aluplast®

Kunststoff-Fenstersysteme

aluplast® - Specialist for window and door systems

IDEAL
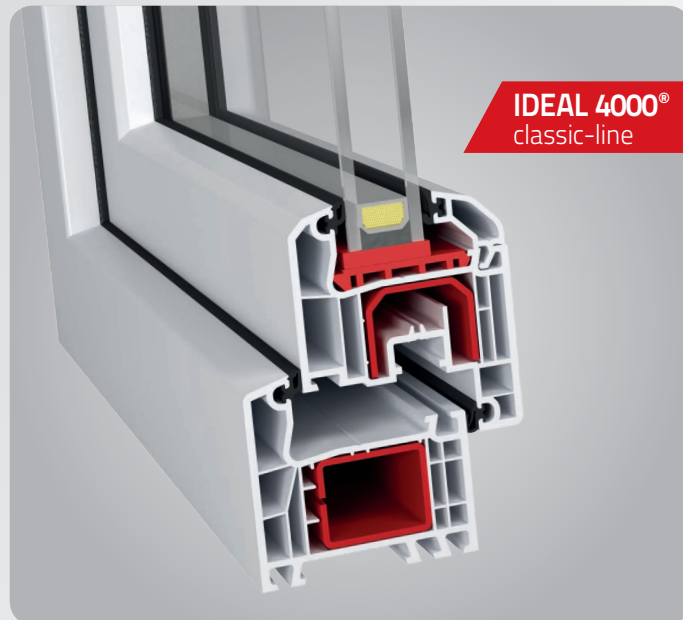## MORE LIGHT – MORE LIVING COMFORT

www.aluplast.com.pl

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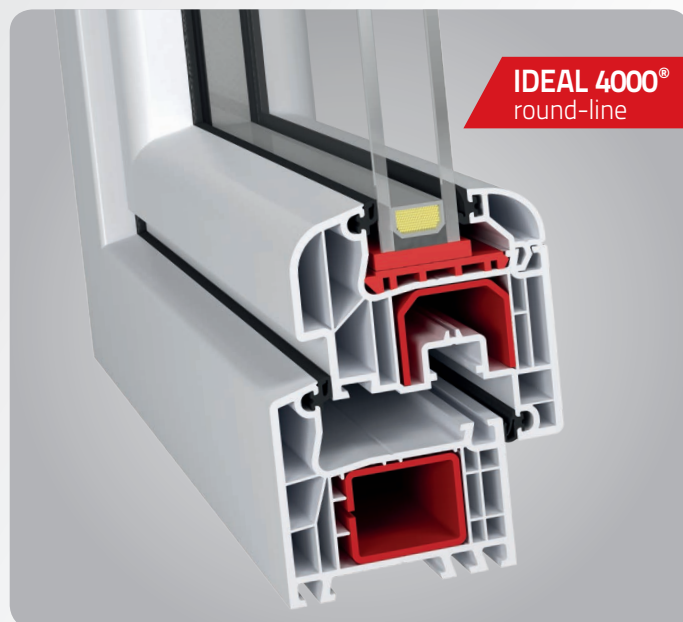
The IDEAL 4000® system can be used in modern, both single- and multi-family architecture as well as for buildings being renovated. The filigree frame and great profile optics enlarge the glazing surface for even more light.

