

# S 9000

WINDOW AND DOOR SYSTEM



**0,73**

Uw for Ug = 0.5  
(Ultimate spacer bar)

**3**

gaskets

**6**

chambers (frame)

**82,5**

construction depth  
(mm)

**R**

renovation



glazing with STV  
technology (only in  
windows)



the possibility of using a  
movable post



6 anti-burglary points per  
sash as standard

## S 9000

The best statics, the ability to build large structures without the need to install crossbars, glazing with the use of STV technology, colouring of profiles using acrylcolor - these are just some of the unusual features of the S 9000 system. The security of windows made with the S 9000 system is that there are six anti-burglary points. In addition, it is supplemented with a handle incorrect position blockade.

The STV technology used in this system is something that we do not offer in any other. Pasting the glass panes improves the statics of the entire structure. The process of glazing with this technology and the possible replacement of the glass are easier than in standard windows.

System S 9000 is welded using the V-Perfect technology. Thanks to this, we provide our customers with precisely finished woodwork, because the place of joining the profiles becomes practically invisible.

### S 9000 variants



RENOVATION 65 MM | 35 MM

# GEALAN

					
GEA 01	GEA 02	GEA 03	GEA 04	GEA 07	GEA 08
					
GEA 09	GEA 11	GEA 12	GEA 13	GEA 16	GEA 17
					
GEA 19	GEA 20	GEA 21	GEA 22	GEA 23	GEA 24
					
GEA 25	GEA 27	GEA 28	GEA 30	GEA 31	GEA 32
					
GEA 34	GEA 35	GEA 37	GEA 40	GEA 41	GEA 42
					
GEA 43	GEA 46				

# ACRYLCOLOR

					
DB 703	RAL 7015	RAL 7016	RAL 7039	RAL 7040	RAL 8014
					
RAL 9005	RAL 9016	SILVER			

# WINDOWPANES

The selection of a glazing package is often limited to the selection of the number of panes, which makes them more or less energy-efficient. However, our offer is much wider. We offer energy-saving, sound-absorbing, safe, anti-burglary and anti-dazzle glass panes. Additionally, we have a wide range of ornamental glass, in several dozen designs to choose from.

The inter-pane space of the formed units is usually filled with 90% argon. We also offer krypton-filled glass, thanks to which it is possible to obtain a heat transfer coefficient of up to  $0.3 \text{ W} / \text{m}^2\text{K}$ .

The possibility of joining different types of glass and a smaller or larger number of panes allows for obtaining the appropriate parameters for each type of windows and doors from our offer.

**We present a summary of the basic types of insulating glass with a description of their functions:**



## 1-chamber glazing packages

Single-chamber, double glazing composed of two glass panes. It is a standard for basic window and door systems.



## 2-Double-chamber glazing

Double-chamber, double glazing, increasing thermal comfort in the room. Separation of the inter-pane space with an additional glass pane significantly reduces heat transfer.



## Sound-absorbing

Insulating glass units with a special acoustic foil provide an increased level of soundproofing.



## Secure

Laminated and / or toughened panes increase safety. Their puncture or shatter resistance is adjusted to the customer's requirements.



## Solar control

Panes that reduce the flow of light and solar energy into the room. They are offered with selective, absorbent or reflective glass.



## Fireproof

Single windowpanes, single or double glazed units with fire resistance class EI30 or EI60.

