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A cleaner world thanks  
to sustainable glass



# FINEO

by AGC

After years of development, FINEO was introduced to the market in 2019 by parent company AGC Glass Europe. **FINEO is the latest generation of vacuum insulating glass.** Thanks to its advanced vacuum technology, the glazing combines a minimal glass thickness with exceptional thermal and acoustic comfort. The product is often described as the ideal combination of the elegance of single glazing with the insulating advantages of triple glazing.

FINEO is used in both new construction and renovation and is especially popular with restorations where the original window frames can be reused.

**0,7 W/(m<sup>2</sup>.K)**

Thermal insulation coefficient

**15%**

More natural light

**6 dB**

Less noise indoors

**7.7 mm**

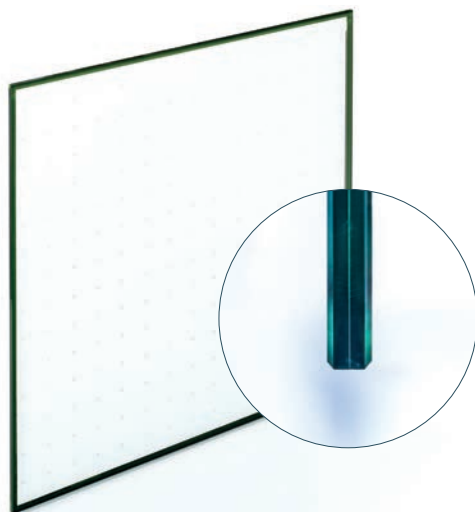
Thickness

**100%**

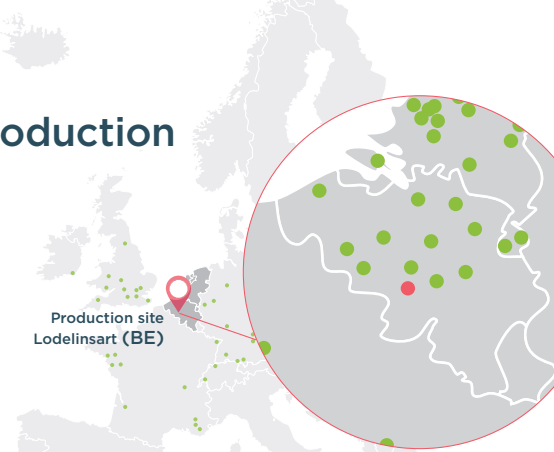
Recyclable

**15 years**

Guarantee



# Sustainability both in production and in the product



Production site  
Lodelinsart (BE)

## Made in Belgium

FINEO is **produced in Lodelinsart** (Belgium). This is a very conscious choice because the Belgian electricity network emits **little carbon**. The ecological footprint would be much larger if the production were to take place in another country. Moreover, in 2019, FINEO installed a **large number of solar panels** allowing the company to operate as much as possible on **green electricity generated on-site**. In other words, FINEO is a thoroughly local product, where sustainability and high quality go hand in hand.

## Smart transport ensures low emissions

FINEO glass is **lighter and thinner** than double or triple glazing. This means that **more glass sheets are taken per journey** and so fewer lorries need to take to the road. Thanks to Belgium's **central location, logistically efficient** exports are possible to neighbouring countries with minimum emissions. As a result, the emissions from the transport of FINEO are much lower than those of other manufacturers.

## FINEO goes for the circular economy

Reuse is very important. FINEO glass is 100% recyclable and without loss of quality. In 2020, **97.1% of all waste was reused**, either by the company itself, or by suppliers or contractors. In addition, **1% was incinerated**, from which energy was extracted. Finally, **in 2020, only 1.9% went to the landfill**. While this is certainly a good figure, the goal is 0%.



Is 0% possible? Between 1998 and 2020, parent company AGC Glass Europe succeeded in reducing the amount of waste going to landfill by 95%. We are convinced that FINEO **will be waste neutral within a few years**.

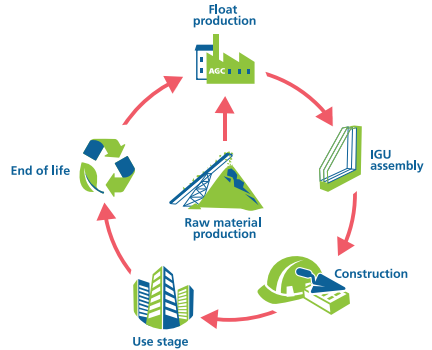
## Certificates achieved

Thanks to investments in sustainability, FINEO has already obtained the following certificates.

The **Environmental Product Declaration** is a certificate where a company scientifically identifies the climate impact of its products, by means of a **Life Cycle Analysis**.

In this way, a company can prove that it operates in an environmentally friendly way.

### Life Cycle Analysis



Currently, FINEO has EPD type 1, which was achieved through self-evaluation.

*Sustainability does not start or stop with production, it is a mindset that all stakeholders must bear.*

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## Certificates pending



**Cradle to Cradle®** evaluates the overall sustainability of a product throughout its entire life cycle. This certificate goes beyond product quality, focussing also on the **positive effects at the economic, ecological and social levels**.



The application for EPD type 4 has also been submitted. This means that an independent party issues the certificate.

\* Cradle to Cradle Certified® is a registered trademark of the Cradle to Cradle Products Innovation Institute.



## How does FINEO help to achieve Green Building certifications such as LEED® and BREEAM?



- Thermal insulation saves energy
- No use of waste material
- 15% more natural light indoors



- Combination of thermal and acoustic insulation
- Less energy needed for heating
- Reduction of CO<sub>2</sub> emissions
- 15% more natural light indoors

## Looking towards the future

Six goals have been set for 2030:



**30%**  
less  
greenhouse  
gases



**20%**  
less  
energy  
consumption



**15%**  
less  
water  
consumption



**NO**  
waste to  
landfill



**LESS**  
waste  
production



**GREEN**  
product  
design





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