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
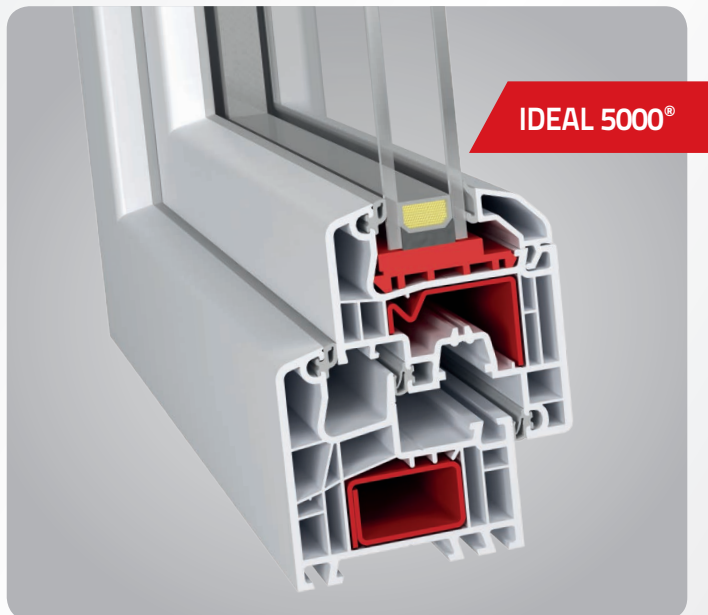
IDEAL 4000® classic-line

IDEAL 4000® round-line

IDEAL 4000® 85 mm

NEW

IDEAL 5000®

The aluplast high quality profile systems offer excellent burglary protection and security so relaxing.
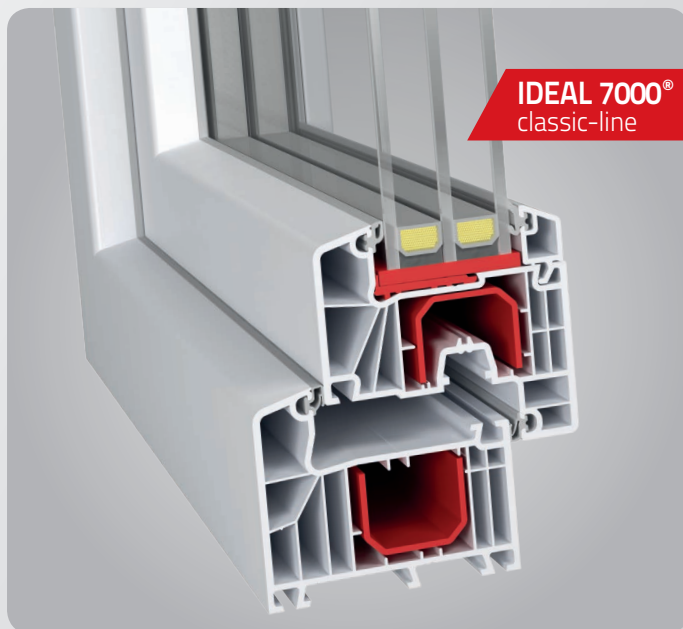
- 70 mm profile depth
- Thermal insulation value of the standard combinations
  U_f value = 1,2 W/m²K
- Glazing thickness up to 41mm
- Double design variety in the sash
- Design glazing bead for the inside
- Concealed drainage possible
- Embedded hardware channel for the highest level of burglary protection
- 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
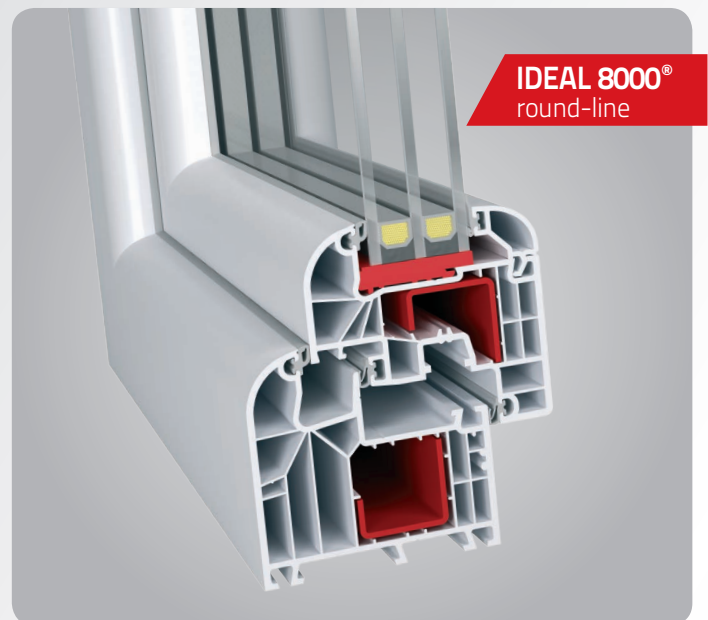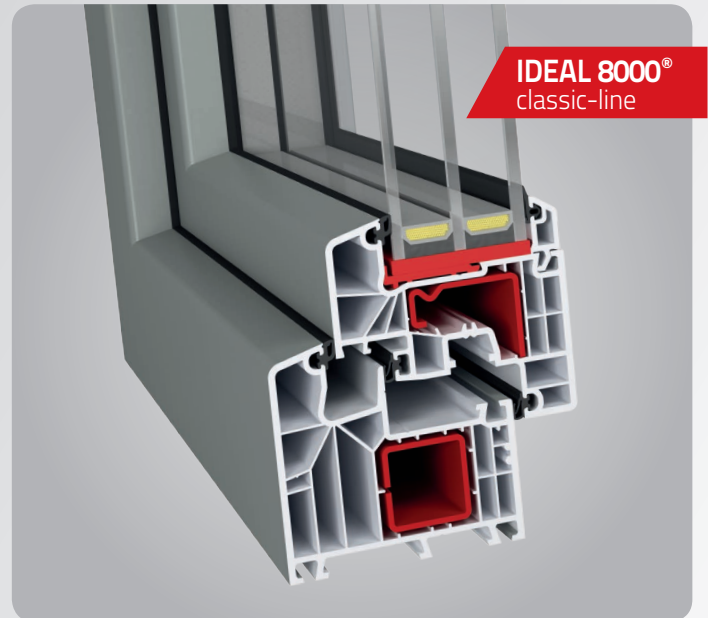- Available in numerous decor finishes and with aluskin® aluminium skins

