

DECLARATION OF PERFORMANCE

Nr. BP-21-12/14-EN

1. Unique identification code of the product-type:

Formed Expanded polystyrene board EPS 100 GEO

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) of the Construction Products Regulation (CPR):

See product label

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

Thermal insulation of buildings

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5) of the CPR:

UAB “Baltijos polistirenas”, S. Lozoraičio St. 15A, Garliava, Kaunas district, Lithuania, LT-53229, Tel.: +370 37 551 518

5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2) of the CPR:

Not applicable

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:

System 3

7. In case of the declaration of performance concerning a construction product covered by a harmonized standard:

Notified testing laboratory No. 1688 performed the report 1688-CPR-2120 and notified testing laboratory Nr. 1796 performed the report 20-8.2021.24N for declared characteristics

8. Declared performance:

Essential characteristics		Performance and characteristics	Harmonized technical specification
Thermal resistance R_D	d_N 53 mm	1,45 m ² ·K/W	EN 13163:2012+A1:2015
	d_N 100 mm	2,75 m ² ·K/W	
	d_N 150 mm	4,15 m ² ·K/W	
	d_N 200 mm	5,55 m ² ·K/W	
Board dimensions		1200 x 600 x d_N	
Thermal conductivity, λ_D EN 12667:2002		≤ 0.036 W/(m·K)	
Compressive stress at 10% deformation, CS(10)100 EN 826:2013		≥ 100 kPa	
Bending strength, BS150 EN 12089:2013		≥ 150 kPa	
Tensile strength perpendicular to faces, TR200 EN 1607:2013		≥ 200 kPa	
Long term water absorption by total immersion, WL(T)2 EN ISO 16535		≤ 2 %	
Dimensional stability under laboratory conditions, DS(N)2 EN 1603:2013		± 0.2 %	
Reaction to fire EN 13501-1:2019		E	
Classes of dimensional tolerances			EN 13163:2012+A1:2015
Length tolerances, L(2) EN 822:2013S		± 2 mm	
Width tolerances, W(2) EN 822:2013		± 2 mm	
Thickness tolerances, T(2) EN 823:2013		± 2 mm	

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by
Mantas Sakalauskas, Head of Quality
Kaunas 2021 12 17

