

Declaration of performance No.: 13/07/2014/CPR

1. Unique identification code of the product - type

„Termonium fundament” 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.
B. Prusa 33, 30-117 Kraków, Poland.

4. System/s of AVCP

System 3

5. a. Harmonised standard

Harmonised standard: EN 13163:2012

Notified body/ies: ITB – Instytut Techniki Budowlanej (notified body No 1488) under system 3 performed type testing (based on sampling carried out by the manufacturer).

6. Declared performance/s

Essential characteristics	Performance	Harmonised technical specification
Reaction to fire	E	EN 13163:2012
Continuous Glowing combustion	NPD	
Water permeability Water absorption (long term immersion) WL(T) [%]	WL(T)3 ($\leq 3,0\%$)	
Release of dangerous substances to the indoor environment	NPD	
Direct airborne sound insulation index Dynamic stiffness SD [MN/m ³]	NPD	
Acoustic absorption index	NPD	

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Impact noise transmission index (for floors):						
Dynamic stiffness SD [MN/m ³]	NPD					
Thickness d _L [mm]	NPD					
Compressibility CP [mm]	NPD					
Thermal resistance :						
Thermal resistance (R) and thermal conductivity (λ)	Declared thermal conductivity - 0,035 [W/mK]					
	Thickness [mm]	R _D [m ² K/W]	Thickness [mm]	R _D [m ² K/W]	Thickness [mm]	R _D [m ² K/W]
	10	0,25	80	2,25	150	4,25
	20	0,55	90	2,55	160	4,55
	30	0,85	100	2,85	170	4,85
	40	1,10	110	3,10	180	5,10
	50	1,40	120	3,40	190	5,40
	60	1,70	130	3,70	200	5,70
	70	2,00	140	4,00	210	6,00
	Thickness [mm]	T(1) (± 1 mm)				
Water vapour permeability [μ]	NPD					
Compressive strength:						
Compressive stress at 10% deformation CS(10) [kPa]	CS(10)150 (≥ 150 kPa)					
Deformation under specified compressive load and temperature conditions DLT [%]	DLT(1)5 (≤ 5%)					
A compressive creep deformation of 2% or less, when subjected to a permanent compressive stress of 45 kPa (4500 kG/m ²). See F.						
Tensile/Flexural strength:						
Bending strength BS [kPa]	BS200 (≥ 200 kPa)					
Tensile strength perpendicular to faces TR [kPa]	NPD					
Durability of reaction to fire against heat, weathering, ageing/degradation	No change in reaction to fire properties for EPS products					

EN 13163:2012

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Durability of thermal resistance and thermal conductivity against ageing/degradation:	
Thermal resistance and thermal conductivity	Thermal resistance and thermal conductivity of EPS products does not change with time
Dimensional stability under specified temperature and humidity conditions DS(70,-) [%]	DS(70,-)2 (2 %)
Durability of compressive strength against ageing and degradation:	
Compressive creep CC [%]	NPD
Freeze-thaw resistance [%]	NPD
Long term thickness reduction [mm]	NPD
According to Article 6, paragraph 5 of the Regulation of the European Parliament and of the Council (UE) No 305/11 it is to inform 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.com.pl	
Additional information In the form of instructions and technical data sheets are available on the manufacturer's website www.termoorganika.com.pl	

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.

This document is the translation of Polish Declaration of performance 13/07/2014/CPR

Signed for and on behalf of the manufacturer by:

Jerzy Pasternak, Investment & Control Director

Kraków, 30.07.2014.

