

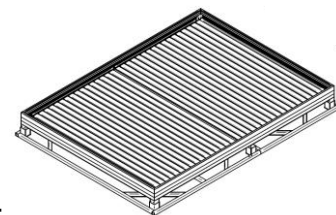


TEST CERTIFICATE № TC02-00706/23/Z00NZE-EN

**MANUFACTURER /
/ SYSTEM
PROVIDER:** PORTOS TR7 Sp. z o.o. sp. k.
Złota street 71
62-800 Kalisz – Poland

SYSTEM: PERGOLA PR6000 HT

PRODUCT: Pergola made of aluminum profiles with filling in the form of aluminum movable roof slats, type: PR6000-HT DOUBLE
external dimensions (width x height - overhang):
4500 x 6060 mm



**CONSTRUCTION
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, 4x guide rail with catalogue number: PRP-100 65x30x4+6,3 mm, length: 2760 mm made of aluminum alloy EN-AW 6063 grade, T6 condition, lamella pins with catalogue number: PRT-150 ϕ 14x150 mm, made of stainless steel 1.4301 grade
Filling: roof slats of catalogue number: PRP-080 199x52,5x1,5+2 mm, of length: 4280 mm, smoothly regulated by two independent motors, 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: 4 holes in corner with a diameter of 50 mm, 18 (9x2) holes in the middle profile with a diameter of 10 mm
Maximum area of pergola: 27,27 m²
Product family: Pergola made of aluminum profiles with filling in the form of aluminum movable roof slats, type: PR6000-HT DOUBLE, supported on self-supporting non-system extreme front columns (with additional self-supporting non-system extreme columns in the middle of the height dimension - overhang with cross-sectional dimensions (width x height x thickness): 150x150x4 mm), fixed single-sided to the building
external dimensions (width x height – overhang): 4500 x 7000 mm
Maximum area of pergola: 31.5 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 test			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: 14 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 4: Nominal wind pressure value: p _N = 170 [N/m ²] Safety wind pressure value: p _S = 204 [N/m ²]	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: 38,95 mm	PN-EN 1991-1-3:2005
NOTE:				
<ul style="list-style-type: none"> - 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 LZEO2-00706/23/Z00NZE-EN.

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Person responsible for tests:

Piotr Fraćkiewicz, MSc

Authorizing person:

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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. **TC02-00706/23/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.

