

Declaration of Performance

No. SLAVO 01/2016



Product:

Wooden windows and balcony doors single type, PROGRESSION

Type designation: DOP PROGRESSION PRG115

Intended use: Wooden maintenance-free windows and patio doors, with frame covered by insulated facade. Designed for residential and non-residential buildings except fire zones and escape routes. Protects against adverse weather conditions. PROGRESSION profile is intended primarily for low-energy and Passive Houses. The advantage is also the minimalist look of frameless glazing.

Producer:

SLAVONA, Ltd.

Stálkovská 258 378 81 Slavonice, Czech Republic

ID: 26140772

The system of assessment and verification of constancy: System 3

The Joinery Products testing Institute in Zlín, Faculty of Forestry and Wood Technology, Mendel University of Brno, (Notified Body no. 1389) conducted an assessment of the performance of the product according to system 3 and issued a protocol for assessing the performance of the product and the product classification according to EN 14351-1 A1 + no. 1389-CPR-031.1-15 dated August 19, 2015.

Determination of thermal transmittance according to EN 12412-2 and published test protocol no. 026/16 of 8 February 2016 and Protocol for calculating no. V-006/16 according to EN ISO 10077-1 on February 8, 2016 was carried out by Notified Body no. 1390 - CSI as, Prague, workplace Zlín, K Cihelně 304, 764 32 Zlín - Louky

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Basic standard	Property	Harmonised standard
Resistance to wind load	Class C5 – Single casement window Class C4 - Double and triple casement window Class C4 - Single, double and triple balcony doors	EN 14351-1:2006+A1:2010
Water tightness	Class E1650- Single casement window Class E750- Double and triple casement window Class E750- Single, double and triple balcony doors	
Hazardous substances	None	
Load bearing capacity of safety devices	Pass (without distortion)	
Height and width	NPD	
Acoustic properties	NPD	
Thermal transfer coefficient [W/m ² .K]	0.61 with glazing Ug=0.5, standard triple glazing 0.69 with glazing Ug=0.6, high solar gain triple glazing	
Solar gain factor	0,54 standard triple glazing 0,62 high solar gain glazing	
Light transmittance	0,74 standard triple glazing 0,73 high solar gain triple glazing	
Air permeability	Class 4	

The manufacturer declares that the characteristics of the above product are in agreement with those listed in the table of the declaration of performance


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Slavonice 12. 2. 2016


Libor Kamír
 Managing Director

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Detailed specification of triple glazed units

