



GEALAN-LINEAR®

The versatile all-rounder

Design meets
functionality



GEALAN-LINEAR®

EVOLUTION AT AN INSTALLATION DEPTH OF 74 mm

GEALAN attaches great importance to the technical, economic and environmental balance of its systems. For this reason, GEALAN-LINEAR®'s development targets multiple requirements. The 74 mm technology, an advancement in the 70 mm segment, provides high stability with modern functional glass and the multi-chamber design ensures increased security, sound insulation and thermal insulation. The system's universality is rounded off by its linear design, following the minimalistic trend of modern architecture.





LINEAR STYLE

The system is based on a consistent, distinct design language that is currently setting the tone in the architectural world. A range of matching glazing strips continues the exterior elevation's consistent design – on the room side of the windows as well. Narrow visible widths in the frame and sash provide more light in the buildings.



DRAW ON UNLIMITED RESOURCES

Whether in new builds or for renovations, GEALAN-LINEAR® impresses with its exceptional versatility. It is a complete system platform that includes windows, front doors and sliding doors. The GEALAN-acrylcolor® surface technology provides even greater durability and a wider range of colours where needed.





TRENDY AND TIMELESS

GEALAN-LINEAR®'s clear-cut, angular design has a refreshingly timeless effect and is in keeping with contemporary architectural language. Particularly in new buildings, angular forms and distinct lines determine the trend towards open and calmly designed facades.

Highlights:

- Slim installation depth in a linear design
- Narrow visible widths for more light in the interior
- High stability thanks to steel stiffeners
- Solutions for windows, French doors and front doors
- Angular 90-degree look on both the outside and inside
- Perfect for renovations, refurbishments and new builds – lasting value and durable
- Extensive decorative foil range, from smooth to ultra-matt decors
- RealWood® – decorative wood foils for a customised look and feel
- Sustainable thanks to a recycled core



