

*Windows
designed for you*



PVC Window Catalogue



For many years we have specialised in the production of windows and doors made using PVC technology, aluminium, and wood

It's our aim to supply products which meet the highest quality standards, and also the expectations of every one of our customers. A home is an important place in every person's life. We all spend the majority of our free time in the home, relaxing in the peace and quiet of a pleasant and properly lit interior. It's for this reason that we make every effort to ensure that our products satisfy the most demanding tastes. STOLLAR windows guarantee a high level of comfort and change every home into a space which is full of light, warmth and elegance.

STOLLAR is a leading European producer of PVC as well as wooden and aluminium profile windows.

We are constantly improving our products and services for our customers, as shown by our numerous tests and technical laboratory certificates. Our company's products have CE labeling, ensuring that they meet norms and standards set by European Union directives. These confirm the high standard and quality of our products, and give customers a sense of security.



15 years of experience



up to 2000 windows daily



more than 250 employees

PVC Profile Technology

The technology of pressing profiles from hard PVC has been developing for the last 30 years. Polyvinyl chloride is an exceptionally durable and long-lasting material. Thanks to this, windows made from this material work reliably for many years. PVC is resistant to mechanical damage and atmospheric factors, such as rain, frost, wind, UV radiation, and changing temperatures. Additionally, it has excellent heat-retention qualities and ensures optimal acoustic insulation. Windows made of PVC do not change their shape or color with time and are easy to maintain.

Thanks to the ease with which they can be made in practically every shape, they are a perfect complement for modern and traditional architecture. In 2007, the STOLLAR company bought an ultra-modern and fully automated production line, which guarantees high quality PVC window frames.



PVC Windows

Modern PVC windows can be used in practically every type of building

Those who value comfort, functionality, and safety have for years chosen modern PVC windows from STOLLAR. Our customers have confirmed their durability, especially in terms of their resistance to atmospheric factors and their stability. PVC windows also save time, as they do not require complicated maintenance, and because of their wide colour range they can be matched to every interior. Their heat retention qualities mean that they are comfortable and economical in use, but also that they are environmentally friendly. They retain valuable heat in the home due to their multi-chambered structure and profile width of as much as 85 mm. Additionally, proper glazing enhances their acoustic properties, which in turn enhances users' quality of our life.

Because we care about our customers, we have thoroughly tested our windows. An Authorised Monitoring Institute has confirmed that our GEALAN profiles guarantee professional anti-burglar protection. The safety of the family while still maintaining an appealing appearance is of the greatest importance. Connoisseurs of modern architecture understand this perfectly, and pay particular attention to aesthetics and high quality when it comes to heat retention, acoustic insulation, and anti-burglar protection.

Technically advanced GEALAN profile windows offered by STOLLAR are perfectly suited to meet the needs of modern building. They are also a perfect choice for individualists who desire windows with unique shapes or colours. With STOLLAR, modern technology also means modern design, which allows customers to choose windows to match their favourite architectural styles while still maintaining high standards. STOLLAR is a company which satisfies the tastes of the most demanding customers.



windproof



soundproof



acrycolor



safety



waterproof



thermal conductivity factor

Characteristics

- 1 Excellent thermal insulation thanks to six chambers in the frame and leaf
- 2 Highly static steel elements in the frame and leaf
- 3 Easy care thanks to large and smooth surfaces
- 4 Choice of flush design with flat leaf, or semi-recessed design with a rounded leaf with rounded bead



Gealan 8000

The S 8000 IQ profile system is a new product with a width of 74 mm which meets all the requirements of modern window technology. It has remarkable heat retention qualities thanks to its six-chamber construction. It efficiently blocks out noise, guaranteeing a feeling of safety and comfort of use. This system is also highly static, due to the large steel construction elements used in the frame and leaf. The wide range of colours available enable countless variations.

To prevent the formation of mould, additional ventilation systems can be installed on demand. It is easy to care for thanks to its large and smooth surfaces. Its very good heat retention properties help not only to reduce heating costs, but also to actively reduce CO2 emissions. The profile has a classic shape with rounded edges. Its optimal design conserves the use of raw materials, simultaneously helping to protect the natural environment.



