

S 9000 tilt/slide doors



- + Powerful
- + Design-oriented
- + Versatile
- + Energy-saving

S 9000

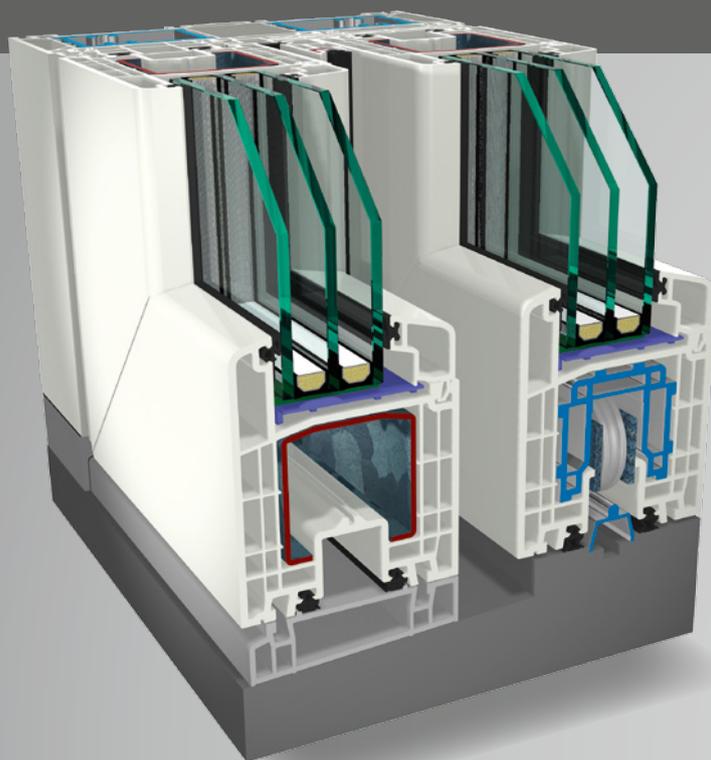
SYSTEMATIC INNOVATION

 **GEALAN**

The all-rounder

State-of-the-art visual appearance without limitations

Sliding elements constitute a classic stylistic element of state-of-the-art living where generously designed glass surfaces convey complacency and elegance. GEALAN's new S 9000 tilt/slide door exceeds these requirements from a visual and functional point of view.



U_f up to
0.95
W/m²K

Outstanding thermal insulation values

in modular design up to U_f 0.95W/m²K and therefore passive house standard. Additionally, state-of-the-art triple glazing windows up to a thickness of 52mm (STV® 54mm) can be used without any problems with the new system



Design-oriented

with state-of-the-art design, narrower wing, and innovative glazing profile for a higher share of glass in the stationary field

82.5
mm

Versatility

through different design options and numerous opening schemes that can be implemented

