



CENTRUM STAVEBNÍHO INŽENÝRSTVÍ a.s.
workplace ZLÍN, K Cihelně 304, 764 32 ZLÍN - Louky

issues to

Applicant: „DOBROPLAST“ Fabryka Okien i Drzwi pcv Renata Kaczyńska
Laskowiec Stary 4, 18-300 Zambrów, Polska

CERTIFICATE

No. CV - 09 - 0107/Z

Product: Plastic external door type AVANTGARDE Windows

Manufacturer: see applicant

Description:

Design:	Single leaf external door opening outwards; Double leaf external door opening outwards
Frame / reinforcement	6011 (70x75)mm / 4014/4015 tl.1,25mm
Casement / reinforcement	6002 (70 x 103) mm / 4018 tl. 1,25 mm
Other profiles / reinforcement	Rabbet ledger 6025 / 4011 tl. 1,25 mm; transom 6021 / 4010 tl. 1,25 mm; treshold ALU A 750 + connection A 751
Glazing	Insulating double glazing of thickness 24 mm: GLASMAX FL 4 + TM 4; glazing bead 6030 with coextruder gasket, outer A-600 in the corners bent
Hardware	Multi-point hardware MACO 230 720, adjustable hinges ELEPHANT 110
Dimension - frame	1200 x 2400 mm; 2400 x 2400 mm

Results:

Title of the tested characteristic	Unit	Test method	Results
Resistance to wind load	(mm)	ČSN EN 12211	
single leaf - (p ₁ =1200 Pa; p ₂ =600 Pa; p ₃ =1800 (Pa)			(0,62 - 0,91)
double leaf - (p ₁ =800 Pa; p ₂ =400 Pa; p ₃ =1200 (Pa)			(12,46 - 12,48)
Gap air penetration		ČSN EN 1026	
single leaf 300 Pa $\leq l_{V,n} \leq 0,30 \cdot 10^{-4} (m^3)/(m.s.Pa^{0,67})$			0,10 · 10 ⁻⁴ m ³ /(s.m.Pa ^{0,67})
double leaf 150 Pa $\leq l_{V,n} \leq 0,87 \cdot 10^{-4} (m^3)/(m.s.Pa^{0,67})$			0,51 · 10 ⁻⁴ m ³ /(s.m.Pa ^{0,67})
Watertightness without penetration	(Pa)	ČSN EN 1027	150

This Certificate approves conformity of the above mentioned properties of the product values declared by the manufacturer.

It conforms to: ČSN EN 12210 Resistance to wind load – single leaf door Class C3,
double leaf Class A2;
ČSN EN 12207 Air permeability Class 2;
ČSN EN 12208 Watertightness Class 4B

Background documents: Test Report No. 373/08. CSI, a.s. Zlín, AO 212

The Certificate applies only for product which its specification is given in the Test Report in detail. The Certificate verifies the above mentioned product properties, however, it does not represent nor substitute the certification in accordance with Act No. 22/1997 Coll. on Technical Requirements for Products.

Date of issue: 13.03.2009
Valid till: 13.03.2011
Elaborated by: Miroslav Kofistka



RNDr. Josef Vrána, CSc.
Head of Workplace