RAL 7016

Gealan 8000 Renovation

GEALAN offers a system for use in historic houses without the need to remove wooden casings. Thanks to this feature, damage to the facade can be avoided during installation. The six-chamber system allows triple-paned glazing to be used, which ensures very good thermal insulation properties and effectively blocks noise.

The width of Renovation frames is 74 mm, allowing all available GEALAN S 8000 leaves to be installed. The system includes a specially constructed masking profile which creates a moulding around the exterior and interior sides of the window.

When renovating historic buildings, durability, ease of maintenance, and architectural assets are highly valued. The rich colour palette of this system allows practically limitless variation. Ease of maintenance is ensured by large and smooth surfaces.



Gealan 8000 +

The S 8000 IQ Plus System is a unique product with a width of 83 mm. Thanks to its six-chambered construction, it has very good thermal insulation properties (with a U-value of **Uw = 1.3 W/m²K** with standard steel construction elements) and blocks out noise, helping to lower heating costs.

Its substantial width guarantees corner durability, in turn increasing the stability of the window. Thanks to the large steel construction elements used and the additional triple-paned glazing, the system is highly static. It is accentuated by its remarkable shape, including rounded casings, glazing beads, and leaf. The smooth interior surface of the casing does not have edges, preventing dust from accumulating. Moreover, optional ventilation systems prevent the formation of mould around the window.

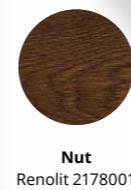


Gealan 9000

The carefully designed details of the Kombisystem S 9000 result in an outstanding U-value of **Uw = 0.96 W/m²K**. The six-chambered construction of the frame and leaf guarantee high thermal and acoustic insulation properties. The steel used in the construction ensures the required levels of stability and results in a highly uniform structure. The intelligent placement of the gaskets in three planes increases thermal insulation properties.

The deeper placement of the window pane, thanks to a raised glazing bead of 26 mm and a higher raised face, eliminates the appearance of thermal bridges at the edge of the pane and increases heat retention. An additional gasket in the pane socket effectively blocks leakage of cold air from the outside and positively affects acoustic insulation.

The intelligent construction of the Kombi creates an elegant and modern window. Low frames and leaves make the creation of fashionably large glazing possible.



