



FINEO is much more than glass technology. It is pure living comfort. Because this groundbreaking vacuum insulating glass not only delivers amazing energy performance. It also combines exceptionally high thermal

insulation with impressive soundproofing and unseen durability. The thin vacuum insulating glass also provides an elegant, sleek look. FINEO insulates just as well as triple glass, but is lighter and thinner. So installation is much less labor-intensive than replacing full frames. This often makes FINEO the most economical solution for renovation and restoration projects. FINEO is also a sustainable investment, because this insulating glass is 100% recyclable. And the vacuum insulating glass also has a very long life 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 as monolithic glass</li> <li>■ no vacuum evacuation port</li> <li>■ suitable for retrofitting(*) of existing windows</li> </ul>
OUTSTANDING THERMAL INSULATION	<ul style="list-style-type: none"> <li>■ Uglass of 0.4 or 0.7 W/(m².K)</li> <li>■ regardless of inclination (i.e. sloped or roof glazing)</li> </ul>
DURABLE INVESTMENT	<ul style="list-style-type: none"> <li>■ designed performance for several decades</li> </ul>
MORE NATURAL DAYLIGHT	<ul style="list-style-type: none"> <li>■ delivering increased indoor light comfort</li> </ul>
HARNESSING MORE FREE SOLAR ENERGY	<ul style="list-style-type: none"> <li>■ lower energy consumption lower emissions</li> </ul>
INCREASED ACOUSTIC ATTENUATION PERFORMANCE	<ul style="list-style-type: none"> <li>■ offer increased acoustic indoor comfort</li> <li>■ improved acoustic attenuation of disturbing traffic noise</li> </ul>
LEAD FREE AND RECYCLE ABLE	<ul style="list-style-type: none"> <li>■ 100% recycle able</li> <li>■ embraces the circular economy</li> </ul>

(\*) 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

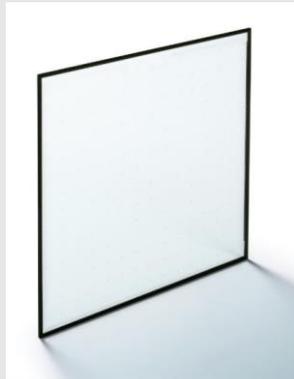
GENERAL QUESTIONS, PRODUCT INFORMATION SALES RELATED INQUIRIES AND QUOTATIONS [WWW.FINEOGLASS.EU](http://WWW.FINEOGLASS.EU)  
OR [INFO@FINEOGLASS.EU](mailto:INFO@FINEOGLASS.EU)

# Fineo and its competitor LandVac

## What's so special about it?

### Fineo

- an appearance similar as monolithic glass
- no vacuum evacuation port
- use of high performances and neutral looking coatings



AESTHETICAL DESIGN

### LandVac

- large optical distortion along the edges due to sealing technology
- evacuation port in a corner: diameter 15mm
- tablet getters in corners: diameter 12mm due to evacuation port and getters corners covered by enamel
- use of coatings with greenish-blueish aspect



THERMAL INSULATION

- U<sub>glass</sub> of 0.4 or 0.7 W/(m<sup>2</sup>.K) regardless of inclination (i.e. sloped or roof glazing)

- U<sub>glass</sub> of 0.4 to 0,5 W/(m<sup>2</sup>.K)

NATURAL DAYLIGHT  
HARNESSING SOLAR ENERGY

- light transmission TL 78% to 80%
- solar factor g 60 to 62%

- light transmission TL 70% to 79%
- solar factor g 39% or 57%

LEAD FREE AND RECYCLE ABLE

- Solar Control version: TL 73% and g 40%
- 100% recycle able
- totally Lead-free

- Solar Control version: TL 52% and g 30%
- limited recyclability
- the evacuation plug contains Lead, Bismuth, Copper and Tin,
- the sealant contains Silver, Copper and Tin  
*These components might limit the recyclability in the glass production process and might present environmental hazards*
- no circular economy due to the limitations of low recyclability