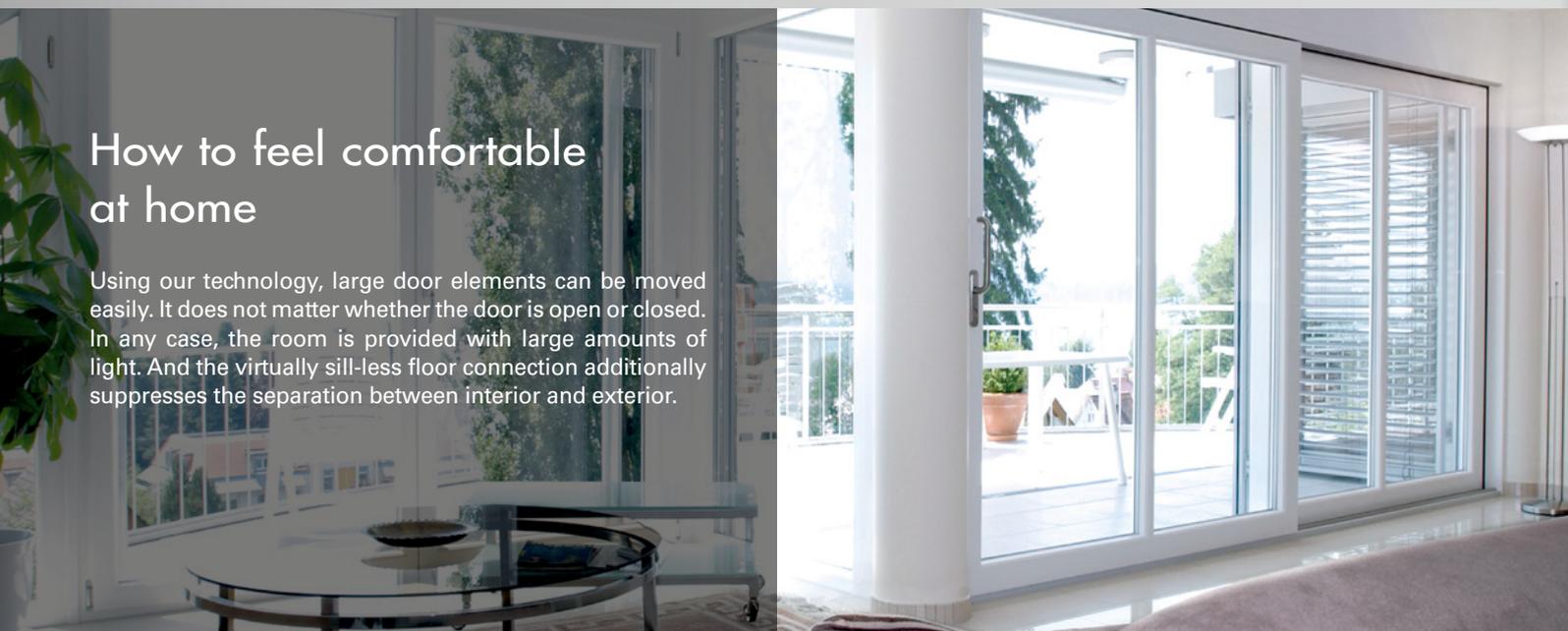


Performance

through the best thermal insulation values already in standard versions, ideal workmanship, and innovative detail solution

How to feel comfortable at home

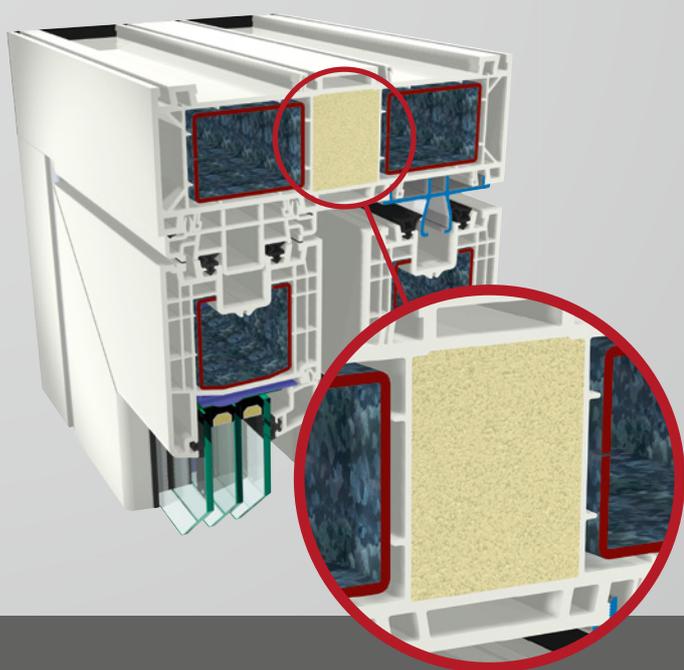
Using our technology, large door elements can be moved easily. It does not matter whether the door is open or closed. In any case, the room is provided with large amounts of light. And the virtually sill-less floor connection additionally suppresses the separation between interior and exterior.



Large amounts of light, low losses of energy

Outstanding thermal insulation values

The wing installation depth of 82.5mm and the five-chamber geometry result in a very good thermal insulation up to the passive house standard. Additionally, outstanding U_w values can be achieved when using triple glazing.



