

DECLARATION OF PERFORMANCE No. LT-U-25-04/306/EN

1. Unique identification code of the product-type:

BEWI conPIR

2. Intended use/es:

Thermal insulation for roof, wall, floor, underground, etc.

3. Manufacturer:

UAB "BEWI Lithuania", S. Lozoraičio g. 15A, Garliava, LT-53229, Lithuania.

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

4. System/s of AVCP:

System 3 for all declared values

5a. Harmonised standard:

EN 13165:2012 + A2:2016

Notified body/ies:

**No. 1688 VGTU Statybos fakulteto Statybinių medžiagų instituto
Termoizoliacinių medžiagų ir akustikos laboratorija**

No. 1796 Gaisrinių tyrimų centras

6. Declared performance:

Essential characteristics	Performance and characteristics	
Thermal resistance R_D	d_N 40mm	$\geq 1.80 \text{ m}^2 \cdot \text{K}/\text{W}$
	d_N 50mm	$\geq 2.25 \text{ m}^2 \cdot \text{K}/\text{W}$
	d_N 60mm	$\geq 2.70 \text{ m}^2 \cdot \text{K}/\text{W}$
	d_N 80mm	$\geq 3.60 \text{ m}^2 \cdot \text{K}/\text{W}$
	d_N 100mm	$\geq 4.50 \text{ m}^2 \cdot \text{K}/\text{W}$
	d_N 120mm	$\geq 5.45 \text{ m}^2 \cdot \text{K}/\text{W}$
	d_N 140mm	$\geq 6.35 \text{ m}^2 \cdot \text{K}/\text{W}$
	d_N 150mm	$\geq 6.80 \text{ m}^2 \cdot \text{K}/\text{W}$
	d_N 160mm	$\geq 7.25 \text{ m}^2 \cdot \text{K}/\text{W}$
	d_N 180mm	$\geq 8.15 \text{ m}^2 \cdot \text{K}/\text{W}$
	d_N 200mm	$\geq 9.05 \text{ m}^2 \cdot \text{K}/\text{W}$
Board dimensions	1100 x 2400 x d_N	
	1100 x 600 x d_N	
Thermal conductivity, λ_D	$\leq 0.022 \text{ W}/(\text{m} \cdot \text{K})$	

Essential characteristics		Performance and characteristics
EN 12667:2002		
Compressive stress at 10% deformation CS(10)100 EN 826:2013	d _N 50-160mm	Compressive stress at 10% deformation CS(10)100 EN 826:2013
	d _N > 160 mm	≥ 140 kPa
Tensile strength perpendicular to faces TR70 EN 1607:2013		≥ 70 kPa
Long term water absorption by immersion WL(T) EN ISO 16535		NPD
Long term compression strength EN ISO 16534:2020		NPD
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		≤ 5 %
Reaction to fire EN 13501-1:2019		F (NPD)
Average density EN ISO 29470		40 ± 3 kg/m ³
Classes of dimensional tolerances		
Thickness tolerances T(2) EN 823:2013		± 2 mm
Flatness tolerances W(5) EN 825:2013		± 5 mm

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by
Sigita Bagdanovienė, Quality manager
Utena April 30th, 2025

