

WHY GEALAN...

SYSTEMATIC INNOVATION

Discover the fascinating world of cutting-edge window systems. Get to know GEALAN and be surprised by its innovative product range in this age of digitalization.



With windows and doors made from the latest generation of cutting-edge, high-performance and trendy GEALAN profile systems, you're not just making a statement in terms of appearance. Sophisticated profile geometries worked out down to the smallest detail meet every technical requirement: whether for heat, sound or burglary protection – windows and doors made from GEALAN profile systems are at the cutting edge of technology.

GEALAN

GERMAN INNOVATION MEETS AMERICAN MANUFACTURING



With decades of experience in developing and manufacturing high-quality energy efficient window profiles, GEALAN has earned its place as a leading name in Europe. GEALAN's uPVC profiles for windows and doors are engineered in Germany, produced in Europe, and now manufactured and sold in the US market.

We've been bringing our passion for precision engineering and cutting-edge technology to America.



Premium solutions and more REAL ADDED VALUE FOR EVERYONE

GEALAN manufactures uPVC profiles from which your windows are made. Our profiles incorporate over fifty years of know-how – and loads of innovative technology.

But GEALAN has a whole lot more to offer: we always have our partners' needs in mind and tailor-made solutions at the ready.

Our inspiration – to fascinate people.

Together, we create the frame for the world of windows – innovative, sustainable, customer-oriented.



INNOVATION

At GEALAN, we focus on innovation that offers real added value for everyone involved. We live a culture of innovation, which for us means modern working environments, methods, and processes. We don't do this alone – we also systematically drive innovation together with our industry partners.



DIGITALIZATION

Digitalization is a significant aid to us at GEALAN and is taking place throughout our company and among our customers and partners. We are pressing ahead strongly with new technological approaches and optimizations. Using digital tools and services, we are supporting planners, manufacturers, and distributors.

OUR INSPIRATION – TO FASCINATE PEOPLE



SUSTAINABILITY

At GEALAN, we've always valued sustainable thinking and action, protecting the environment and its natural resources for decades. We live and respect this holistic approach to sustainability across every area of our company. GEALAN is committed to resource-efficient and future-proof materials, products, and procedures, the use of which makes the construction industry more sustainable.



CUSTOMER FOCUS

High-quality uPVC profiles are one thing. The trappings the other. GEALAN combines both: innovative products and systems meet reliable and uncomplicated planning, expert service, and digital solutions. All from a single source. Leaving you to concentrate on the essentials: cutting-edge, technically sophisticated windows, doors, and sliding systems.

UNIQUE SURFACE

GEALAN-acrylcolor

PROVEN AND CONSTANTLY
DEVELOPED FURTHER



GEALAN-acrylcolor profiles have been manufactured using the co-extrusion process since 1980. GEALAN sets a benchmark with this surface technology, because it differs significantly from typical coloring processes. During co-extrusion, the uPVC base body and the high-quality acrylic glass layer are inseparably bonded together.

We've been consistently developing our surface technology for over 40 years. Windows finished with GEALAN-acrylcolor combine aesthetic value with extraordinary durability. Even decades of weathering cannot harm these profiles.

Durable

The inseparable bond between uPVC and PMMA prevents flaking and chipping of the color.

Scratch-resistant

Higher resistance than most construction elements thanks to the hard, impervious acrylic layer.

Weather-resistant

Withstands even extreme climatic conditions for decades without any problems.

Lightfast

Colorfast and lightfast, even when exposed to intense sunlight for decades.

Stronger

Thicker than any layer of paint – so there's enough material left over to polish out small scratches.

Resistant to dirt

Non-porous surface with an elegant brush effect remains resistant to dirt over the long term.

