

SALAMANDER
WINDOW & DOOR SYSTEMS

Greta

The better window

Design
Innovation
Recycled

myWindow: Find your match

We don't see windows as a purely technical product, but rather as an element which combines living and the façade.

Windows characterise the individual interior feel by means of light, heat input, view, ventilation and stunning finishes. At the same time, the window is the design-shaping element of the façade and has to satisfy ecological, technical and safety-relevant criteria.

All these requirements cannot be fulfilled with a single standard but rather demand intelligent solutions which can be configured to match the specific situation, features of the building, the architecture and personal tastes.

With our window systems, we are paving the logical path to the optimum window configuration.



"For us, a sustainable approach and high aesthetic standards go hand in hand. Right from the first concept design, we take the product's entire service life into account."


The window of the future


**Greta is all about style and vision:
Introducing our most sustainable profile system.**

This premium line combines our many decades of experience in profile development. Technology meets timeless elegance.

Greta combines the advantages of PVC window profiles with environmental performance. This profile system is produced in line with the highest sustainability standards: All the PVC used comes from old windows and production waste.

Greta boasts insulation values comparable with those for passive houses. The natural texture with a concrete look transforms your windows into a tangible designer object; complete your interior and façade with clear, minimalist window profiles.

 Profiles made of solid material without lamination

 Clear, minimalist design and slim frames

Design and surfaces

**If you have got style, show your character:
Greta is not about a perfectly smooth finish.**

In addition to the unique look, Greta also offers a haptic experience. Today's production methods with recycled PVC cannot be used to achieve completely smooth surfaces which is why, up to now, recycled material was only used in the profile core.

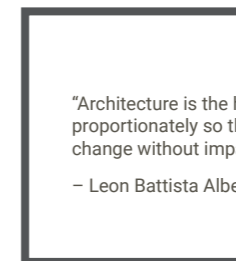
We make use of the unique texture to offer a modern profile which, in the free version, impresses with its particularly slim design. Surfaces with a concrete look are used for

floor coverings, front door panels and in modern interior designs and, thanks to our new solution, windows have now also been transformed into a haptic aspect of contemporary living.

Long-lasting material – timeless design:

Greta

- withstands rainfall
- withstands solar radiation
- withstands mechanical loads
- is user-friendly and easy-to-maintain
- perfect for premium designs



"Architecture is the harmony and unison of all parts proportionately so that one cannot add or subtract or change without impairing the harmony of the whole."

- Leon Battista Alberti

Material properties:

- Natural look with shimmer effect
- With grey gaskets

Light grey



Stone grey*



Olive-grey*



* in development

Timeless design to suit all architectural styles

Whether for renovation projects or new builds, with Greta you show a sense of style.



Every architectural style makes different demands of windows. As part of the greenEvolution flexible modular system, Greta profiles can be individually tailored to your project. The slimline design allows the construction of large glass areas for maximum light incidence which is a real plus for both renovated older and modern buildings. The unique realMaterial texture gives your home a stunning frame with a timeless, minimalist style.

"We consider the house, living space and human being as a whole: the right window satisfies the requirement across the board."

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The most sustainable material for windows – Greta

Our window profiles have several lives since Greta can be reused time and time again.

From production through to recycling, the realMaterial Greta passes through a closed material cycle. Only very little energy is required to reprocess PVC, making it ideal for recycling: uPVC windows can be processed completely to produce new profiles without creating any harmful emissions.

	Timber	Aluminium	Greta
Tactile surface	+++	++	+++
CO ₂ footprint	+++		+++
Energy requirements during production	+++	+	++
Service life	++	++	+++
U-Values	++	++	+++
Maintenance	+	+++	+++
Recyclability and energy requirements		++	+++
Price	++	+	+++

"For us, a sustainable approach means using state-of-the-art technologies to unite the needs of humans and the environment."

Insulation value

The design and heat conductivity of Greta ensure exceptional insulation values:

MD: U_w up to 0,73 W/(m²k)
AD: U_w up to 0,77 W/(m²k)

Longevity

Greta windows need only minimal care and maintenance yet offer longer durability thanks to an optimised formula and more resilient surfaces.

Stability

Greta remains permanently stable and functional thanks to the chemical and physical profile corner connections.

Greta – realMaterial

Energy saving processing

Greta can be shaped and further processed at low temperatures (approx. 200°C), thus saving primary energy during mixing and extrusion.

Recyclability

Greta facilitates a closed material cycle since the material can be almost completely recycled up to seven times.

Greta unites the needs of humans and the environment

Development and production with a view to the future.



Our water power plant.

Sustainability means handling raw materials and energy responsibly.

No trees are felled for the production of our profile systems. We forgo the very slow growing raw material timber and, instead, use recycled PVC: This material can be completely recycled up to seven times. We are thus able to save resources and make an important contribution to keeping our oceans clean.

The recycling process

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



Coarse pieces of profiles



Unsorted ground material



Sorted ground material



Granulate



The profiles in detail

You will find further information on Greta on-line – simply scan the QR code to discover more about the better window.



Testing and certificates

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

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We have the perfect window to suit your needs –

thanks to our decades of experience in profile development and PVC extrusion. Long-lasting, customisable and sustainable from the word go: We are continuously developing our systems to offer you the perfect window for the future today.



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