



ALCHEMY

EXPERTS IN SPECIALIST
ALUMINIUM GLAZING



CP 130



Get a bespoke quote from Alchemy
www.aaasl.uk/bespoke-quote/

Perfect for rooms with a view, the CP 130 highly insulated slide, and lift-slide aluminium patio door allows the construction of large, stable sliding windows and doors to create extra space and natural light with a home. The CP 130 meets the highest requirements in regards to insulation, stability and can comply with burglar resistance class 2 to offer a safe and secure solution.

The CP 130 supports vents up to the weight of 300Kg and provides a slimline meeting section to make the most of the large glass areas. Even with large glass sizes, operation remains flawless and easy to use with the durable wheels and stainless-steel rails. In the case of the Lift & slide system, the sliding window will be lifted before sliding across the track. In the closed position, the lift & slide window is put down and anchored, which is an extra plus for insulation and theft prevention. Both systems are wind, waterproof and hermetically sealed.

Compatible with the CS 77 series, the CP 130 has various opening options and is available with a low threshold option making it an excellent option for building accessibility. Additionally, the special corner solution makes it possible to open space without a fixed corner element, resulting in clear continuity between the indoor and outdoor. Provide a beautiful aesthetic with flexible living that really unlocks the use of these areas for modern day living.





OPENING OPTIONS

A Single Track combines a moving part with a fixed glazed element, anchored directly into the outer frame profile, creating a minimalistic look. As a standard, this solid part is at the inside of the sliding door. For specific situations however, a solution is offered for CP 130 to install the fixed part at the outside of the sliding window. This 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 integrates 2 glazed opening vents, which have an identical look resulting in an aesthetic sliding window. Both vents can be made as sliding element, giving all flexibility to the users.

A 3 Track 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 doubled in size.

Even more flexibility is obtained with the unique principle of a multi-track, available in the lift & slide variant. This multi-track solution allows an expansion of outer frames from two to up to eight tracks, facilitating creative designs with exceptionally large openings.

Single Track	CP 130	CP 130-LS
	X	X
	X	
2 Track		
	X	X
3 Track		
	X	X



THE POCKET OPTION The modular pocket solution provides for up to eight vents to be slid into your wall, thereby creating an open space without visible elements when the window is open. Optimal flush aesthetics in the open position can be realized by applying the same colour as the wall to the finishing profile. The pocket solution is available for the lift & slide systems in 2 Track, 3 Track, or up to 8 Track(multi-track) compositions.

CP 130-LS CORNER SOLUTION exclusively for the CP 130-LS 2 Track variant, 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 minimal visible elements. The corner solution creates a perfect opportunity to invite nature into your home, removing the indoor and outdoor boundaries.



Flush floor integration



CP 130 Monorail Outside glazing









CP 130-LS 3-rail Low threshold

TECHNICAL CHARACTERISTICS

Variants		CP 130 MONORAIL, DUO RAIL, 3-RAIL	CP 130-LS MONORAIL, DUO RAIL, 3-RAIL, MULTI-RAIL
Visible width / height	Frame / Threshold	50 mm / 28 mm	20 mm / 28 mm / 35 mm / 40mm
	Vent	94 mm	94 mm
	T-profile	from 76 mm till 154 mm	from 76 mm till 154 mm
	Meeting section	69 mm / 98 mm	69 mm / 98 mm
	Meeting section 4 doors	194 mm	194 mm
Overall system depth	Frame	Monorail : 130 mm Duo Rail : 110 mm / 130 mm / 139 mm 3-Rail : 181 mm / 210 mm	Monorail : 139 mm Duo Rail : 139 mm 3-Rail : 210 mm
	Vent	59 mm	59 mm
Maximal Element height		2700 mm	2700 mm
Maximal vent weight		300 kg	300 kg
Rebate height		25 mm	25 mm
Glass thickness		up to 43 mm	up to 43 mm
Glazing method		dry glazing with EPDM or neutral silicones	dry glazing with EPDM or neutral silicones
Thermal insulation		23 mm, 18.6 mm and 32 mm fibreglass reinforced polyamide strips	23 mm and 32 mm fibreglass reinforced polyamide strips
HI variant		extra insulation gaskets	extra insulation gaskets

PERFORMANCES

ENERGY												
	Thermal Insulation ⁽¹⁾ EN ISO 10077-2	Uf-value down to 2.35 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;-6) dB / 39 (-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 (0 Pa)	2A (50 Pa)	3A (100 Pa)	4A (150 Pa)	5A (200 Pa)	6A (250 Pa)	7A (300 Pa)	8A (450 Pa)	9A (600 Pa)	E750 (750 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⁾ EN(V) 1627 - 1630	RC 1			RC 2			RC 3				





Alchemy Architectural Aluminium Systems Limited

Unit 2, Bloxwich Lane Industrial Estate,
Bloxwich Lane,
Walsall
WS2 7BD

01922 634009

Visit our website:

<https://aaasl.uk>

Follow us on Social Media:

<https://www.facebook.com/Alchemy-Architectural-Aluminium-Systems-Limited-1030598400301815/>

https://twitter.com/Alchemy_AASL

https://www.instagram.com/alchemy_aasl/