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ALUMINIUM GLAZING



CP 155



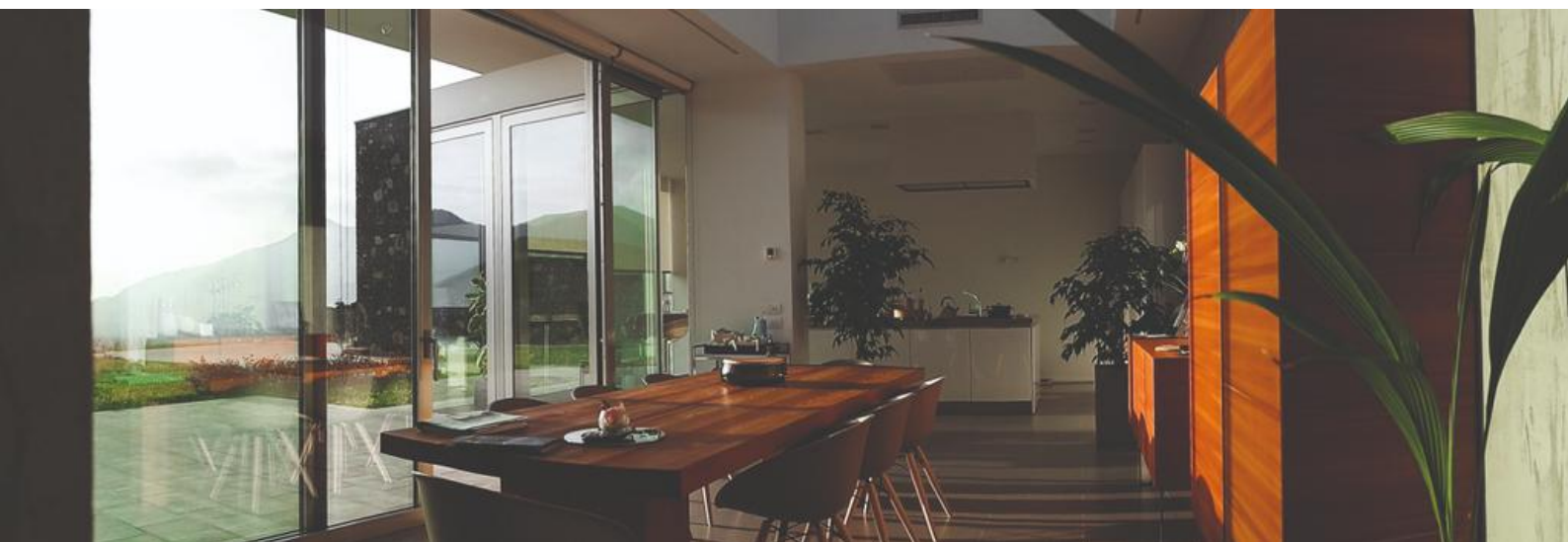
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The Reynaers CP 155 is a premium, high performing sliding patio door that has various opening options and is available in a slide, and Lift/Slide option, both with a high insulation (HI) upgrade available. Additionally, the CP155 sliding door is compatible with the CS 86 series.

Both CP 155 options enable the creation of maximum glazed areas that can accommodate extreme dimensions and weights of up to 400Kg. Glazing of this magnitude with a minimalistic visible meeting section of only 50mm, creates a luxurious feeling of space and light within a home. The durable wheels and stainless-steel rails provide optimal opening comfort, while the low threshold options and optional automation make for ease of use and building accessibility. In case of the lift & slide system, the sliding window will be lifted before sliding to serve smooth operation. In the closed position, the lift & slide window is put down and anchored, which is an extra plus for isolation and theft prevention.

The CP155 offers exception insulation making it suitable for low energy buildings, with both systems being highly wind and waterproof. The CP 155 complies with burglar resistance class 2, offering a safe and secure solution.







OPENING OPTIONS:

A Single track CP155 Patio Door combines a moving part with a fixed glazed element, anchored directly into the outer frame profile, creating a minimalistic look. The sliding panel can be positioned on the outside or inside. The fixed part on the outside can be very convenient when large fixed glass panes need to be installed at elevated height or when building construction does not allow inside glazing.

