



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 any 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 as 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>
EXCEPTIONAL NOISE REDUCTION	<ul style="list-style-type: none"> <li>■ Increased soundproofing</li> <li>■ Reduced traffic noise</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>
HARNESSES MORE FREE SOLAR ENERGY	<ul style="list-style-type: none"> <li>■ Lower energy consumption</li> <li>■ Lower emissions</li> </ul>
REDUCES UV RADIATION	<ul style="list-style-type: none"> <li>■ Blocks 99% of UV rays</li> <li>■ Reduces discoloration of interior furnishings</li> </ul>
LEAD-FREE AND RECYCLABLE	<ul style="list-style-type: none"> <li>■ 100% Recyclable</li> <li>■ Circular sustainability</li> </ul>


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

# ULTIMATE SLIM DESIGN FOR MAXIMUM INDOOR COMFORT

## Light and energy performance <sup>(1)</sup>

	Tot. Thickness [mm]	EN 410				EN 673
		LT [%]	LR ext [%]	LR int [%]	g [-]	U <sub>g</sub> [W/(m <sup>2</sup> .K)]
FINEO Acoustic 39dB v401	11.3	78	13	14	0.58	0.7
FINEO Acoustic 40dB v401	12.3	78	13	14	0.57	0.7
FINEO Acoustic 42dB v401	15.1	77	13	14	0.55	0.7
FINEO Acoustic 42dB v402	15.1	77	13	14	0.55	0.7

## Acoustic attenuation performance <sup>(2)</sup>

	EN ISO 10140	
	R <sub>w</sub> [C;Ctr] [dB]	R <sub>w</sub> +Ctr [dB]
FINEO Acoustic 39dB v401	39 (-2;-4)	35
FINEO Acoustic 40 dB v401	40 (-2;-3)	37
FINEO Acoustic 42dB v401 FINEO Acoustic 42dB v402	42 (-2;-4) <sup>(3)</sup>	38

## Production feasibility

DIMENSIONS	Maximum	1.5m x 2.5m or 1.6m x 2.4m
	Minimum	0.2m x 0.2m
SHAPES	Standard	Square or rectangle
	Other shapes	End 2020

(1) These data are calculated using spectral measurements compliant with standards EN 410 and ISO 9050 (1990). The U<sub>glass</sub>-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.

(3) Estimated values.