Nut
Renolit 2178001

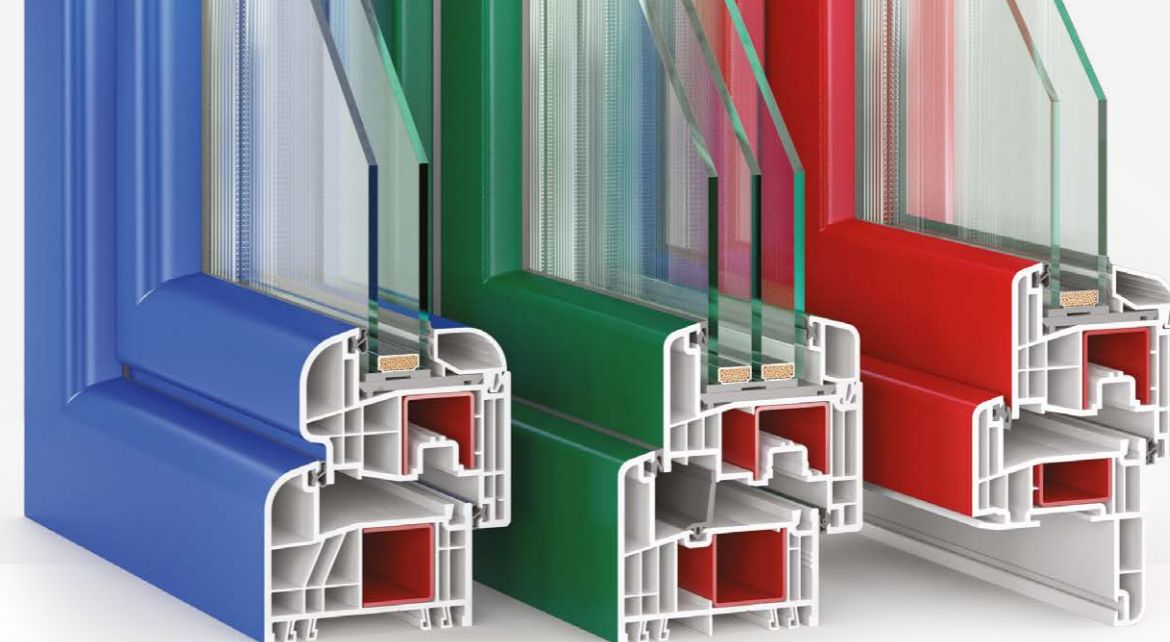


Gealan Door Profile

The Gealan Door Profile was created based on the renowned Gealan 8000 window system.

The cross beams have been designed in such a way as to ensure maximum stability. Thanks to careful placement in the 74 mm profile, it is possible to install steel of as much as 30% greater durability. The steel strengthening elements themselves are pre-routed to ease installation of locks. Special links built into the threshold enable the frame, doors and threshold to be unified into a single closed form.

In order to achieve greater stiffness, entry doors have been fitted with corner braces. The profile itself is suited to all commonly available hardware and locks.



*The picture is for illustration purposes only

Acrylcolor

ACRYLCOLOR windows are special primarily due to their exceptional durability and large range of colours available.

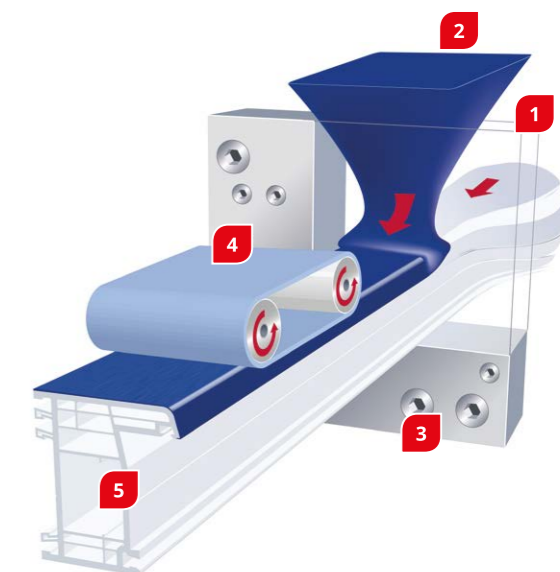
These features are guaranteed by an additional layer of acrylic glass which further protects from atmospheric factors. This unique layer resists dirt and damage, thanks to which daily maintenance is no longer necessary.

Co-extrusion process

- 1 Pouring the uncoloured liquid PVC with an extruder
- 2 Adding colour to the acrylic mass
- 3 The two ingredients are mixed in the co-extruder
- 4 In order to achieve a smooth surface and high clarity of colour, the surface of the profile is polished
- 5 A window made of ACRYLCOLOR has a standard PVC surface on one side, and a coloured acrylic layer on the other

The advantages of ACRYLCOLOR

- Colour matching
- Damage resistance
- Ease of maintenance
- High sheen
- Ecology



Gealan HST

GEALAN has designed a new HST sliding door system based on the S 8000 Q system with a depth of 170 mm. All of our knowledge has been used to design advanced and technically efficient forms from high-strength synthetic materials. An additional aim was to improve thermal insulation properties while still creating a product which offers high value for money and functionality.

This system has resulted in excellent thermal insulation with a U-value of as much as **Uw = 1.4 W/m²K**. Greater stability of the door is ensured by the specially designed walls of the hardware slot, which are highly useful when mounting increasingly heavy pane systems. Sliding HST doors can be installed wherever a light and airy style is desired, without barriers. The large glazed surface allows light to enter the room continuously.





Ideal 4000

The Ideal 4000 is a five-chambered system with a width of 70 mm with an external gasket delivering U-values of as much as **$U_w = 1.4 \text{ W/m}^2\text{K}$** . The solid construction of its 70 mm profile and its large chambers mounted on steel strengtheners ensure adequate stability in large format windows. The profiles are even more burglarproof thanks to the placement of the hardware groove 13 mm from the edge of the frame.

