

issued

# CERTIFICATE

**No. ZSTV-044-25**

for product:

**Plastic window and balcony doors, system Aluplast IDEAL 4000**

applicant and manufacturer:

**AZ OKNA a.s.**

**Kollárova 1693, 698 01 Veselí nad Moravou**

**Czech Republic**

**ID number: 26905736**

The Joinery Products Testing Institute in Zlín certifies by this certificate:

- the compliance of the following characteristics of the product sample with the basic requirements of the standards:

Characteristic	Classification standard	Classification / value
Resistance to wind load	EN 12210	class <b>C4</b> - single leaf and double leaf windows, single leaf balcony doors
Watertightness	EN 12208	class <b>E900</b> - single leaf windows class <b>E750</b> - double leaf windows and single leaf balcony doors
Acoustic performance *	Declared value	<b><math>R_w (C; C_{tr}) = 33 (-1; -4)</math> dB</b> - window with glass $R_w (C; C_{tr}) = 31 (-1; -4)$ dB <b><math>R_w (C; C_{tr}) = 34 (-1; -6)</math> dB</b> - window with glass $R_w (C; C_{tr}) = 32 (-1; -6)$ dB <b><math>U_w = 1,3 \text{ W/(m}^2\cdot\text{K)}</math></b> - window with glass $U_g = 1,1 \text{ W/(m}^2\cdot\text{K)}$ and with a frame Chromatech plus, Nirotec 0,15, Swisspacer, TGI-Spacer or Chromatech ultra <b><math>U_w = 1,2 \text{ W/(m}^2\cdot\text{K)}</math></b> - window with glass $U_g = 1,1 \text{ W/(m}^2\cdot\text{K)}$ and with a frame Super Spacer <b><math>U_w = 1,2 \text{ W/(m}^2\cdot\text{K)}</math></b> - window with glass $U_g = 1,0 \text{ W/(m}^2\cdot\text{K)}$ and with a frame Chromatech plus, Nirotec 0,15, Swisspacer, TGI-Spacer, Chromatech ultra or Super Spacer <b><math>U_w = 1,0 \text{ W/(m}^2\cdot\text{K)}</math></b> - window with glass $U_g = 0,7 \text{ W/(m}^2\cdot\text{K)}$ and with a frame Chromatech plus, Nirotec 0,15 or Swisspacer <b><math>U_w = 0,98 \text{ W/(m}^2\cdot\text{K)}</math></b> - window with glass $U_g = 0,7 \text{ W/(m}^2\cdot\text{K)}$ and with a frame TGI-Spacer or Chromatech ultra <b><math>U_w = 0,97 \text{ W/(m}^2\cdot\text{K)}</math></b> - window with glass $U_g = 0,7 \text{ W/(m}^2\cdot\text{K)}$ and with a frame Super Spacer <b><math>U_w = 0,94 \text{ W/(m}^2\cdot\text{K)}</math></b> - window with glass $U_g = 0,6 \text{ W/(m}^2\cdot\text{K)}$ and with a frame Chromatech plus or Nirotec 0,15 <b><math>U_w = 0,93 \text{ W/(m}^2\cdot\text{K)}</math></b> - window with glass $U_g = 0,6 \text{ W/(m}^2\cdot\text{K)}$ and with a frame Swisspacer <b><math>U_w = 0,91 \text{ W/(m}^2\cdot\text{K)}</math></b> - window with glass $U_g = 0,6 \text{ W/(m}^2\cdot\text{K)}$ and with a frame TGI-Spacer or Chromatech ultra <b><math>U_w = 0,90 \text{ W/(m}^2\cdot\text{K)}</math></b> - window with glass $U_g = 0,6 \text{ W/(m}^2\cdot\text{K)}$ and with a frame Super Spacer
Thermal transmittance	Declared value	
Air permeability	EN 12207	Class <b>4</b> - single leaf and double leaf windows, single leaf balcony doors

\* Values of acoustic performances applies for overall area of window  $\leq 2,7 \text{ m}^2$ . For windows of bigger sizes applies Annex B of EN 14351-1+A1 -  $2,7 \text{ m}^2 < \text{overall area} \leq 3,6 \text{ m}^2$  -  $R_w$  corrected by -1 dB,  $3,6 \text{ m}^2 < \text{overall area} \leq 4,6 \text{ m}^2$  -  $R_w$  corrected by -2 dB,  $4,6 \text{ m}^2 < \text{overall area}$  -  $R_w$  corrected by -3 dB.

The certificate has been issued on the basis of the Report on the Assessment of Performance of the Product according to EN 14351-1+A1 No. 1389-CPR-015-14 issued on 7 May 2014 by Notified Body 1389 - MENDELU, The Joinery Products Testing Institute in Zlín, Louky 304

**Date of issue: 24th March 2025**

**Valid until: 24th March 2028**



**Ing. Petr Sláčík**  
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