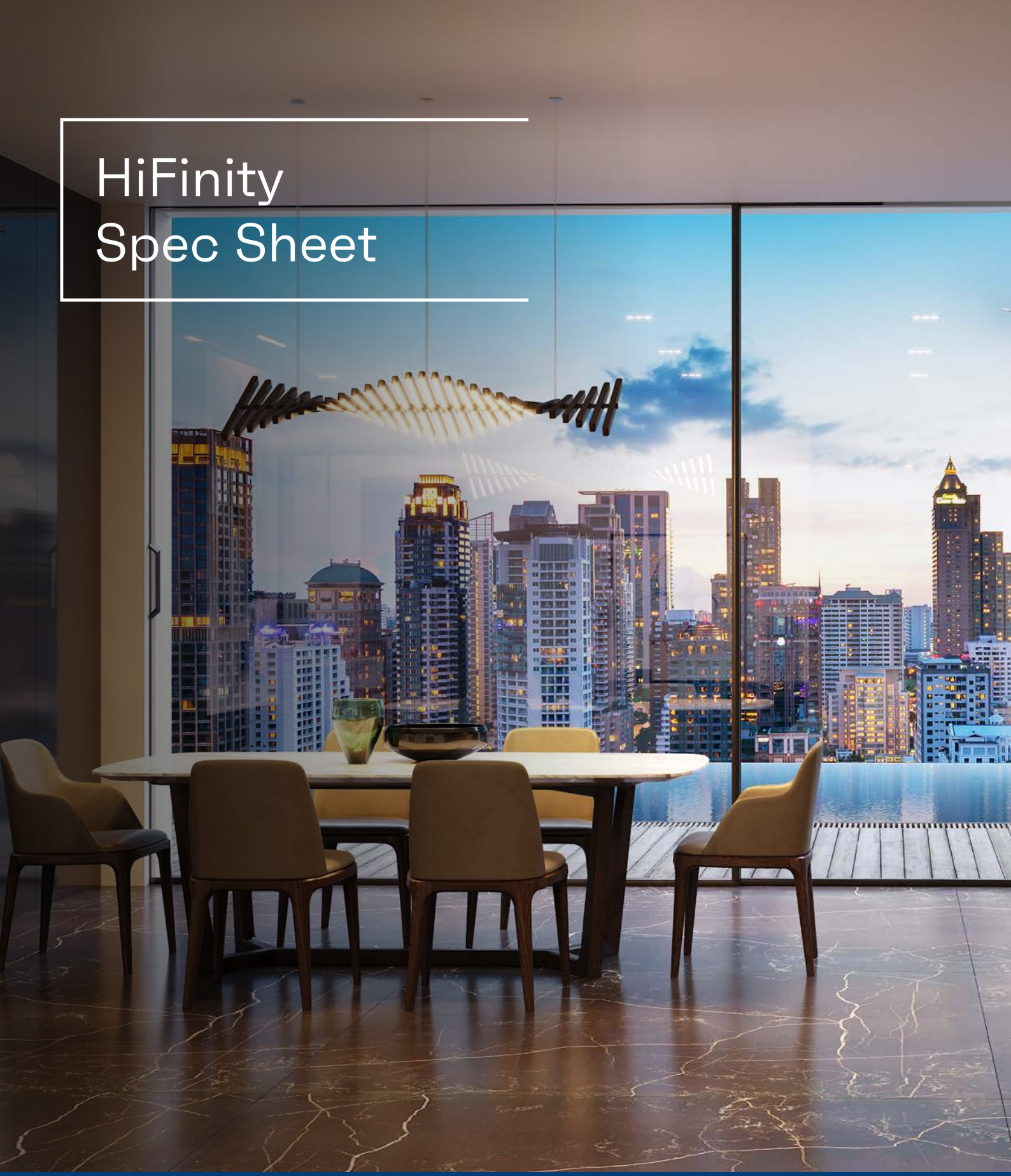
HiFinity
Spec Sheet



Reynaers Aluminium

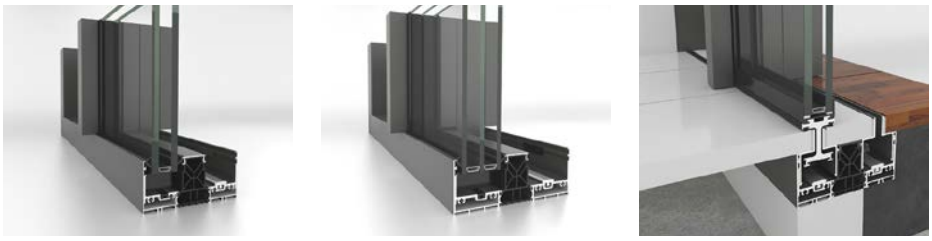
Together for better

www.reynaers.co.uk

Value Proposition

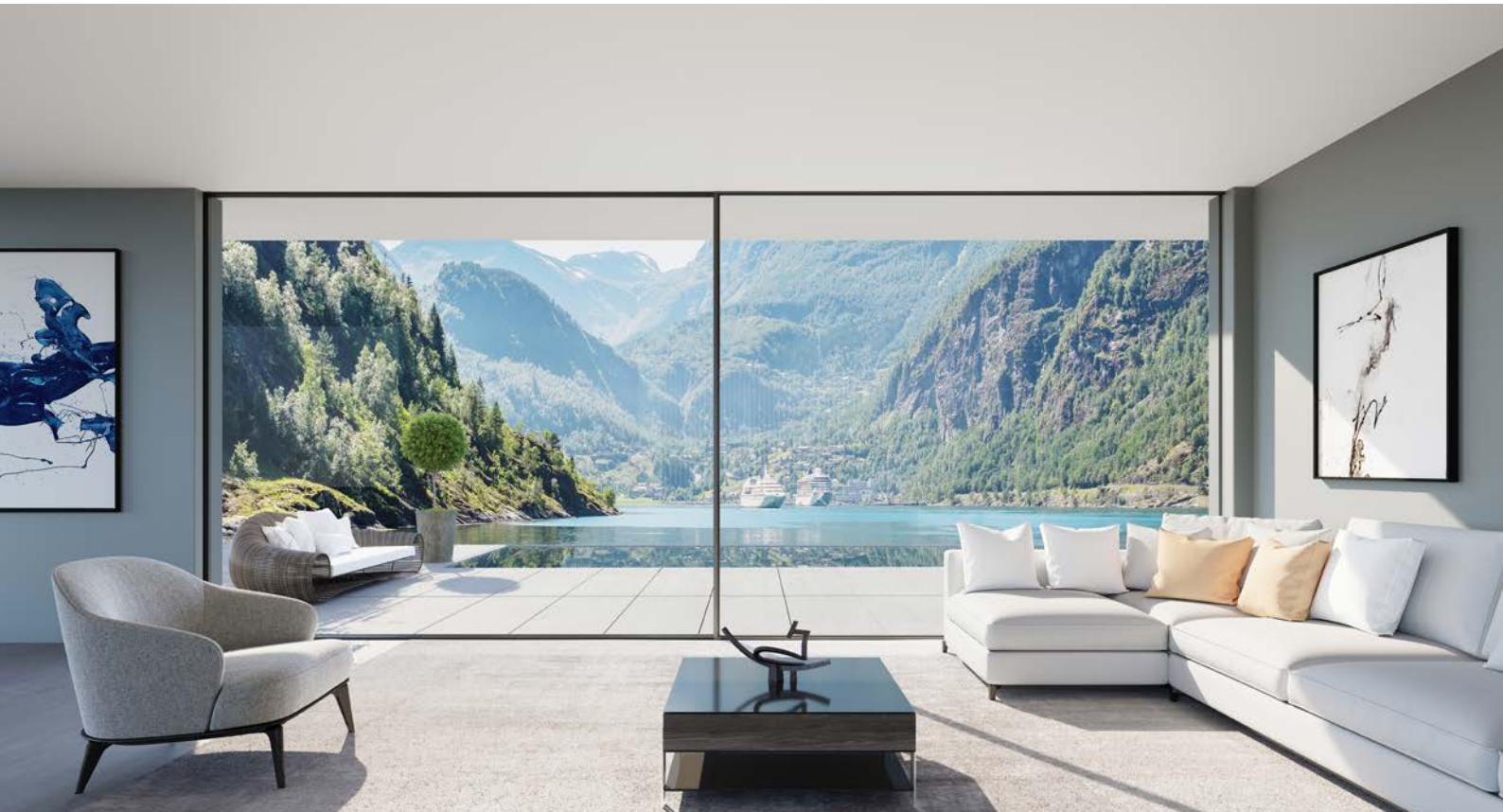
Ultimate Design Freedom
Available in a wide variety of configurations with open or glass corners, large and connected glass panels, motorised sashes, pockets and alternative threshold solutions, Hi-Finity can wrap itself around any building.

And 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
Designed to be invisible when you want it to be, but a closer look will reveal the high attention to detail. The excellent performances allow the system to be implemented equally comfortable in a residential suburban home as in a high-rise hotel near the seaside.

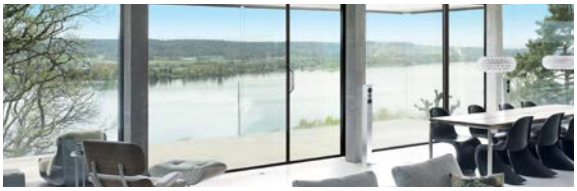
Ultimate Solution
All of this, in combination with the high energy performance and the minimalistic look, makes this product the go-to solution for low-energy contemporary architecture.



Product Information – Window

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	
	Wall	35 mm	
Overall system depth	Frame	Duo Rail : 148 mm 3-Rail : 236.5 mm	Duo Rail : 180 mm 3-Rail : 284.5 mm
	Vent	44 mm	60 mm
Maximal element height		4000 mm	
Maximal weight	Manual vent	300 kg	
	Motorized vent	750 kg	
	Fixed glass pane	1200 kg	
Glass thickness		36.5-38.5 mm	52.5-54.5 mm
Glazing method		Structural glazing (sliding) + Standard glazing (fixed)	
Thermal insulation		52 mm fibreglass reinforced polyamide strips	



Performances

Energy											
	Thermal Insulation[1] EN ISO 10077-2	Uf-value down to 1.4 W/m²K, 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)	E750 (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[6]			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, 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.

(6) Only for motorized.

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