


Declaration of performance No 10-DoP-2018

1.	Unique identification code of the product type	Product name: Foamed polystyrene boards ALFA PODŁOGA PREMIUM (ALFA FLOOR PREMIUM) Product type: EPS 100 Product code: EPS-EN 13163-T2-L3-W3-Sb5-P10-BS150-CS(10)100-DS(N)5-DS (70,-)2-DLT(1)5		
2.	Intended use or uses	Thermal insulation in building industry, for purposes connected with weight		
3.	Manufacturer	 YETICO S.A. PL-10-416 Olsztyn ul. Towarowa 17A PRODUCTION PLANT: 1. Gorzów Wielkopolski, 66-400 Gorzów Wielkopolski, ul. Mosiężna 14 2. Galewice, 98-405 Galewice, ul. Przemysłowa 5 3. Olsztyn, 10-416 Olsztyn, ul. Towarowa 17A		
4.	Assessment and verification system(s) of constancy of performance	3rd System		
5.	Harmonized standard Unit or units of notified bodies	EN 13163:2012+A1:2015 [Institute of Building Technology] Instytut Techniki Budowlanej, No 1488 – Production Plant 1,2,3 [Polish Centre of Research and Certification] Polskie Centrum Badań i Certyfikacji S.A., No 1434 – Production Plant 3		
Declared performance properties				
Essential characteristics		Performance properties	Level/class/limit value /NPD¹⁾	Harmonized technical specification
6.	Thermal resistance	Thermal resistance and thermal conductivity	R _D – table below λ _D - 0,036 W/m·K	EN 13163:2012+A1:2015
		Thickness	T2 (±2mm)	
	Reaction to fire	Reaction to fire	E	
	Durability of reaction to fire against heat, weathering, ageing / degradation	Durability of properties ²⁾	E	
	Durability of thermal resistance against heat, weathering, ageing / degradation	Thermal resistance – thermal conductivity ³⁾	R _D – table below λ _D - 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 ⁴⁾	NPD
¹⁾ No Performance determined, ²⁾ The fire performance of EPS does not deteriorate with time, ³⁾ Thermal conductivity of EPS products does not change with time, ⁴⁾ 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 ² ·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 25.09.2018 r.