

August 2020



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 unprecedented 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 loss of performance.



### What's so special about it?

### What does this mean for you?

SLIM, SLEEK AND AESTHETICAL DESIGN	<ul style="list-style-type: none"><li>■ An appearance similar to monolithic glass</li><li>■ No vacuum evacuation port</li><li>■ Suitable for retrofitting(*) into existing windows</li></ul>
OUTSTANDING THERMAL INSULATION	<ul style="list-style-type: none"><li>■ U-value = 0.7 W/(m<sup>2</sup>.K)</li><li>■ For all situations (e.g. sloped or roof glazing)</li></ul>
SUSTAINABLE INVESTMENT	<ul style="list-style-type: none"><li>■ Designed to perform for several decades</li></ul>
MORE NATURAL DAYLIGHT	<ul style="list-style-type: none"><li>■ Slim design allows in more daylight</li></ul>
HARNESSING MORE FREE SOLAR ENERGY	<ul style="list-style-type: none"><li>■ Lower energy consumption</li><li>■ Lower emissions</li></ul>
SUPERB NOISE REDUCTION	<ul style="list-style-type: none"><li>■ Increased soundproofing</li><li>■ Reduced traffic noise</li></ul>
LEAD-FREE AND RECYCLABLE	<ul style="list-style-type: none"><li>■ 100% Recyclable</li><li>■ Circular sustainability</li></ul>

(\*) retrofitting: replacing the existing glass with FINEO glazing while keeping the original window frame (provided the frame is in good condition).

**GENERAL QUESTIONS, PRODUCT INFORMATION, SALES-RELATED INQUIRIES AND QUOTATIONS:**

**[WWW.FINEOGLASS.EU](http://WWW.FINEOGLASS.EU) OR [INFO@FINEOGLASS.EU](mailto:INFO@FINEOGLASS.EU)**

# ULTIMATE SLIM DESIGN FOR MAXIMUM INDOOR COMFORT

## Light and energy performance (1)

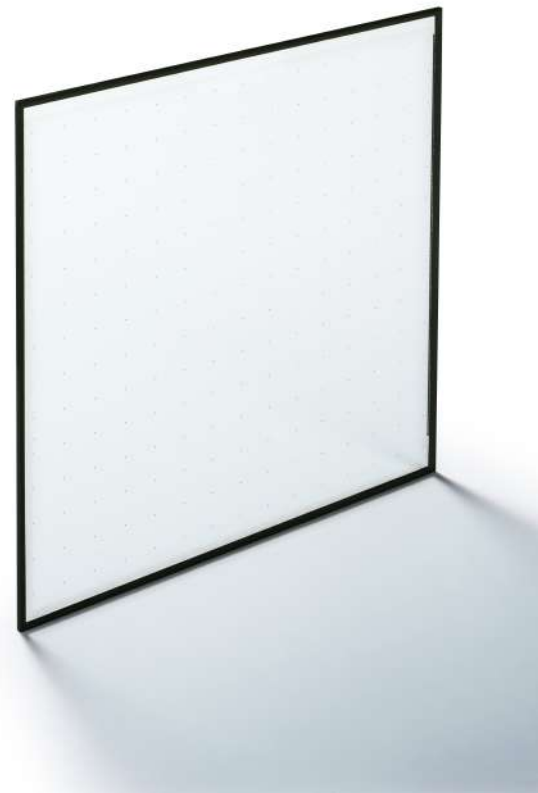
FINEO by AGC	Tot. Thickness [mm]	EN 410				EN 673
		TL (%)	LR ext (%)	LR int (%)	g [-]	Ug W/(m <sup>2</sup> .K)
Fineo 6	6.7	80	14	14	0.62	0.7
Fineo 8	7.7	79	14	14	0.61	
Fineo 10	9.7	79	14	14	0.60	
Fineo 12	11.7	78	14	14	0.60	

## Acoustic attenuation performance (2)

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	1.5m x 2.5m or 1.6m x 2.4m
	Minimum	0.2m x 0.2m
Shape	Standard	Square or rectangle
	Shapes	end 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 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 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.