

# 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%.

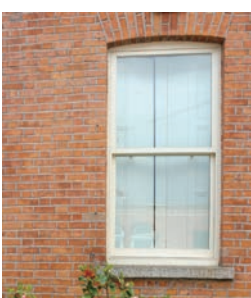
Energlaze offers a market leading guarantee of 15 years against unit failure.



**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**

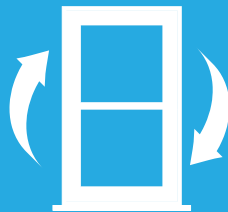
more efficient  
than single glazing



Ultra-thin  
at just 6.1mm



Reduces your  
carbon footprint



Suitable for  
retrofitting



34% perceived  
noise reduction



50% lighter than  
triple glazing



No visible  
vacuum cap



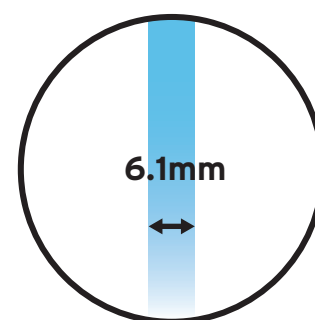
15 Year  
guarantee

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

	Single Glazing	Double-Glazing	Triple Glazing	FINEO
Thickness	4mm	28mm	36mm	6.1mm
U-Value (W/m <sup>2</sup> 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**