

DECLARATION OF PERFORMANCE
No DWU 9/20

ENERPOR

1. Unique product type identification code:

EPS 100 037 ROOF /FLOOR
EPS-EN 13163-T2-L3-W3-S_b5-P10-BS150-CS(10)100-DS(N)5-DS(70,-)2

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

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

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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	Thermal resistance and thermal conductivity	R_D - table no 1 $\lambda_D = 0,037 \text{ W/m}\cdot\text{K}$	PN-EN 13163 +A1:2015-03
	Thickness	T2 d_N - table no 1	
Reaction to fire	Reaction to fire	E	
Durability of reaction to fire against heat, weathering, ageing/degradation	Durability of properties ^{b)}	NPD	
Durability of thermal resistance against heat, weathering, ageing/degradation	Thermal resistance - thermal Conductivity ^{c)}	R_D - table no 1 $\lambda_D = 0,037 \text{ W/m}\cdot\text{K}$	
	Durability of properties	NPD	
Compressive strength	Compressive stress at 10% deformation	CS(10)100	
Tensile/Flexural strength	Bending strength	BS150	
	Tensile strength perpendicular to faces	NPD	
Durability of compressive strength against ageing and degradation	Compressive creep	NPD	
	Resistance to freezing-thawing	NPD	
	Long term thickness reduction	NPD	
Water permeability	Long term water absorption by immersion	NPD	
	Long term water absorption by diffusion	NPD	
Water vapour permeability	Water vapour transmission	NPD	
Impact noise transmission index (for floors)	Dynamic stiffness	NPD	
	Thickness, d_L	NPD	
	Compressibility	NPD	
Continuous glowing combustion	Continuous glowing combustion ^{d)}	NPD	
Release of dangerous substances to the indoor environment	Release of dangerous substances ^{d)}	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