



aluplast[®] - Specialist for window and door systems

IDEAL
MORE LIGHT - MORE LIVING COMFORT



IDEAL 4000®

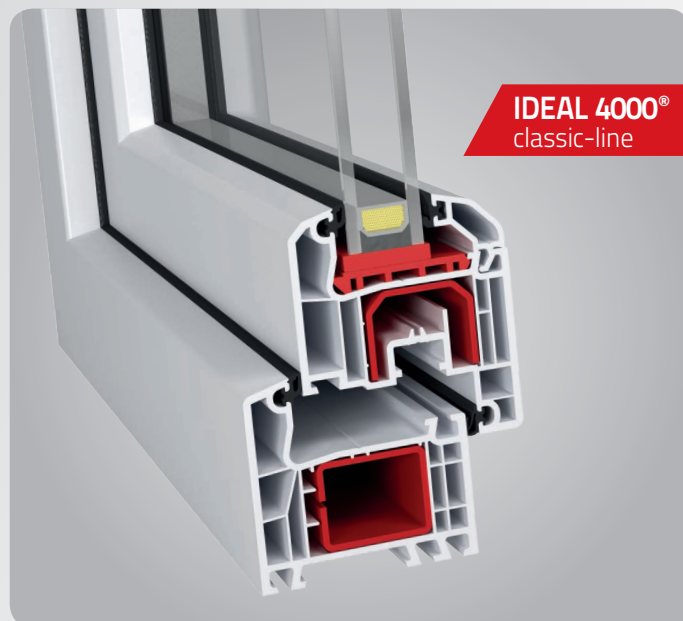
The IDEAL 4000® system represents a new generation of window profiles that already now meet the requirements for windows of tomorrow. It combines the latest technology with the highest living comfort. Rigid profile design of 70 and 85 mm depth and large chambers for steel reinforcements ensure optimal static, thus allow for manufacturing of large windows. The 5-6-chamber system provides an outstanding thermal and acoustic insulation. With numerous styling solutions and harmonious design options, these windows help you express your very own style.

Classic and elegant lines guarantee timeless elegance. The Round-line system will emphasize your personal design preferences and impress you with an aesthetic appearance and its gentle curves. With their rounded contours, these windows integrate optimally with modern interiors.

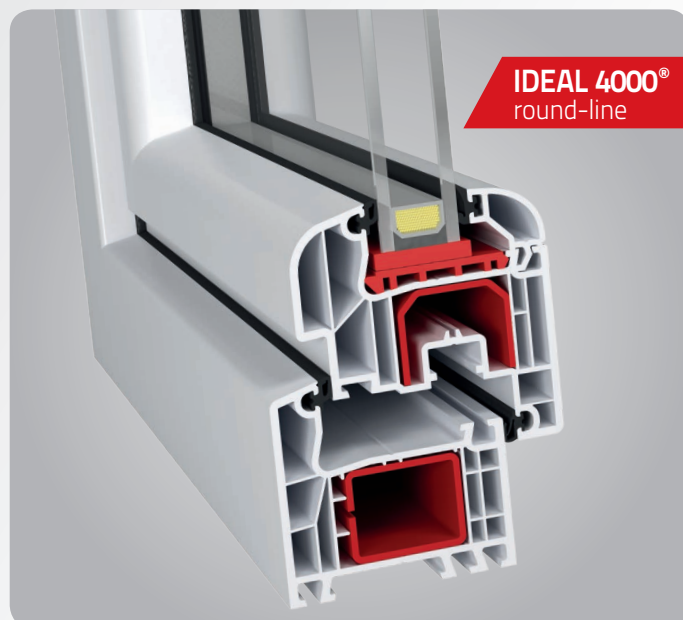
The IDEAL 4000® system can be used in modern, both single- and multi-family architecture as well as for buildings being renovated. The filigree frame and great profile optics enlarge the glazing surface for even more light.

