

DECLARATION OF PERFORMANCE

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No. 58//SOFT

Edition 6

1. Unique identification code of product type:

PANELTECH PIR-SOFT INSULATION PANELS MADE OF RIGID POLYURETHANE FOAM
EN 13165-T2-DS(70,90)2-CS(Y)120-FW2-WL(T)2

2. Intended use:

Thermal insulation in building industry.

3. Manufacturer:

Paneltech Sp. z o.o., 41-508 Chorzów, ul. Michałkowicka 24, Poland.

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

System 3

5. Harmonised standard:

PN EN 13165+A2 2016-08

Notified Body/ies:

- Building Research Institute (ITB) (Notified Body no. 1488)
- Institute of Mechanised Construction and Rock Mining – No. 1454

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	PN-EN 13165+A2:2016-08
	Thermal conductivity coefficient λ_D	0.023 [W/mK]	
	Thickness d_N	T(2) (± 2 mm) d_N (See table 2)	
Reaction to fire	Reaction to fire	E	
Durability of reaction to fire as a function of heat, weather, ageing / degradation.	Durability of properties	E	
Durability of thermal resistance as a function of heat, weather, ageing / degradation	Thermal resistance R_D	See table 2	
	Declared thermal conductivity coefficient λ_D	0.023 [W/mK]	
	Durability of properties	DS(70,90)2	
Compressive strength	Compressive stress level	CS(Y) 120	

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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	NPD	PN-EN 13165+A2:2016-08
Durability of compressive strength as a function of ageing and degradation	Creep when squeezed	NPD	
Water permeability	Water absorption with prolonged immersion	WL(T)2	
	Flatness after one-sided wetting	FW2	
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

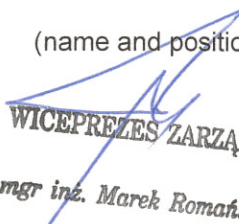
Thickness, d_N [mm]	60	80	100	120
Thermal resistance, R_D [m ² K/W]	2,60	3,45	4,35	5,20

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, 12.05.2023 r

(name and position)


WICEPREZES ZARZĄDU
mgr inż. Marek Romański