Thermal and acoustic insulation is ensured by the multi-chamber construction, while innovative and harmonious design based on a rich variety of options allows the creation of individual compositions. For those who desire something special, the Round-Line series was created, featuring delicate optics and gentle curves. Thanks to these features, the windows ideally suit modern interiors.



Ideal 4000 Renovation

The Ideal 4000 Renovation system is a dedicated solution intended for the installation of windows without the need to remove old casings. The replacement procedure makes use of special frames which feature a so-called masking profile. This consists of a wooden frame and creates a specific cover on the exterior side of the window. Masking profiles in the frames are available in various widths. These can also be cut as necessary.

In this case the frames are shortened so that when mounted on old existing frames the glazed surface need not be limited.

This renovation system allows the risks associated with damage to the facade of an older building during installation of windows to be minimized and speeds up the process. At the same time, certain finishing works become unnecessary, including touch up of plaster or painting.



Birch



Ideal 7000

The Ideal 7000 series was created for energy-efficient buildings. The six-chambered construction is 85 mm thick, which guarantees high thermal insulation properties. Tests show U-values of as much as **$U_w = 1.3 \text{ W/m}^2\text{K}$** . In tandem with wider and warmer panes of 51 mm, the Ideal 7000 ensures very high thermal insulation properties. The system is designed for those who desire a window with the best properties within its class.



Sliding systems and raised-sliding systems



HST Raised-Sliding Doors

The main advantage of this system is the wide range of sizes, up to 6 m x 2.4 m. The aluminium profile used makes a construction without a threshold possible, increasing comfort in daily use especially for those in wheelchairs or for car salons. The large glazed area allows large amounts of natural light to enter the room, and the construction is durable.

PSK Tilted-Sliding Doors

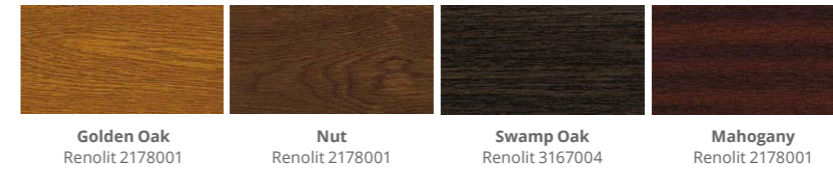
The PSK tilted-sliding door system is based on the reliable Gelean S 8000 IQ window system. It is typically used for terrace and garden entrances. Sliding systems allow for large glazed areas which ensure high levels of natural light. Doors of this type are an excellent and popular alternative for traditional two-leaf balcony doors, as natural light is not sacrificed to the need for closing mechanisms.