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/m²K 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/m²K produces a window of a combined U_w=0,76 W/m²K, 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.
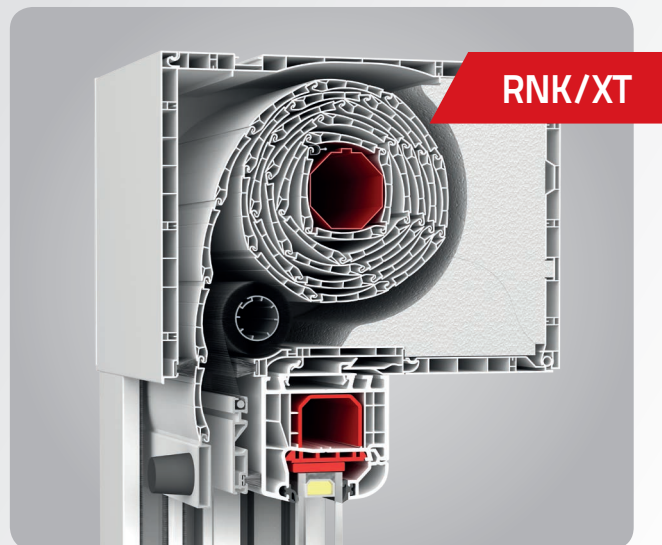

IDEAL 8000®
classic-line

IDEAL 8000®
round-line

IDEAL 8000®

- 85 mm profile depth, 6 chamber profile
- U_f value = 1,0 W/m²K
- 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

