

issued

CERTIFICATE

of validation of properties and classification for CE marking of product

No. CE-ZSTV-025-15

for product:

Plastic external doors, system aluplast IDEAL 4000

applicant and 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	EN 12210	class C1 - single leaf doors in the closed state class C4 - single leaf doors in the locked state
Watertightness	EN 12208	class 4A - single leaf doors in the closed state class 8A - single leaf doors in the locked state
Dangerous substances	Requirement of national regulations	Without the release of hazardous substances
Load - bearing capacity of safety device	-	npd
Acoustic performance	-	npd
Thermal transmittance U_D	Declared value	$U_D = 1,3 \text{ W}/(\text{m}^2.\text{K})$ - doors with glass $U_g=1,1 \text{ W}/\text{m}^2.\text{K}$ or $U_g=1,0 \text{ W}/\text{m}^2.\text{K}$ and with distance frame TGI-Spacer M, Chromatech Ultra F or Super Spacer TriSeal (area $\leq 3,6 \text{ m}^2$) $U_D = 1,1 \text{ W}/(\text{m}^2.\text{K})$ - doors with glass $U_g=0,7 \text{ W}/\text{m}^2.\text{K}$ and with distance frame TGI-Spacer M, Chromatech Ultra F or Super Spacer TriSeal (area $\leq 3,6 \text{ m}^2$) $U_D = 1,0 \text{ W}/(\text{m}^2.\text{K})$ - doors with glass $U_g=0,6 \text{ W}/\text{m}^2.\text{K}$ and with distance frame TGI-Spacer M, Chromatech Ultra F or Super Spacer TriSeal (area $\leq 3,6 \text{ m}^2$) $U_D = 0,96 \text{ W}/(\text{m}^2.\text{K})$ - doors with glass $U_g=0,5 \text{ W}/\text{m}^2.\text{K}$ and with distance frame TGI-Spacer M or Chromatech Ultra F (area $\leq 3,6 \text{ m}^2$) $U_D = 0,94 \text{ W}/(\text{m}^2.\text{K})$ - doors with glass $U_g=0,5 \text{ W}/\text{m}^2.\text{K}$ and with distance frame Super Spacer TriSeal (area $\leq 3,6 \text{ m}^2$) $U_D = 1,3 \text{ W}/(\text{m}^2.\text{K})$ - doors with sandwich panel $U_p=1,255 \text{ W}/\text{m}^2.\text{K}$ (area $\leq 3,6 \text{ m}^2$) $U_D = 1,2 \text{ W}/(\text{m}^2.\text{K})$ - doors with sandwich panel $U_p=1,03 \text{ W}/\text{m}^2.\text{K}$ (area $\leq 3,6 \text{ m}^2$) $U_D = 1,1 \text{ W}/(\text{m}^2.\text{K})$ - doors with sandwich panel $U_p=0,878 \text{ W}/\text{m}^2.\text{K}$ (area $\leq 3,6 \text{ m}^2$) $U_D = 1,0 \text{ W}/(\text{m}^2.\text{K})$ - doors with sandwich panel $U_p=0,71 \text{ W}/\text{m}^2.\text{K}$ (area $\leq 3,6 \text{ m}^2$)
Air permeability	EN 12207	class 2 - single leaf doors in the closed state class 4 - single leaf doors in the locked state

This Certificate has been issued on the basis of Prüfbericht 201 43717 drafted on 04.04.2011 by Notified Body Nr. 0757, ift Rosenheim, Report on the results of laboratory tests No.1.3./13/B12 Determination of volatile organic compounds (VOC) according to SOP 5/1.3 drafted on 16.07.2013 Accredited testing laboratory No. 1206 - PBU laboratory for chemical and product safety, The National Institute of Public Health, Center of laboratory activities, Department of Chemical and Physical Laboratory, Praha 10 and Test report of Calculation of thermal transmittance „U” in conformity with ČSN EN ISO 10077-1 No. U-018-15 drafted on 24.06.2015 by Notified Body No. 1389 - MENDELU, The Joinery Products Testing Institute in Zlín, Louky 304.

On the basis above mentioned Test reports has been issued Report of Initial type testing of product according to ČSN EN 14351-1+A1 No. 1389-CPR-024-15 drafted on 24.06.2015 by Notified Body No. 1389 - MENDELU, The Joinery Products Testing Institute in Zlín, Louky 304. The reports are inseparable parts of the Certificate.

Date of issue: 24th June 2015

Valid until: 24th June 2020



Ing. Miroslav Zapletal

Head of the Joinery Products Testing Institute