL 7040	RAL 8017	RAL 8019	RAL 8022
RAL 8077	RAL 9001	RAL 9003	RAL 9004
RAL 9005	RAL 9006	RAL 9007	RAL 9010
RAL 9011	RAL 9016		

JS ALUMINIUM WINDOW
Group Limited

Flat C, 1/F, Tai King Industrial Building,
No. 700 Prince Edward Road East,
San Po Kong, Hong Kong

E   info@js-window.com
T   3621 0138
F   3621 0338

www.js-window.com

ISO 9001 : 2015
Certificate No.: CC 6674