

FINEO is much more than glass technology: it is pure comfort. This groundbreaking vacuum insulating glass not only delivers amazing energy performance, it also combines exceptional thermal insulation with unprecedent durability.

This thin vacuum insulating glass is elegant and sleek.

FINEO insulates as effectively as triple glazing but is lighter and thinner, meaning it can be installed into existing window frames. This often makes FINEO the most economical solution for renovation and restoration projects.

FINEO is a sustainable investment as it is 100% recyclable. It also has a long life expectancy without any loss of performance.



What's so special about it?	What does it mean for you?
Slim, sleek and aesthetical design	 An appearance similar to monolithic glass No vacuum evacuation port 20 mm grid micro-pillars⁽¹⁾ Suitable for retrofitting(*) into existing windows
Outstanding thermal insulation	U-value = 0,7 W/(m2.K)Regardless of the inclination (e.g. sloped or roof glazing)
Sustainable investment	 Designed to perform for several decades
More natural daylight	Slim design providing more light comfort inside
Harnessing more free solar energy	Lower energy consumptionLower emissions
Better noise reduction	Increased soundproofingReduced traffic noise
Lead-free and recyclable	100% RecyclableCircular sustainability

^(*) retrofitting: replace the existing glass with a FINEO glazing, fully preserving the initial window frame (provided the frame is in good condition).

LESS IS MORE

LIGHT AND ENERGY PERFORMANCE(2)

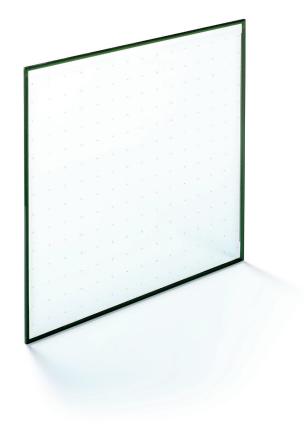
FINEO	Total tickness [mm]	EN 410				EN 673
by AGC		LT [%]	LR ext [%]	LR int [%]	g [-]	Ug [W/ (m².K)]
FINEO 6	6.7	80	14	14	0.62	
FINEO 8	7.7	79	14	14	0.61	0.7
FINEO 10	9.7	79	14	14	0.60	0.7
FINEO 12	11.7	78	14	14	0.60	

ACOUSTIC PERFORMANCE (3)

FINEO by AGC	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		

PRODUCTION FEASIBILITY

Dimensions	Maximum ⁽⁴⁾	1.4m x 2.5m or 1.6m x 2.3m	
	Minimum	0.2m x 0.2m	
Shapes	Available in an important number of shapes		
Laminated safety glass	Available		
	Option: patterned or monumental glass		



Missing or misplaced micro-pillars can occur. These misplaced or missing micro-pillars do not jeopardize the aesthetics (under normal obser $vation\ conditions),\ the\ function,\ the\ performances\ nor\ the\ mechanical\ integrity\ over\ time\ of\ FINEO.$



These data are calculated using spectral measurements compliant with standards EN 410 and ISO 9050 (1990). The Uglass-value is calculated according to standard EN 673. 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 \times 1.48m \ as per EN ISO 10140-3. The testing is carried out under the sample of the sample measuring 1.23m \times 1.48m \ as per EN ISO 10140-3. The testing is carried out under the sample measuring 1.23m \times 1.48m \ as per EN ISO 10140-3. The testing is carried out under the sample measuring 1.23m \times 1.48m \ as per EN ISO 10140-3. The testing is carried out under the sample measuring 1.23m \times 1.48m \ as per EN ISO 10140-3. The testing is carried out under the sample measuring 1.23m \times 1.48m \ as per EN ISO 10140-3. The testing is carried out under the sample measuring 1.23m \times 1.48m \ as per EN ISO 10140-3. The testing is carried out under the sample measuring 1.23m \times 1.48m \ as per EN ISO 10140-3. The testing is carried out under the sample measuring 1.23m \times 1.48m \ as per EN ISO 10140-3. The testing is carried out under the sample measuring 1.23m \times 1.48m \ as per EN ISO 10140-3. The testing is carried out under the sample measuring 1.23m \times 1.48m \ as per EN ISO 10140-3. The testing is carried out under the sample measuring 1.23m \times 1.48m \ as per EN ISO 10140-3. The testing is carried out under the sample measuring 1.23m \times 1.48m \ as per EN ISO 10140-3. The testing is carried out under the sample measuring 1.23m \times 1.48m \ as per EN ISO 10140-3. The testing is carried out under the sample measuring 1.23m \times 1.48m \ as per EN ISO 10140-3. The testing 1.23m \times 1.48m \ as per EN ISO 10140-3. The testing 1.23m \times 1.48m \ as per EN ISO 10140-3. The testing 1.23m \times 1.48m \ as per EN ISO 10140-3. The testing 1.23m \times 1.48m \ as per EN ISO 10140-3. The testing 1.23m \times 1.48m \ as per EN ISO 10140-3. The testing 1.23m \times 1.48m \ as per EN ISO 10140-3. The testing 1.23m \times 1.48m \ as per EN ISO 10140-3. The testing 1.23m \times 1.48m \ as per EN ISO 10140-3. The testing 1.23m \times 1.48m \ as per EN ISO 10140-3. The testing 1.23m \times 1.48m \ as per EN ISO 10140-3. The testing 1.23m \times 1.48m \ as per EN ISO 10140-3. The testing 1.23m \times 1.48m \ as per EN ISO 10140-3. The test$ laboratory conditions. In-situ performance may vary depending on the actual glazing dimensions, frame system, noise sources, etc.

The maximum dimensions depend on climatic conditions.