

Declaration of performance No.:17/11/2014/CPR

1. Unique identification code of the product - type

SUPERAKUSTIC podłoga EPS T EPS-EN 13163-T(1)-L(3)-W(3)-Sb(5)-BS50-DS(N)5-SD(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

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
Reaction to fire	Reaction to fire	E	EN 13163:2012
Continuous Glowing combustion	Continuous Glowing combustion	NPD	
Water permeability	Water permeability	NPD	
Release of dangerous substances to the indoor environment	Release of dangerous substances ²⁾	NPD	
Direct airborne sound insulation index	Dynamic stiffness	See Table 3	
Acoustic absorption index	-	NPD	
Impact noise transmission index (for floors)	Dynamic stiffness	See Table 3	
	Thickness, d _L	T(1) min.-5% lub -1 mm, max +15% lub +3 mm	
	Compressibility	CP3 (≤ 3 mm)	
Thermal resistance	Thermal resistance R _D	See Table 2	
	Declared thermal conductivity λ _D	0,050 [W/mK]	
	Thickness, d _N	T(1) min.-5% lub -1 mm, max +15% lub +3 mm	
Water vapour permeability	Water vapour transmission	NPD	
Compressive strength	Compressive stress at 10 % deformation	NPD	

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	Deformation under specified compressive load and temperature conditions	NPD	EN 13163:2012
Tensile/Flexural strength	Bending strength	BS50 (≥ 50 kPa)	
	Tensile strength perpendicular to faces	NPD	
Durability of reaction to fire against heat, weathering, ageing/degradation	Durability characteristics ³⁾	E	
Durability of thermal resistance against heat, weathering, ageing/degradation	Thermal resistance R _D ⁴⁾	See Table 2	
	Declared thermal conductivity λ _D ⁴⁾	0,050 [W/mK]	
	Durability characteristics	NPD	
Durability of compressive strength against ageing and degradation	Compressive creep	NPD	
	Freeze-thaw resistance	NPD	
	Long term thickness reduction	NPD	

¹⁾ No performance determined ²⁾ European test methods are under development ³⁾ The fire performance of EPS does not deteriorate with time ⁴⁾ Thermal conductivity and thermal resistance of EPS products do not change with time.

According to Article 6, paragraph 5 of the Regulation of the European Parliament and of the Council (UE) No 305/11 one informs that the information required by Regulation No 1907/2006 of The European Parliament and of The Council of 18 December 2006 concerning registration, evaluation, authorisation and applied restriction of chemicals (REACH) are given in " the Product information" which is on the manufacturer's website www.termoorganika.pl

Additional information in form of instructions and technical data sheets are available on the manufacturer's website www.termoorganika.pl

Table 2 Declared thermal resistance is dependent upon the thickness of a product.

Thickness, d_L , mm	17	22	27	33	38	43	53
Thermal resistance R_D , [m ² K/W]	0,30	0,40	0,50	0,65	0,75	0,85	1,05

Table 3 Dynamic stiffness is dependent upon the thickness of a product.

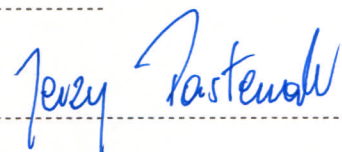
Thickness, d_L , mm	17	22	27	33	38	43	53
SD[MN/m ³]	≤ 40	≤ 30	≤ 30	≤ 30	≤ 20	≤ 20	≤ 20

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:

Jerzy Pasternak, Plenipotentiary of the Board for FPC

in Kraków, 06.11.2014



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