



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

issues to

Applicant: DoorHan s.r.o.
Královský vrch 2018, 432 01 Kadaň

CERTIFICATE

on the characteristic of the product
No. CV - 12 - 391/Z

Product: Vertically sliding sectional doors, manually and power operated,
type designation RSD 01
Manufacturer: see applicant

Description:

Design	Single leaf door, with vertical sliding movement of the main closing edge
Composition of leaf	Solid steel sections with polyurethane insulation, flashing on the sides of sections dipped galvanized steel sheet, bolted together with brackets of travel rollers. On the bottom section is riveted aluminum profile for the deployment of bottom EPDM gasket, upper section with riveted aluminum profile.
Thickness of leaf (sandwich)	40 mm
Built-in elements	Without built-in door/gate, without windows
Total maximum size of leaf	Width - 3 000 mm, height - 2 700 mm, 8 m ²
Door frame, hardware, guide	On the sides is pair of vertical rails, ie. guides of the sheet metal galvanized profile J, screwed to the supporting galvanized metal frame profile L - fixed to the jamb. Two pairs of horizontal rails, which the lower tie together on the vertical guides and the upper rails leads only the top pair rollers of upper section.
Hinges	The sections are joined together in the middle by sheet metal bolted flanges with rotating cylindrical hinges; on the sides are always one-bank of side hinges integrated on the brackets of guide rollers.
Leaf gasket	On the bottom side, on the main closing edge is single-chamber EPDM gasket
Top and side rubber gasket	Top and side profiled rubber black gasket; Side gasket is set in sheet metal profiled door frame type L.
Threshold	Construction without threshold

Result:

Title of the tested characteristic	Unit	Test method	Results
Resistance to wind load $p_{ref} = \pm 1\,000\text{ Pa}$; $p_{bezp} = \pm 1\,250\text{ Pa}$	(mm)	ČSN EN 12 444	functional, without wear, permanent frontal displacement < 2 ‰ width of leaf
Thermal transmittance U_G	W/(m ² .K)	ČSN EN ISO 10077-1 ČSN EN 12 428	1.2

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

It conforms to: ČSN EN 12 424, wind load **Class ± 4**
It conforms to: ČSN 73 0540-2, thermal transmittance **$U_{N(G)} = \leq 1.7\text{ W/(m}^2\text{.K)}$ for heating area**

Background documents: Initial type testing report No.1390-CPD-0052-12/Z, 28.2.2012 issued by CSI a.s. Zlín, NB 1390, Test report No. 063/12, 10.02.2012, issued by CSI a.s. Zlín

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: **07.06.2012**
Valid till: **07.06.2014**
Elaborated by: Ing. Vratislav Glos



RNDr. Josef Vrána, CSc.
Head of Workplace