


## Declaration of performance No 07-DoP-2018

1.	Unique identification code of the product type	<b>Product name: Foamed polystyrene boards ALFA FASADA PREMIUM (ALFA FACADE PREMIUM)</b> <b>Product type: EPS 70</b> <b>Product code: EPS-EN 13163-T1-L2-W2-S<sub>b</sub>2-P5-BS115-CS(10)70-DS(N)2-DS(70,-)2-TR100</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>EN 13163:2012+A1:2015</b>  <b>[Institute of Building Technology] Instytut Techniki Budowlanej, No 1488 – Production Plant 1,2,3</b> <b>[Polish Centre of Research and Certification] Polskie Centrum Badań i Certyfikacji S.A., No 1434 – Production Plant 2,3</b>		
<b>Declared performance properties</b>				
<b>Essential characteristics</b>		<b>Performance properties</b>		<b>Level/class/limit value /NPD<sup>1)</sup></b>
Thermal resistance		Thermal resistance and thermal conductivity	R <sub>D</sub> – table below λ <sub>D</sub> - 0,038 W/m·K	
		Thickness	T1 (±1mm)	
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> - 0,038 W/m·K	
		Durability of properties	DS(70,-)2 relative change in thickness (≤2%)	
Compressive strength		Compressive stress at 10% deformation		CS(10)70 (≥70 kPa)
Tensile / Flexural strength		Flexural strength		BS115 (≥115 kPa)
		Tensile strength perpendicular to faces		TR100 (≥100 kPa)
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		

**EN 13163:2012+A1:2015**

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	0,50	0,75	1,05	1,30	1,55	1,80	2,10	2,35	2,60	2,85	3,15	3,40	3,65	3,90	4,20	4,45	4,70	5,00	5,25

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 25.09.2018 r.