IDEAL 4000®

- 70 / 85 mm profile depth
- Thermal insulation value of the standard combinations
 U_f value = 1,3 W/m²K
- Glazing thickness up to 41 mm
- Different profile shapes for an individual design
- Design glazing bead for the inside
- Concealed drainage possible
- 5-6 chamber profile in the standard combination
- Circumferential backstop gasket in the frame and sash
- Special security hardware guarantees the highest level of burglary protection



IDEAL 4000®
classic-line

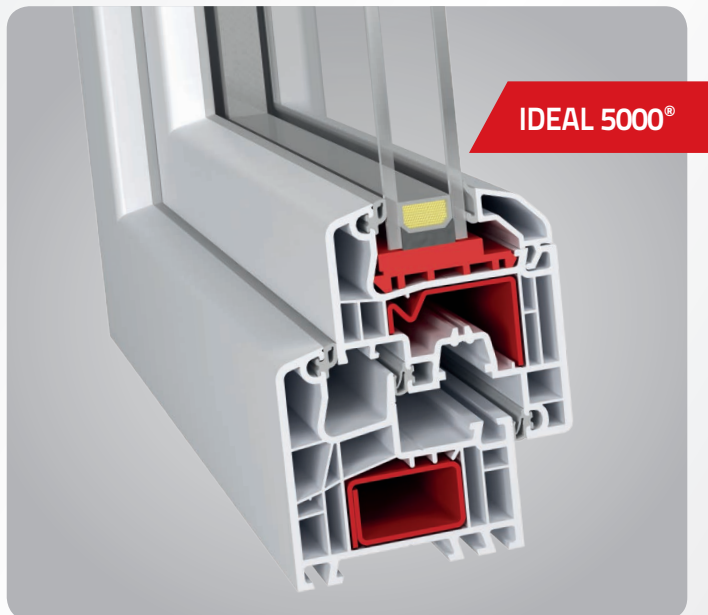


IDEAL 4000®
round-line



IDEAL 4000®
85 mm

NEW



IDEAL 5000®

IDEAL 5000®

The aluplast high quality profile systems offer excellent burglary protection and security so relaxing.

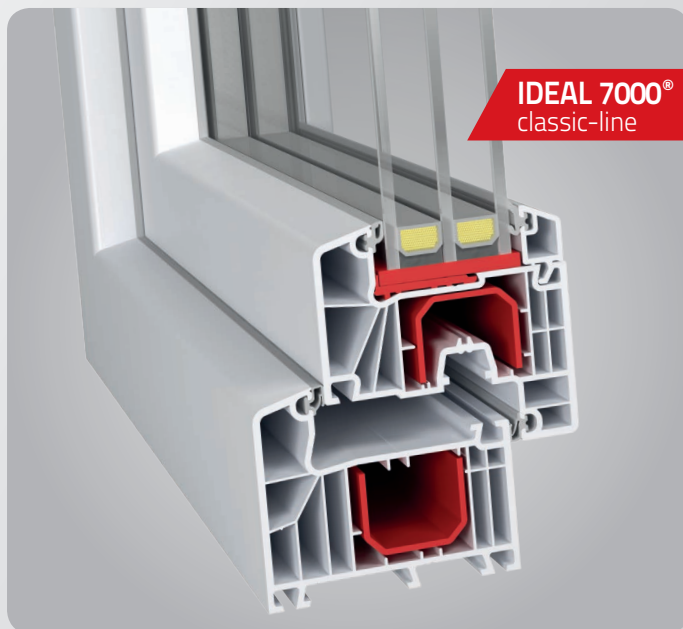
- 70 mm profile depth
- Thermal insulation value of the standard combinations U_f value = 1,2 W/m²K
- Glazing thickness up to 41mm
- Double design variety in the sash
- Design glazing bead for the inside
- Concealed drainage possible
- Embedded hardware channel for the highest level of burglary protection
- 5 chamber profile in the standard combination
- Centre gasket system with three sealing levels



IDEAL 7000®

The IDEAL 7000® system is an exceptional profile system with 85 mm profile depth. First-class quality and the multi-chamber technology of the profile provide the best acoustic and thermal insulation. This reduces heating costs and allows you to feel relaxed and warm in your own house. The IDEAL 7000® system is suitable for any application.

