

DECLARATION OF PERFORMANCE

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No. 1/UN/SOFT

Edition 2

1. Unique identification code of product type:

INSULATION BOARD MADE OF RIGID POLYISOCYANURATE FOAM PIR-SOFT LE
EN 13165-T2-DS(70,90)3-DS(-20,-)1-CS(10\Y)150-TR80-WL(T)2-DLT(2)5

2. Intended use:

Thermal insulation in the construction industry.

3. Manufacturer

PaNELTECH Sp. z o.o.
ul. Michałkowicka 24
41-508 Chorzów

4. System of Assessment and Verification of Constancy of Performance:

System 3

5. Harmonised standard:

EN 13165:2012+A2:2016

Notified Body/ies:
0751, 1136 & 1173

6. Declared performance:

Table 1

Essential characteristics	Performance	Declared level/ class/ limit value/ NPD ¹⁾	Harmonised technical specification
Thermal resistance	Thermal resistance R_D	See table 2 0,022 [W/mK]	EN 13165:2012 +A2: 2016
	Thermal conductivity coefficient λ_D		
	Thickness d_N	T(2) (± 2 mm) d_N (See table 2)	
Reaction to fire	Reaction to fire	E	
Durability of reaction to fire against heat, weathering, ageing / degradation.	Durability of properties	The reaction to fire does not change with time	
Durability of thermal resistance against heat, weathering, ageing / degradation	Durability of properties	DS(70,90)3	
		DS.(-20,-)1	
	Deformation under certain load and temperature conditions	DLT(2)5	
Compressive strength	Compressive stress level	CS(10\Y)150	

PREZES Zarządu

mgr Marek Skowron

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Essential characteristics	Performance	Declared level/ class/ limit value/ NPD ¹⁾	Harmonised technical specification
Tensile strength	Tensile strength perpendicular to the faces	TR80	EN 13165:2012 +A2: 2016
Durability of compressive strength against ageing and degradation	Compressive creep	NPD	
Water permeability	Water absorption with prolonged immersion	WL(T)2	
	Flatness after one-sided wetting	NPD	
Water vapour permeability	Water vapour transmission	NPD	
Impact sound insulation index (for floors)	Dynamic stiffness	NPD	
	Thickness, d _L	NPD	
	Compressibility, c	NPD	
Continuous glowing combustion	Continuous glowing combustion	NPD	
Release of hazardous substances to the internal environment	Release of dangerous substances	NPD	

¹⁾ No Performance Determined

Table 2 Summary of thermal resistance as a function of thickness

Thickness, d_N [mm]	50	60	80	100	120	140	150	160	180	200
Thermal resistance, R_D [m ² K/W]	2,25	2,70	3,60	4,50	5,45	6,35	6,80	7,25	8,15	9,05

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:

Chorzów, 10.06.2025 r

(name and position)

PREZES ZARZĄDU

mgr Marek Skowron

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