



# SUSTAINABLE VACUUM INSULATING GLAZING

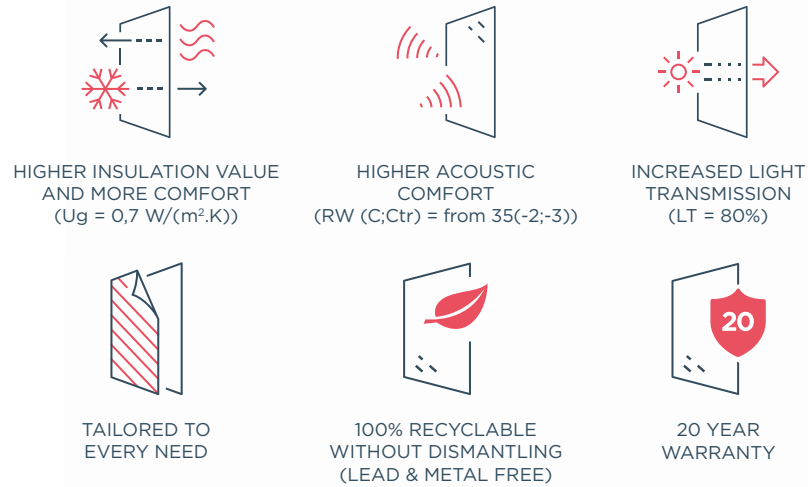
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## LESS IS MORE

Minimal glass thickness  
for exceptional thermal  
and acoustic comfort.

**FiNEO**  
by AGC

## Ultra-thin insulating glazing with incredible advantages



## Amazing performance

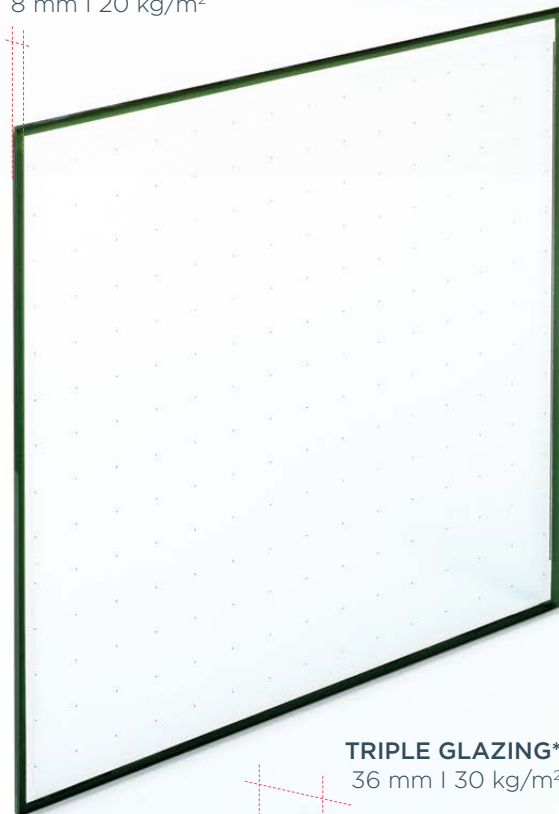
- **$U_g = 0.7 \text{ W/(m}^2\cdot\text{K)}$**   
FINEO glazing has a **thermal insulation coefficient of  $0.7 \text{ W/(m}^2\cdot\text{K)}$** , which is the same as **triple glazing**.
- **$LT = 80\%$**   
FINEO glazing allows **15% more natural light than triple glazing**.
- **$RW (C;Ctr) = 35(-2;-5)$**   
FINEO glazing **absorbs an extra 5 dB**, making it the best on the market and scores far better than double or triple glazing.

## 20-year full guarantee on the product

FINEO vacuum glazing has an **exceptional 20-year guarantee!**  
By comparison, traditional insulating glazing has a standard guarantee of 15 years. Indeed, where double and triple glazing leak gas in time, FINEO retains its performance.



FINEO\*  
8 mm | 20 kg/m<sup>2</sup>



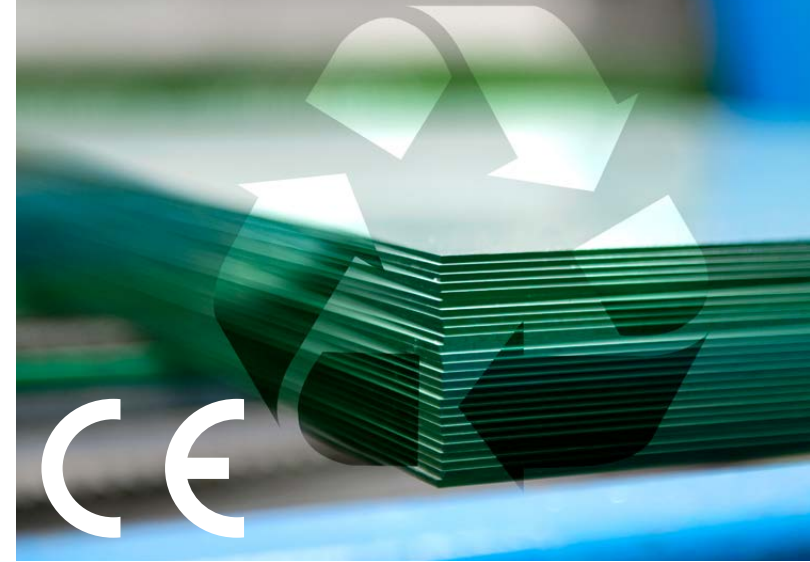
TRIPLE GLAZING\*  
36 mm | 30 kg/m<sup>2</sup>

Example\*

## The only vacuum glazing with CE marking

In 2024, FINEO glazing is the **only vacuum glazing in Europe** to carry the CE mark. This marking indicates that FINEO meets all **EU requirements** regarding **safety, health** and **environmental protection**.