Thanks to additional insulation



The frame of GEALAN's new tilt/slide door is a class of its own. Two separate bracing cores in separate profile chambers guarantee real thermal separation of the bracing elements. In order to increase the thermal insulation value, the middle frame chamber can be foamed with the IKD® technology optionally.

IKD® – the innovative technology for enhancing the thermal insulation properties of GEALAN, targeted use, ex factory



ikd.gealan.de

Unique views

A special living experience

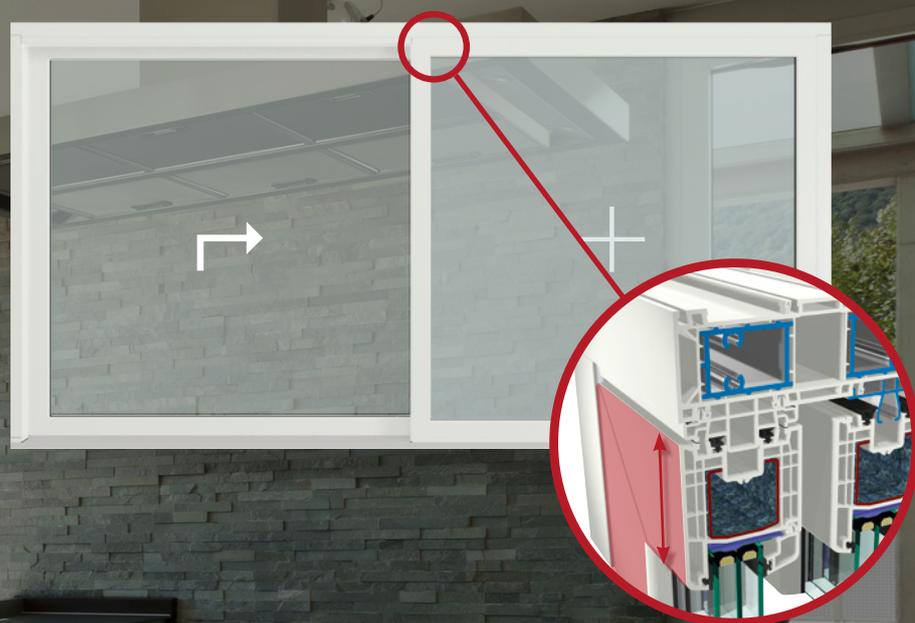
Nothing is a better expression of elegant living atmosphere than spacious rooms flooded with light. therefore, lift/slide doors are used for an ideal transition to outside terraces, balconies, or gardens. This way, a piece of nature comes to your house.



More light than ever

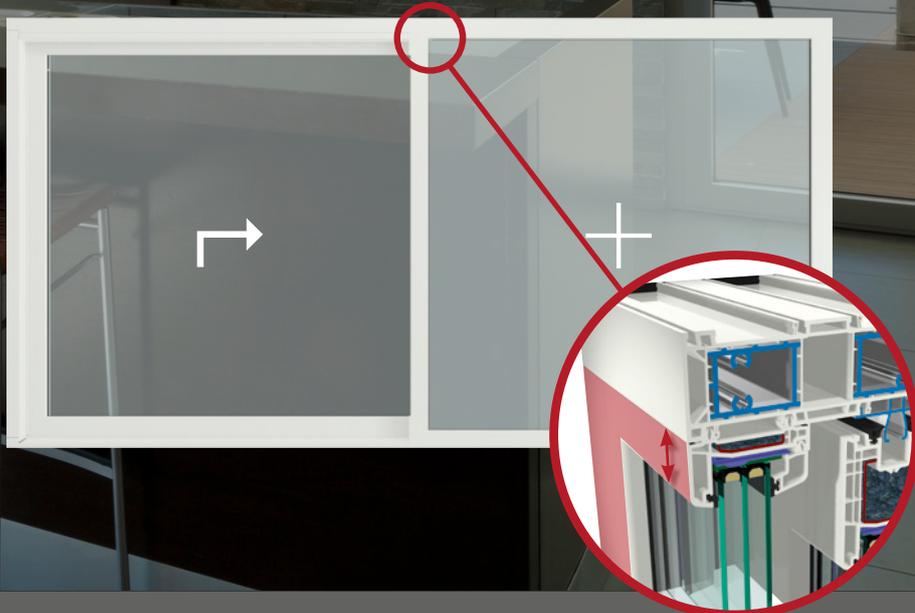
Narrow elevation width for more incidence of light

