



CP 155 / CP 155-LS

Sophistication for quality and insulation



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TECHNICAL CHARACTERISTICS

Variants		CP 155 / CP 155-HI	CP 155-LS / CP 155-LS/HI	CP 155-LS/HI WITH MINERGIE LABEL
Visible width / height	Frame	52 mm	60 mm	60 mm
	Vent	102 mm	102 mm	102 mm
	T-profile	from 76 mm till 154 mm	from 76 mm till 154 mm	from 76 mm till 154 mm
	Meeting section	115 mm	115 mm	115 mm
	Threshold	60 mm	20 mm	69 mm
	Meeting section 4 doors	212 mm	212 mm	n/a
Overall system depth	Frame	155 mm / 242 mm (3-rail)	155 mm / 242 mm (3-rail)	192 mm
	Vent	68 mm	68 mm	68 mm / 105 mm
Maximal Element height		3000 mm	3000 mm	3000 mm
Maximal vent weight sliding vent		250 Kg	400 Kg	400 Kg
Maximal vent weight fixed vent		1500 Kg	1500 Kg	1500 Kg
Rebate height		25 mm	25 mm	25 mm
Glass thickness		up to 52 mm	up to 52 mm	up to 61 mm
Glazing method		dry glazing with EPDM or neutral silicones	dry glazing with EPDM or neutral silicones	dry glazing with EPDM or neutral silicones
Thermal insulation		32 mm and 23 mm fibreglass reinforced polyamide strips with 3 chambers	32 mm and 23 mm fibreglass reinforced polyamide strips with 3 chambers	41 mm and 23 mm fibreglass reinforced polyamide strips with 5 chambers
HI variant		extra insulation gaskets	extra insulation gaskets	standard available



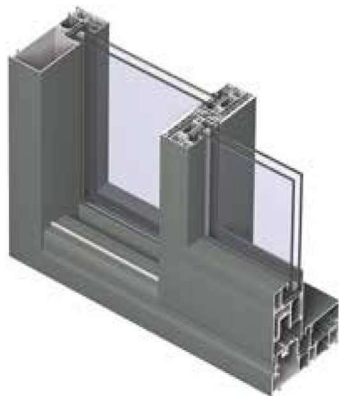
CP 155-LS/HI 3-rail



CP 155-LS/HI low threshold



CP 155-LS zero threshold



SLIM CHICANE

The CP 155(-LS) Slim Chicane introduces a sliding window with a meeting section of only 50 mm visual width, transforming the CP 155(-LS) into a modern design and making it an elegant system, perfectly suited to meet today's trends. The Slim Chicane is applicable to both the slide and lift-slide options in 2-rail and monorail options (inside and outside glazed).



CP 155-LS/HI with Minergie label

MINERGIE®

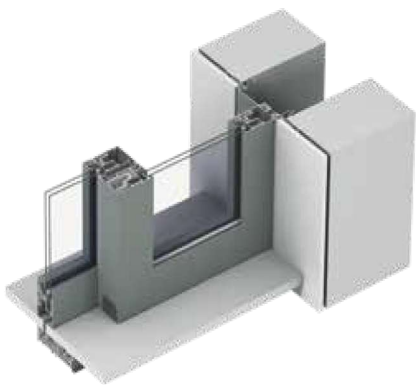
Minergie is a sustainability label for new and refurbished buildings, with a focus on a high level of comfort in the building. To obtain this comfort level, the Minergie standards require high-grade, air-tight building envelopes and the continuous renewal of air in the building using an energy-efficient ventilation system. This Swiss Minergie standard is widely accepted and is referred to as a quality label.



LOW THRESHOLD - ZERO THRESHOLD

Our low and zero threshold solution literally lower the boundaries between inside and outside. A flush threshold gives a very aesthetically pleasing result when the doors are open, as there are no borders to be seen. As an added bonus, this solution significantly improves the accessibility to your building for everyone, especially for people with reduced mobility.

For this solution the bottom profiles are hidden in the floor, and still provide sufficient drainage to prevent water from entering your home.

