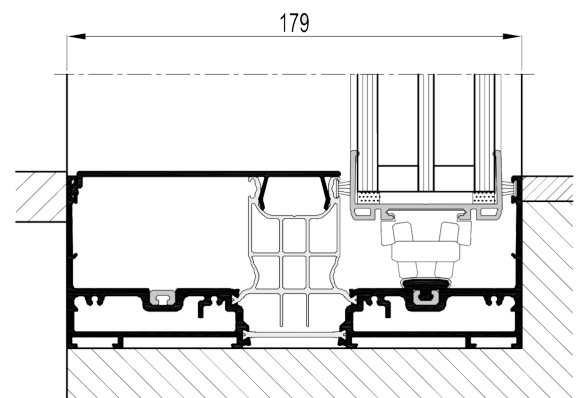
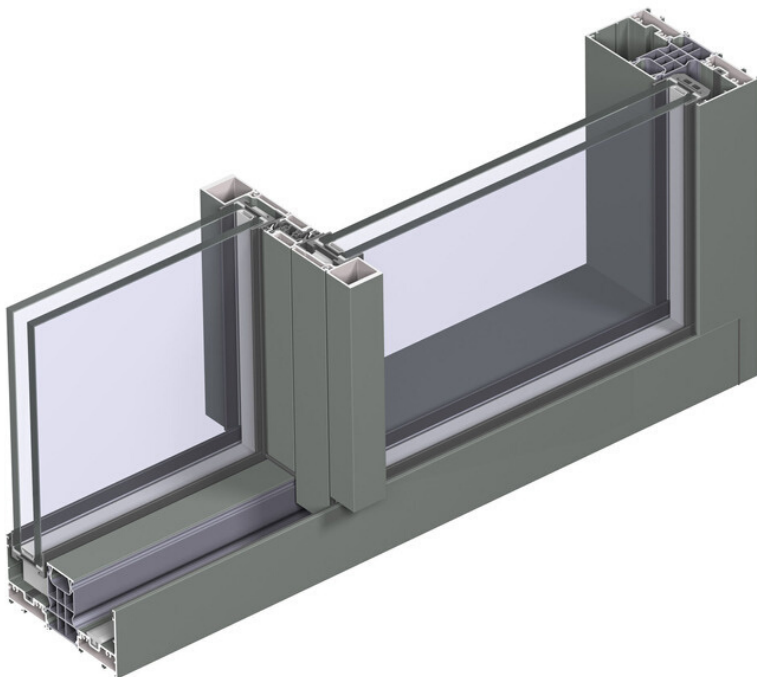


# MINIMAL HI FINITY

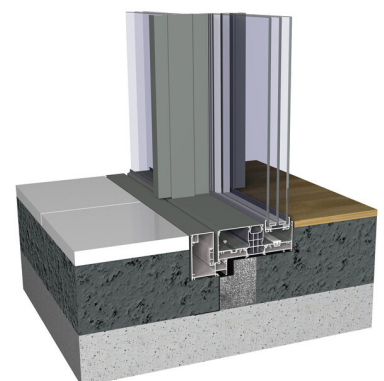


The ultra-slim design of the Hi-Finity sliding door creates large transparent surfaces, with a light, sleek and elegant appearance. This fully transparent and accessible sliding door, extending from floor to ceiling and reaching across the entire length of the façade, seamlessly connects the house's interior with the outside.

## ENJOY THE INFINITE VIEW

The opening corner solution of Hi-Finity creates an even greater sense of openness and transparency. Despite the minimal visual sidelines, the system's high strength allows Hi-Finity to carry the weight of a large fixed glass pane up to 1200 kilograms, a manual vent up to 300 kg and motorized vents up to 750 kg.

This in combination with the high energy performance and the minimalistic look makes this product the best solution for low-energy contemporary architecture!



## TECHNICAL CHARACTERISTICS

Variants		DOUBLE GLAZING	TRIPLE GLAZING
Height	Build-in frame	68 mm / 100 mm	
Visible width / height	Vent	8 mm / 10 mm	
	Meeting section	35 mm	
	Meeting section 4 doors	67 mm / 69 mm	
Overall system depth	Frame	Duo Rail : 147 mm 3-Rail : 234 mm	Duo Rail : 179 mm 3-Rail : 282 mm
	Vent	44 mm	60 mm
Maximal element height		3500 mm	
Maximal weight	Manual vent	300 kg	
	Motorized vent	750 kg	
	Fixed glass pane	1200 kg	
Glass thickness		36-38 mm	36-38 mm
Glazing method		Structural glazing	
Thermal insulation		41 and 50 mm fibreglass reinforced polyamide strips	

## PERFORMANCES

ENERGY										
Thermal Insulation (1) EN ISO 10077-2	Uf-value down to 1.4 W/m <sup>2</sup> K, depending on the frame/vent combination.									
COMFORT										
Air tightness, max. test pressure (2) EN 1026; EN 12207	1 (150 Pa)		2 (300 Pa)		3 (600 Pa)		4 (600 Pa)			
Water tightness (3) EN 1027; 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)	E900 (900 Pa)
Wind load resistance, max. test pressure (4) 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 (5) EN 1628-EN 1630; EN 1627	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 air tightness test measures the volume of air that would pass through a closed window at a certain air pressure.

(3) The water tightness testing involves applying a uniform water spray at increasing air pressure until water penetrates the window.

(4) 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.

(5) The burglar resistance is tested by static and dynamic loads, as well as by simulated attempts to break in using specified tools.



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