Termo Organika
Think: Warm

Declaration of performance No.:13/11/2014/CPR

1. Unique identification code of the product - type

TERMONIUM fundament EPS 150 EPS-EN 13163-T(1)-L(3)-W(3)-Sb(5)-P(5)-BS200-CS(10)150-DS(N)2-DS(70,-)2-DLT(1)5-WL(T)3

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

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	WL(T)3 (≤3,0 %)	
Release of dangerous substances to the indoor environment	Release of dangerous substances [2)]	NPD	
Direct airborne sound insulation index	Dynamic stiffness	NPD	
Acoustic absorption index	-	NPD	
Impact noise transmission index (for floors)	Dynamic stiffness	NPD	
	Thickness, d_L	NPD	
	Compressibility	NPD	
Thermal resistance	Thermal resistance R_D	See Table 2	
	Declared thermal conductivity λ_D	0,035 [W/mK]	
	Thickness, d_N	T(1) (±1 mm)	
Water vapour permeability	Water vapour transmission	NPD	
Compressive strength	Compressive stress at 10 % deformation	CS(10)150 (≥ 150 kPa)	

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	Deformation under specified compressive load and temperature conditions	DLT(1)5 (≤5,0 %)	EN 13163:2012
Tensile/Flexural strength	Bending strength	BS200 (≥ 200 kPa)	
	Tensile strength perpendicular to faces	NPD	
Durability of reaction to fire against heat,weathering, ageing/degradation	Durability characteristicsc [3]	E	
Durability of thermal resistance against heat, weathering, ageing/degradation	Thermal resistance R_D [4] Declared thermal conductivity λ_D [4]	See Table 2 0,035 [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_N, [mm]	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150
Thermal resistance R_D, [m²K/W]	0,25	0,55	0,85	1,10	1,40	1,70	2,00	2,25	2,55	2,85	3,10	3,40	3,70	4,00	4,25
Thickness d_N, [mm]	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300
Thermal resistance R_D, [m²K/W]	4,55	4,85	5,10	5,40	5,70	6,00	6,25	6,55	6,85	7,10	7,40	7,70	8,00	8,25	8,55

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

Jerzy Pasternak

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

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