Colorful variety

ATTRACTIVE AND VERSATILE DECORATIVE FOILS



uPVC windows in a decorative wood and monochrome look are also available for those who appreciate a natural appearance without sacrificing the benefits of modern window technology. GEALAN offers an extensive range of decorative foils with different surface designs:

- + classic grained
- + matte
- + smooth
- + the real-wood look of the RealWood foil range



GEALAN DECORATIVE FOIL RANGE



ATTRACTIVE DECORATIVE AND MONOCHROME FOILS

Attractive decorative wood or monochrome foils are available for the windows of your choice: either foiled on the outside with a traditional white surface on the inside or foiled on both sides for a particularly premium look. Choose from a wide range of surface finishes to suit you and your home.

FOR ALL REQUIREMENTS

If you wish to take advantage of the outstanding properties of GEALAN-acrylcolor surface technology on the outside of your home, you can design the insides of your windows to match using decorative foil. With double-sided foiling, different decors are possible on the outside and inside. The outside of the windows matches the facade – on the inside, the window look is guided by the furnishing style. This opens an almost unlimited selection of possible combinations for all requirements.



NATURAL APPEARANCE



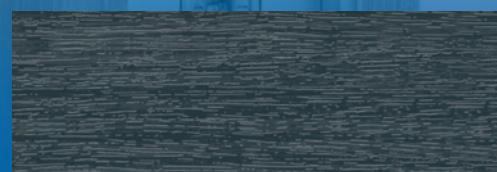
MATTE FOILS

Matte decorative foils give uPVC windows a particularly high-quality look and elegant appearance.



SMOOTH FOILS

Smooth decorative foils provide a contemporary window look and keep the surface easy to clean at all times.



GRAINED FOILS

Whether for renovation or a new build: classic decorative foils and their grained surfaces combine the positive properties of modern uPVC windows with the decorative effect of wood.



REALWOOD

RealWood foils are much less shiny than standard wooden decorative foils. Their attractive embossing gives uPVC windows the natural look of wood, even though these foils aren't made of wood.

GEALAN SYSTEM OVERVIEW

THE RIGHT SOLUTION FOR EVERY NEED

WINDOW AND DOORSYSTEMS

GEALAN-LINEAR

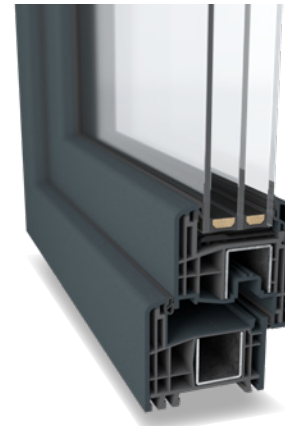
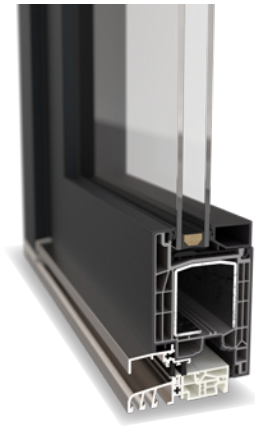
S 8000

WINDOW

DOOR

WINDOW

DOOR



IGU Thickness: From 0.8" to 2.0"
U-Factor: 0.25-0.14 Btu/h-ft²°F*
Max Height: Up to 11' 6"
Max Width: Up to 11' 6"

IGU Thickness: From 0.8" to 2.0"
U-Factor: 0.25-0.14 Btu/h-ft²°F*
Max Height: Up to 7' 8"
Max Width: Up to 3' 10"

IGU Thickness: From 0.8" to 2.0"
U-Factor: 0.27 - 0.16 Btu/h-ft²°F*
Max Height: Up to 11' 6"
Max Width: Up to 11' 6"

IGU Thickness: From 0.8" to 2.0"
U-Factor: 0.27 - 0.16 Btu/h-ft²°F*
Max Height: Up to 7' 8"
Max Width: Up to 3' 10"

