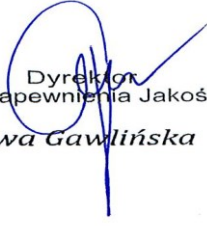


Declaration of performance No. 20-DoP-2021-3

1.	Unique identification code of the product-type	PASSIVE PREMIUM PODŁOGA polystyrene boards EPS 100 EPS-EN 13163-T1-L2-W2-Sb2-P5-BS150-CS(10)100-DS(70,-)2-DLT(1)5		
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 Materialprüfanstalt für das Bauwesen, No. 0764 Polish Center for Testing and Certification SA, No. 1434		
Declared performance				
6.	Essential characteristics	Performance properties	Level / class / limit value / NPD¹⁾	Harmonized technical specification
Thermal resistance		Thermal resistance	R _D - see table 1 λ _D - 0.031 W/m·K	EN 13163: 2012 + A1: 2015
		Thermal conductivity		
		Thickness, d _N	T1 (±1mm) d _N - see table 1	
		Reaction to fire	Reaction to fire	
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⁾	R _D - see table 1 λ _D - 0.031 W/m·K	
		Thermal conductivity ³⁾		
		Durability of properties	DS(70,-)2 relative thickness change (≤2%)	
Compressive strength		Compressive stress at 10% deformation	CS(10)100	
Tensile / bending strength		Flexural strength	BS150	
		Tensile strength perpendicular to the faces	NPD	
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	

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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																																																																			
<p><i>Table 1 Declared thermal resistance depending on the thickness of the product</i></p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td>Thickness d_N [mm]</td> <td>10</td><td>20</td><td>30</td><td>40</td><td>50</td><td>60</td><td>70</td><td>80</td><td>90</td><td>100</td><td>110</td><td>120</td><td>130</td><td>140</td><td>150</td> </tr> <tr> <td>R_D [m²·K\W]</td> <td>0.30</td><td>0.60</td><td>0.95</td><td>1.25</td><td>1.60</td><td>1.90</td><td>2.25</td><td>2.55</td><td>2.90</td><td>3.20</td><td>3.50</td><td>3.85</td><td>4.15</td><td>4.50</td><td>4.80</td> </tr> <tr> <td>Thickness d_N [mm]</td> <td>160</td><td>170</td><td>180</td><td>190</td><td>200</td><td>210</td><td>220</td><td>230</td><td>240</td><td>250</td><td>260</td><td>270</td><td>280</td><td>290</td><td>300</td> </tr> <tr> <td>R_D [m²·K\W]</td> <td>5.15</td><td>5.45</td><td>5.80</td><td>6.10</td><td>6.45</td><td>6.75</td><td>7.05</td><td>7.40</td><td>7.70</td><td>8.05</td><td>8.35</td><td>8.70</td><td>9.00</td><td>9.35</td><td>9.65</td> </tr> </table>				Thickness d_N [mm]	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	R_D [m²·K\W]	0.30	0.60	0.95	1.25	1.60	1.90	2.25	2.55	2.90	3.20	3.50	3.85	4.15	4.50	4.80	Thickness d_N [mm]	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	R_D [m²·K\W]	5.15	5.45	5.80	6.10	6.45	6.75	7.05	7.40	7.70	8.05	8.35	8.70	9.00	9.35	9.65
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<p>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.</p>																																																																			
<p>Signed on behalf of the manufacturer by:</p> <div style="text-align: center; margin-top: 20px;">  Dyrektor ds. Zapewnienia Jakości Ewa Gawlińska </div>																																																																			
<p>in Olsztyn, on November 15, 2021</p>																																																																			