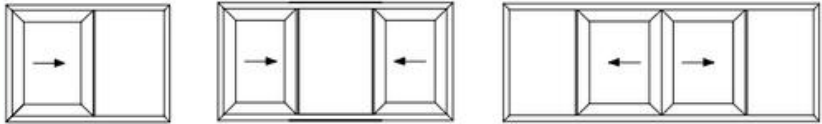
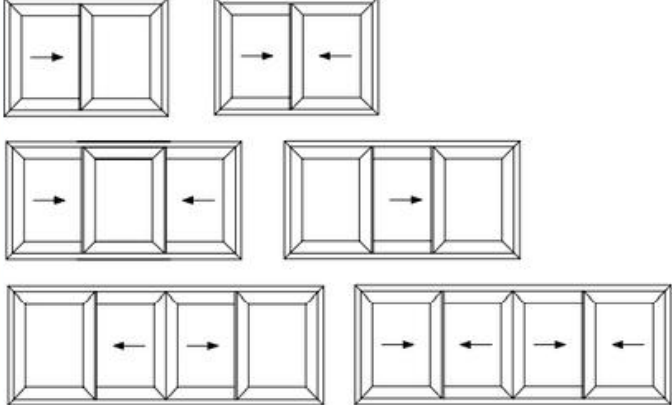
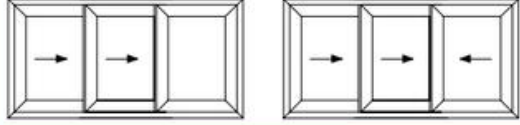
A 2 Track CP 155 Patio Door integrates 2 glazed opening vents, which have an identical look resulting in an aesthetic sliding window. Both these vents can be made as sliding element, giving all flexibility to the users.

A 3 Track CP 155 Patio Door integrates an extra rail in the outer frame allowing a third opening vent to be installed. This solution allows the user to open-up 2 sliding windows, creating an opening which is double in size.

Even more flexibility is obtained with the Reynaers CP 155's unique principle of a multi-track, available in the lift & slide variant. This multi-rail solution allows an expansion of elements up to eight rails, facilitating creative designs with exceptionally large openings.

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 a 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. This accessibility and comfort is further improved by the solutions for automatic opening.

SINGLE TRACK	CP 155 / CP 155-HI	CP 155-LS / CP 155-LS/HI
	X	X
2 - TRACK	CP 155 / CP 155-HI	CP 155-LS / CP 155-LS/HI
	X	X
3 - TRACK	CP 155 / CP 155-HI	CP 155-LS / CP 155-LS/HI
	X	X



CP 155-LS/HI 3-rail



CP 155-LS/HI low threshold



CP 155-LS zero threshold





SPECIAL SOLUTIONS with the Lift & Slide option:

GLASS CORNER A glass corner is a fixed glazed element without any visible corner profiles. This provides optimal daylight and a better view to the outside, and it also allows for seamless façades on the outside. The fixed glass corner can be applied on all CP 155-LS outside glazed monorails.

OPEN CORNER An open corner creates a perfect opportunity to open up a room, removing the indoor/outdoor boundary without any fixed corner elements. In combination with low or zero threshold solutions, this takes away all boundaries between the inside and outside. The CP 155-Lift & Slide corner solutions allow to open both in- and outward corners, without compromising the systems' known benefits of comfort and insulation. The open corner is applicable on CP 155-LS 2 track and outside glazed single track patios.

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 2 track, 3 track, or up to 8-track (multi-track) compositions.







AUTOMATION The CP 155 Lift & Slide has the option to be motorised.



TECHNICAL CHARACTERISTICS

Variants		CP 155 / CP 155-HI	CP 155-LS / CP 155-LS/HI
Visible width / height	Frame	52 mm	60 mm
	Vent	102 mm	102 mm
	T-profile	from 76 mm till 154 mm	from 76 mm till 154 mm
	Meeting section	115 mm	115 mm
	Threshold	60 mm	20 mm
	Meeting section 4 doors	212 mm	212 mm
Overall system depth	Frame	155 mm / 242 mm (3-rail)	155 mm / 242 mm (3-rail)
	Vent	68 mm	68 mm
Maximal Element height		3500 mm	3500 mm
Maximal vent weight sliding vent		250 Kg	400 Kg
Maximal vent weight fixed vent		1500 Kg	1500 Kg
Rebate height		25 mm	25 mm
Glass thickness		up to 52 mm	up to 52 mm
Glazing method		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
HI variant		extra insulation gaskets	extra insulation gaskets

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			





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