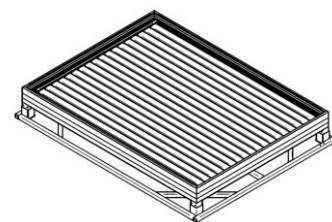




TEST CERTIFICATE № TC01-00706/23/Z00NZE-EN

MANUFACTURER /
/ SYSTEM
PROVIDER:PORTOS TR7 Sp. z o.o. sp. k.
Złota street 71
62-800 Kalisz – PolandSYSTEM:
PRODUCT:PERGOLA PR6000 HT
Pergola made of aluminum profiles with filling in the form
of aluminum movable roof slats, type: PR6000-HT SINGLE
external dimensions (width x height - overhang):
4500 x 3410 mmCONSTRUCTION
OF THE TEST
MODEL:Construction: perimeter profiles (gutter) with catalogue number: PRP-010 220x150x3,5 mm, made of aluminum alloy EN-AW 6063 grade, T6 condition, 2x guide rail with catalogue number: PRP-100 65x30x4+6,3 mm, length: 3100 mm made of aluminum alloy EN-AW 6063 grade, T6 condition, lamella pins with catalogue number: PRT-150, Ø14x150 mm, made of stainless steel 1.4301 grade
Filling: roof slats of catalogue number: PRP-080 199x52,5x1,5+2 mm, length: 4280 mm, smoothly adjusted by the motor, with opening angle from 0 to 90 degrees, made of aluminum alloy EN-AW 6063 grade, T6 condition
Sealing of the slat joint: type A gasket with catalogue number: PRU-020, made of EPDM
Drainage: 2 holes in corners with a diameter of 50 mm
Maximum area of pergola: 15.35 m²

BUILDING ELEMENTS ENGINEERING DEPARTMENT OF THE BUILDING RESEARCH INSTITUTE confirms testing in scope of tightness and strength-functional of pergola with opening angle of the lamella 0° of the above system

Scope of tests		Class/ Test result	Classification standard / / Reference document
Property	Test method		
1	Resistance to load due to water accumulation (with an angle of inclination of the lamellas: 0° to the horizontal)	PN-EN 13561:2015-07 + PN-EN 1933:2005 Class 2 [56 l/(m²*h)] Water column height: 15 mm	PN-EN 13561:2015-07 + + PN-EN 1933:2005
2	Resistance to wind load (method 1)	PN-EN 13561:2015-07 + PN-EN 1932:2013-09 Class 6: Nominal wind pressure value: p_N = 400 [N/m²] Safety wind pressure value: p_S = 480 [N/m²]	PN-EN 1932:2013-09
3	Resistance to snow load	Own ITB No damage for load of value 1,30 kN/m² Displacement on the perimeter profile – gutter in the middle of the length of the model: 5,49 mm	PN-EN 1991-1-3:2005
NOTE: - The method of placing the product on the market, product assessment, reference document and / or adopted system for assessing and verifying the constancy of performance, entries in the declaration of performance is the manufacturer's responsibility. - The declared properties of the product should be appropriate to the declared scope of application and consistent with the regulations of the country in which the product is introduced. - According to PN-EN 13561:2015-07 the scope of the tests above concerns a pergola supported on self-supporting non-system extreme front columns, fixed single-sided to the building. The structural part (columns, wall) to which the pergola (roof) is attached should be made on the basis of a technical design developed for a given solution, taking into account the technical and construction standards and regulations applicable in a given country.			

The results and a detailed description of the tested product can be found in the Test Report LZE01-00706/23/Z00NZE-EN.

Person responsible for tests:

Piotr Frąckiewicz, MSc.

Authorizing person

Head of Building Elements Engineering
Department of the Building Research
Institute:

Marzena Jakimowicz, MSc.

Marzena Jakimowicz, MSc.

Warszawa, 29.12.2023

Validity date: 29.12.2026

The document expires in accordance with the date of validity of the certificate or in the event of a change in the manufactured assortment, component materials and / or manufacturing technology. The test certificate No. TC01-00706/23/Z00NZE-EN is a document confirming the obtained test results in the scope of the tested properties and is not a marketing authorization document. The placing on the market and use should comply with the applicable laws and regulations of the place of use.

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