* U-factor is calculated based on standard window and door sizes



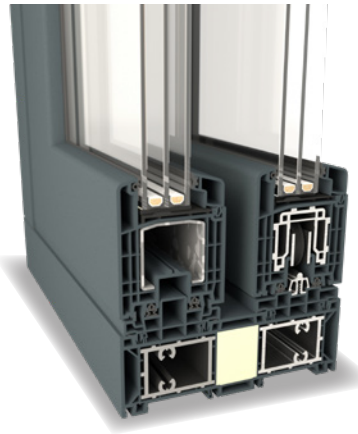
SLIDING SYSTEMS

GEALAN MULTI-SLIDE



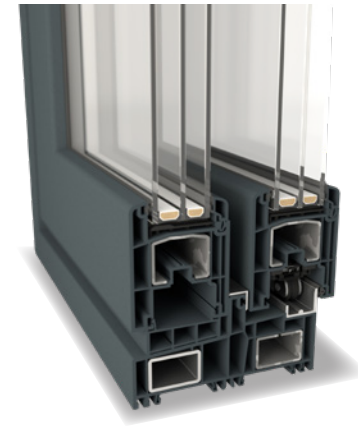
IGU Thickness: From 0.3" to 1.1"
U-Factor: 0.35 - 0.27 Btu/h-ft²°F*
Max Height: Up to 8' 2"
Max Width: Up to 11' 6"

S 9000 LIFT AND SLIDE



IGU Thickness: From 0.9" to 2.3"
U-Factor: 0.23 - 0.15 Btu/h-ft²°F*
Max Height: Up to 9'
Max Width: Up to 21' 4"

GEALAN-SMOOVIO



IGU Thickness: From 0.8" to 2.0"
U-Factor: 0.23 - 0.16 Btu/h-ft²°F*
Max Height: Up to 8'
Max Width: Up to 13' 1"

GEALAN-LINEAR

IN A CLASS OF ITS OWN

GEALAN-LINEAR's modern design gets top marks: clear-cut, linear, and no frills. It allows lots of light to enter your interior spaces. Furthermore, GEALAN's all-rounder has everything that architects, window manufacturers, builders, and renovators expect from a contemporary and reliable system.

TRENDY AND CLASSIC

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 contribute to open and calmly designed facades.

HIGHLIGHTS:

- + Modern, linear design with an aluminium-like appearance
- + Narrow visible widths for more light in the interior
- + High stability thanks to steel stiffeners
- + Solutions for windows, French doors and front doors
- + 90-degree angular look on the outside and inside
- + Perfect for renovations, refurbishments and new buildings – stable in value and durable
- + Extensive decorative foil programme, from smooth to ultra-matt decors
- + RealWood – decorative wood foils for a customised look and feel
- + Sustainable thanks to a recycled core



GEALAN-LINEAR is suitable to a wide range of building projects, especially in the renovation sector. The universal sash rebate is integrated throughout all window sashes and enables either traditional blocking, bonding using STV or production-optimised wet bonding.

LINEAR DESIGN LANGUAGE

The system is based on a consistent, distinct design language that is currently setting the tone in the architectural world. The angular design gives the frame an aluminum look, giving it a high-class aesthetic. 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.



A DISTINCT DESIGN LANGUAGE IN ITS DESIGN

Technically sophisticated and easy to process

GEALAN's all-rounder isn't just contemporary in its angular, linear design. GEALAN-LINEAR also impresses with technical details that guarantee outstanding impermeability, thermal insulation, and both sound and burglary protection. This is made possible by its three continuous sealing levels. The design of its third, central sealing level is innovative. GEALAN-LINEAR thus comes as a high-performance central sealing system. Despite all its technical finesse, GEALAN-LINEAR remains easy to process at all times and also has universal applications.

OUTSTANDING STATIC VALUES



S 8000

FOR THE PERFECT LIVING AMBIENCE

When designing this rebate seal system with its installation depth of 3", the focus was on economy and optimising materials – so as to ensure that fabrication remained straightforward and cost-efficient for window manufacturers.

WHETHER CLASSIC OR DESIGN-ORIENTED:

The glazing bead on the room-side is the cherry on top of this window, and the wide range of options leaves nothing to be desired.



