

No. \_\_\_\_\_

Date \_\_\_\_\_



Annex to the Technical Construction Regulation STR 1.01.04:2013, "Assessment, testing and declaration of the performance and stability of construction products that are not covered by harmonized technical specifications. Designation of testing labs and certification institutions".

## DECLARATION OF PERFORMANCE

- Product:** external timber frame panel with straw thermal insulation.
- Type:** wall panel T1 – 300.120.40. **Place of manufacture:** Kaimelės g. 2, Kaunas, Lithuania.
- Technical specification applied to product:** National Technical Evaluation NTĮ-01-061:2013.  
Prepared and issued by the Lithuanian state enterprise Statybos Produkcijos Sertifikavimo Centras, a member of EOTA.
- Intended use of product:** for the construction of external walls in residential and non-residential buildings.
- Manufacturer:** Ecocon, UAB, Dievogalos g. 69, Dievogalos km., LT-53425 Kauno reg., company code 302094574.
- Assessment and testing system for performance stability of a construction product:** 2+.
- The certifying institution Inspecta, UAB, conducted an initial inspection of the factory and the control of internal production. The institution also continually supervises and assesses the control of internal production according to the 2+ system, and has issued control conformity certificate No. 04-14-007 (10/01/2014).**
- Declared performance:** The declared performance characteristics are achieved if the straw panel is covered by a 6 cm thick Steico Protect timber fibre panel on the external surface and is plastered with a 3 cm thick layer of clay on the internal surface.

Performance	Declared value	Technical specification
Load-bearing power: - under a vertical load of medium duration - under a vertical load of short-term duration - under a vertical load of short-term duration and a horizontal load: - 1.8 kN/m <sup>2</sup> - 2.1 kN/m <sup>2</sup> - 2.4 kN/m <sup>2</sup> - under a horizontal load of momentary duration - under short-term or momentary shearing	36.9 kN/m 41.45 kN/m  29.5 kN/m 25.8 kN/m 22.2 kN/m 5.05 kN/m <sup>2</sup>  0	LST EN 1990, LST EN 1991-1-1, LST EN 1995-1-1
Reaction-to-fire classification	B-s1,d0	LST EN 13501-1
Thermal resistance R <sub>D</sub>	8.1 (m <sup>2</sup> ·K)/W	STR 2.01.03:2009 LST EN ISO 6946
Airborne sound insulation indicator R <sub>w</sub> (C;C <sub>tr</sub> ;C <sub>100-5000</sub> )	54 (-1;-3;0)	LST EN ISO 10140-(1,2,4,5), LST EN ISO 717-1
Maintenance of humidity	sufficient	STR 2.05.01, 2 annex
Water tightness	ensured	NTĮ-01-061:2013, 5.3.2 p.
Air permeability	ensured	NTĮ-01-061:2013, 5.6.2 p.
Durability	sufficient	NTĮ-01-061:2013, 5.7 sk.
Harmful substances	satisfactory	Requirements of Directive 98/8/EC for biocidal products

The performance characteristics of the product indicated in point 8. 1 and 2 conform to the performance characteristics of the product declared in point 7.

The issuance of this performance declaration falls under the sole responsibility of the manufacturer indicated in point 5.

  
Signed by Marius Tarvydas, Director of Ecocon, UAB



Issued in Odminių g. 10-9, Vilnius, Lithuania.

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