



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

issues to

Applicant: STOLLAR SYSTEMY OKIENNE Godlewska sp. j.
ul. Północna 50a, 16-400 Suwalki, Polsko

CERTIFICATE

for the characteristic of the product
No. CV - 17 - 192/Z

Product: Plastic windows and casement door type GEALAN S 8000 IQ – Class B

Manufacturer: STOLLAR SYSTEMY OKIENNE Godlewska sp. j.
ul. Północna 50a, 16-400 Suwalki, Polsko

Description:

Design	Single-light and double-light windows and single-light casement doors
Frame and casement	Frame profile No. 8001, 8002, 8005 with reinforcement No. 771551, 871551, 871651, 871951, 872751 (thickness - 1,5 mm or 2 mm), or 779951 (thickness - 1,5 mm), casement profile No. 8090, 8095, 8096, 8097, 8099, with reinforcement No. 771551, 871651, 872751, 879051 (thickness - 1,5 mm or 2 mm), or 779951 (thickness - 1,5 mm), rabbet ledger No. 8302, 8304, 8080, with reinforcement No. 870251/875351
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 $U_g = 1,1$, $U_g = 1,0$, $U_g = 0,8$, $U_g = 0,7$, $U_g = 0,6$, $U_g = 0,5$, $U_g = 0,4$ Glazing bead No. 7114 / 7118 / 7119 / 7122 / 7124 / 7126 / 7128 / 7129 / 7130 / 7134 / 7136 / 7138 / 7139 / 7140 / 7142 / 7144 / 7146 / 7154 / 7156 / 7162 / 7164 / 7180 / 3108 with coextruded gasket
Gasket	Coextruded or threaded inner and outer gasket
Hardware	Siegenia AUBI, typ TITAN AF

Result:

Title of the tested characteristic	Test method	Results
Air permeability	ČSN EN 1026	Class 4
Watertightness	ČSN EN 1027	Without penetration into 300 Pa, 450 Pa and 600 Pa
Resistance to wind load (test pressure for loading class 3, 4, 5)	ČSN EN 12211	Relative frontal deflection < 1/200 or 1/300, functional, without visible deformation
Load-bearing capacity of safety devices	ČSN EN 14609	350 N
Thermal transmittance U_w (in the order listed U_g of IGU)	ČSN EN ISO 10077-1	1.3/ 1.2/ 1.0/ 0.98/ 0.91/ 0.84 W/(m ² .K)

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

It conforms to:	ČSN EN 12207 Air permeability: ČSN EN 12208 Watertightness: ČSN EN 12210 Resistance to wind load: ČSN EN 14351-1+A1 Load-bearing capacity of saf. dev.: ČSN 73 0540-2 Thermal transmittance:	Class 4 Class 7A casement door, Class 8A double-light windows Class 9A single-light windows Class C5/B5 single-light windows, Class C4/B4 double-light windows, Class C3/B3 casement door 350 N $U_{N,20} \leq 1.5$ W/(m².K)
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Background documents: Initial type testing report No. 1390-CPD-012-13/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.



Ing. Vladan Panovec
Head of Workplace