


## Declaration of performance No 10-CPR-2017

1.	Unique identification code of the product type	<b>Product name: Foamed polystyrene boards ALFA PODŁOGA PREMIUM (ALFA FLOOR PREMIUM)</b> <b>Product type: EPS 100</b> <b>Product code: EPS-EN 13163-T2-L3-W3-Sb5-P10-BS150-CS(10)100-DS(N)5-DS (70,-)2-DLT(1)5</b>		
2.	Intended use or uses	<b>Thermal insulation in building industry, for purposes connected with weight</b>		
3.	Manufacturer	  <b>YETICO S.A.</b> <b>PL-10-416 Olsztyn</b> <b>ul. Towarowa 17A</b>  <b>PRODUCTION PLANT:</b>  <b>1. Gorzów Wielkopolski, 66-400 Gorzów Wielkopolski, ul. Mosiężna 14</b> <b>2. Galewice, 98-405 Galewice, ul. Przemysłowa 5</b> <b>3. Olsztyn, 10-416 Olsztyn, ul. Towarowa 17A</b>		
4.	Assessment and verification system(s) of constancy of performance	<b>3<sup>rd</sup> System</b>		
5.	Harmonized standard Unit or units of notified bodies	<b>PN-EN 13163+A1:2015-03</b>  <b>[Institute of Building Technology] Instytut Techniki Budowlanej,</b> <b>No 1488 – Production Plant 1,2,3</b> <b>[Polish Centre of Research and Certification] Polskie Centrum Badań i Certyfikacji S.A.,</b> <b>No 1434 – Production Plant 3</b>		
<b>Declared performance properties</b>				
<b>Essential characteristics</b>		<b>Performance properties</b>	<b>Level/class/limit value /NPD<sup>1)</sup></b>	<b>Harmonized technical specification</b>
6.	Thermal resistance	Thermal resistance and thermal conductivity	R <sub>D</sub> – table below λ <sub>D</sub> - 0,036 W/m·K	PN-EN 13163+A1:2015-03
		Thickness	T2 (±2mm)	
	Reaction to fire	Reaction to fire	E	
	Durability of reaction to fire against heat, weathering, ageing / degradation	Durability of properties <sup>2)</sup>	E	
	Durability of thermal resistance against heat, weathering, ageing / degradation	Thermal resistance – thermal conductivity <sup>3)</sup>	R <sub>D</sub> – table below λ <sub>D</sub> - 0,036 W/m·K	
		Durability of properties	NPD	
	Compressive strength	Compressive stress at 10 % deformation	CS(10)100 (≥100 kPa)	
	Tensile / Flexural strength	Flexural strength	BS150 (≥150 kPa)	
Tensile strength perpendicular to faces		NPD		
Durability of compressive strength against ageing / degradation	Compressive creep	NPD		
	Freeze-thaw resistance	NPD		
	Long-term thickness reduction	NPD		
Water vapour permeability	Water absorption during long-term immersion	NPD		
	Water absorption during long-term diffusion			

Water vapour permeability	Water vapour permeability	NPD
Impact noise insulation index (for floors)	Dynamic stiffness	NPD
	Thickness, $d_L$	NPD
	Compressibility	NPD
Continuous glowing combustion	Continuous glowing combustion	NPD
Release of hazardous substances into the internal environment	Release of hazardous substances <sup>4)</sup>	NPD

<sup>1)</sup>No Performance determined, <sup>2)</sup>The fire performance of EPS does not deteriorate with time, <sup>3)</sup>Thermal conductivity of EPS products does not change with time, <sup>4)</sup>European test methods are under development

Declared thermal resistance:

Thickness $d_n$ [mm]	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200
$R_D$ [m <sup>2</sup> ·K/W]	0,25	0,55	0,80	1,10	1,35	1,65	1,90	2,20	2,50	2,75	3,05	3,30	3,60	3,85	4,15	4,40	4,70	5,00	5,25	5,55

The performance of the product identified above is in conformity with the declared performance. This declaration of performance is issued in accordance with the Regulation (EU) No 305/2011 under the sole responsibility of the manufacturer identified above.

Signed on behalf of the manufacturer by:

  
 Dyrektor  
 ds. Zapewnienia Jakości  
**Ewa Gawlińska**

in Olsztynie, dnia 30.01.2017 r.