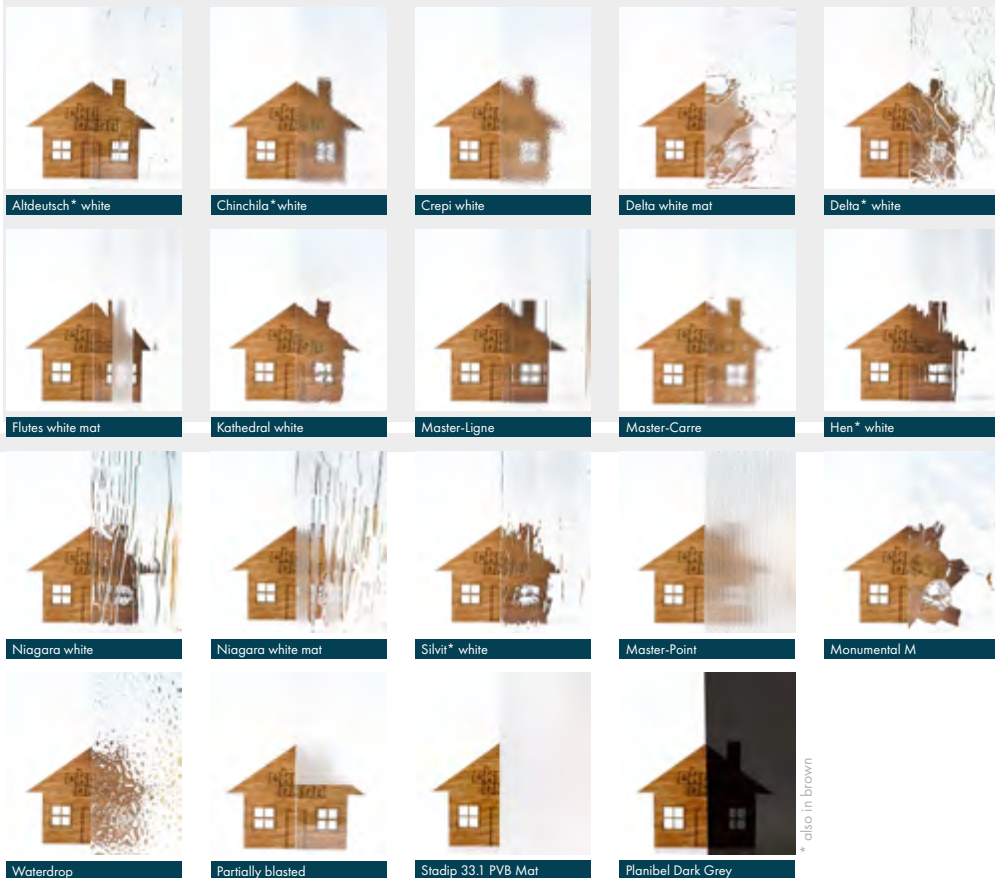


## DECORATIVE WINDOWPANES

Insulating glass with decorative glass is perfect a choice for windows, doors and partitions. Decorative panes will work in homes, offices, shops, hotels and restaurants.

Depending on the chosen pattern, they can not only increase privacy, but also brighten the interior, making it optically larger, which is another advantage.

In addition to standard glass with a matte coating, we also offer ornamental glass with the following patterns:



# MUNTIN BARS

The muntin bars give the windows an elegant and unique character, and in some cases are an indispensable decorative element referring to the old architectural style. Our offer includes both glazing bolections, glued on the glass, and Viennese bolections (the so-called duplex). Each offered type is available in several widths and many colours.

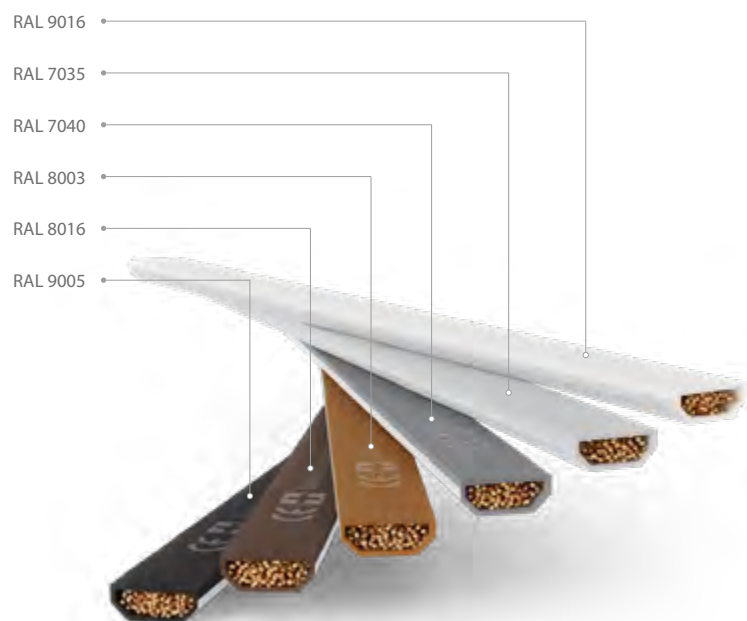


## SPACER BARS SWISSPACER ULTIMATE

In addition to the standard frame made of aluminium, we also offer one of the best warm spacer bars available in the world.

With the Swisspacer Ultimate spacer bar, the  $\Psi$  factor is only  $0.03 \text{ W} / \text{m}^2\text{K}$ . The lower value of this coefficient not only reduces the possibility of water vapor condensation on the periphery of the glass, but also allows for a significant reduction of the thermal transmittance coefficient for the entire window.

