



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

issues to

Applicant: STOLLAR SYSTEMY OKIENNE GODLEWSKA SPÓŁKA JAWNA
ul. Północna 50a, 16-400 Suwałki, Poland

CERTIFICATE

for the characteristic of the product
No. CV - 17 - 193/Z

Product: Plastic windows and casement door type GEALAN S 9000

Manufacturer: STOLLAR SYSTEMY OKIENNE GODLEWSKA SPÓŁKA JAWNA
ul. Północna 50a, 16-400 Suwałki, Poland

Description:

Design	Single-light and double-light windows and single-light casement doors
Frame and casement	Frame profile No. 6002 with reinforcement No. 6705, 6706, 6707, 6708, 6709, 6713, 6714, 6715, 6716, 6717, 6718, casement profile No. 6003 with reinforcement No. 6705, 6706, 6707, 6708, 6709, 6713, 6714, 6715, 6720, rabbet ledger No. 6012 with reinforcement No. 6711, 6729, 6730, mullion No. 8038, 8039, 8040, 8043 with reinforcement No. 6712, 6725, 6726, 6727, 6728, 6734
Glazing	IGU with composition: Optifloat 4 mm / 16 mm spacer TGI, Argon / Optitherm S3 4 mm with $U_g = 1,1$ and others IGU with the appropriate composition with $U_g = 1.1$, $U_g = 1.0$; $U_g = 0.9$; $U_g = 0.8$; $U_g = 0.7$; $U_g = 0.6$; $U_g = 0.5$; Glazing bead No. 6124, 6126, 6128, 6130, 6132, 6134, 6136, 6138, 6140, 6142, 6144, 6146, 6148, 6150, 6152 with coextruded gasket, outer gasket No. 3167
Gasket	Inner gasket No. 8187, middle gasket No. 6101 and outer gasket No. 3167
Hardware	Siegenia AUBI, typ TITAN AF

Result:

Title of the tested characteristic	Test method	Results
Air permeability	EN 1026	Class 4
Watertightness	EN 1027	Without penetration into 450 Pa and 600 Pa
Resistance to wind load (test pressure for loading class 2 – 5)	EN 12211	Relative frontal deflection < 1/200 or 1/300, functional, without visible deformation
Load-bearing capacity of safety devices	EN 14609	350 N
Thermal transmittance U_w (in the order listed U_g of IGU)	EN ISO 10077-1	1,1 / 1,1 / 1,0 / 0,93 / 0,86 / 0,80 / 0,73 W/(m ² .K)

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

It conforms to:	EN 12207 Air permeability:	Class 4
	EN 12208 Watertightness:	Class 8A - single-light windows Class 9A - single-light casement door Class 9A - double-light wind. and c. door
	EN 12210 Resistance to wind load:	Class C3/B4 - single-light windows Class C5/B5 - double-light windows Class C4/B4 - single-light casement door Class C2/B3 - double-light casem. door
	EN 14351-1+A1 Load-bearing capacity of saf. dev:	350 N
	ČSN 73 0540-2 Thermal transmittance:	$U_{N,20} \leq 1.5$ W/(m ² .K)

Background documents: Report about an assessment of the performance of the product No. 1390-CPR-0299-2014/Z – issued by CSI a.s. – NB 1390.

The Certificate applies only for product which its specification is given in the Test Report in detail. The Certificate verifies the above mentioned product characteristics, 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: 05.04.2017
Valid till: 30.04.2019
Elaborated by: Ing. Milan Helegda, Ph.D.



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Head of Workplace