Sustainable recycled core

Outstanding static values

5 chambers in the sash

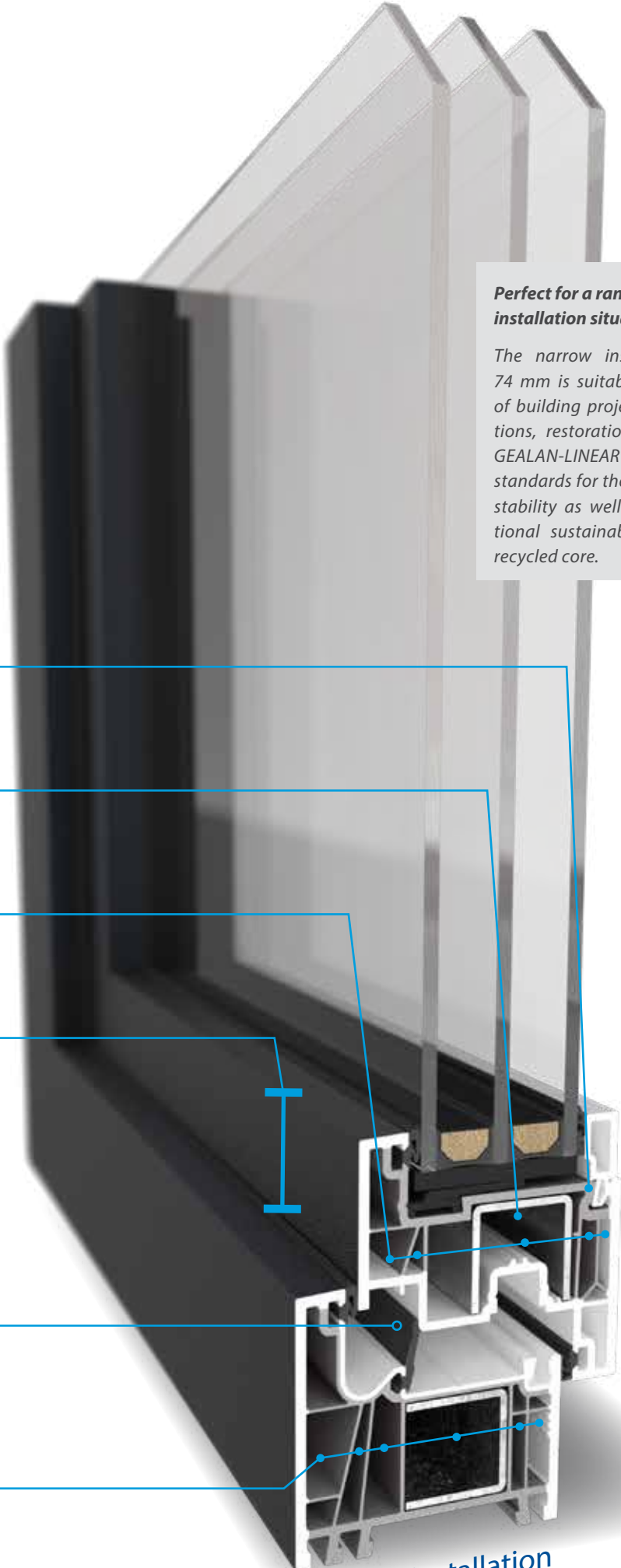
Slim visible width



*6 chambers
in the frame*

**Perfect for a range of
installation situations**

The narrow installation depth of 74 mm is suitable for a wide range of building projects such as renovations, restorations and new builds. GEALAN-LINEAR® meets the highest standards for thermal insulation and stability as well as boasting exceptional sustainability thanks to the recycled core.



74 mm installation
depth

GEALAN-LINEAR®

IMPRESSIVE THERMAL INSULATION

The GEALAN-LINEAR® system has extremely good thermal insulation properties at an installation depth of 74 mm. The six chambers in the frame and the five chambers in the sash support the good thermal insulation. The innovative central seal interrupts the heat flowing from the inside out. The thermal insulation properties have been tested and certified by the IFT Institute in Rosenheim.



* Calculation basis: Glass structure with thermal insulation foil and "Ultimate Swisspacer" with U_g value = 1.0 W/(m²·K)



Decorative and monochrome foils

INDIVIDUAL LOOK

GEALAN-LINEAR® is available in countless colours and designs. You choose how the colour foils are applied: either on the outside or on both sides, in a uniform design or in different colours on the outside and inside. Foils with different surface structures are also available. The selection ranges from classic structures to matt surfaces as well as window profiles with RealWood decorative wood foils*.



** These foils are not made of actual wood*



Expertly finished

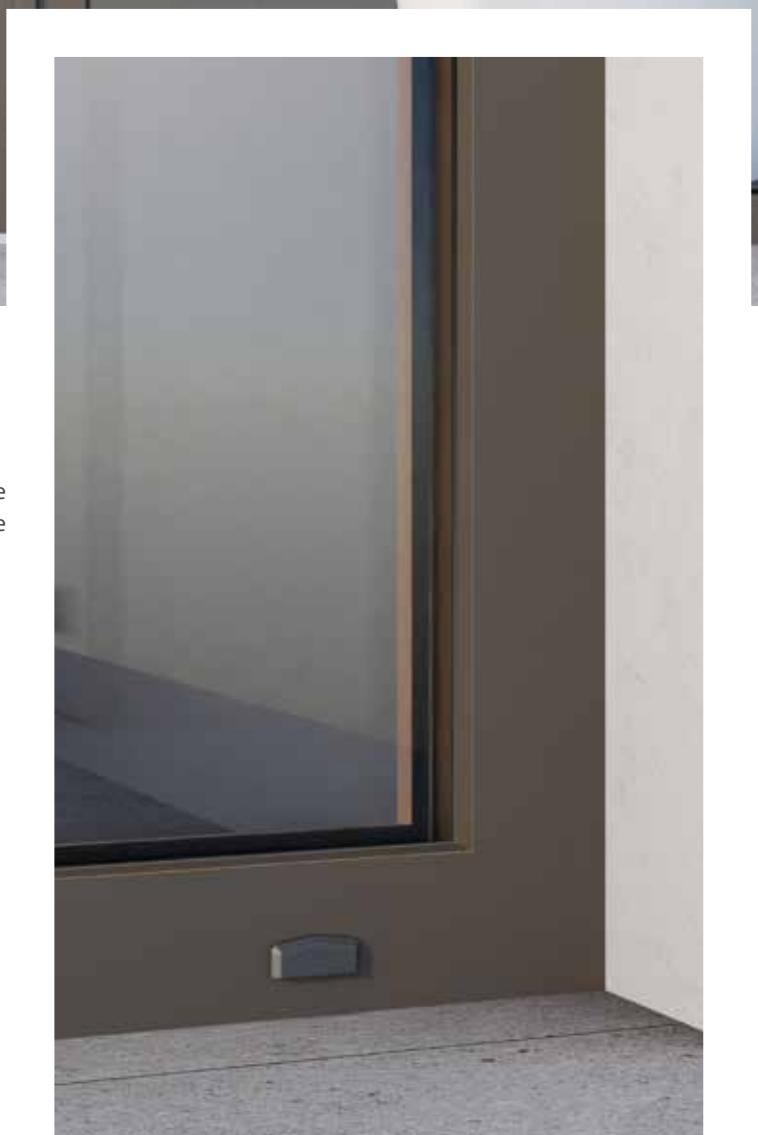
Even tougher and with more colours than ever before: even the angular 74 mm all-rounder GEALAN-LINEAR® is available with the high-quality GEALAN-acrylcolor® surface finish.

