

## Declaration of performance No.: 15/08/2013/CPR

1. Unique identification code of the product type:

„Termonium Plus fasada” EPS EN 13163 T(1)-L(2)-W(2)-Sb(2)-P(5)-BS100-DS(N)2-DS(70,-)2-TR100

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

The lot number is placed on the label and consists of: product identification, date, time and place of the production.

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

Thermal insulation for buildings.

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

Termo Organika® Sp. z o.o.  
B. Prusa 33, 30-117 Kraków, Poland.

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

Not applicable.

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

System 3

7. W przypadku deklaracji właściwości użytkowych dotyczącej wyrobu budowlanego objętego normą zharmonizowaną

EN 13163:2012

ITB – Building Research Institute (notified body No 1488) under system 3 performed type testing (based on sampling carried out by the manufacturer).

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

Not applicable.

## 9. Declared performance.

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(P) [%]	NPD					
Release of dangerous substances to the indoor environment	-					
Direct airborne sound insulation index Dynamic stiffness SD [MN/m <sup>3</sup> ]	NPD					
Acoustic absorption index	NPD					
Impact noise transmission index (for floors):						
Dynamic stiffness SD [MN/m <sup>3</sup> ]	NPD					
Thickness d <sub>L</sub> [mm]	NPD					
Compressibility CP [mm]	NPD					
Thermal resistance:						
Thermal resistance (R) and thermal conductivity (λ)	Declared thermal conductivity λ <sub>D</sub> ≤ 0,031 [W/mK]					
	Thickness [mm]	Thermal resistance R <sub>D</sub> [m <sup>2</sup> K/W]	Thickness [mm]	Thermal resistance R <sub>D</sub> [m <sup>2</sup> K/W]	Thickness [mm]	Thermal resistance R <sub>D</sub> [m <sup>2</sup> K/W]
	10	0,30	80	2,55	150	4,80
	20	0,60	90	2,90	160	5,15
	30	0,95	100	3,20	170	5,45
	40	1,25	110	3,50	180	5,80
	50	1,60	120	3,85	190	6,10
	60	1,90	130	4,15	200	6,45
	70	2,25	140	4,50	210	6,75



Thickness [mm]	T(1) ( $\pm 1$ mm)	
Water vapour permeability [μ]	NPD	
<b>Compressive strength:</b>		
Compressive stress at 10% deformation CS(10) [kPa]	NPD	
Deformation under specified compressive load and temperature conditions DLT [%]	NPD	
<b>Tensile/Flexural strength:</b>		
Bending strength BS [kPa]	BS100 ( $\geq 100$ kPa)	
Tensile strength perpendicular to faces TR [kPa]	TR100 ( $\geq 100$ kPa)	
<b>Durability of reaction to fire against heat, weathering, ageing/degradation</b>	No change in reaction to fire properties for EPS products	EN 13163:2012
<b>Durability of thermal resistance and thermal conductivity against ageing/degradation:</b>		
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%)	
<b>Durability of compressive strength against ageing and degradation:</b>		
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 <a href="http://www.termoorganika.com.pl">www.termoorganika.com.pl</a>		
Additional information In the form of instructions and technical data sheets are available on the manufacturer's website <a href="http://www.termoorganika.com.pl">www.termoorganika.com.pl</a>		

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

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This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

This document is the translation of Polish Declaration of performance no: 15/08/2013/CPR

Signed for and on behalf of the manufacturer by:

Jerzy Pasternak, Investment & Control Director

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name and function

Dyrektor  
ds. Inwestycji i Kontroli

*Jerzy Pasternak*  
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signature

Kraków, 30.08.2013.

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place and date of issue