

DECLARATION OF PERFORMANCE

No. BP-23-03/007/EN

1. Unique identification code of the product-type:

Polyisocyanurate (PIR) uniPIR insulation board, covered by aluminum foil on both sides

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 products for building applications.

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 g. 15A, Garliava, LT-53229, Lithuania, Tel.: +370 37 551 423.

Production department: J. Basanavičiaus g. 122, Utena, LT-28214, Lithuania.

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 reports 1688-CPR-1914, 1688-CPR-2210 and 1688-CPR-2301; Notified testing laboratory Nr. 1796 performed the report 20-5.2022.24N for declared characteristics.

8. Declared performance:

Essential characteristics	Performance and characteristics	Harmonized technical specification
Thermal resistance R_D	d_N 50mm	$\geq 2.25 \text{ m}^2 \cdot \text{K/W}$
	d_N 80mm	$\geq 3.60 \text{ m}^2 \cdot \text{K/W}$
	d_N 100mm	$\geq 4.50 \text{ m}^2 \cdot \text{K/W}$
	d_N 120mm	$\geq 5.45 \text{ m}^2 \cdot \text{K/W}$
	d_N 140mm	$\geq 6.35 \text{ m}^2 \cdot \text{K/W}$
	d_N 150mm	$\geq 6.80 \text{ m}^2 \cdot \text{K/W}$
	d_N 160mm	$\geq 7.25 \text{ m}^2 \cdot \text{K/W}$
Board dimensions	1100 x 2400 x d_N	LST EN 13165:2012 + A2:2017
	1100 x 600 x d_N	
Thermal conductivity, λ_D EN 12667:2002	$\leq 0.022 \text{ W}/(\text{m} \cdot \text{K})$	
Compressive stress at 10% deformation CS(10)130 EN 826:2013	$\geq 130 \text{ kPa}$	
Tensile strength perpendicular to faces TR70 EN 1607:2013	$\geq 70 \text{ kPa}$	
Long term water absorption by immersion WL(T)1 EN ISO 16535	$\leq 1 \%$	
Water vapor resistance factor μ EN 12086:2013	500	
Dimensional stability under specified temperature and humidity DS(70,90)4 EN 1604:2013	Level 4/4	
Dimensional stability under specified temperature DS(-20,-)2 EN 1604:2013	Level 2/2	
Deformation under specific compressive load and temperature DLT(2)5 EN 1605:2013	$\leq 5 \%$	
Reaction to fire EN 13501-1:2019	D-s2, d0	
Average density EN ISO 29470	$40 \pm 3 \text{ kg/m}^3$	
Classes of dimensional tolerances		
Thickness tolerances T(2) EN 823:2013	$\pm 2 \text{ mm}$	
Flatness tolerances W(5) EN 825:2013	$\pm 5 \text{ mm}$	

9. The performance of the product identified in points 1 and 2 conforms 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, Research and Development Director
Kaunas March 01st, 2023

