

**DECLARATION OF PERFORMANCE**  
**No DWU 2/20**

**ENERPOR**

1. Unique product type identification code:

**EPS S 040 FACADE**  
**EPS-EN 13163-T2-L2-W2-S<sub>b</sub> 5-P5-BS75-DS(N)2-DS(70,-)2-TR80**

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:

**PN-EN 13163+A1:2015-03**

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</i> [mm]</b>	<b>20</b>	<b>30</b>	<b>40</b>	<b>50</b>	<b>60</b>	<b>70</b>	<b>80</b>	<b>90</b>	<b>100</b>	<b>110</b>	<b>120</b>	<b>130</b>	<b>140</b>	<b>150</b>	
<b><i>R<sub>D</sub></i></b>	<b>0,50</b>	<b>0,75</b>	<b>1,00</b>	<b>1,25</b>	<b>1,50</b>	<b>1,75</b>	<b>2,00</b>	<b>2,25</b>	<b>2,50</b>	<b>2,75</b>	<b>3,00</b>	<b>3,25</b>	<b>3,50</b>	<b>3,75</b>	
<b><i>d</i> [mm]</b>	<b>160</b>	<b>170</b>	<b>180</b>	<b>190</b>	<b>200</b>	<b>210</b>	<b>220</b>	<b>230</b>	<b>240</b>	<b>250</b>	<b>260</b>	<b>270</b>	<b>280</b>	<b>290</b>	<b>300</b>
<b><i>R<sub>D</sub></i></b>	<b>4,00</b>	<b>4,25</b>	<b>4,50</b>	<b>4,75</b>	<b>5,00</b>	<b>5,25</b>	<b>5,50</b>	<b>5,75</b>	<b>6,00</b>	<b>6,25</b>	<b>6,50</b>	<b>6,75</b>	<b>7,00</b>	<b>7,25</b>	<b>7,50</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> = 0,040 W/m·K</i>	<b>PN-EN 13163 +A1:2015-03</b>
	<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> = 0,040 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>TR80</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 06.02.2020