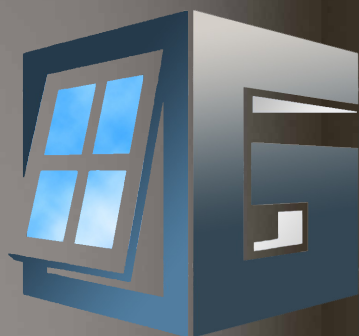


Greta®Fenster

# Pure design & sustainability

A new world in haptics and optics



reddot winner 2022


[greta-fenster.de](http://greta-fenster.de)



## **myWindow: The right window for everyone**

For us, the window is not a purely technical product, but connects living and facade. With light, heat input, view, ventilation and tangible surfaces, the window determines the individual quality of living. The window is the design-determining element of the façade and must fulfil ecological, technical and safety-relevant criteria.

All these requirements cannot be met with a standard solution, but require intelligent solutions, which are configured according to the specific situation, the characteristics of the building, the architecture and individual preferences. With our window systems, we develop the logical path to the optimal window configuration.




„Sustainable thinking and an aesthetic approach go hand in hand for us: from the very first design, we consider the entire life cycle of a product.“


# A fusion of aesthetics and sustainability

**Greta®Fenster values style and vision:  
This is our most sustainable profile system**

With Greta®Fenster we combine decades of experience in profile development with timeless elegance. The premium line combines the advantages of PVC window profiles with ecological performance as well as maximum sustainable production: The PVC used comes 100% from old windows and production residues.

Greta®Fenster have the best insulation values at passive house level. The natural texture in concrete look turns your window into a tangible design object – complete your living space and facade with clear, minimalist window profiles.

 Profiles from solid material – without lamination

 Clear, minimalist design and narrow frames

# Design and surfaces

## Style is for those who show character: Greta®Fenster does without perfect smoothing

Concrete-look surfaces can be found in flooring, front door panels and modern interior design. At the same time, recycled PVC cannot be used in today's production processes to achieve completely smooth surfaces, which is why recycled material has so far only been used in the profile core.

We take advantage of this unique texture with Greta®Fenster and offer a modern profile, which in the free variant convinces with a particularly slim design – with our formulation your window becomes a haptically tangible component of contemporary living.

### Greta®Fenster:

- withstands all weather conditions - from extreme precipitation to high solar radiation
- is user-friendly and easy to clean
- fits into a high-quality design due to its open-pored texture & monochrome appearance

„Architecture is harmony and unison of all parts, achieved in such a way that nothing could be taken away, added to, or changed without destroying the whole.“

– Leon Battista Alberti





# Consistent monochrome design - for sophisticated architecture

**Whether renovation or new construction project – with Greta®Fenster you show a sense of style**

Every building style places different demands on a window. As part of the flexible greenEvolution modular system, Greta®Fenster profiles can be individually adapted to your building project. The slim design allows the construction of large glass areas for maximum light penetration.

This is how renovated old buildings and modern buildings gain in living quality. The unique Greta®Fenster texture gives your home that special frame in a timeless, minimalist style.

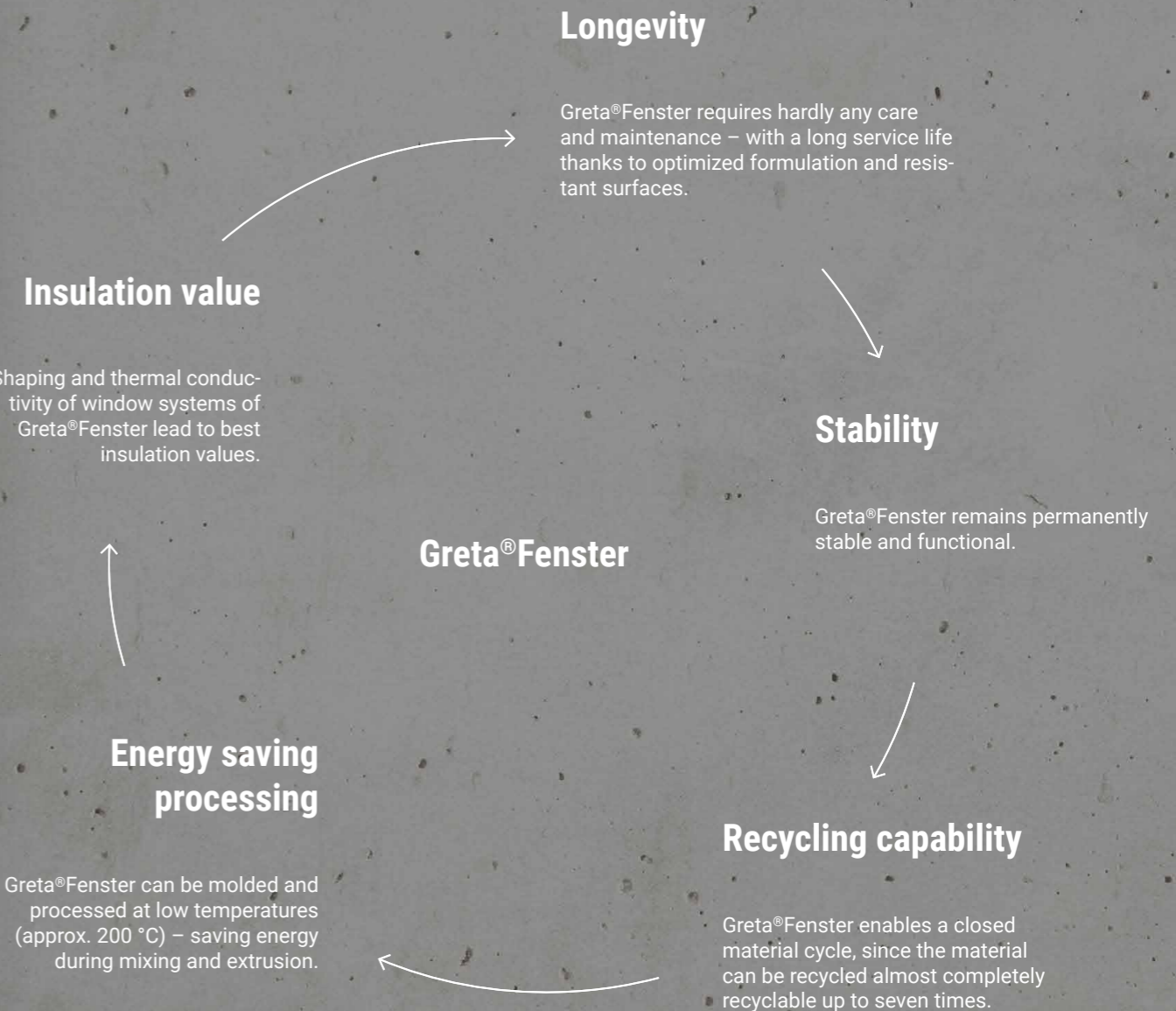
# The most sustainable material for windows – Greta®Fenster