When comparing vacuum glazing, always ask for this marking to ensure you install glazing that performs as indicated in the product's declaration of performance.



## More sustainable than all other vacuum glazing

FINEO is the future of glazing: it delivers **the most advanced vacuum insulating glazing technology**, optimizing indoor comfort and energy consumption by outperforming conventional insulating glazing.

### 100% recyclable

FINEO vacuum glazing is **100% recyclable without dismantling** (lead & metal free) because all used materials may be returned to a glass oven. This is only possible when a product is entirely constructed from **environmentally friendly** and **lead-free materials**.

When comparing vacuum glazing, ask for the certificates to ensure that you are installing glazing in which no heavy metals have been incorporated.

### Thinner and lighter

With a thickness of just 7.7 mm, FINEO glazing is **more than three times thinner than double glazing** and **almost six times thinner than triple glazing**.

This difference allows for more ecological transport and easier assembly due to the much lighter weight of the glass.

### Produced in Belgium

FINEO is produced in Europe, wherever it is installed. This **minimizes the ecological footprint**. Moreover, FINEO has installed a **large range of solar panels** on its factory site, allowing the company to operate as much as possible on **self-generated green electricity**.

### Minimum life expectancy of 60 years

FINEO meets and passes **ISO 19916-1:2018 durability tests**, allowing us to assume a durability for FINEO of at least 10 years (the minimum required in European countries for insulating glazing).

AGC has conducted multiple cycles of these durability tests, achieving a **lifetime of at least 60 years**.

## Certificates & statements

UBAtc asbl

BUTgb vzw



CSTB  
Le futur des constructions



Deutsches Institut für Bautechnik  
DIBt



FINEO is the one and only vacuum insulating glazing with CE marking.



FINEO was awarded "product of the year 2023" by the prestigious Society of Façade Engineering, in the UK.



# A product range tailored to each project

**FINEO** is available in different ranges with unique properties, from **solar control**, **noise reduction** and **fire resistance** to **breakage safety**. **FINEO** is also suitable for both commercial and residential new buildings, and, thanks to its thin glass pane, offers a very **cost-efficient solution** for the renovation and restoration of historical buildings. For the last application, an antique glass finish is available.



## FINEO applications

### ■ RENOVATION

Keeping existing window frames and replacing only the glass? With ultra-thin **FINEO** vacuum glazing, this is finally possible because **FINEO** glass fits any window!

Choose insulating glass with the highest performance without the hard work. **FINEO** is quick and easy to install, saving you even more.

### ■ RESTORATION

Do you want to restore a period building and preserve its characteristic features, such as the windows in the facades? Choose **FINEO**. The glass is perfectly suited to single-glazed windows and can be combined with monumental glazing. In this way, you can achieve energy efficiency without losing the original appearance.

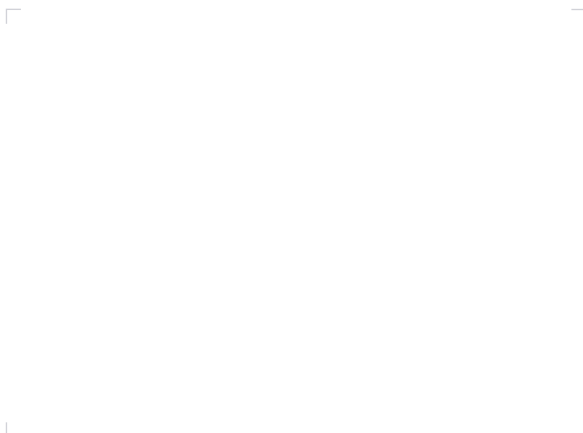
### ■ NEW BUILDING

Want stylish **FINEO** insulating glass in elegant, minimalist windows for your future building project? It's possible! **FINEO** works with the biggest window manufacturers on the market. Whatever your choice, aluminium, wood or PVC, we offer a superb range of state-of-the-art window solutions.

For new buildings, the growing demand for energy efficiency requires intelligent and innovative solutions in terms of sustainability, technology and design. **FINEO** shows the way to these solutions.



Your installation engineer:



## The sustainable solution

- ✓ With an EPD verified by a third-party
- ✓ With CE-marking
- ✓ 100% recyclable
- ✓ Lead & metal free
- ✓ High insulation value
- ✓ High light transmission
- ✓ ISO 19916-1:2018
- ✓ Unique 20-year warranty
- ✓ Minimum 60-year service life
- ✓ Produced in Europe



More information, technical specifications and performance:  
[www.fineoglass.eu](http://www.fineoglass.eu)

