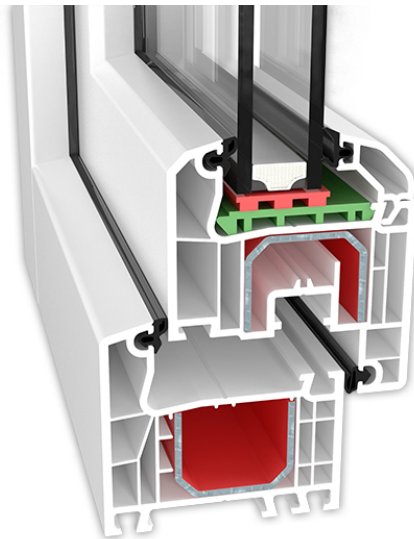


PVC Windows Specifications

AS 4000 Classic

Profile	A 70mm wide 5-chamber system, incorporating external sealing. The Ideal 4000 system is a solid structure of 70mm deep profiles. Its large chambers reinforced with steel guarantee just optimal static parameters and allow providing large windows. Original and harmonious designs, combined with a real wealth of systemic solutions, offer limitless possibilities of creating unique windows and highlighting your individual style. The classical and elegant lines of slender profiles with clear-cut contours, which characterises the non-flush version, are a guarantee of nothing but timeless elegance. Different types of glazing beads allow even further stylisation of a window and its perfect adjustment to the spirit of the interiors. The Ideal 4000 system is universal in its applications — it works perfectly both in single- and multi-family modern houses, as well as in renovated buildings. In the last case, where enlarging a window opening is often impossible, the reduced height of the frame and the casement becomes an advantage of special value, thanks to which the glazed surface is larger and more light is let in. • 5-chamber structure and an embedding depth of 70mm ensure an optimal thermal and acoustic insulation (up to $U_f = 1.4 \text{ W/m}^2\text{K}$) • a large reinforced chamber ensures adequate properties of statics; tasteful and invisible glass gaskets • a 15% gradient of the frame edge and the casement ensures an optimal flow of water • the frame groove's axis is distanced 13mm from the frame edge, which makes it possible to apply wider latches, thus increasing burglar resistance • extremely durable and modern gaskets render the windows tight and unfailing • the profiles' compact structure, as well as their delicate roundnesses and curvatures give them a modern and elegant look • the frame's smooth surface makes it easy to clean and maintain
Pane	Sealed glazing unit 4/16Argon/4TM $U_g=1,0\text{W/m}^2\text{K}$, (as per standard PN-EN 674)
Glazing bead	

Fittings	SIEGENIA • handle at mid-height • RU casements — latches and microventilation corners fitted with mushroom, rotating and self-adjusting rollers • R casements — for maximum 800mm in the rebate, edge bolts are used and for minimum 800mm in the rebate, latches with mushroom, rotating and self-adjusting rollers are used • RU casements fitted with a casement lift and a handle lock for tilt position • RU casements: microventilation • incorrect handle position lock in the U position • RU casements: microventilation • transport rail sealed at the bottom along the whole width of the window
Handle	
Gaskets	EPDM
Reinforcement	U - shaped galvanised steel
Coextrusion	present

Heat transfer coefficient

Frames	$U_f = 1,4 \text{ W/m}^2\text{K}$
Windows	$U_w = 1,3 \text{ W/m}^2\text{K}$ (panes $1,0 \text{ W/m}^2\text{K}$ as per standard PN-EN 674) $U_w = 1,1 \text{ W/m}^2\text{K}$ (panes $0,7 \text{ W/m}^2\text{K}$)

Standard equipment:

Microventilation system	✓
Sealed glazing unit	4/16Argon/4TM $U_g=1,0$ (as per standard PN-EN 674); $g=63\%$; $LT=80\%$
Fitting profile	✓
Fitting profiles sealed with foam	✓

fittings with a	Siegenia striker plate
Casement lift and handle lock in the U position	✓
Rebate gaskets	black EPDM
Aluminium handles	