Název typu výplně	g	τ_v	U_g	U_w
	[-]	[-]	[W.m ² .K ⁻¹]	[W.m ² .K ⁻¹]
CLIMATOP XN: 4XN - 18 - 4 - 18- 4XN, argon	0,54	0,74	0,5	0,60
CLIMATOP XN: 6XN - 18 - 4 - 18- 4XN, argon	0,53	0,74	0,5	0,60
CLIMATOP XN: 6XN - 18 - 4 - 18- 6XN, argon	0,53	0,74	0,5	0,60
CLIMATOP XN: 6XN - 18 - 6 - 18- 6XN, argon	0,53	0,73	0,5	0,60
CLIMATOP XN: VSG 33.2 XN - 18 - 4 - 18- 4XN, argon	0,50	0,74	0,5	0,60
CLIMATOP XN: VSG 33.2 XN - 18 - 4 - 18- 6XN, argon	0,50	0,73	0,5	0,60
CLIMATOP XN: 4XN - 18 - 4 - 18- VSG33.2 XN, argon	0,54	0,73	0,5	0,60
CLIMATOP XN: 6XN - 18 - 4 - 18- VSG33.2 XN, argon	0,53	0,73	0,5	0,60
CLIMATOP XN: 6XN - 18 - 6 - 18- VSG33.2 XN, argon	0,53	0,72	0,5	0,60
CLIMATOP XN: 4XN - 18 - 4 - 18- VSG44.2 XN, argon	0,54	0,73	0,5	0,60
CLIMATOP XN: 6XN - 18 - 4 - 18- VSG44.2 XN, argon	0,53	0,72	0,5	0,60
CLIMATOP XN: 6XN - 18 - 6 - 16- VSG44.2 XN, argon	0,53	0,72	0,5	0,60
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CLIMATOP LUX: 4LUX - 18 - 4 - 18 - 4LUX, argon	0,62	0,73	0,6	0,68
CLIMATOP LUX: 6LUX - 18 - 4 - 18 - 4LUX, argon	0,60	0,72	0,6	0,68
CLIMATOP LUX: 6LUX - 18 - 4 - 18 - 6LUX, argon	0,60	0,71	0,6	0,68
CLIMATOP LUX: 6LUX - 18 - 4 - 18 - 44.2LUX, argon	0,59	0,70	0,6	0,68
CLIMATOP LUX: VSG 44.2 LUX - 18 - 4 - 18 - 4LUX, argon	0,56	0,72	0,6	0,68
CLIMATOP LUX: VSG 44.2 LUX - 18 - 4 - 18 - 6LUX, argon	0,56	0,71	0,6	0,68
CLIMATOP LUX: 4LUX - 18 - 4 - 18 - VSG332LUX, argon	0,62	0,72	0,6	0,68
CLIMATOP LUX: 6LUX - 18 - 4 - 18 - VSG332LUX, argon	0,61	0,72	0,6	0,68
CLIMATOP LUX: 6LUX - 18 - 6 - 18 - VSG332LUX, argon	0,60	0,71	0,6	0,68
CLIMATOP LUX: 4LUX - 18 - 4 - 18 - VSG442LUX, argon	0,62	0,72	0,6	0,68
CLIMATOP LUX: 6LUX - 18 - 4 - 18 - VSG442LUX, argon	0,61	0,71	0,6	0,68
CLIMATOP LUX: 6LUX - 18 - 6 - 16 - VSG442LUX, argon	0,60	0,71	0,6	0,68
CLIMATOP LUX: 8LUX - 16 - 6 - 16 - VSG442LUX, argon	0,59	0,70	0,7	0,75
Guardian "solar" 4nrG - 18 - 4 - 18 - 4nrG, argon	0,62	0,73	0,6	0,68
Guardian "solar" 6nrG - 18 - 4 - 18 - 4nrG, argon	0,61	0,73	0,6	0,68
Guardian "solar" 6nrG - 18 - 4 - 18 - 6nrG, argon	0,60	0,73	0,6	0,68
Guardian "solar" 6nrG - 18 - 6 - 18 - 6nrG, argon	0,60	0,72	0,6	0,68
Guardian "solar" VSG33.1nrG-18-4-18-4nrG	0,59	0,73	0,6	0,68
Guardian "solar" VSG44.2nrG-18-4-18-4nrG	0,57	0,73	0,6	0,68
Guardian "solar" VSG44.2nrG-16-4-16-6nrG	0,57	0,72	0,7	0,75
Guardian "solar" VSG44.2nrG-16-4-16-VSG44.2nrG	0,57	0,72	0,7	0,75
Guardian "solar" VSG44.2nrG-14-6-14-VSG44.2nrG	0,57	0,71	0,8	0,83
Guardian "solar" 4nrG - 18 - 4 - 18 - VSG33.2 nrG, argon	0,62	0,73	0,6	0,68
Guardian "solar" 6nrG - 18 - 4 - 18 - VSG33.2 nrG, argon	0,61	0,72	0,6	0,68
Guardian "solar" 6nrG - 18 - 6 - 18 - VSG33.2 nrG, argon	0,60	0,72	0,6	0,68
Guardian "solar" 4nrG - 18 - 4 - 18 - VSG44.2 nrG, argon	0,62	0,73	0,6	0,68
Guardian "solar" 6nrG - 18 - 4 - 18 - VSG44.2 nrG, argon	0,61	0,72	0,6	0,68
Guardian "solar" 6nrG - 18 - 6 - 16 - VSG44.2 nrG, argon	0,60	0,72	0,6	0,68