3" INSTALLATION DEPTH

Ensure excellent thermal and sound insulation

FIVE AND SIX-CHAMBER OPTIONS

In frames and sashes

LARGE MAIN CHAMBER

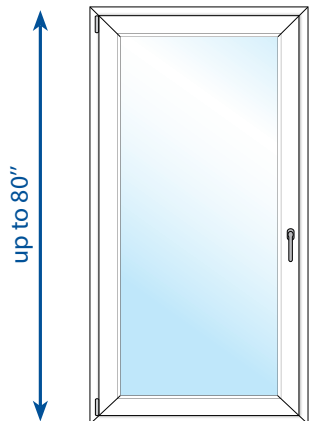
For holding large steel stiffeners

UNIFORM STEEL CROSS-SECTIONS

For frames, sashes, and mullions

AVAILABLE IN A WIDE RANGE OF COLORS

Available in GEALAN-acrylcolor colors as well as in a number of wooden and decorative foils



LARGE WINDOW ELEMENTS THROUGH STABLE PROFILES

- + Particular attention was paid to profile stability during the development of the S 8000 system. The dimensioning of the main chamber to accommodate the steel stiffener in the five-chamber profiles was correspondingly large.
- + With large windows, significant forces act on the window elements. Sturdy steel stiffeners ensure high flexural strength and enable the construction of large windows.

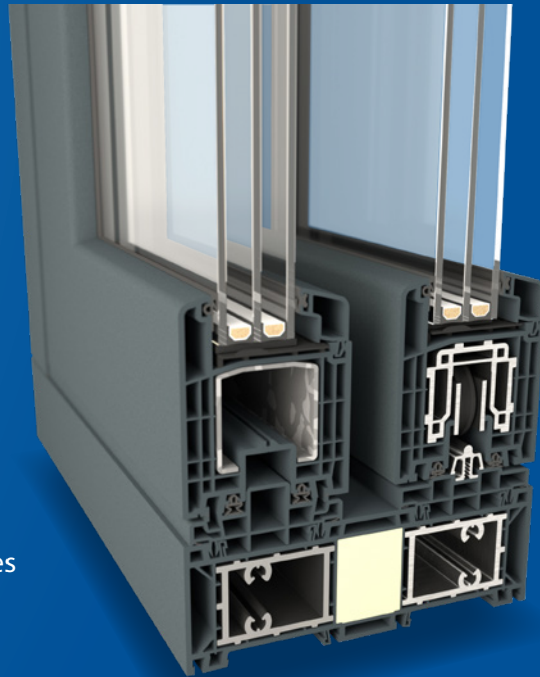
FLEXIBLE MULTI-CHAMBER DESIGN

Profiles from the S 8000 system are available with five or six chambers. Both versions are optionally available in a surface-mounted or semi-surface-mounted version with differing glazing bead designs.

S 9000 lift-slide door

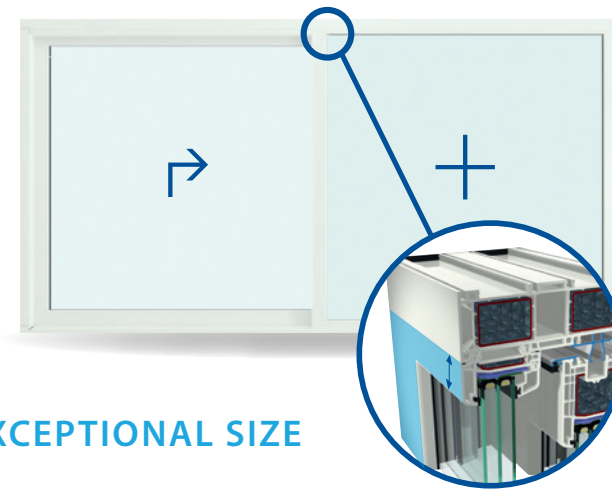
BENEFITS IN EVERY AREA

Sliding elements are a classic stylistic feature in modern living, with generously designed glass surfaces conveying a sense of comfort and elegance. The S 9000 lift-slide door from GEALAN more than meets these requirements, both visually and functionally.



