

Hi-Finity

Sliding system

Infinite views - Ultimate performances



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ADVANTAGES

ULTIMATE DESIGN FREEDOM

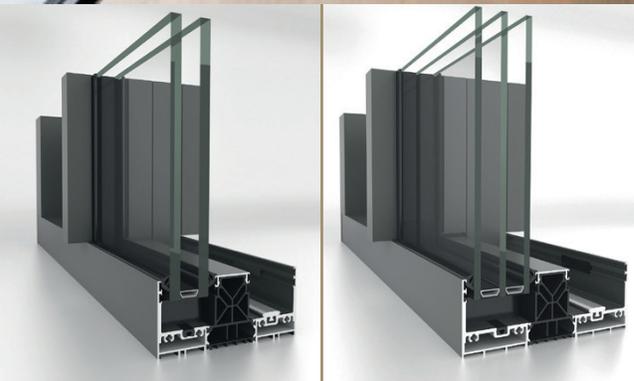
Available in a wide variety of configurations with open or glass corners, large and connected glass panels, motorized sashes, pockets and alternative threshold solutions, Hi-Finity can wrap itself around any building. For the most challenging requests, you can rely on our project department to design and deliver a bespoke solution, tailored to your needs.

ULTIMATE LUXURY

The excellent performances allow the system to be comfortably implemented in all projects: from a residential suburban home to a high-rise hotel near the seaside.

ULTIMATE SOLUTION

All of this, in combination with the high energy performance and the minimalistic look, makes this product the go-to solution for low-energy contemporary architecture.





HI-END PERFORMANCES

Hi-Finity is not only an elegant architectural product, it has the performances to back up the ambitions of being a full-fledged sliding system, capable of being used anywhere, even in challenging environments.

INFINITE VIEWS

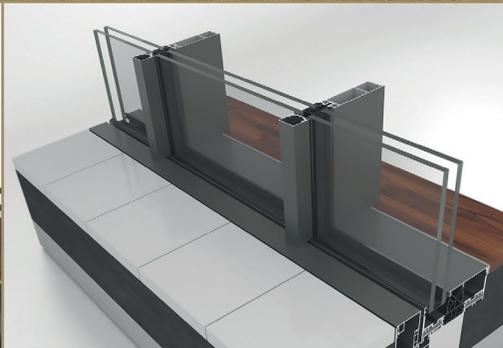
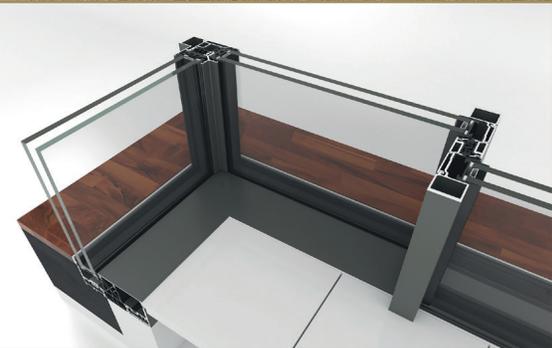
By integrating the aluminum profiles into the walls, the glass surfaces are extending from floor to ceiling, creating the ultimate minimalistic appearance, giving you a view without boundaries. The FLOOR FINISH solution lets the threshold disappear below the flooring.

EXPERTISE

Hi-Finity's field of application is very broad, from residential homes to large high-rise towers. Years of experience in the industry have increased our project know-how and resulted in significant upgrades to the system, improving the experience for everyone involved, from architects to home owners.

MAXIMUM COMFORT

Linking multiple sliders to each other and a domotics system is easy with our thoroughly tested plug-and-play motor design. It enables the use of large, heavy sashes, with guaranteed optimum convenience during use. These large glass areas maximize the incoming light through the facade, creating a comfortable and spacious feeling inside.



OPEN CORNER

A creative corner solution makes it possible to open up spaces without any fixed corner element. When the sliding door is open, the corner is entirely free, offering a unique solution where access to the exterior adds particular value, expanding the living area, e.g. residential homes, penthouses, holiday homes and hotels.

WALL

On top of all the other available design choices, multiple standard glass panels can be linked together with 35mm slim vertical profiles. This feature turns the Hi-Finity system into a glass facade with sliding features, rather than a standalone sliding system.

ZERO THRESHOLD

Hi-Finity is always a zero threshold solution, but we also offer 2 alternatives: PROFILE FINISH, lets you cover the track area, so the floor level remains the same everywhere, which is especially useful with multitrack solutions. FLOOR FINISH, lets you completely erase the system boundaries, by continuing the flooring on top of the system. When the door is opened, the bottom profile 'disappears'.

TECHNICAL SPECIFICATIONS

HI-FINITY	
Minimum visible width t-profile	35 mm (1 3/8")
Visible width meeting section	35 mm (1 3/8")
Maximum height vent	3987,8 mm (157 1/2")
Maximum width vent	3500,4 mm (137 13/16")
Maximum system weight	2640 lbs (1197,5 kg)
Overall system depth frame	147,6 mm (5 13/16")
Overall system depth vent	25,4 mm (1")
Visible height meeting section 4 doors	66,7 mm (2 5/8")
Maximum glass thickness	50,8 mm (2 1/8")
Glazing method	Dry glazing with EPDM or neutral silicones
Thermal break	Fiberglass reinforced polyamide strips

PERFORMANCES

COMFORT	
 Air tightness, maximum test pressure ¹	0,07 (cfm/ft ²)
 Water tightness maximum ²	12 (psf)
 Acoustical performances ³	45 STC and 37 OITC
ENERGY	
 Thermal insulation	0,28 Uw (double glazing), 0,20 Uw (triple glazing), 0,21 SHGC (double glazing), 0,20 SHGC (triple glazing)

1) The air tightness test measures the volume of air that would pass through a closed window at a certain air pressure.

2) The water tightness test involves applying a uniform water spray at increasing air pressure until water penetrates the window.

3) The sound reduction index measures the capacity of the sound reduction performance of the frame and glass.