



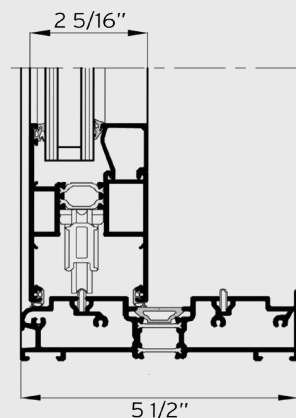
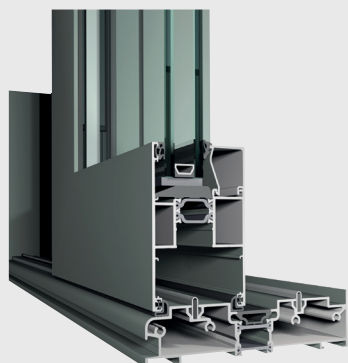
Architect: POM
Photo: Wenzel

CONCEPT PATIO 130 - LS

Aesthetic functionality



Reynaers
Aluminium



Concept Patio® 130 is a well insulated lift-slide system, which meets the highest requirements concerning insulation, stability, and safety. CP 130 is available with various opening possibilities. The low threshold option offers a solution to improve the building's accessibility. A special corner solution makes it possible to open up spaces without any fixed corner element, creating a perfect and clear continuity between the indoor and outdoor spaces. This makes CP 130 ideal for rooms with a view. This robust system allows the construction of large and stable sliding doors with a vent weight up to 661 lbs. It also offers an aesthetical slimline middle section.



EUROPEAN ALUMINIUM
Environmental Product Declaration



Architect: Plus
Photo: Murphy

Interior & Exterior Become One

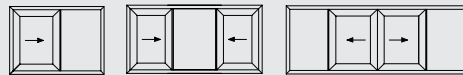
A sliding vent opens up a multitude of possibilities. Through a sliding door, the garden is incorporated into the interior of the house, fading the interior/exterior border. This creates an extra feeling of space and generates more natural light within the home.

CP 130 Lift & Slide

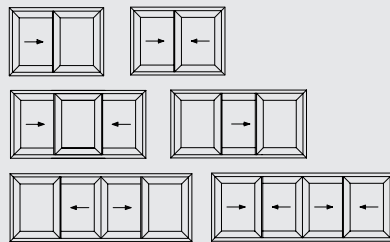
All types of CP 130 sliding vents use durable wheels and stainless steel rails for optimal opening comfort. In the case of a lift & slide system, the sliding door will be lifted up before sliding across this rail. In the closed position, the lift & slide door is put down and anchored, which helps insulation and theft prevention. This system is wind- and waterproof and hermetically sealed.

MONORAIL, DUO RAIL, 3-RAIL OR MULTI-RAIL

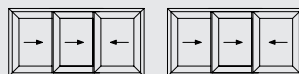
A **monorail** combines a moving part with a fixed glazed element, anchored directly into the outer frame profile, which creates a minimalistic look. As a standard, this solid part is at the inside of the sliding door. For specific situations, however, a solution is offered for CP 130 to install the fixed part at the outside of the sliding door. This can be very convenient when large fixed glass panes need to be installed at an elevated height or when building construction does not allow inside glazing.



A **duo rail** integrates 2 glazed opening vents that have an identical look resulting in an aesthetic sliding door. Both vents can be made as sliding elements, giving users all flexibility.



A **3-rail** integrates an extra rail in the outer frame allowing a third opening vent to be installed. This solution is very interesting because this allows the user to open-up 2 sliding windows, creating an opening which is doubled in size.



Additionally, even more flexibility can be obtained with the unique principle of a multi-rail, available in the lift & slide variant. This multi-rail solution allows an expansion of outer frames from 2 to up to 8 rails, facilitating creative designs with very large openings.



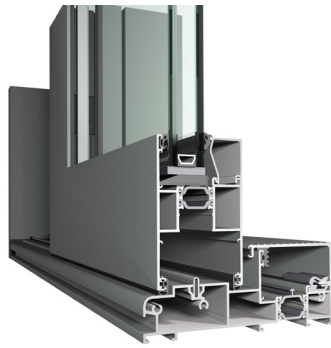
Architect: Conix
Photo: Gelooven



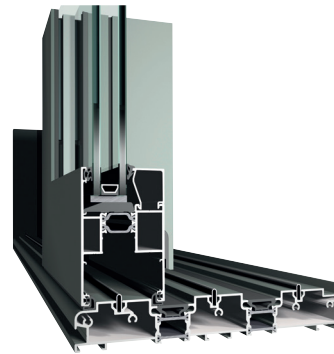
Architect: Woolstenorcraft
Fabricator: Fleetwood



