

This is what we stand for



OURIMPACT



STANDING THE TEST OF TIME

We want to
build for eternity

We believe the most sustainable thing is to produce insulation products that stand the test of time and won't need to be replaced over and over again.

In fact, when used as designated, FOAMGLAS® cellular glass products last for decades without losing any properties. Our products improve the energy efficiency of buildings for their whole lifetime and can be reused on the spot when renovating. That is something we are truly proud of.

This doesn't mean we are content. We want to be active in reducing our footprint as much as possible and finding new ways of recycling and reusing our products and offcuts.

We believe in working together with our customers and finding the best solutions to create sustainable buildings together. This is our impact.



This is what we stand for

01

INSULATION IS A KEY TO THE SOLUTION

Our products are fire safe and play a vital role in fighting climate change. Once installed, FOAMGLAS® retains its properties and enhances energy efficiency for the whole lifetime of a building*.

PROOF POINTS

01

INSULATION IS A KEY TO THE SOLUTION

PROVEN PERFORMANCE



After nearly half a century in situ, FOAMGLAS® roof insulation demonstrated the same performance properties as the day it was originally installed.

100 YEARS

The durability of FOAMGLAS® products is practically unlimited when they are used as designated.* In the EPD, the declared service life is **100 years**.

** FIW (Research Institute for Thermal Insulation), Munich
* Stated in EPD-PCE-20200300-IBB1-EN, published by Institut Bauen und Umwelt e.V. (IBU)

Long-term thermal performance

Non-combustible

High compressive strength

Non-absorbent

Lightweight

Impermeable

Stable



75%

Insulation can account for up to 75 percent of the total energy reduction potential of buildings.

LONGEVITY

FOAMGLAS® products fully retain their strength and other properties over time. When the structure stays in place, there is no need to replace the insulation when renovating. This causes a smaller impact on the environment.

This is what we stand for

02

WE CONTINUOUSLY REDUCE OUR FOOTPRINT

We aspire to halve our CO₂ emissions by 2030 and eventually eliminate our use of fossil fuels. We were pioneers in melting glass with green electricity already in 2007 and continue to use 100% renewable electricity at our factories.



PROOF POINTS

102

WE CONTINUOUSLY REDUCE OUR FOOTPRINT

RENEWABLE ELECTRICITY

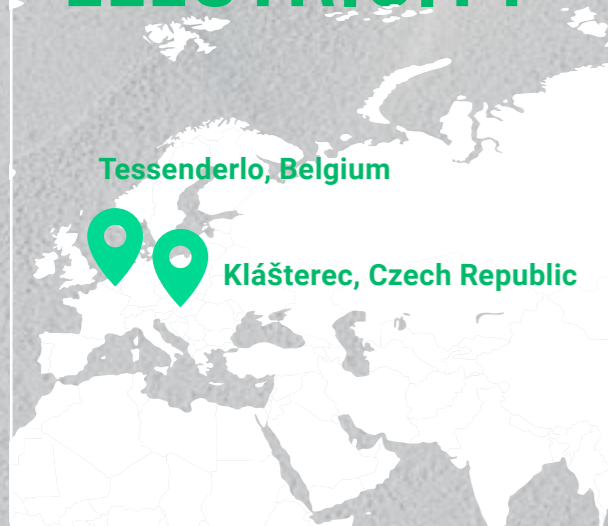
All Foamglas factories use

100% GREEN ELECTRICITY

Tessenderlo, Belgium



Kláštorec, Czech Republic



HOW IT WORKS

ELECTRIC MELTING



A PRECISE PROCESS

We use electric melters for melting the glass at both of our factories in Europe. This reduces CO₂ emissions significantly.

OUR HISTORY

PIONEERS

We have been using electricity to melt glass since 1995. Our factories switched to renewable electricity in 2007 and 2019.

LATEST ACHIEVEMENT

HERO PACKAGE

-55% PLASTIC



This is what we stand for

03



WE STRIVE FOR CIRCULAR ECONOMY

Glass can be recycled over and over again. Currently approximately 60% of the raw material used to make FOAMGLAS[®] comes from recycled materials such as car windows and product waste from our factories. We are developing take-back solutions and aim for zero waste leaving our plants by 2030.

PROOF POINTS

03

WE STRIVE FOR CIRCULAR ECONOMY

THE MATERIAL

~60% RECYCLED

Currently approximately 60% of the raw material used to make FOAMGLAS® comes from recycled materials such as car windows and waste from our own factories. We aim to increase the use of recycled materials in our products.

THE PROCESS

ZERO WASTE

At our plant in Tessenderlo, Belgium, no production waste goes to landfill. It is reused as raw material in our own factory and as filling material for e.g. brick production, road construction and sound barriers.



We have deliberately chosen not to brand our wrapping to make the plastic easier to recycle.

NON-BRANDED PACKAGING

THE PILOT



DEVELOPING CUSTOMER WASTE SOLUTIONS

In Belgium we have been piloting customer waste solutions together with our customers. We bring the surplus material from the building site back to our factory and reuse it.



This is what we stand for

04

WE CREATE SUSTAINABLE BUILDINGS TOGETHER WITH OUR CUSTOMERS

We are continuously joining forces with our customers to develop and test new sustainable products and solutions.



04

WE CREATE SUSTAINABLE BUILDINGS TOGETHER WITH OUR CUSTOMERS

WE ARE ADVISORS

We don't sell products, we sell solutions. Our sales engineers are advisors who help customers find the best solutions for creating sustainable buildings.

1



CASE

INNOVATION

Hoppet kindergarten, Gothenburg

With the aim of building fossil free, the foundation of the building was not laid with concrete but with Koljern®, which consists of FOAMGLAS® cellular glass and light metal beams. The innovative foundation is lightweight, moisture resistant and provides superior compressive strength.

2



CASE

REUSE

The State Parliament building, Stuttgart

After five decades in use, the State Parliament building required modernization. An additional layer of insulation material was used on top of the existing layer of FOAMGLAS® cellular glass. The flat roof now helps reduce energy loss with superior heat insulation.

3



CASE

ROOF INSULATION

Ecole Vincent Auriol, Paris

The school was mainly built from recycled and bio-based materials and is a great example of a green building both in terms of energy efficiency and carbon footprint. For the green terrace roof, FOAMGLAS® TAPERED system with its integrated slope shape was chosen.



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