



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. The Solar Control range ensures a comfortable indoor temperature all year round. Suitable for south-facing facades and large glazed areas, it helps to retain heat during the winter months yet is cooler in summer.

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"> ▪ An appearance similar as monolithic glass ▪ No vacuum evacuation port ▪ Suitable for retrofitting(*) into existing windows |
| OUTSTANDING THERMAL INSULATION | <ul style="list-style-type: none"> ▪ U-value = 0,7 W/(m².K) ▪ For all situations (e.g. sloped or roof glazing) |
| SUSTAINABLE INVESTMENT | <ul style="list-style-type: none"> ▪ Designed to perform for several decades |
| MORE NATURAL DAYLIGHT | <ul style="list-style-type: none"> ▪ Slim design allows in more daylight |
| SUPERIOR SOLAR CONTROL | <ul style="list-style-type: none"> ▪ High performance solar control coating ▪ Lower solar heat transmission |
| SUPERB NOISE REDUCTION | <ul style="list-style-type: none"> ▪ Increased soundproofing ▪ Reduced traffic noise |
| LEAD FREE AND RECYCLABLE | <ul style="list-style-type: none"> ▪ 100% recyclable ▪ Circular sustainability |

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



**FOR MORE INFORMATION, OR TO ARRANGE A FREE NO OBLIGATION QUOTATION:
WWW.FINEO-GLASS.IE OR INFO@FINEO-GLASS.IE**

ULTIMATE SLIM DESIGN FOR MAXIMUM INDOOR COMFORT

Light and energy performance ⁽¹⁾



| | Tot. Thickness [mm] | EN 410 | | | | EN 673 |
|-------------------|---------------------|--------|------------|------------|-------|----------------------------|
| | | LT [%] | LR ext [%] | LR int [%] | g [-] | Ug [W/(m ² .K)] |
| FINEO 8 SC 73/39 | 7.7 | 74 | 15 | 16 | 0.40 | 0.7 |
| FINEO 10 SC 73/39 | 9.7 | 73 | | | 0.39 | |
| FINEO 12 SC 73/39 | 11.7 | 72 | | | 0.39 | |

Acoustic attenuation performance ⁽²⁾



| | EN ISO 10140 | |
|-------------------|-----------------|-------------|
| | Rw [C;Ctr] [dB] | Rw+Ctr [dB] |
| FINEO 8 SC 73/39 | 35 (-2;-5) | 30 |
| FINEO 10 SC 73/39 | 36 (-2;-3) | 33 |
| FINEO 12 SC 73/39 | 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 | |

(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.

The information and data contained in this document are subject to change without notice. For more information check our website www.fineoglass.eu