You attach particular emphasis to an increased share of glass and enhanced incidence of light regarding your lift/slide element? Then GEALAN has a very special design solution for you. Regarding this solution, the elevation width in the stationary part is reduced by more than 50% when compared to the normal lift/slide wing.



Classic symmetrical visual appearance

With 100mm, the elevation width of the wing already is very narrow in standard design.



Design-oriented increased share of glass in the stationary wing

For this special variant, the normally usual wing in the stationary field is replaced by a significantly narrower glazing profile. This step reduces the elevation width in the stationary part by more than 50 percent at constant thermal insulation properties. The effects include more incidence of light than ever and an entirely new visual appearance at constant thermal insulation properties.

Colours and décors

Wooden décors as a natural highlight

For everybody appreciating a natural appearance without compromising on the advantages of state-of-the-art window technology, there are plastic windows in wooden décor look. This is the right choice. Regardless of whether for refurbishing a half-timbered house or a planned new building – GEALAN wooden décor windows convince from a visual and functional point of view. They lend themselves as a classic stylistic element

when refurbishing old houses and regarding landscape-related design.

Décor windows are characterised by all positive properties of state-of-the-art plastic windows and simultaneously the decorative effect of wood.



Attractive décor and uni-colour foils

Attractive wooden décor or uni-colour foils are available for the windows of your choice: either foliated on the outside with internal classic white surface or foliated on both sides for a particularly high-quality visual appearance.

Select the surface look appropriate for you and your home from a broad range.



The current décor foil portfolio can be found at:

www.gealan.de

Wide range of colours with aluminium

Painting – Anodising – Powder-coating

Lift/slide doors made of the S 9000 profile system and facing aluminium shell combine the advantages of the materials aluminium and plastic. This way, high functionality and a state-of-the-art, design-oriented aluminium look provide real estates with a touch of exclusiveness - at simultaneously outstanding thermal insulation of the plastic system. Lift/slide doors with facing aluminium shell are not only resistant and durable, they simultaneously offer comprehensive options for individual design regarding the colour.

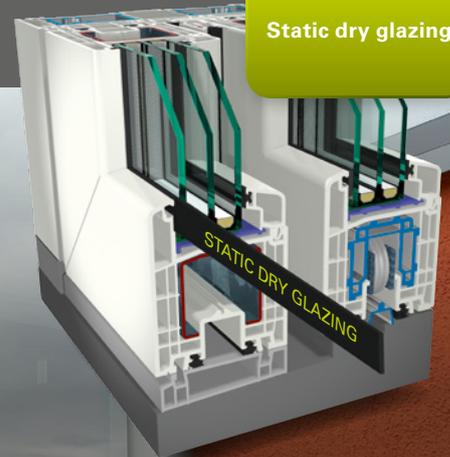


Sophisticated system technology

Advantages in all areas

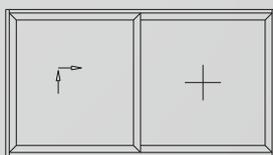
The new S 9000 lift/tilt door achieves a very good thermal insulation value of $U_f = 1.3\text{W/m}^2\text{K}$ already in its basic variant. By taking additional targeted measures, this value can be enhanced up to the passive house-compliant top value with an average value of $U_f = 0.95\text{W/m}^2\text{K}$. Further system advantages include the support of triple glazing up to a thickness of 52mm, the low installation depth of only 190mm in the frame, the slender visual appearance of wing and frame, and the specifically developed, design-oriented glazing frame.

