

Declaration of Performance No. 017-DoP-170630

1. Unique identification code of the product – type:

SUPERAKUSTIC podłoga EPS T EPS-EN 13163-T(1)-L(3)-W(3)-S(5)-BS50-DS(N)5-DS(70,90)5-SD(20-40)-CP3

2. Intended use/es:

Thermal and sound insulation for buildings.

3. Manufacturer:

Termo Organika Sp. z o.o.
ul. B. Prusa 33, 30-117 Kraków, Poland

4. System/s of AVCP:

System 3

5. Harmonised standard:

Harmonised standard: EN 13163:2012+A1:2015

Notified body/ies: ITB – Instytut Techniki Budowlanej (notified body No. 1488)

6. Declared performances:

Table 1

Essential characteristics	Performance	Declared level / Classe / Limit values/ /NPD ¹⁾	Harmonised technical specification
Thermal resistance	Thermal resistance R_D Declared thermal conductivity λ_D	See Table 2 0,045 [W/mK]	EN 13163:2012+A1:2015
	Thickness, d_N	NPD	
Reaction to fire	Reaction to fire	E	
Durability of reaction to fire against heat, weathering, ageing/degradation	Durability characteristics ^{c 2)}	E	
Durability of thermal resistance against heat, weathering, ageing/degradation	Thermal resistance $R_D^{(3)}$ Declared thermal conductivity $\lambda_D^{(3)}$	See Table 2 0,045 [W/mK]	
	Durability characteristics	DS(70,90)5 Relative change of thickness	
Compressive strength	Compressive stress at 10 % deformation	NPD	
Tensile/Flexural strength	Bending strength	BS50 (≥ 50 kPa)	
	Tensile strength perpendicular to faces	NPD	
Durability of compressive strength against ageing and degradation	Compressive creep	NPD	
	Freeze-thaw resistance	NPD	
	Long term thickness reduction	NPD	
Water permeability	Long term water absorption by immersion	NPD	
	Long term water absorption by diffusion	NPD	
Water vapour permeability	Water vapour transmission	NPD	
Impact noise transmission index (for floors)	Dynamic stiffness	See Table 2	
	Thickness, d_L	T(1) min. -5% or -1 mm, max +15% or +3 mm ⁴⁾	

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Essential characteristics	Performance	Declared level / Classe / Limit values/ /NPD ¹⁾	Harmonised technical specification
		d _L (See Table 2)	
	Compressibility, c	CP3	
Continuous Glowing combustion	Continuous Glowing combustion	NPD	EN 13163:2012+A1:2015
Release of dangerous substances to the indoor environment	Release of dangerous substances ⁵⁾	NPD	
¹⁾ No Performance Determined ²⁾ The fire performance of EPS does not deteriorate with time ³⁾ Thermal conductivity and thermal resistance of EPS products do not change with time ⁴⁾ Whichever gives the greatest numerical tolerance ⁵⁾ European test methods are under development			
Additional information in form of instructions and technical data sheets are available on the manufacturer's website www.termoorganika.pl			

Table 2

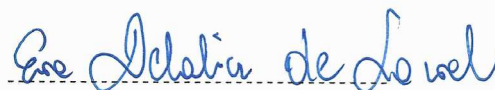
Thickness d _L , mm	17	22	27	33	38	43	53
Thermal resistance R _D , [m ² K/W]	0,35	0,45	0,60	0,70	0,80	0,95	1,15
SD[MN/m ³]	40	30	30	30	20	20	20

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:

Ewa Delalicz de Lawal, Plenipotentiary of the Board for FPC

in Kraków, 30.06.2017



Note: This is the translation of the Declaration of Performance issued originally in Polish