Light Sliding Door System

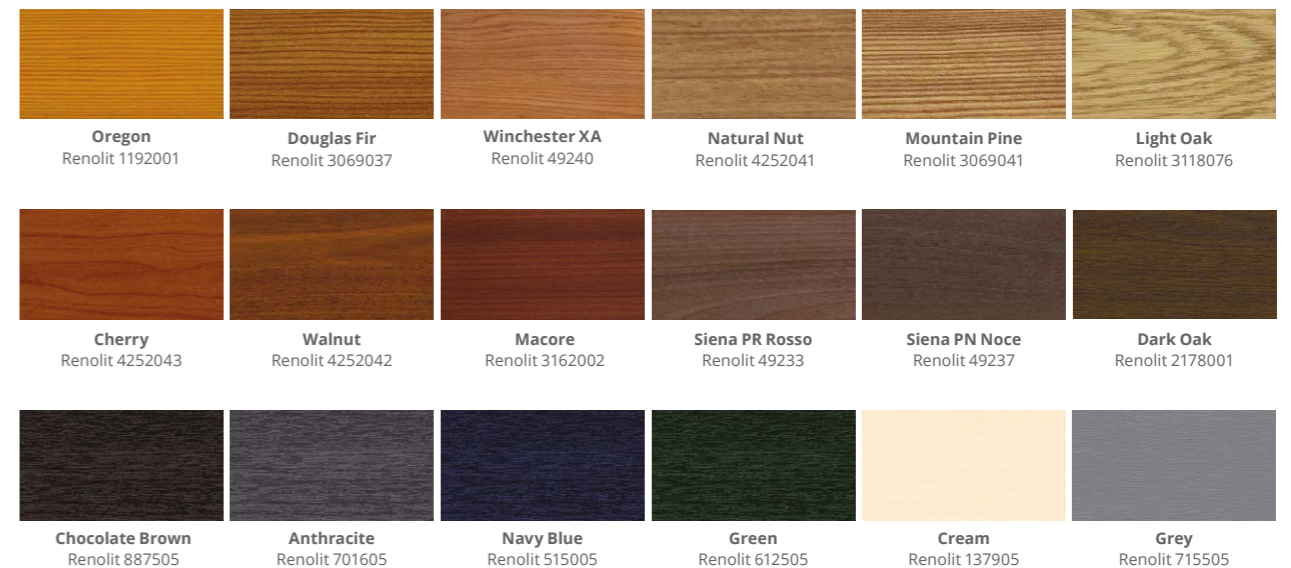
This system was designed mainly for the Southern European market. It comprises two types of leaf and features narrow visible surfaces, which allow the construction of large glazed areas while maintaining high stability. The system is similar in form to other 74 mm Gelean systems.

PVC Window Colours

Group I - Imitation wood



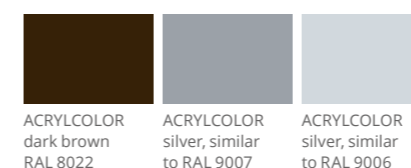
Group II - Imitation wood



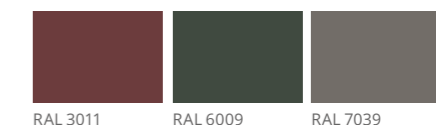
Group III - custom colours

Group IV - RAL colour palette - ACRYLCOLOR

Standard colours



Extra colours for the S 9000 series



Hardware



- | | | |
|----------------------------------|------------------------------------|-------------------------------|
| 1 VSO corner drive/short | 9 Espagnolette 3 | 17 S cover (white) 1 |
| 2 VSO corner drive/SP-S | 10 180° UR finishing | 18 W cover (white) 1 |
| 3 DT catch | 11 Sash lift right/left | 19 KF-12/20-13 2 corner hinge |
| 4 Hinge 7 | 12 Anti-jamming blockade (axle 13) | 20 KF Ø 6 x 24/3 frame hinge |
| 5 Extra short hinge (100/130 kg) | 13 Balcony gearbox | 21 Ø 7 mm bearing pin |
| 6 VSU/BS corner drive | 14 Balcony gearbox collar | 22 EL U cover (white) 1 |
| 7 Turn catch S 56 | 15 KF Ø 6 x 12 DH hinge | 23 KF Ø 6 x 16/36 hinge |
| 8 Tilt catch | 16 Ø 6 hinge pin | 24 EB cover (white) 1 |

Safety for you



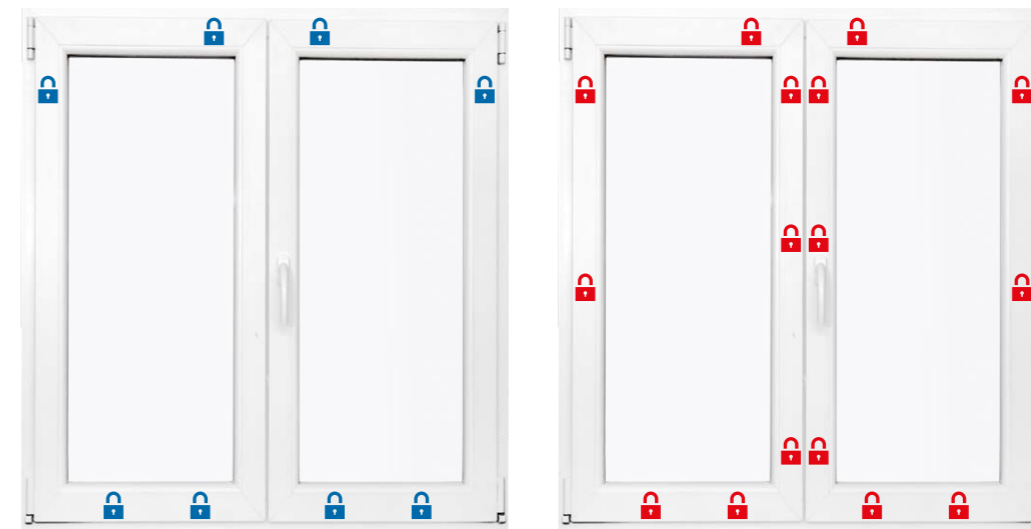
If you care about the safety of your family, only a tested and reliable solution will do. We can provide this thanks to new generation frame elements manufactured by the Siegenia company, ideally suited to our mushroom locking cams.