- + Efficient
- + Design-oriented
- + Top thermal insulation values
- + Versatile
- + GEALAN-acrylcolor

Even in its basic version, the S 9000 lift and slide door achieves a very good thermal insulation. Another system advantage is the possibility of triple glazing up to 2 inches thickness.



EXCEPTIONAL SIZE

GEALAN's S 9000 lift and slide door can be produced in sizes up to 240 x 105 inches, allowing for expansive and impressive door designs. Its almost threshold-free floor connection ensures a seamless transition between indoor and outdoor spaces, enhancing accessibility and visual continuity.

EXCEPTIONAL LIGHT

In the S 9000 lift and slide door, the usual leaf in the fixed panel is replaced by a narrower glazing profile. This step reduces the profile visible width in the fixed panel by over 50 %. Whether the door is open or closed is irrelevant here. In any case, lots of light can enter the room interior. Its almost threshold-free floor connection also removes the separation between inside and outside. And with this technology, the large door elements can easily and comfortably be moved.

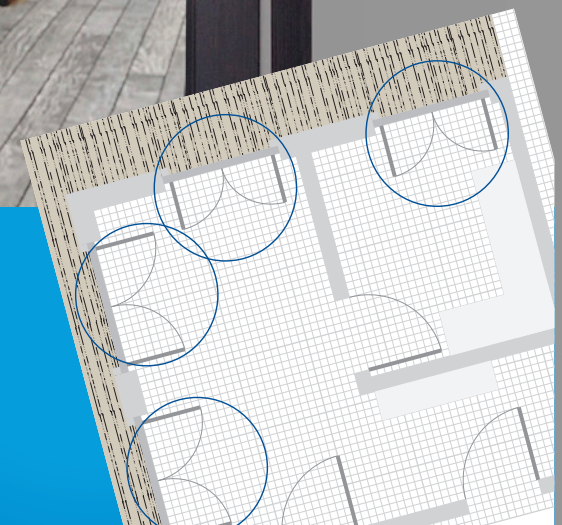


A MODERN APPEARANCE WITH NO LIMITATIONS



EASILY ACHIEVE MORE SPACE

Sliding elements offer great potential for creating invaluable free spaces.



GEALAN-SMOOVIO

A NEW GENERATION OF SLIDING ELEMENTS

RELAXED SLIDING – IMPERMEABLE CLOSURE

In the past, sliding windows were often characterised by low impermeability. With the GEALAN-SMOOVIO system, that's now a thing of the past thanks to its sophisticated locking mechanism.

SAVES SPACE AND OPENS UP THE ROOM

Sliding elements provide a significant advantage for the living space, as there is no need to account for a swivel range for door and window sashes. This means that the living space right in front of the window can also be utilized.



For the first time, GEALAN-SMOOVIO combines the space-saving comfort of sliding solutions with extraordinary impermeability. This is made possible by the interaction between newly developed hardware components, innovative profile geometry, and optimized seals.

Gapless, circumferential sealing levels ensure excellent sealing against external influences when closed.

PREMIUM COMPONENTS

Intelligent components perform their job in secret. Special roller systems and an extraordinary locking system ensure smooth operation and high impermeability.



GEALAN Multi-Slide

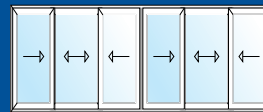
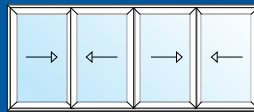
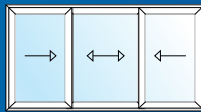
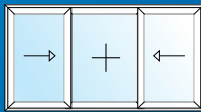
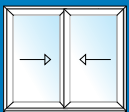
WHERE STYLE
MEETS FUNCTIONALITY



The GEALAN Multi-Slide sliding door system combines sleek design with easy functionality, offering stunning views and unparalleled convenience. With these innovative doors, you can experience the freedom to enjoy your outdoor space while maintaining a modern and stylish aesthetic.



OPENING OPTIONS*:



*Further opening variants are also possible





EXPLORE THE VERSATILITY OF OPENING CONFIGURATIONS

The GEALAN Multi-Slide system offers various opening configurations, each designed to provide a unique combination of style and functionality.