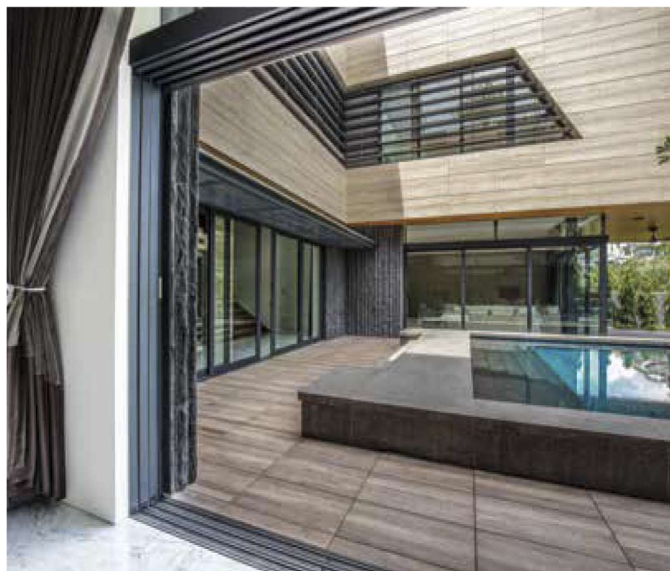
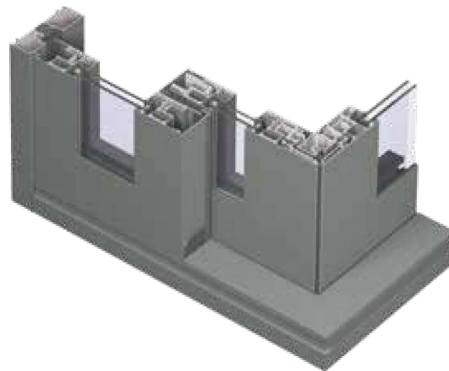


THE POCKET OPTION

The modular pocket solution provides for up to eight vents to be slid into your wall, thereby creating a maximal open space without visible elements when the vents are open. Optimal flush aesthetics in the open position can be realized by applying the same finish on the cover profile and the wall. The pocket solution is available for the lift & slide systems in duo rail, 3-rail, or up to 8-rail (multi-rail) compositions.

CP 155-LS CORNER

A corner solution makes it possible to open up spaces without any fixed corner element. This innovation is an answer to the current architectural need for large glass surfaces with high insulation values. The corner solution creates a perfect opportunity to invite nature into your home, removing the indoor and outdoor boundaries.



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PERFORMANCES

ENERGY												
	Thermal Insulation ⁽¹⁾ EN ISO 10077-2	Uf-value up to 1.07 W/m ² K (*), depending on the frame/vent combination.										
COMFORT												
	Acoustic performance ⁽²⁾ EN ISO 140-3; EN ISO 717-1	Rw (C; Ctr) = 35 (-2;-5) dB / 42 (-1;-3) dB, depending on glazing type										
	Air tightness, max. test pressure ⁽³⁾ EN 12207	1 (150 Pa)		2 (300 Pa)		3 (600 Pa)			4 (600 Pa)			
	Water tightness ⁽⁴⁾ EN 12208	1A	2A	3A	4A	5A	6A	7A	8A (450 Pa)	9A (600 Pa)	E900 (900 Pa)	
	Wind load resistance, max. test pressure ⁽⁵⁾ EN 12211; EN 12210	1 (400 Pa)		2 (800 Pa)		3 (1200 Pa)		4 (1600 Pa)		5 (2000 Pa)		Exxx (> 2000 Pa)
	Wind load resistance to frontal deflection EN 12211; EN 12210	A (≤ 1/150)			B (≤ 1/200)			C (≤ 1/300)				
SAFETY												
	Burglar resistance ⁽⁶⁾ ENV 1627 - ENV 1630	RC 1			RC 2				RC 3			

This table shows classes and values of performances, which can be achieved for specific configurations and opening types.

- (1) The Uf-value measures the heat flow. The lower the Uf-value, the better the thermal insulation of the frame.
- (2) The sound reduction index (Rw) measures the capacity of the sound reduction performance of the frame and glass.
- (3) The air tightness test measures the volume of air that would pass through a closed window at a certain air pressure.
- (4) The water tightness testing involves applying a uniform water spray at increasing air pressure until water penetrates the window.
- (5) The wind load resistance is a measure of the profile's structural strength and is tested by applying increasing levels of air pressure to simulate the wind force.
- (6) The burglar resistance is tested by static and dynamic loads, as well as by simulated attempts to break in using specified tools.
This variant requires specific burglar resistance accessories.

(*) Value for HI-variant with Minergie label

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