Remember that windows which are secured from inside:

- can be smoothly and easily tilted, and do not open by themselves
- have hardware which prevents the frame from slipping out of the hinges
- cannot be opened accidentally by a child

Anti-theft hardware



WK1 type

WK2 type*

* The number of anti-theft strikers depends on the construction and size of the window. This example is for a 1465 mm x 1435 mm window.





Accessories

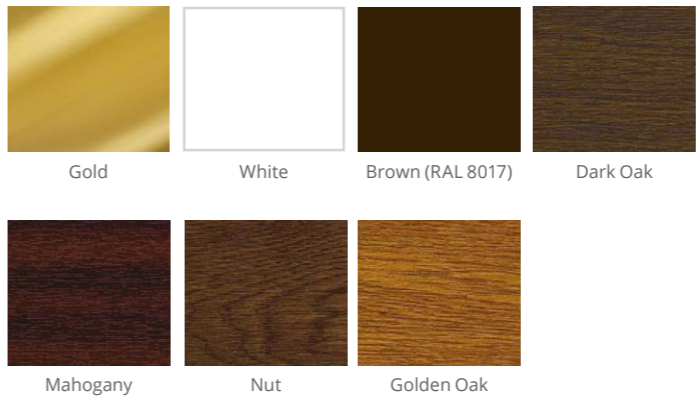
Handle types and colours



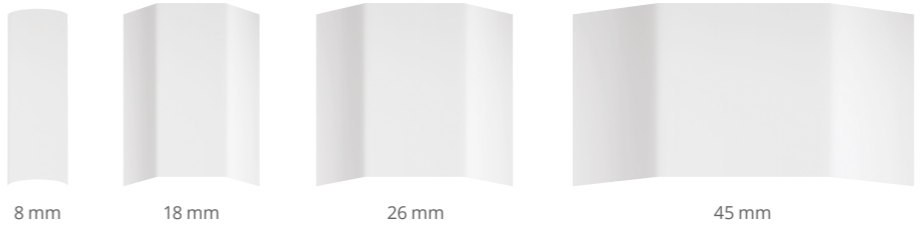
Internal and external windowpane dividers

We offer windowpane dividers both permanently built into the glazing package and the classic style mounted outside the glazing.

