YETICO™

Declaration of performance No. 04-DoP-2021-2

1.	Unique identification code of the product-type	**ALFA FASADA polystyrene boards EPS S EPS-EN 13163-T1-L2-W2-Sb2-P5-BS80-TR80**
2.	Intended use or uses	**Thermal insulation in construction**
3.	Producer	**YETICO SA PL-10-416 Olsztyn ul. Towarowa 17A**
4.	System (s) of assessment and verification of constancy of performance	**System 3**
5.	Harmonized standard Notified body or bodies	**EN 13163: 2012 + A1: 2015 Building Research Institute, No. 1488 Polish Center for Testing and Certification SA, No. 1434**

6.

Declared performance			
Essential characteristics	**Performance properties**	**Level / class / limit value / NPD[1)]**	**Harmonized technical specification**
Thermal resistance	Thermal resistance Thermal conductivity	R_D - see table 1 λ_D - 0.040 W/m·K	EN 13163: 2012 + A1: 2015
	Thickness, d_N	T1 (±1mm) d_N - see table 1	
Reaction to fire	Reaction to fire	E	
Durability of reaction to fire as a function of heat, weather, aging / degradation	Durability of properties[2)]	E	
Durability of thermal resistance as a function of heat, weathering, aging / degradation	Thermal resistance[3)] Thermal conductivity[3)]	R_D - see table 1 λ_D - 0.040 W/m·K	
	Durability of properties	NPD	
Compressive strength	Compressive stress at 10% deformation	NPD	
Tensile / bending strength	Flexural strength	BS80	
	Tensile strength perpendicular to the faces	TR80	
Durability of compressive strength as a function of aging and degradation	Creep when squeezed	NPD	
	Resistance to freezing - thawing	NPD	
	Long-term thickness reduction	NPD	

Declaration of performance No. 04-DoP-2021-2

Water permeability	Water absorption with prolonged immersion or Water absorption with long-term diffusion	NPD NPD	EN 13163: 2012 + A1: 2015
Water vapor permeability	Water vapor transmission	NPD	
Impact sound insulation index (for floors)	Dynamic stiffness	NPD	
	Thickness, d_L	NPD	
	Compressibility	NPD	
Continuous glowing combustion	Continuous glowing combustion	NPD	
Release of hazardous substances to the internal environment	Release of dangerous substances[4)]	NPD	
[1)]No Performance Determined [2)]The fire performance of EPS does not deteriorate over time [3)] the thermal conductivity and thermal resistance do not change over time [4)] European test methods are under development			

Table 1 Declared thermal resistance depending on the thickness of the product

Thickness d_N [mm]	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150
R_D [m2· 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
R_D [m2· 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 line with the set of declared performance properties. This declaration of performance is issued, in accordance with 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 Olsztyn, on November 15, 2021