- embraces the circular economy

## Components

### Fineo

- none



EVACUATION PORT

### LandVac

- visible and weak: in a corner and to be protected and covered by enamel



SEALING TECHNOLOGY	<ul style="list-style-type: none"> <li>● ceramic (only) durable material</li> <li>● rigid seal, not fragile</li> <li>● totally moisture resistant</li> <li>● narrow seal: 5mm max</li> </ul>	<ul style="list-style-type: none"> <li>● metals based seal</li> <li>● soft seal, subject to fatigue (weakening of a material caused by cyclic loading)</li> <li>● not moisture resistant: to be stored in a dry environment (or plastic bag or film packaging), subject to corrosion. Working humidity &lt; 80%</li> <li>● wide seal: 8mm to 10mm</li> </ul>
		
PILLARS	<ul style="list-style-type: none"> <li>● placed in a 20mm square network</li> <li>● very discrete: diameter of 500µm</li> <li>● neutral dark organic material</li> </ul>	<ul style="list-style-type: none"> <li>● placed in a 50mm square network which can lead to optical distortions on glass</li> <li>● more visible: diameter of 700µm to 900µm</li> <li>● shiny metallic material</li> </ul>

<b>Installation</b>	<b>Fineo</b>	<b>LandVac</b>
INSTALLATION GUIDE SERVICES	<ul style="list-style-type: none"> <li>● comprehensive glazing instructions</li> <li>● includes instructions for retrofit, renovation and new windows applications</li> <li>● design tools made available for partners and customers</li> <li>● all documents and tools are available on a website via a separate session for each partner: <a href="https://www.fineoglass.eu">https://www.fineoglass.eu</a></li> </ul>	<ul style="list-style-type: none"> <li>● significantly incomplete instructions and of low quality</li> </ul>

<b>Certifications</b>	<b>Fineo</b>	<b>LandVac</b>
	<ul style="list-style-type: none"> <li>● EAD (European Assessment Document) EAD DP 18-30-0021-04.04 delivered in January 2019</li> <li>● ETA (European Technical Assessment) ETA 20/0048 delivered in January 2020</li> <li>● CE marking ongoing</li> </ul>	<ul style="list-style-type: none"> <li>● no EAD</li> <li>● no ETA</li> <li>● no European certificate</li> </ul>

An EAD, European Assessment Document, is the documentation of the methods and criteria accepted in EOTA, the European Organisation for Technical Assessment, as being applicable for the assessment of the performance of a construction product in relation to its essential characteristics. An ETA, European Technical Assessment, is the documented assessment of the performance of a construction product, in relation to its essential characteristics. **This ETA allows Fineo to be sold within the whole EU. No further test to validate the product is therefore needed in any EU country.**

<b>Extended range</b>	<b>Fineo</b>	<b>LandVac</b>
	<ul style="list-style-type: none"> <li>● Solar Control: with a solar control layer to limit the heat entering the building</li> <li>● Heritage: with an antique glass finish for historic looks</li> <li>● Safety: laminated on the inside and outside for greater protection against physical damage</li> <li>● Acoustic: reinforced soundproofing with a noise reduction up to 47 dB</li> </ul>	<ul style="list-style-type: none"> <li>● the presented Safety certificate does not comply with EU standards for Safety</li> </ul>

<b>Service</b>	<b>Fineo</b>	<b>LandVac</b>
LEADTIME – DELIVERY TIME	<ul style="list-style-type: none"> <li>● produced in Europe, in Belgium with a delivery time between 4 and 6 weeks</li> </ul>	<ul style="list-style-type: none"> <li>● produced in Asia with a delivery time between 14 and 16 weeks</li> </ul>

## Cases

### Fineo

- multiple and increasing number of installation cases
- please visit <https://www.fineoglass.eu> and <https://www.linkedin.com/showcase/fineo-by-agc/>

### LandVac

- no installation case referenced in Europe

For more information check our website [www.fineoglass.eu](http://www.fineoglass.eu)

