

OUR NEW VACUUM INSULATED GLAZING IS A REAL WORK OF ART



ENERGLAZE

HOME ENERGY UPGRADES



Fineo combines best in class performance with appealing aesthetics. Its slim profile means it can integrate seamlessly into existing frames or into new windows and curtain walls.

Unlike previous vacuum glazing technologies, this unique product has no evacuation port to obstruct the view and has very thin edge seals, ensuring maximum vision area.

AGC delivers the most advanced vacuum insulating glazing technology yet, optimising indoor comfort by outperforming conventional insulating glazing. Unlike current double and triple glazing, Fineo does not use inert gases, such as argon or krypton.

Fineo units combine Panasonic's expertise in display-related technology with AGC's know-how in glass processing to produce glazing units with thermal and acoustic insulation properties as good as or even better than triple glazing.

Fineo provides a U-Value of just 0.7 (8 times better than single glazing) in an ultra-slim profile.

Compared to single glazing, Fineo provides a reduction in noise levels - representing a perceived volume reduction of 34%.

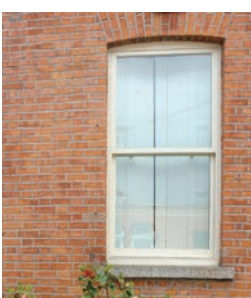
Energlaze offers a market leading guarantee of 15 years against unit failure.



FINEO
by AGC

This revolutionary double-glazed unit keeps older properties warmer and quieter, whilst maintaining the original aesthetic of your home.

Fineo can be retrofitted into any timber framed window, transforming them with unencumbered views as there is no visible vacuum cap.



THE BENEFITS OF
FiNEO
by AGC



12%.5

more efficient
than triple glazing

8x

more efficient
than single glazing



Ultra-thin
at just 6.7mm



Reduces your
carbon footprint



Suitable for
retrofitting



34% perceived
noise reduction



50% lighter than
triple glazing



No visible
vacuum cap



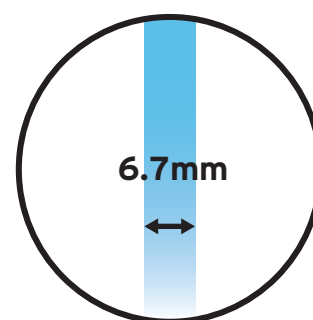
15 Year
guarantee

How Does New FINEO Vacuum Insulated Glazing Compare To Some Traditional Glazing?

	Single Glazing	Double-Glazing	Triple Glazing	FINEO
Thickness	4mm	28mm	36mm	6.7mm
U-Value (W/m ² K)	5.8	1.2	0.8	0.7
Light Transmission	90	80	71	81
Sound Reduction Rw (C;Ctr) dB	29 (-2; -3)	31 (-2; -5)	32 (-1; -5)	35 (-2;-5)
Solar G-Value	0.87	0.71	0.61	0.68

Summary:

- › 8 Times more efficient than single glazing and 12.5% more efficient than a 36mm triple-glazed unit.
- › Slightly better light transmission than double-glazing and better light transmission than triple glazing.
- › 34% perceived noise reduction compared to single glazing and 18% better than double and triple glazing.
- › Better solar gain when compared to triple glazing and just slightly less effective than double glazing.
- › Manufactured in Belgium. Available in Ireland through Energlaze in 4-6 weeks.



ACTUAL THICKNESS OF FINEO