**Sustainability, CO<sub>2</sub> footprint, energy balance & durability – Greta®Fenster are always pioneering**

From wood to aluminium to PVC windows, window manufacturing materials have come a long way. With the increasing importance of sustainability and carbon footprint, the use of recycled materials becomes an essential part of ecological building. Greta®Fenster provide exactly this optimal solution - like all PVC windows, they can be fully recycled with minimal pollutants, but are already made from 100 % end-of-life windows and production sections. The special refinement of Greta®Fenster leads to a completely new and unique texture of the material on the market.

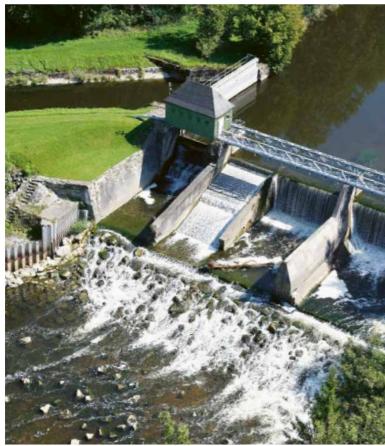
	Wood	Aluminium	Greta®Fenster
Tactile surface	+++	+	+++
CO <sub>2</sub> footprint	+++		+++
Energy demand in production	+++	+	++
Lifetime	++	+++	+++
U-values	++	++	+++
Maintenance	+	+++	+++
Energy demand in the recycling process		++	+++

"For us, sustainable action means: We combine needs of people and the environment – thanks to modern technologies."



# Greta®Fenster combines the needs of people and the environment

## Optimized development and production for an ecological footprint



Sustainability means responsible use of raw materials and energy. That is why we do not have any trees felled for the production of our profile systems and do not use wood, a raw material that only grows slowly. Instead, we rely on recycled PVC: This plastic can be completely recycled up to seven times. At the same time, we use 100 % sustainable energy sources, such as our two in-house hydroelectric power plants. In this way, we save resources and contribute to the preservation of clean oceans.

## The recycling process

In a multi-stage process, PVC granulate is extracted from old window profiles: The basis for our Greta®Fenster.



PVC waste windows



Coarse profile pieces



Unsorted ground Material



Sorted ground material



Granulate

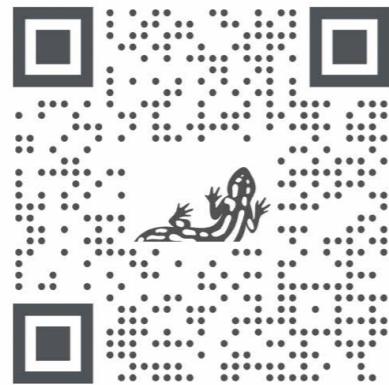


Greta®Fenster



# The profiles in detail

You will find more information about Greta® Fenster  
online – simply scan the QR code to discover more.



## Examinations and certificates

- ISO 9001 certification  
(quality management system)
- ISO 50001 certification  
(energy management system)
- VinylPlus certification (sustainability)
- EPDs (environmental compatibility)

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Salamander Industrie-Produkte GmbH  
Jakob-Sigle-Straße 58  
86842 Türkheim/Unterallgäu  
Germany

Telephone: +49 8245 52 0  
Fax: +49 8245 52 359  
info@salamander-windows.com  
salamander-windows.com

Management:  
Götz Schmiedeknecht  
Till Schmiedeknecht  
Wolfgang Sandhaus

Chairman of the Advisory Board:  
Dr. Heyo Schmiedeknecht

Legal form:  
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# SALAMANDER

WINDOW & DOOR SYSTEMS

## We have the right window for your requirements

Thanks to decades of experience in profile development and PVC extrusion. Durable, customizable and sustainable right from the start: we are constantly developing our systems to offer you the perfect window of the future today.



Greta Windows LLC  
32 Overlook Drive Ridgefield,  
CT 06877, USA  
Tom: (917)-385-3856  
Matt: (203)-788-8415  
[www.gretawindows.com](http://www.gretawindows.com)

