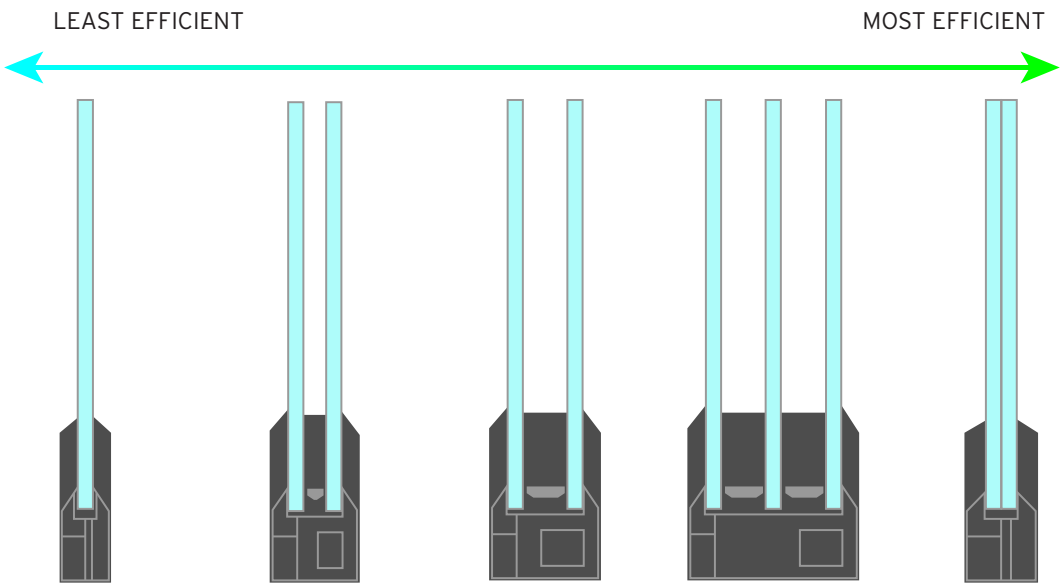




FiNEO
by AGC

New ultra thin FINEO
improves the comfort of
period homes.

Compare Fineo With Traditional Glazing



	Single Glazing	Slim Double Glazing	Double-Glazing	Triple Glazing	FINEO
Thickness	4mm	11mm	28mm	36mm	6.7mm
U-Value (W/m²K)	5.8	1.9	1.2	0.8	0.7
Light Transmission	90	80	80	71	80
Sound Reduction Rw (C;Ctr) dB	29 (-2; -3)	31 (-2; -5)	31 (-2; -5)	32 (-1; -5)	35 (-2;-5)

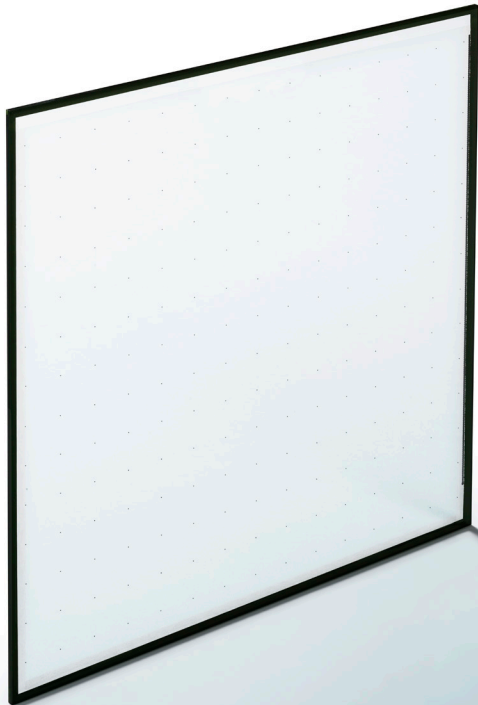
Summary:

- 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.

What’s so special about it?

What does this mean for you?

SLIM, AESTHETICAL DESIGN	<ul style="list-style-type: none">■ a ‘light’ appearance similar as monolithic glass■ no vacuum evacuation port■ suitable for retrofitting(*) of existing windows
OUTSTANDING THERMAL INSULATION	<ul style="list-style-type: none">■ U-value of 0.7 W/(m .K)■ regardless of inclination (i.e. sloped or roof glazing)
DURABLE INVESTMENT	<ul style="list-style-type: none">■ designed performance for several decades
MORE NATURAL DAYLIGHT	<ul style="list-style-type: none">■ delivering increased indoor light comfort
HARNESSING MORE FREE SOLAR ENERGY	<ul style="list-style-type: none">■ lower energy consumption■ lower emissions
INCREASED ACOUSTIC ATTENUATION PERFORMANCE	<ul style="list-style-type: none">■ offer increased acoustic indoor comfort■ performance in the lower frequency spectrum for traffic noise
LEAD FREE AND RECYCLEABLE	<ul style="list-style-type: none">■ 100% recycleable■ embraces the circular economy




(*) retrofitting: replace the existing glass with a Fineo glazing, fully preserving the initial window frame provided the window frame is in a properly functioning state.


Ultimate slim design for maximum indoor comfort

FINEO
by AGC

Light and energy performance (1)

	Tot. Thickness [mm]	EN 410				EN 673
		LT (%)	LR ext (%)	LR int (%)	g [-]	Ug W/(m².K)
Fineo 6	6,7	80	14	14	0,62	0.7
Fineo 8	7,7	79	14	14	0,61	
Fineo 10	9,7	79	14	14	0,60	
Fineo 12	11,7	78	14	14	0,60	

Acoustic attenuation performance (2)

	EN ISO 10140	
	Rw [C ; Ctr] [dB]	Rw + Ctr [dB]
Fineo 8	35 (-2;-5)	30
Fineo 10	36 (-2;-3)	33
Fineo 12	36 (-1;-2)	34



Dimensions	Maximum	1.5m x 2.5m or 1.6m x 2.4m
	Minimum	0.2m x 0.2m
Shape	Standard	Square or rectangle
	Shapes	2020
Laminated safety glazing	Available	
	Option: patterned or monumental glass	

(1) These data are calculated using spectral measurements compliant with standards EN 410 and ISO 9050 (1990). The U-value is calculated according to standard EN 673 and measured conform EN 674. Emissivity is measured as per standards EN 673 (Annex A) and EN 12898.

(2) These sound reduction indexes correspond to a Fineo sample measuring 1.23m x 1.48m as per EN ISO 10140-3. The testing is carried out under laboratory conditions. In-situ performance may vary depending on the actual glazing dimensions, frame system, noise sources, etc.


ENERGLAZE

Compare Fineo With Other Slim Double-Glazing

	Overall Thickness	Glass Thickness	Cavity	Gas	U-Value	Guarantee	FINEO
FINEO Vacuum Glazing	6.7mm	3mm	0.1mm	NONE	0.7	15 Yrs	Efficiency Improvement
Other Slim Double-Glazing	11mm	3mm	4mm	Krypton	1.9	5 Yrs	63%
	12mm	4mm	4mm	Krypton	1.9	5 Yrs	63%
	13mm	4 mm	5mm	Krypton	1.7	5 Yrs	59%
	14mm	4mm	6mm	Kyrpton	1.5	5 Yrs	53%
	16mm	4mm	8mm	Krypton	1.3	5 Yrs	46%



Fineo keeps older properties warmer and quieter, whilst maintaining the original aesthetic of the period property.

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

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