



aluplast<sup>®</sup> - energy efficient window systems

## aluplast INTERTEC 85

TECHNOLOGY OF TOMORROW



# aluplast Intertec 85 | MODERN WINDOW PROFILE SYSTEM



- +** Seven chambers in the frame and six in the sash, 85 mm profile depth
- +** Glazing thickness up to 51 mm
- +** Excellent  $U_f$  thermal transfer coefficient value of 1,0 W/m<sup>2</sup>K
- +** Innovative sash construction allows traditional glazing as well as application of aluplast bonding inside technology
- +** The new, two-chamber construction of the central insulation fin is characterized by high flexibility, thanks to which it reacts dynamically to the wind load that affects the sash. This solution ensures increased protection against wind, rain and better acoustic insulation
- +** Slim sash-frame combination featuring 115 mm width for even more light in the interior of the house
- +** Greater durability of the fittings, operating in the dry chamber, created by the middle insulating fin

aluplast Intertec 85 is an advanced window profile system, that, thanks to the application of innovative solutions, offers excellent technical parameters and high comfort of window use.

Profiles of the system feature timeless, classic design of well balanced proportions, that fit perfectly in the contemporary trends of shaping the optics of buildings' facades.

Special sash construction allows application of aluplast bonding inside technology, which makes fabrication of stable, even large sized windows possible.

Slim sash-frame combination featuring 115 mm width allows to maximize the glass surface, thus ensuring the flow of even more light into the interior of the house.

# TRIPLE SEAL INSULATION

WARMTH & SILENCE



Thanks to the application of the middle fin, insulating the construction of the window all over its circumference, a so called dry chamber is established, creating space for fittings operation. Separation of the fittings from the external atmospheric conditions improves significantly their durability.

aluplast Intertec 85 is an excellent option for those looking for the solutions that are not only aesthetic, but also energy efficient. Profile depth of 85 mm, seven

chambers in the frame and six in the sash, possible glazing thickness up to 51 mm and coherent system of the middle fin insulation guarantee splendid thermal parameters.

For instance, single sash window made of aluplast Intertec 85 profiles, with dimensions of 1230 mm (width) and 1480 mm (height) with glass pane with coefficient value of  $U_g=0,5$  and so called warm distance frame features the  $U_w$  coefficient value of  $0,74 \text{ W/m}^2\text{K}$ .

IN THE RECENT YEARS, THE WAY OF THINKING ABOUT ARCHITECTURE HAS CHANGED SIGNIFICANTLY. THIS CHANGE IS EXPRESSED PRIMARILY IN THE SEARCH, IN BOTH THE DESIGN OF THE BUILDING AND IN THE PRODUCTS USED IN IT, FOR SOLUTIONS ALLOWING TO GIVE THESE PROJECTS A UNIQUE AND INDIVIDUAL STYLE. THE PREFERENCES REGARDING COLORS HAVE ALSO CHANGED SIGNIFICANTLY, WHERE CURRENTLY AMONG MOST PREDOMINANT COLORS ARE ANTHRACITE, BASALT AND VARIOUS SHADES OF GRAY.



## Pure elegance in anthracite

In response to these trends, we introduce profiles with anthracite core into aluplast Intertec 85 product series, which will make your windows match fashionable and modern house arrangements even better.

aluplast sp. z o.o. | Gołęzycka 25A, 61-357 Poznań, Poland  
tel. +48 61 654 34 00, fax +48 61 654 34 99 | [www.aluplast.com.pl](http://www.aluplast.com.pl)