Colours



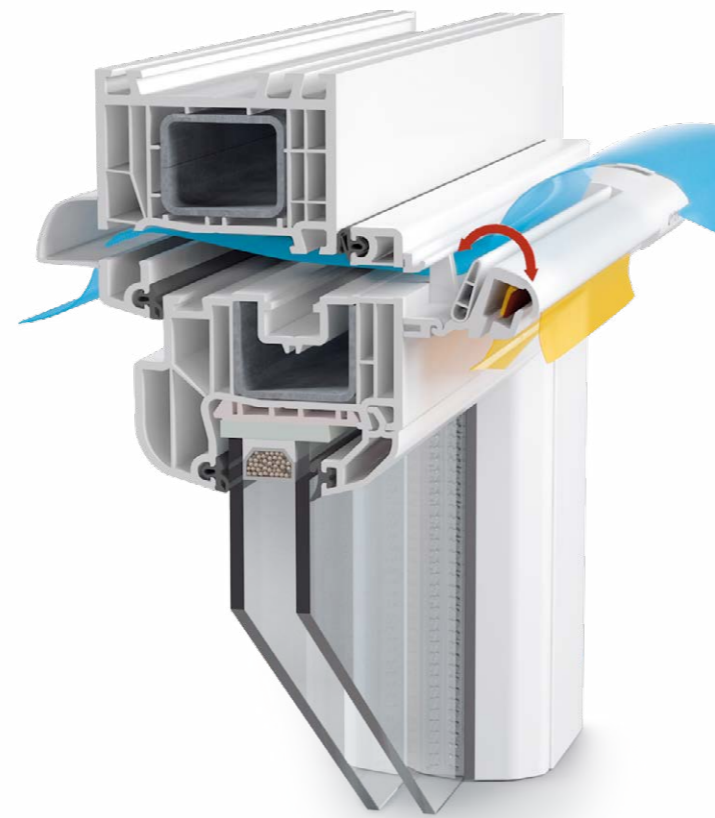
Available widths (1:1 scale)



Ventilation systems

Aereco ventilation

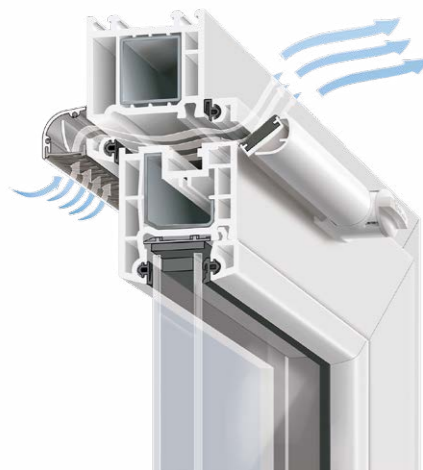
Aereco ventilation helps keep air exchange in rooms matched to current needs. The most important factor in matching the amount of air drawn into and out of rooms is relative humidity. This is directly related to the number of occupants and the type of activities carried out which involve the emission of steam, such as washing, cooking, or bathing. Thanks to hydro-controlled grilles, the Aereco systems allows outside air to be drawn into and out of the room at varying rates. As levels of humidity change, a special polyamide tape lengthens or shortens, in turn changing the permeability of the grilles. As a result, the amount of air flowing through the frame changes.



Ventair II ventilation

Ventair II ventilation ensures the correct flow of fresh air into the room. It is intended for use in rooms fitted with gravitational or mechanical ventilation.

This model features a self-regulating system, thanks to which the amount of air drawn in is stable, regardless of such factors as wind or temperature. This type of ventilation system is mounted in the space between the leaf and frame, in the upper horizontal parts of the window construction. It comprises two elements - an air intake mounted outside and a regulator mounted on the inside of the window. These elements are linked by a gap in the window profile which allows air to flow.