The frames are available in several colours from the RAL palette.



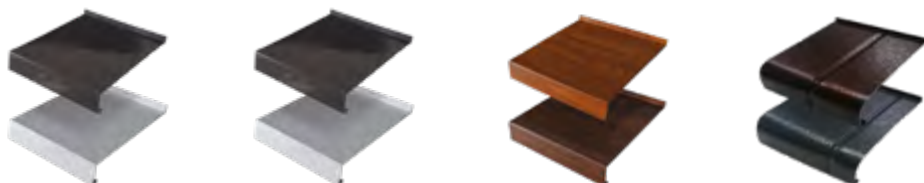
# PVC SYSTEM WINDOW SILLS

System window sills combine aesthetics with the highest quality. Their smooth surfaces are easy to clean, resistant to bumps and scratches. Available in various variants and colours matching the colour of the ordered joinery.



## EXTERNAL WINDOW SILLS

You can choose window sills made of aluminium or steel. They are characterized by very good quality and resistance to weather conditions. They are aesthetic, durable, non-flammable, resistant to moisture and chemicals. Thanks to the drip caps they provide ideal protection for the façade.



## INTERNAL CHAMBER WINDOW SILLS

They are made of hard polyvinyl chloride, the same that is used in the production of PVC windows and doors. Coated with foil with high resistance to scratching and UV rays. The chamber structure ensures the rigidity of the structure. Window sills are available in many colours.



## WINDOW AIR VENTS

Ventilators provide not only constant access of fresh air to the interior, but also allow the removal of moisture from the room. It is a convenient way to ventilate rooms without having to open windows, which is especially important in winter. Diffusers are mounted in the shaft rebate, on the upper frame and sash profiles or under the seal.

We offer diffusers with various methods of air supply control - hygroscopic, pressure and manual.

Each diffuser from our offer has appropriate certificates confirming their proper operation in various conditions.





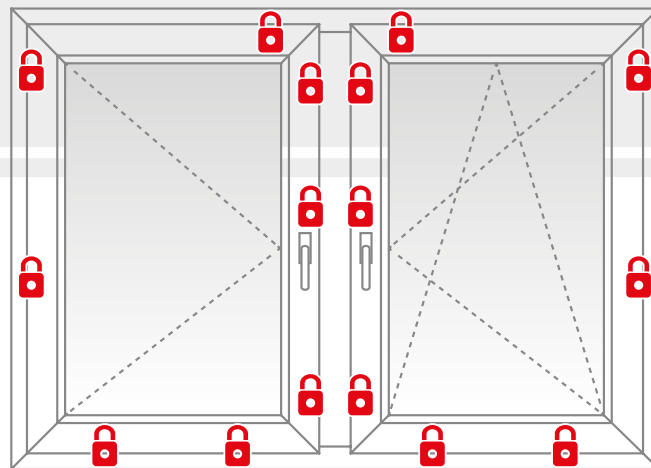
## ANTI-THEFT FITTINGS

Clients, who above all value their own and their closest safety, we can assure that by choosing a PVC window in one of the presented systems, the safety comfort will always be on a proper level.

Depending on the chosen system, in standard there are from 2 up to 5 safety points. Special plug and hooks located in specific spots make it very difficult to force the door during a burglary attempt.

For people who want to keep the safety comfort even on a higher level, we also offer fittings with increased durability which is characterized by an increased amount of safety points.

In order to provide a maximum safety for the entire window, we also recommend choosing handles with blockade function in the closed position and glued, safe glass. Those options partially provide a maximum protection by creating a tight barrier for any burglars.



The number of anti-burglary points depends on the structure and dimensions of the window.

# DOOR HANDLES

HANDLE **ALU**



HANDLE **KWADRO**



HANDLE **NEW YORK**



HANDLE **DUBLIN/DUBLIN DE LUXE**



HANDLE TBT **1005A**



HANDLE **HAMBURG**



HANDLE **MOONLINE**



HANDLE **VICTORY**



HANDLE **TOULON**



HANDLE **OVERTURE LOCK**



HANDLE **LUXEMBOURG**



HANDLE **ATLANTA**



HANDLE **PLUTON**



HANDLE **JOWISZ**



HANDLE **INOX 1200**



HANDLE **NEW YORK**



The availability of a given handle model depends on the selected window system.