

DECLARATION OF PERFORMANCE
No DWU 4/20

ENERPOR

1. Unique product type identification code:

EPS S 035 FACADE
EPS-EN 13163-T2-L3-W3-S_b5-P10-BS50-DS(N)3-DS(70,-)3-TR50

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 [$m^2 \cdot K/W$]:

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

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Table no. 2

<i>Essential characteristics</i>	<i>Performance</i>	<i>Declared class/level/ NPD^{a)}</i>	<i>Harmonised technical specification</i>
Thermal resistance	<i>Thermal resistance and thermal conductivity</i>	$R_D - \text{table no 1}$ $\lambda_D = 0,035 \text{ W/m}\cdot\text{K}$	PN-EN 13163 +A1:2015-03
	<i>Thickness</i>	$T2$ $d_N - \text{table no 1}$	
<i>Reaction to fire</i>	<i>Reaction to fire</i>	E	
<i>Durability of reaction to fire against heat, weathering, ageing/degradation</i>	<i>Durability of properties^{b)}</i>	NPD	
<i>Durability of thermal resistance against heat, weathering, ageing/degradation</i>	<i>Thermal resistance - thermal Conductivity^{c)}</i>	$R_D - \text{table no 1}$ $\lambda_D = 0,035 \text{ W/m}\cdot\text{K}$	
	<i>Durability of properties</i>	NPD	
<i>Compressive strength</i>	<i>Compressive stress at 10% deformation</i>	NPD	
<i>Tensile/Flexural strength</i>	<i>Bending strength</i>	$BS50$	
	<i>Tensile strength perpendicular to faces</i>	$TR50$	
<i>Durability of compressive strength against ageing and degradation</i>	<i>Compressive creep</i>	NPD	
	<i>Resistance to freezing-thawing</i>	NPD	
	<i>Long term thickness reduction</i>	NPD	
<i>Water permeability</i>	<i>Long term water absorption by immersion</i>	NPD	
	<i>Long term water absorption by diffusion</i>	NPD	
<i>Water vapour permeability</i>	<i>Water vapour transmission</i>	NPD	
<i>Impact noise transmission index (for floors)</i>	<i>Dynamic stiffness</i>	NPD	
	<i>Thickness, d_L</i>	NPD	
	<i>Compressibility</i>	NPD	
<i>Continuous glowing combustion</i>	<i>Continuous glowing combustion^{d)}</i>	NPD	
<i>Release of dangerous substances to the indoor environment</i>	<i>Release of dangerous substances^{d)}</i>	NPD	

NPD^{a)} No performance determined , ^{b)} The fire performance of EPS does not deteriorate with time , ^{c)} Thermal conductivity of EPS Products does not change with time , ^{d)} 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