REIMAGINE YOUR LIVING SPACE

Imagine stepping through wide-open doors that seamlessly connect your living area to the beauty of your outdoor oasis. The GEALAN Multi-Slide sliding door system makes this dream a reality, creating a stunning transition between the indoor and outdoor worlds.

DIGITAL SUPPORT

MOUNTING

The module licence 'Mounting' makes it possible to correctly configure the load transfer for the building structure according to DIN 18008. The final window design is statically analysed based on the installation location, installation situation and the position in the building. The static predimensioning of the fastening points, as well as an output of the forces per fastening point, serve as a technical specification for fastening suppliers. Dowels, window screws, etc. can then be designed individually and precisely.

DECLARATION OF PERFORMANCE AND CE MARKING

With the module licence 'Declaration of performance', the declaration of performance and the CE marking are generated based on the building specifications. At the same time, the required values are matched with the performance characteristics of the construction designs. This gives users a comprehensive overview of their positions.



Planersoftware 3.0

THE PERFECT PLANNING TOOL

With Planersoftware 3.0, GEALAN takes the technical planning of windows and doors to the next level: From the selection of profiles to the design of complete elements (in 2D and 3D), all planning steps can now be performed online to save time.

SOUND

With the module licence 'Sound assessment', the sound insulation of each window can be individually analyzed and assessed – depending on the selected glass and window system.

All sound-relevant variants (e.g. French casement windows, fixed glazing) as well as accessories (e.g. doubling elements, thresholds) are included in the assessment.

STRUCTURAL PERFORMANCE

Our module provides a comprehensive analyzes of window structural performance, enabling you to determine the optimal maximum sizes for your windows. It guides you on the best construction methods to ensure durability and evaluates the wind loads your windows can withstand. With this module, you can confidently design windows that are both safe and robust, meeting all necessary structural requirements.

HIGHLIGHTS:

- + Complete recording of all GEALAN profile systems with all technical specifications up to date
- + Easy configuration of complete elements in 2D and 3D
- + Effortless addition of couplings and secondary profiles
- + Detailed recording of the building structure connection
- + Calculation of U-Factor and isothermal curves
- + Static dimensioning
- + Comparison of planned elements with the technical regulations (e.g. sash sizes)
- + Practical output formats (.dwg, .dxf, .docx, .pdf)
- + Project function featuring digital data exchange and simple creation of quotations and service specifications

TIMELY PLANNING

Gold solution

GEALAN's Building Information Modelling data offering has won over the jury at the renowned ARCHITECTS' DARLING award a number of times and received a gold medal as Germany's best construction industry solution.



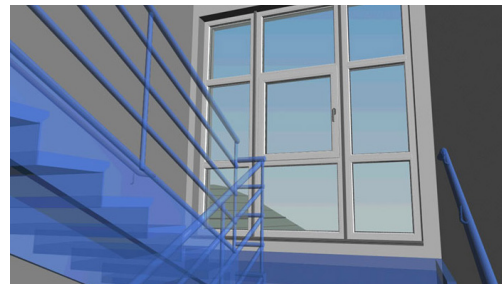
Free download of GEALAN BIM data

Find our BIM data for windows, doors and sliding doors at www.bimobject.com, ready for your planning!

BIM – Building Information Modelling

THE PLANNING METHOD OF THE FUTURE

Building and planning using BIM 3D data enables a holistic approach to construction projects. As a system provider of uPVC profiles for windows and doors, GEALAN is actively involved in the planning method of the future. The aim is to implement digital manufacturer information in a practical way to drive digital processes for planners, fabricators, product manufacturers, and building operators.



SOLUTIONS BY GEALAN

Use plug-ins and add-ons

Architects and builders can generate the updated version of Planersoftware 3.0 to create window and door types from GEALAN profile systems in BIM format as desired and use them for free via a Revit plug-in or ArchiCAD add-on.