neau



CP 130-LS Monorail Outside Glazing



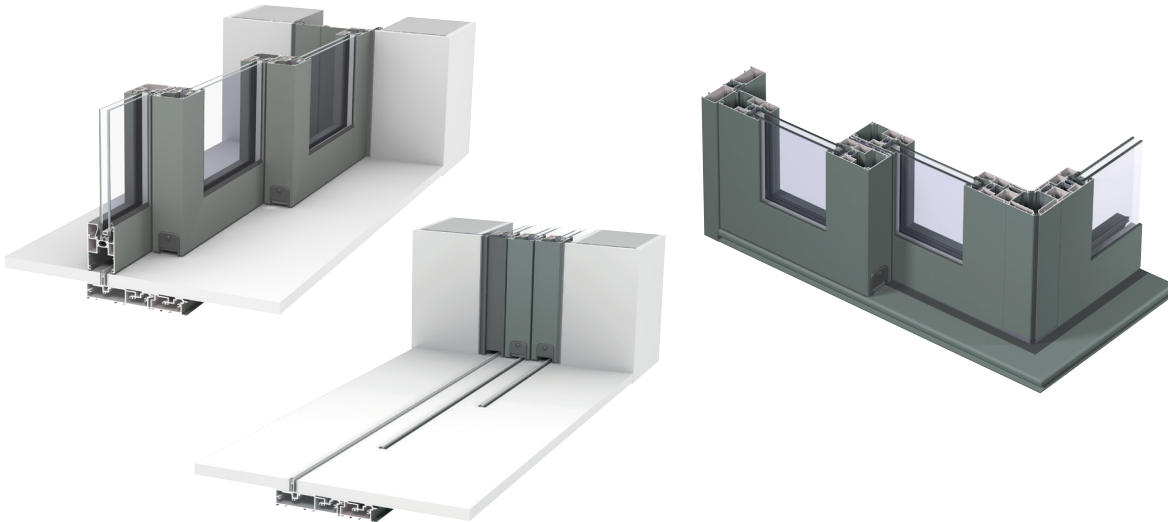
CP 130-LS 3-rail Low Threshold

THE POCKET OPTION

The modular pocket solution allows up to eight vents to be slid into your wall, thereby creating an open space without any visible elements when opened. Optimal flush aesthetics in the open position can be achieved by applying the same color of the wall to the finishing profile. The pocket solution is available for the lift & slide systems in duo rail, 3-rail, or up to 8-rail (multi-rail) compositions.






CP 130-LS CORNER

A newly-developed corner solution, exclusively for the CP 130-LS duo rail 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.



TECHNICAL CHARACTERISTICS					
Variants		MONORAIL	DUO RAIL	3-RAIL	MULTI-RAIL
Visible width / height	Frame Threshold	13/16"	1 1/8"	13/8"	19/16"
	Vent	3 11/16"			
	Meeting section	2 11/16"		3 7/8"	
	Meeting section 4 doors	7 5/8"			
Overall system depth	Frame	5 1/2"	5 1/2"	8 1/4"	-
	Vent	2 5/16"			
Maximal Element height		106 5/16"			
Maximal vent weight		661 lbs			
Rebate height		1"			
Glass thickness		up to 1 11/16"			

PERFORMANCE SPECIFICATIONS ⁽¹⁾

ENERGY			
 Thermal Insulation ⁽²⁾ (Btu/hr-ft ² -°F) per NFRC 102	Glazing	Double	Triple
	Uw	0.33	0.25
	SHGC	0.18	0.16
COMFORT			
 Acoustic performance ⁽³⁾ ASTM E90-09/1332	STC	37	
	OITC	33	
 Air tightness, max. test pressure ⁽⁴⁾ (cfm/ft ²)	0.04		
 Water tightness ⁽⁵⁾ (psf)	6		
 AAMA Rating AAMA/WDMA/CSA 101/IS.2/A440, NAFS	LC PG40		

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

- (1) All results based on gateway sizes; vary depending on glass/profile combinations | Above Uw & SHGC values do not necessarily work in combination.
- (2) Uw is the measure of heat transfer through the fenestration product with glass. The lower the Uw, the better the thermal insulation of the element.
- (3) The sound reduction index measures the capacity of the sound reduction performance of the frame and glass.
- (4) The air tightness test measures the volume of air that would pass through a closed window at a certain air pressure.
- (5) The water tightness testing involves applying a specified air pressure differential while simultaneously spraying water on to the exterior face of the assembly at the rate of 5 gal/hr/ft².

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TOGETHER FOR BETTER



AIA
Continuing
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Provider



Architect: Faulkner
 Photo: Fletcher