

**DECLARATION OF PERFORMANCE**  
**No DOP 6/21**

**ENERPOR**

1. Unique product type identification code:

**EPS S 031 FACADE**  
**EPS-EN 13163-T2-L2-W2-S<sub>b</sub>5-P5-BS75-DS(N)2-DS(70,-)2-TR100**

2. Intended use/es:

***Thermal insulation in buildings***

3. Manufacturer:

**„ENERPOR” Sp z o.o. 25-620 Kielce ul. Kolberga 11**

**MANUFACTURING PLANT:**

**„ENERPOR” Sp z o.o. 25-620 Kielce ul. Kolberga 11**

4. System(s) of assessment and verification of constancy of performance:

***System 3***

5. Harmonised standard:

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

Notified body or bodies:

***Polskie Centrum Badań i Certyfikacji S.A.(1434)***  
***Instytut Techniki Budowlanej (1488)***

6. Declared performance:

Table no. 1

Declared thermal resistance  $R_D$  [ $m^2 \cdot K/W$ ]:

<b><i>d [mm]</i></b>	<b><i>20</i></b>	<b><i>30</i></b>	<b><i>40</i></b>	<b><i>50</i></b>	<b><i>60</i></b>	<b><i>70</i></b>	<b><i>80</i></b>	<b><i>90</i></b>	<b><i>100</i></b>	<b><i>110</i></b>	<b><i>120</i></b>	<b><i>130</i></b>	<b><i>140</i></b>	<b><i>150</i></b>	
<b><i>R<sub>D</sub></i></b>	<b><i>0,60</i></b>	<b><i>0,95</i></b>	<b><i>1,25</i></b>	<b><i>1,60</i></b>	<b><i>1,90</i></b>	<b><i>2,25</i></b>	<b><i>2,55</i></b>	<b><i>2,90</i></b>	<b><i>3,20</i></b>	<b><i>3,50</i></b>	<b><i>3,85</i></b>	<b><i>4,15</i></b>	<b><i>4,50</i></b>	<b><i>4,80</i></b>	
<b><i>d [mm]</i></b>	<b><i>160</i></b>	<b><i>170</i></b>	<b><i>180</i></b>	<b><i>190</i></b>	<b><i>200</i></b>	<b><i>210</i></b>	<b><i>220</i></b>	<b><i>230</i></b>	<b><i>240</i></b>	<b><i>250</i></b>	<b><i>260</i></b>	<b><i>270</i></b>	<b><i>280</i></b>	<b><i>290</i></b>	<b><i>300</i></b>
<b><i>R<sub>D</sub></i></b>	<b><i>5,15</i></b>	<b><i>5,45</i></b>	<b><i>5,80</i></b>	<b><i>6,10</i></b>	<b><i>6,45</i></b>	<b><i>6,75</i></b>	<b><i>7,05</i></b>	<b><i>7,40</i></b>	<b><i>7,70</i></b>	<b><i>8,05</i></b>	<b><i>8,35</i></b>	<b><i>8,70</i></b>	<b><i>9,00</i></b>	<b><i>9,35</i></b>	<b><i>9,65</i></b>

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Table no. 2

<i>Essential characteristics</i>	<i>Performance</i>	<i>Declared class/level/ NPD<sup>a)</sup></i>	<i>Harmonised technical specification</i>
Thermal resistance	<i>Thermal resistance and thermal conductivity</i>	<i>R<sub>D</sub> - table no 1 λ<sub>D</sub> = 0,031 W/m·K</i>	<i>EN 13163:2012+A1:2015</i>
	<i>Thickness</i>	<i>T2 d<sub>N</sub> - table no 1</i>	
<i>Reaction to fire</i>	<i>Reaction to fire</i>	<i>E</i>	
<i>Durability of reaction to fire against heat, weathering, ageing/degradation</i>	<i>Durability of properties<sup>b)</sup></i>	<i>NPD</i>	
<i>Durability of thermal resistance against heat, weathering, ageing/degradation</i>	<i>Thermal resistance - thermal Conductivity<sup>c)</sup></i>	<i>R<sub>D</sub> - table no 1 λ<sub>D</sub> = 0,031 W/m·K</i>	
	<i>Durability of properties</i>	<i>NPD</i>	
<i>Compressive strength</i>	<i>Compressive stress at 10% deformation</i>	<i>NPD</i>	
<i>Tensile/Flexural strength</i>	<i>Bending strength</i>	<i>BS75</i>	
	<i>Tensile strength perpendicular to faces</i>	<i>TR100</i>	
<i>Durability of compressive strength against ageing and degradation</i>	<i>Compressive creep</i>	<i>NPD</i>	
	<i>Resistance to freezing-thawing</i>	<i>NPD</i>	
	<i>Long term thickness reduction</i>	<i>NPD</i>	
<i>Water permeability</i>	<i>Long term water absorption by immersion</i>	<i>NPD</i>	
	<i>Long term water absorption by diffusion</i>	<i>NPD</i>	
<i>Water vapour permeability</i>	<i>Water vapour transmission</i>	<i>NPD</i>	
<i>Impact noise transmission index (for floors)</i>	<i>Dynamic stiffness</i>	<i>NPD</i>	
	<i>Thickness, d<sub>L</sub></i>	<i>NPD</i>	
	<i>Compressibility</i>	<i>NPD</i>	
<i>Continuous glowing combustion</i>	<i>Continuous glowing combustion<sup>d)</sup></i>	<i>NPD</i>	
<i>Release of dangerous substances to the indoor environment</i>	<i>Release of dangerous substances<sup>d)</sup></i>	<i>NPD</i>	

*NPD<sup>a)</sup> No performance determined ,<sup>b)</sup> The fire performance of EPS does not deteriorate with time ,<sup>c)</sup> Thermal conductivity of EPS Products does not change with time ,<sup>d)</sup> European test methods are under development*

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

Signed for and on behalf of the manufacturer by:

in Kielce

**Dyrektor Produkcji**  
  
**Jacek Garbacz**

on 12.02.2021