Accessories

Decoration



Chinchilla

Niagara matte

Crepi

Master carre



Bark

Rain

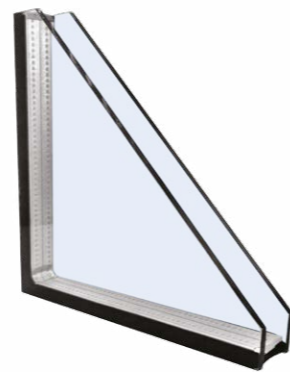
Delta matte

Glazing type



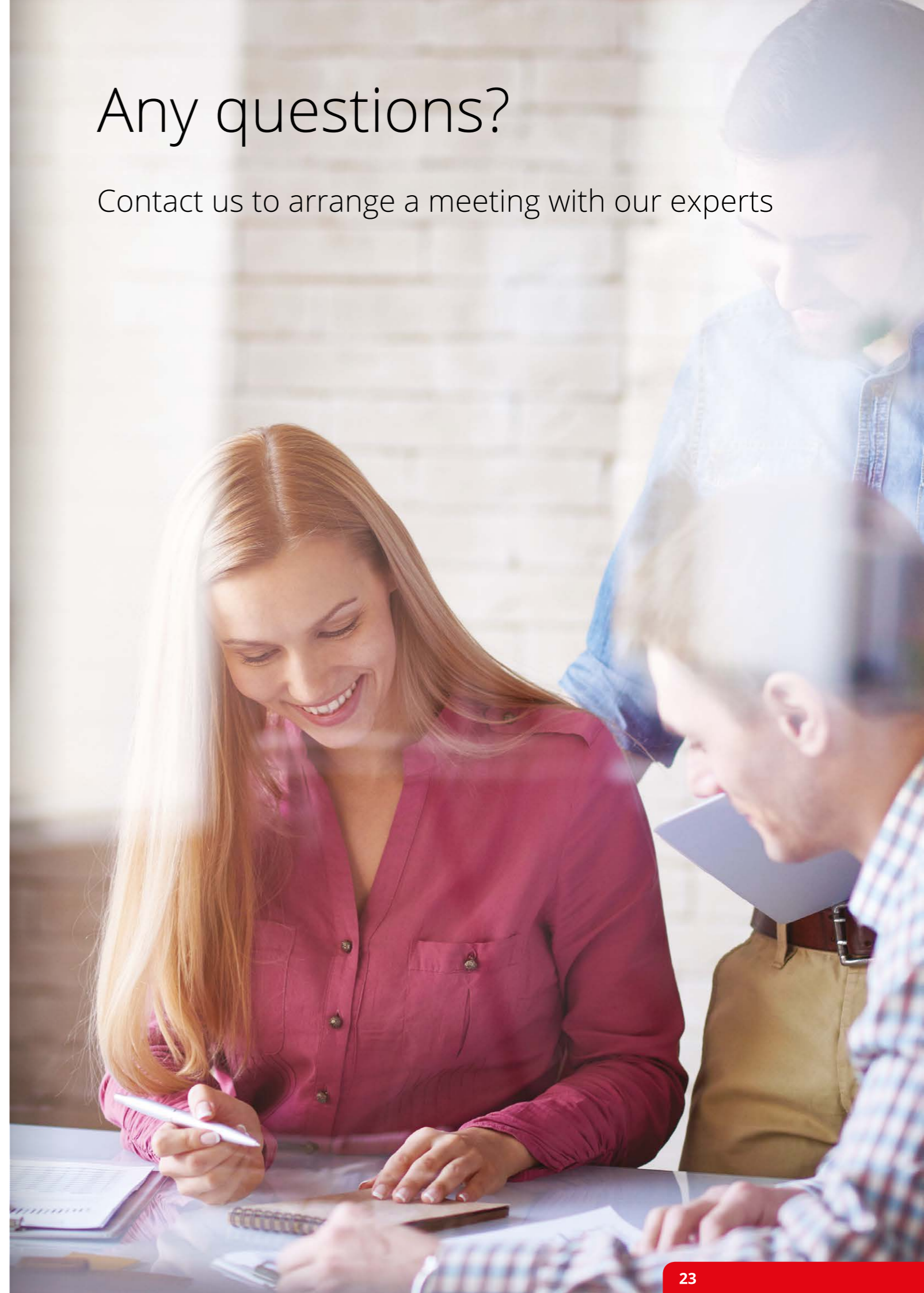
- Double-glazed
- Triple-glazed
- Reflective
- Safety P2 and P4

Other types of glazing are available, adapted to your needs.
We also offer warm-edge TGI frames.



Any questions?

Contact us to arrange a meeting with our experts





It's the quality, shape, size, and colour of the window which determine the look of the interior

The right choice guarantees comfort, luxury, and safety. STOLLAR manufactures products which give you not only comfort, but also a feeling of safety in your own home, without concerns about the durability or functionality of your windows in the future.

Our products have been created with your needs in mind, to give you ground-breaking solutions which will ensure easy and pleasant use of your windows for years to come. STOLLAR offers the best in quality, with exceptional character and adaptability to every interior, be it a flat in a block, a single-family home, or a unique townhouse. We know full well that every interior is a special place, that's why all of our products are created with **exceptional care**.

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