

## Operational Parameters 009.4/2018/ standard windows

1. Product type identification code: **09 – AVANTGARDE 9000.**
  2. Intended use: Windows and balcony doors to be installed in residential and commercial buildings.
  3. Producer: DOBROPLAST Fabryka Okien Sp. z o.o., Stary Laskowiec 4, 18-300 Zambrów.
  4. System of assessment and verification of constancy of performance: AoC 3 System.
  5. Harmonised standard: EN 14351-1:2006+A1:2010.
- Notified bodies: Mobilne Laboratorium Techniki Budowlanej NB 2189; Centrum Stavebního Inženýrství NB 1390.

Characteristics	parameters
Wind resistance (single windows/single balcony doors)	Class C4
Wind resistance (double sash balcony doors)	Class C1,
Wind resistance (double, triple, and quadruple sash windows)	Class C4
Wind resistance (multiple sash windows)	Class A3
Waterproofness	Class 5A
Air permeability	Class 4
Load bearing capacity of safety devices	350 N
Sound reduction (tabular); windows/balcony doors, <b>3/16/3/16/3 glass</b>	maxRw=33(-1;-6)dB
Thermal transmittance: windows/balcony doors, <b>3/16/3/16/3 glass, Ug=0,60 W/m²K</b> (calculatingly, EN ISO 10077-1)	Uw ≤ 1,1 W/m²K
Hazardous materials – product meets the requirements of norm EN 14351-1:2006+A1:2010 in accordance with EC Regulation (EC) No 1907/2006 (REACH), Art. 33	

Signed on behalf of producer by:  
Jerzy Chrzanowski

Stary Laskowiec, 06.12.2018



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