Perfect climate

The atmosphere of your home is an essential element of life. The aluplast roller shutters will create an extra protection, but no doubt contribute to the creation of a special, unique interior. The shutters allow arbitrary setting of the sun exposure while ensuring perfect thermal insulation.
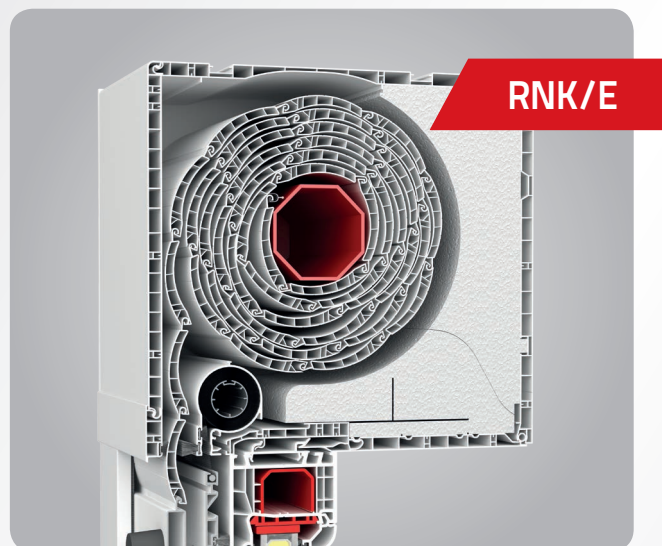
Top-mounted roller shutter RNK/XT

- Universal roller shutter for integration with window with option for service cover on the inside or on the bottom side of the box
- uPVC box and the guide rails
- Insect screen installation possible
- Extraordinarily easy installation and stable construction
- Compatible with all aluplast profiles and profiles of other window profiles manufacturers made of PVC, aluminum and wood
- Wide range of colours and decorative foils available
- Compatible with shutter slats type MINI
- Insulated box side covers
- Meets the requirements of EnEV 2014

RNK/XT

Top-mounted roller shutter RNK/E

- The latest solution of the roller shutter
- uPVC box and the guide rails
- Service cover alternatively opened from the inside, bottom or from the outside
- Insect screen installation possible, also after installation of the roller shutter and finishing works
- Extraordinarily easy installation and stable construction
- Compatible with all aluplast profiles and profiles of other window profiles manufacturers made of PVC, aluminum and wood up to frame depth of 90 mm
- Wide range of colours and decorative foils available
- Compatible with shutter slats type MINI or MAXI
- Insulated box side covers
- Meets the requirements of EnEV 2014

RNK/E

Adaptation roller shutter RAS

- Most popular system of adaptation roller shutter made of roll-formed tin
- Construction fully made of aluminium (box, covers, guide rails)
- Service cover at 45 degree angle
- Bestimmt ebenfalls zum Einbau in Gebäuden mit bereits zuvor montierten Fenstern
- Wide range of RAL colours available for box parts
- Decorative foils (elements partially covered) available: mahogany, walnut, golden oak
- Available box sizes: 125, 137, 150, 165, 180, 205 mm
- Insect screen integration possible

RAS

85mm HST lift & slide doors

The modular system is a novelty in this segment and represents a solution from which three different products can be achieved, with regard to their thermal parameters - from the minimum thermal requirements for thermal insulation up to passive house solution.

Regardless of which product you choose, it will perfectly fit optically with the other aluplast systems for a wonderful and consistent appearance in the living space.

HST 85mm
Lift&Slide doors

85mm HST lift & slide doors

- Improved thermal characteristics
- Possible U_f value of 0,95 W/m²K
- Possible application in passive house solutions
- Glazing and panel thickness up to 51 mm
- Optimized for triple and function glazing
- Threshold and guide rails in aluminum or fiberglass version (depending on the module)
- Integrated seal: increases process reliability and the quality of the door
- Few components for a flexible and fast production
- Simplified mounting of aluskin® aluminium skins
- Available in numerous decor finishes

Main entrance doors

The front door is the calling card of every house. It gives your home an inviting appearance and protects against burglars, noise and the elements. Main entrance door systems from aluplast combine modern design with the highest degree of service life.

- Large steel chamber for high stability, can optionally be foam-filled (with technology foam inside)
- Glazing and panel thickness up to 51 mm
- Outstanding thermal insulation up to Uf value of 1.2 W/m²K
- Optimized sealing concept using newly developed backstop gaskets in the frame and mullion
- The backstop gasket system allows for the installation of solid and robust striker plates
- The use of different glazing bead designs in the frame or sash is possible
- main entrance doors can easily be complemented by side elements

IDEAL 4000®
entrance doors

IDEAL 7000®
entrance doors