

Declaration of Performance No. 014-DoP-200816

1. Unique identification code of the product – type:

TERMONIUM fasada EPS S EPS-EN 13163-T(1)-L(2)-W(2)-S(5)-P(5)-BS75-DS(N)2-DS(70,-)2-TR80

2. Intended use/es:

Thermal 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 0,032 [W/mK]	EN 13163:2012+A1:2015
	Thickness, d_N	T(1) (± 1 mm) d_N (See Table 2)	
Reaction to fire	Reaction to fire	E	
Durability of reaction to fire against heat, weathering, ageing/degradation	Durability characteristics ²⁾	E	
Durability of thermal resistance against heat, weathering, ageing/degradation	Thermal resistance R_D ³⁾ Declared thermal conductivity λ_D ³⁾	See Table 2 0,032 [W/mK]	
	Durability characteristics	DS(70,-)2 The relative change in thickness ($\leq 2\%$)	
Compressive strength	Compressive stress at 10 % deformation	NPD	
Tensile/Flexural strength	Bending strength	BS75 (≥ 75 kPa)	
	Tensile strength perpendicular to faces	TR80 (≥ 80 kPa)	
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	
	Dynamic stiffness	NPD	

Essential characteristics	Performance	Declared level / Classe / Limit values / NPD ¹⁾	Harmonised technical specification
Impact noise transmission index (for floors)	Thickness, d _L	NPD	
	Compressibility, c	NPD	
Continuous Glowing combustion	Continuous Glowing combustion	NPD	EN 13163:2012+A1:2015
Release of dangerous substances to the indoor environment	Release of dangerous substances ⁴⁾	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⁾ European test methods are under development

A copy of the declaration of performance is available on the manufacturer's website www.termoorganika.pl

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

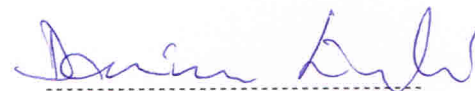
Thickness d _N , [mm]	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150
Thermal resistance R _D , [m ² K/W]	0,30	0,60	0,90	1,25	1,55	1,85	2,15	2,50	2,80	3,10	3,40	3,75	4,05	4,35	4,65
Thickness d _N , [mm]	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300
Thermal resistance R _D , [m ² K/W]	5,00	5,30	5,60	5,90	6,25	6,55	6,85	7,15	7,50	7,80	8,10	8,40	8,75	9,05	9,35

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:

Dariusz Łazęcki, Plenipotentiary of the Board for FPC

in Kraków, 16.08.2020



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