

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



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 12m ²	4mW x 6mH / Max. panel size 15m ²
Fixed glazing	3mW x 4mH / Max. panel size 12m ²	4mW x 6mH / Max. panel size 15m ²
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 - 75mm	0mm - 79mm
Thermal separation	In the frame and panel profile	In the frame and panel profile
Thermal insulation value	U _w up to 1.35W/m ² K *	U _w up to 0.76W/m ² K **
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 load up to	B4 (EN 12 210 / EN 1627)	B3 (EN 12 210 / EN 1627)
Motorisation	Electromechanical drive, automatic operation optional	Electromechanical drive, automatic operation optional
Fly protection	Up to 3m high	Up to 3m high

* Glass U_g = 1.1W / m²K

** 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 U_w 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.

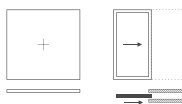


Details

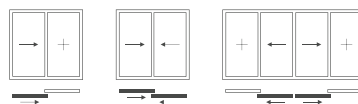
Sample configurations :

The range of combination options for zero 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.

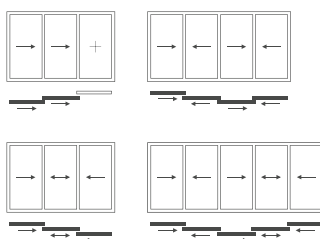
1-track



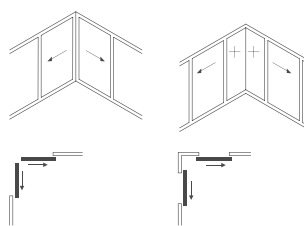
2-track



3-track

































Corner solutions



Special colours :

You can order your zero 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				

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