STV®
Static dry glazing

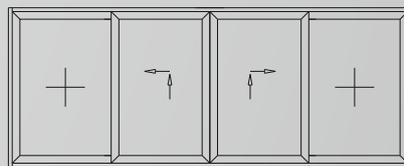


- Using the STV® adhesive technology (static dry glazing), window and wing can be glued with the help of a high-performance adhesive tape, by which means the statics of the glass is transferred to the entire wing.
- Furthermore, the opening and closing behaviour is enhanced and the comfort of operation is increased by the increased stability of the wing.

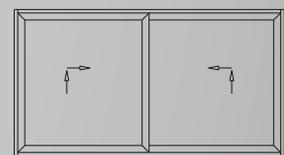
Opening schemes that can be implemented



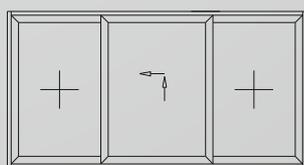
Schemes A



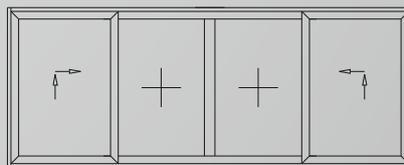
Schemes C



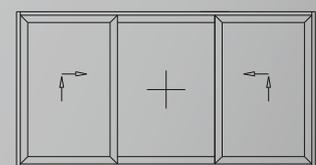
Schemes D



Schemes G



Schemes K



Schemes H



The video on the production sequence and window replacement can be found at:
stv.gealan.de

GEALAN eco-agreement

Commitment to recycling management

Already prior to the Recycling Management and Waste Law coming into effect, GEALAN offered its customers "Recycling management" in the form of a "GEALAN eco-agreement": Within the framework of this agreement, profile manufacturers and specialised window companies agree to recycle old plastic windows and the profile residues accumulating during window production. The goal is to supply the materials to closed PVC material recycling subject to prohibited landfill-

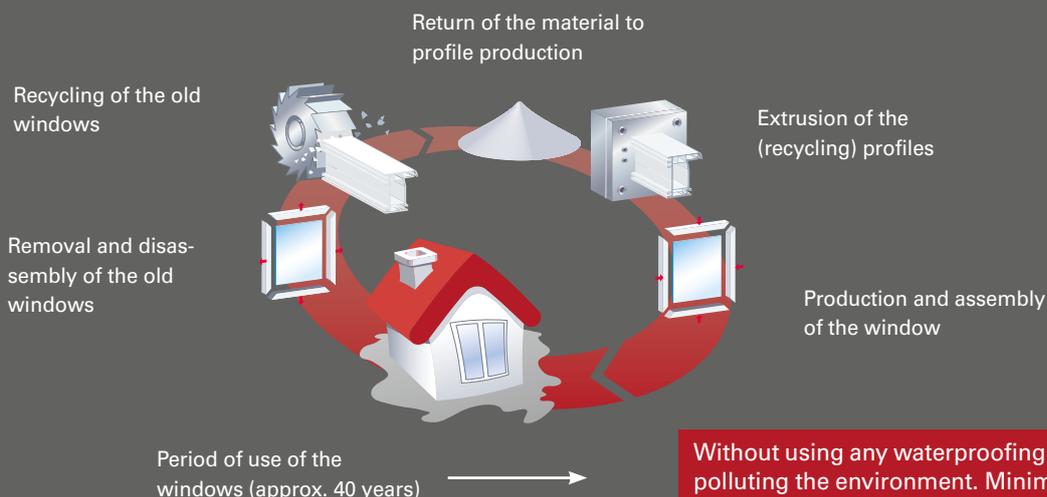
ing. Since the high-quality PVC product – the thermoplastic material is made of the natural raw materials natural oil or natural gas and common salt – is way too precious to be disposed of with the waste or in a waste incineration plant. Through its 100 percent recyclability, it absolutely lends itself for recycling. Even the PVC of removed old windows can be granulated and reconditioned. This way, PVC becomes one of the most recyclable materials.



Our environmental management



Recycling management of plastic fibres



Without using any waterproofing agents, paints, and glazes polluting the environment. Minimum level of maintenance.

Your GEALAN partner will be happy to provide you with advice:



s9000.gealan.de