THE GEALAN-ACRYLCOLOR®

GEALAN-acrylcolor® is a premium PMMA surface. It does more than add colour and an elegant appearance to PVC profiles, it also adds value with functional advantages:

- scratch-resistant
- impervious to dirt
- withstands even the harshest weather

GEALAN-acrylcolor® extends the already long service life of PVC windows.





OUR HIGHLIGHT COMBINATION: GEALAN-LINEAR® + GEALAN-ACRYLCOLOR®

DARK BASE

GEALAN-LINEAR® lets manufacturers fabricate modern windows, front doors and sliding solutions in a striking modern design. For an all-round harmonious look, a dark grey base can also be used.

A GEALAN-acrylcolor® as the finish on the outside, colour-coordinated decorative foils on the inside and the dark base gives windows an exceptional, high-quality appearance.



RANGE OF COLOURS

The colour spectrum of the GEALAN-acrylcolor® surface technology has now grown to more than 60 available shades. This includes highlights such as the industry's only range of metallic shades.



With this huge choice of colours, GEALAN lets you individually design your window and door elements. The GEALAN-acrylcolor® special colour range is the perfect choice for extraordinary buildings.

SOMETHING FOR EVERYONE –

Design options in the GEALAN-LINEAR® system

PERFECTLY SLENDER

The versatile GEALAN-LINEAR® system all-rounder is available in a range of different designs. They can be used to create particularly slim views with profiles in the GEALAN-LUMAXX® design. All without having to compromise on ease of use and security.



GEALAN-LUMAXX® design



GEALAN-LINEAR® standard variant

SUITABLE FOR NEW BUILDS AND RENOVATIONS

The GEALAN-LUMAXX® design in the GEALAN-LINEAR® system allows the narrowest view widths of up to 102 mm in the frame-sash combination. This lets you achieve an elegant and modern look that fits perfectly into contemporary architecture.

But GEALAN-LINEAR® is also perfect for renovation projects. The low installation depth of 74 mm and the slim view widths mean that the profiles easily integrate in the existing building fabric.

The GEALAN-LUMAXX® design option also offers a single mullion solution with a view width of just 100 mm – for windows with maximum glazed surfaces and optimal incidence of light.



A CLEAR EDGE

The GEALAN-LINEAR® system comes in a rebated version as standard, which gives the window a sense of size and space. A flush design option is available as a more linear version for the particularly discerning eye: this gives the window a uniform, closed look.



INTEGRATION IN THE FACADE

Flush windows give the appearance of integrating particularly harmoniously into building envelopes. In this case, the frame and sash merge into a single unit. Only a narrow joint indicates where the window can be opened.

STRIKING AND EXTRAORDINARY

The interplay of the characteristic linear overlaps of GEALAN-LINEAR® creates a striking window design that quite unexpectedly meets modern architectural requirements, even for PVC windows.

MODERN, CLEAR DESIGN

The flush-fitted appearance creates a puristic and contemporary architecture that is perfect for modern building projects. Yet, the clear, linear design also significantly enhances renovation projects.

BALANCE by GEALAN – CO₂-optimised window profiles



EVEN MORE SUSTAINABLE GEALAN PROFILES

Modern PVC windows provide thermal insulation and so save energy as well as being long-lasting and recyclable. Even the raw materials from which the PVC window profiles are produced are becoming more sustainable: GEALAN window profiles use recyclate in the profile core as standard. Even now, more than 30% of the material used in the profile products are reused – and this percentage is constantly increasing.

BALANCE VERSIONS COMBINE BENEFITS

The BALANCE profile versions now also use bio-attributed PVC in the profile shell. Instead of fossil-based crude oil, this is also created from renewable second-generation biomass, which is not in competition with food production.

GEALAN BALANCE window profiles combine the benefits:

- Increasing proportion of recyclate in the profile core*
- Bio-attributed PVC in the profile shell

enable CO₂-optimised PVC profiles** for windows and doors.

Which means, BALANCE profiles conserve resources and reduce emissions** – with identical performance values and quality.

* The recyclate used is comprised of post-production, post-industrial and post-consumer materials. GEALAN is constantly working to increase the share of recyclate in its profiles with the help of internally developed co- and tri-extrusion tools.

** According to a certified GEALAN PVC supplier, the production of the bio-attributed version saves around 90% of the CO₂ when compared to conventionally produced PVC (as at June 2025; subject to change without notice). The amount saved in the GEALAN profiles depends on the profile geometry used.