



Redefining technology in glazing performance.



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More eco-friendly than triple glazing

- By switching from standard triple glazing to CUIN's innovative technology you can reduce the CO2 emitted in the manufacturing process by 8kg for every square metre of glazing.
- As CUIN is thinner and lighter than traditional triple glazing you reduce CO2 emissions on transport from manufacturing to delivery onsite.
- Highly thermally efficient, lowering demands on HVAC will provide a primary reduction in CO2 emissions.
- Fully recyclable.

Lighter than triple glazing

- Lighter IGU's on a façade will reduce loads on supporting building elements.
- CUIN technology allows standard frames and hardware for double glazing to be utilised.

Superior performance to triple glazing

- CUIN achieves the lowest U-values available today.
- Outstanding thermal insulation lowers energy bills.
- Improved comfort in the home and workplace reducing cold spots and draughts.
- Improved sound reduction.





Ug0.4
W/m²K



Ug0.2
W/m²K

Product Features

- More eco-friendly than triple glazing.
- The most thermally efficient glazing available on the market.
- Lower energy bills.
- Low carbon footprint.
- Lighter than triple glazing.
- Up to 33% less glass than triple glazing.
- Up to 36% thinner than triple glazing.
- Superior performance to triple glazing.

Product	Cavity Width (mm)	IGU Thickness* (mm)	Number of Glass Panes	Weight* (kg/m ²)	U-value EN 673 (W/m ² K)
Ultra	24	32	2	20	0.4
Passiv	36	44	2	20	0.5
Eco	28	36	2	20	0.6
Vision Wall	42	54	3	30	0.2

*Based on 4mm glass

Product*		Light Transmission (%)	Light Reflection (%)	Solar Factor (g) EN 410 (%)
Ultra Passiv Eco	Low e	70	19	50
	Solar 65	65	19	37
	Solar 60	60	19	32
	Solar 45	45	17	26
Vision Wall		49	24	22

Recent Projects



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