

Declaration of performance No.:3/11/2014/CPR

1. Unique identification code of the product - type:

SILVER fasada EPS S EPS-EN 13163-T(1)-L(2)-W(2)-Sb(5)-P(5)-BS100-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

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	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	0,040 [W/mK]	
	Thickness, d _N	T(1) (±1 mm)	
Water vapour permeability	Water vapour transmission	NPD	
Compressive strength	Compressive stress at 10 % deformation	NPD	

	Deformation under specified compressive load and temperature conditions	NPD	EN 13163:2012
Tensile/Flexural strength	Bending strength	BS100 (≥ 100 kPa)	
	Tensile strength perpendicular to faces	TR80 (≥ 80 kPa)	
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⁾	0,040 [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.

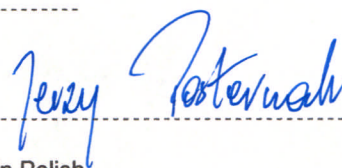
Thickness d_N , [mm]	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150
Thermal resistance R_D , [m ² K/W]	0,25	0,50	0,75	1,00	1,25	1,50	1,75	2,00	2,25	2,50	2,75	3,00	3,25	3,50	3,75
Thickness d_N , [mm]	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300
Thermal resistance R_D , [m ² K/W]	4,00	4,25	4,50	4,75	5,00	5,25	5,50	5,75	6,00	6,25	6,50	6,75	7,00	7,25	7,50

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