THIS IS HOW WE SUPPORT YOUR PLANNING

Design according to your wishes

GEALAN' Planersoftware 3.0 makes it possible to manufacture windows and doors in BIM format – entirely based on your requirements. Here you can select from predefined elements or window and door shapes created in-house.

BENEFIT FROM THESE ADVANTAGES

Save time

Planning security

- + Checking the technical feasibility – automatic U-Factor and isotherm calculation

Qualitative BIM data

- + BIM data including high-quality standards for LOG and LOI

Breaking new ground with DBS

PROCESS EFFICIENCY ON THE CONSTRUCTION SITE

DBS | WinDo Imaging



WINDOW VISUALIZATION IN NEW DIMENSIONS

Augmented reality

- + Sales support via 3D visualization
- + A digital customer experience for a better idea of the products
- + Adapt to your own facades or brickwork
- + User-defined templates

Virtual reality

- + Experience structural elements in future buildings in a virtual showroom
- + Experience windows and doors virtually in your desired color palette
- + Complete freedom of movement in the chosen environment
- + Experience products virtually from the desired perspective

DBS | WinDo Experts



CORE PROCESSES AND DATA UNDER CONTROL AT ALL TIMES

Planning software

- + Always comprehensive and up-to-date master profile data
- + Master data may also be used at several locations
- + No risk of disruptions to production or downtime – automatic updates are implemented without overwriting individual information
- + Automatic price updates for profile purchasing prices
- + Master data may also be used as a basis for procurement – transmission of reliable order quantities, product numbers, features, purchasing prices, and materials management possible

DBS | WinDo Flow



THE WINDOW WITH A DIGITAL PERSPECTIVE

Warranty cases, complaints, and repairs take up a great deal of time and qualified resources. DBS WinDo Flow enables important process steps to be shortened and appropriate follow-up offers to be communicated more quickly. Just a few simple clicks and your customer can easily communicate the status of their window systems.

NFC-Chip in the window profile

- + All of the details regarding the installed object digitally and centrally in one place

'MontageProfi' app

- + Digital documentation, management, and acceptance of installation work

'FensterPass' app

- + Simple and fast service requests via app for end customers

You can find more information at:
<https://digitalbuilding.solutions>



DIGITAL TOOLS



FURTHER AND ADVANCED TRAINING



GEALAN ACADEMY

SEMINARS AND TRAININGS FOR YOU

In our fast-paced society, further training and development are more crucial than ever for a modern company's success. That's why investing in your staff's expertise is an investment in your company's future.

Targeted training to increase your staff's qualifications is thus one of the most important approaches to ensuring the long-term success of your company, even in a difficult market environment.

The GEALAN ACADEMY offers intriguing specialist seminars on all window-related subjects, as well as business support in your area.

FURTHER TRAINING – ON-SITE OR VIRTUAL

The GEALAN ACADEMY adds to your knowledge with content that is relevant and taught by expert lecturers who speak your language.

Building law, building physics, window installation, digital topics of the future such as smart home or BIM – the GEALAN ACADEMY conveys all content in an understandable and practical fashion.

In addition to on-site seminars at selected training locations and the opportunity to train directly with our partners, we are continuing to expand our successful webinar series.



The GEALAN ACADEMY's new training room
at our European headquarter site.



Always at your side

OUR CONCEPT – YOUR ADDED VALUE

PRECISE INFORMATION FOR WINDOW MANUFACTURERS

We at GEALAN support window manufacturers with comprehensive services so that you can inform interested parties and end customers quickly and specifically about special window properties. As a GEALAN partner, you'll find product information, helpful tools, information on subsidies, sales guides and marketing materials in the download area of our website.

SYSTEMATIC IMPLEMENTATION

Are you a window manufacturer and interested in switching to our GEALAN systems? Get in touch with us! Together, we'll develop a plan and provide support in its efficient implementation.

NEW STARTER

Want to start a windows manufacturing business? Get in touch with us: We will help you establish manufacturing and educate you on how to sell and produce windows.



... THAT'S WHY GEALAN

www.gealanwindows.com