

S 9000



All advantages in one system.

Heat-insulating + Flexible + Solid + Innovative + Design-oriented



EN 14351-1:2006+A2:2016

Are you thinking about new windows?

With the S 9000 profile system, you get a state-of-the-art advanced system that can be used equally both for new buildings and for refurbishment.

S 9000 system combines the characteristics and advantages of centre and rebate seals with its installation depth of 82.5 mm. The huge installation depth, six profile chambers and three end-to-end sealing levels, guarantee outstanding thermal insulation. This way, the windows themselves meet the highest requirements.



S 9000 is designed for maximum possible thermal insulation. Extraordinary U_f values of up to $0.97 \text{ W/m}^2\text{K}$ in the variant with central gasket, can be achieved without time-consuming and expensive additional measures.

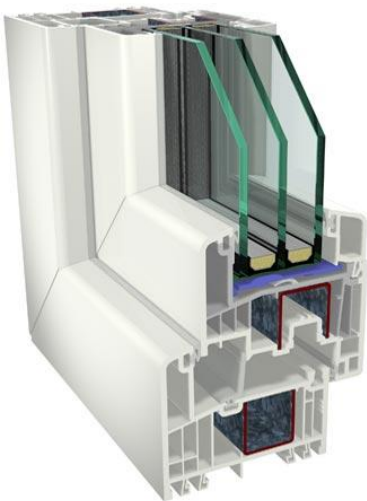
Design CONVINCING AESTHETICS

The beauty of a window depends on the profile it's made from. The S 9000 system meets all aesthetic expectations: a wide range, different glazing beads, and smooth, shiny surfaces. The newly developed profile geometries are characterised by the 15° incline in the projection. It emphasises the timeless visual appearance of the new system.

Thermal and acoustic insulation

Very good thermal and sound insulation through 6-chamber design and large installation depth for window frame and sash.

Passive house-compliance according to the ift directive



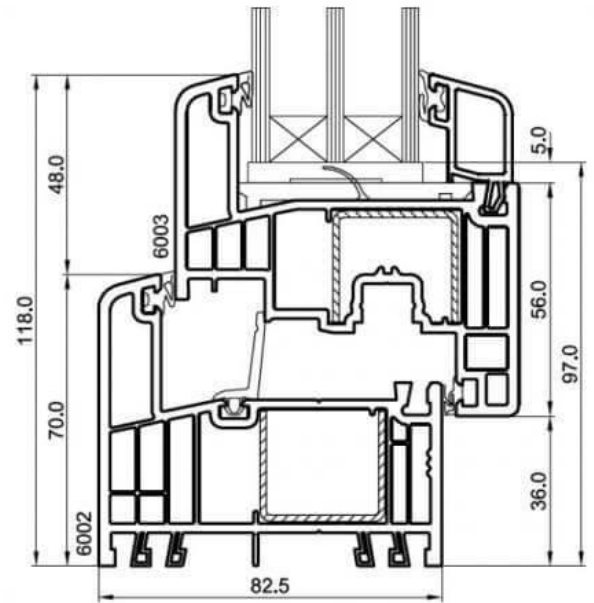
Efficient use of material

The intelligent geometry of the PVC profiles optimizes the use of materials, conserving resources and therefore protecting the environment.

Large main chamber for large steel stiffening elements, with only one stiffening steel required for frames, sashes and mullions

REAL DECORATIVE FILM

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.



Advantages

- Thermal and acoustic insulation
- Large chambers for large steel reinforcements
- High level of security thanks to multiple perimeters locking
- Stable steel reinforcements provide high resistance to bending and allow the creation of large windows
- Simplified accessibility for people with special needs and children
- Possibility of using hidden hinges
- Use of double or triple glazing
- Wide range of typologies and solutions
- Wide range of Acrylcolor and wood imitation
- Modern design
- Ideal solution for homes and buildings
- Window type: Casement
- Thermal insulation: Yes
- External shape: Flat



Technical Characteristics

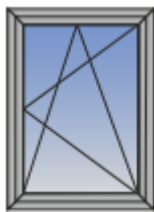
Performance

FRAME DEPTH:	82.50 mm	RESISTANCE TO WIND LOAD (UNI EN 12210)	Clase C4
SASH DEPTH:	82.50 mm	WATER TIGHTNESS (UNI EN 12208)	Classe 3A
FRAME HEIGHT:	70.00 mm	AIR PERMEABILITY (UNI EN 12207)	Classe 3
MIN. WIDTH CENTRAL: COLUMN	170.00 mm	THERMAL TRASMITTANCE U_f W/(m²K)	0.97
SASH WEIGHT:	up to 150 Kg	THERMAL TRASMITTANCE U_w (UNI EN ISO 10077-1)	1.0
GLAZING TYPE:	Double/ Triple	BURGLARY RESISTANCE:	RC2/RC 2N
GLAZING THICKNESS:	28 - 52 mm		
REINFORCMENTS:	Steel		
MAXIMUM SASH HEIGHT:	2500 mm		

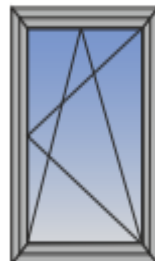
TYOLOGIES



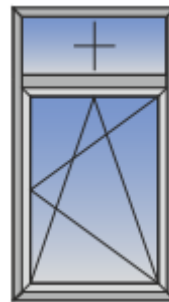
Fixed



One sash tilt and turn



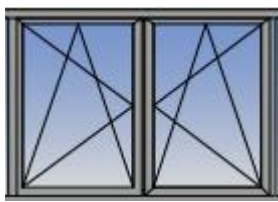
One sash tilt & turn low threshold



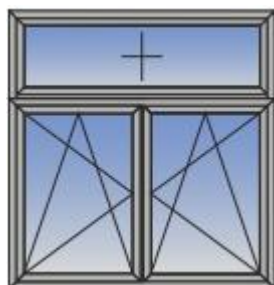
Single tilt & turn with fixed light



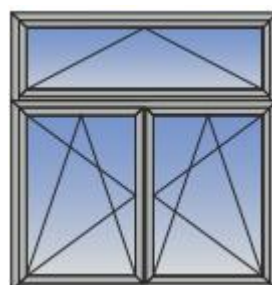
Single tilt & turn with fanlight



Double tilt and turn



Double tilt and turn with fixed light



Double tilt and turn with fanlight



Double tilt and turn



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