

- MENDELU
- Zkušebna stavebně truhlářských výrobků
- a nábytku

issued

CERTIFICATE

of validation of properties and classification for CE marking of product

No. CE-ZSTV-029-22

for product:

Plastic window and balcony doors, system Aluplast IDEAL 4000

manufacturer:

AZ OKNA a.s.

Kollárova 1693, 698 01 Veselí nad Moravou, Czech Republic

ID No.: 26905736

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

- the conformance of the following qualities of the product sample with the basic standard requirements:

Property	Classification standard	Classification/value
Resistance to wind load	ČSN EN 12210	class C4 - single leaf windows and balcony doors and double leaf windows
Watertightness	ČSN EN 12208	class E900 - single leaf windows class E750 - double leaf windows and single leaf casement doors
Dangerous substances	Requirement of national regulations	Without the release of hazardous substances
Acoustic performance *	Declared value	R_w (C; C_{tr}) = 33 (-1; -4) dB - windows with glass R _w (C; C _{tr}) = 31 (-1; -4) dB R_w (C; C_{tr}) = 34 (-1; -6) dB - windows with glass R _w (C; C _{tr}) = 32 (-1; -6) dB U_w = 1,3 W/(m².K) - windows with glass U _g = 1,1 W/(m ² .K) and distance frame Chromatech plus, Nirotec 0,15, Swisspacer, TGI-Spacer or Chromatech ultra U_w = 1,2 W/(m².K) - windows with glass U _g = 1,1 W/(m ² .K) and distance frame Super Spacer
Thermal transmittance	Declared value	U_w = 1,2 W/(m².K) - windows with glass U _g = 1,0 W/(m ² .K) and distance frame Chromatech plus, Nirotec 0,15, Swisspacer, TGI-Spacer, Chromatech ultra or Super Spacer U_w = 1,0 W/(m².K) - windows with glass U _g = 0,7 W/(m ² .K) and distance frame Chromatech plus, Nirotec 0,15 or Swisspacer U_w = 0,98 W/(m².K) - windows with glass U _g = 0,7 W/(m ² .K) and distance frame TGI-Spacer or Chromatech ultra U_w = 0,97 W/(m².K) - windows with glass U _g = 0,7 W/(m ² .K) and distance frame Super Spacer U_w = 0,94 W/(m².K) - windows with glass U _g = 0,6 W/(m ² .K) and distance frame Chromatech plus or Nirotec 0,15 U_w = 0,93 W/(m².K) - windows with glass U _g = 0,6 W/(m ² .K) and distance frame Swisspacer U_w = 0,91 W/(m².K) - windows with glass U _g = 0,6 W/(m ² .K) and distance frame TGI-Spacer or Chromatech ultra U_w = 0,90 W/(m².K) - windows with glass U _g = 0,6 W/(m ² .K) and distance frame Super Spacer
Air permeability	ČSN EN 12207	class 4 - single leaf windows and balcony doors and double leaf windows

* The values of acoustic performance use for overall area window $\leq 2,7 \text{ m}^2$. For window different sizes use according to Annex B EN 14351-1+A2 - $2,7 \text{ m}^2 < \text{overall area} \leq 3,6 \text{ m}^2$ - 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.

This Certificate has been issued on the basis of Test reports has been issued Report of Initial type testing of product according to ČSN EN 14351-1+A1 No. 1389-CPR-015-14 drafted on 07.05.2014 by Notified Body No. 1389 - MENDELU, The Joinery Products Testing Institute in Zlín, Louky 304.

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Valid until: 22th March 2025



Ing. Petr Sláčík
Head of the Joinery Products Testing Institute