- 85 mm profile depth, 6 chamber profile
- U_f value = 1,1 W/m²K
- Circumferential backstop gasket in the frame and sash
- Delicate classical profile design
- Steel reinforcements inside the profiles ensure stability of large window elements
- Glazing thickness up to 51 mm
- Available in numerous decor finishes and with aluskin® aluminium skins



IDEAL 7000®
classic-line



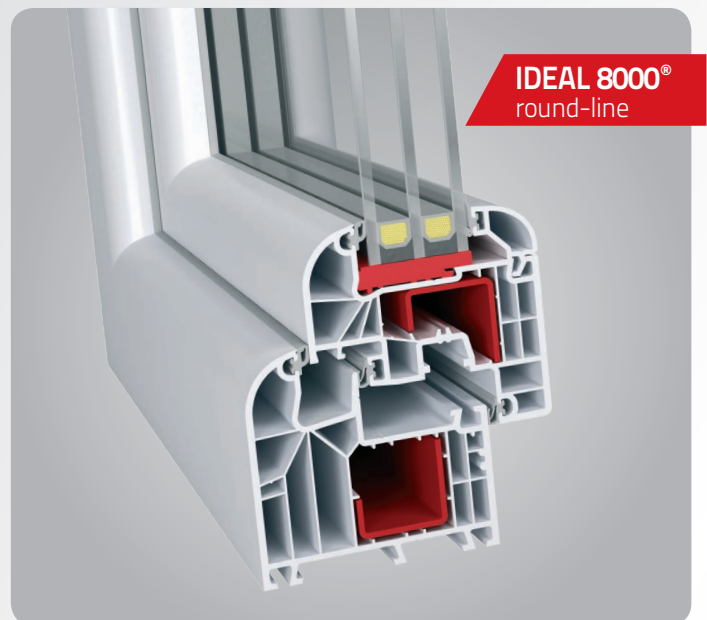
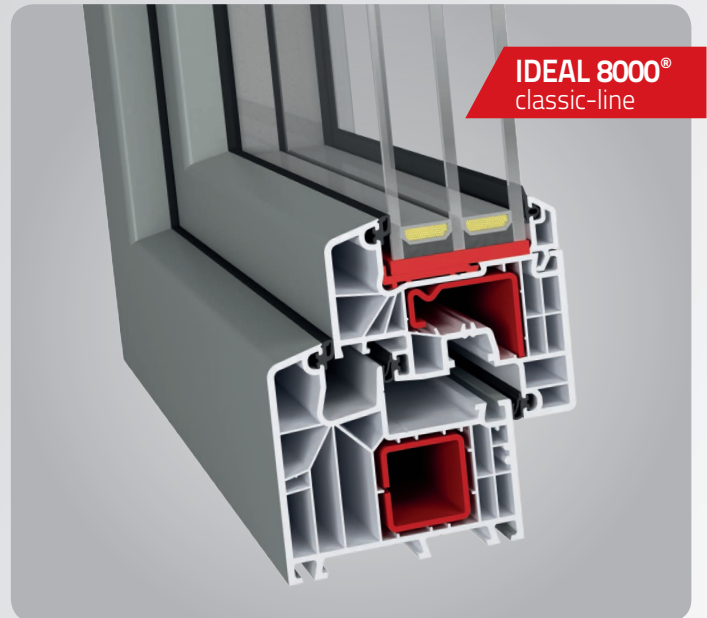
Although windows account for only about 8% of the the building's external surface, they cause almost 40% of the heat energy loss.

IDEAL 8000® system is a new proposition from Aluplast, which sees the main accent placed on the improvement of thermal parameters. This was achieved by increasing the depth of the new Ideal 8000 series to 85mm, using 6 chamber profile construction and the triple-seal system.

Profile's thermal transmittance of $U_f=1,0W/m^2K$ places it among the solutions highly desirable for investors dedicated to thermally efficient construction. The use of highly efficient glazing units up to 51 mm of width allows fabrication of windows with extremely low thermal transmittance.

For example, a reference window of 1230x1480, fitted with a unit of $U_g=0,5 W/m^2K$ produces a window of a combined $U_w=0,76 W/m^2K$, fulfilling the Passive House requirements.

The triple-seal set not only improves the thermal efficiency of the window, but also positively affects the isolating values of the product.



IDEAL 8000®

- 85 mm profile depth, 6 chamber profile
- U_f value = $1,0 W/m^2K$
- Centre gasket system with three sealing levels
- Delicate classical profile design
- Steel reinforcements inside the profiles ensure stability of large window elements
- Glazing thickness up to 51 mm
- Embedded hardware channel for the highest level of burglary protection
- Available in numerous decor finishes and with aluskin® aluminium skins