

DECLARATION OF PERFORMANCE No. EPS/ DoP-33/ 2026

1. Unique identification code of the product-type:

SEMPRE TERM GRAFITE EPS 033

2. Intended use/es: **Thermal insulation in construction**

3. Manufacturer: **SEMPRE FARBY Sp. z o.o., ul. gen.J. Kustronia 60, 43 – 301 Bielsko – Biała**

4. Authorised representative: **NPD**

5. System/s of AVCP: **SYSTEM 3**

6a. Harmonised standard:

EN-13163: 2012 + A1:2015

Notified body/ies:

No. 1020 - Technical and Test Institute for Construction Prague, SOE,

6b. European Assessment Document:

European Technical Assessment: **NPD**

Technical Assessment Body: **NPD**

Notified body/ies: **NPD**

7. Declared performance/s:

Essential characteristic	Declared values		Harmonized technical specification
Thermal resistance	Thermal resistance and thermal conductivity	$R_D \geq$ values in Table 2 $\lambda_D \leq 0,033$ W/m·K	EN 13163:2012+ A1:2015
	Thickness	10 – 300 mm T(2) (\pm 2mm)	
Reaction to fire	Reaction to fire	E, E _{fl}	
Durability of reaction to fire against heat, weathering, ageing/ degradation	Durability characteristic	E, E _{fl}	
Durability Of thermal resistance against heat, weathering, ageing/ degradation	Thermal resistance and thermal conductivity	$R_D \geq$ values in Table 2 $\lambda_D \leq 0,033$ W/m·K	
	Durability characteristic	no property changes	
Compressive strenght	Compressive stress or compressive strenght	CS (10)50 (\geq 50 kPa)	
Tensile/ Flexural strenght	Bending strenght	BS 75 (\geq 75 kPa)	
	Tensile strenght perpendicular to faces	TR 80 (\geq 80 kPa)	

Durability of compressive strength against ageing, degradation	Compressive creep	NPD	EN 13163:2012+ A1:2015
	Freeze-thaw resistance		
	Long term thickness reduction		
Water permeability	Long term water absorption or by immersion	NPD	
	Long term water absorption by diffusion		
Water vapour permeability	Water vapour transmission	NPD	
Impact noise transmission index (for floors)	Dynamic stiffness	NPD	
	Thickness d_L		
	Compressibility,		
Continuous glowing combustion	Continuous glowing combustion	NPD	
Release of dangerous substances to the indoor environment	Release of dangerous substances	NPD	

Table no. 2. Thermal resistance

Thickness of board, [mm]	10	20	30	40	50	60	70	80	90	100	110	120	130	140
Thermal resistance R [m ² ·K/W]	0,30	0,60	0,90	1,20	1,50	1,80	2,10	2,40	2,70	3,00	3,30	3,60	3,90	4,20
Thickness of board, [mm]	150	160	170	180	190	200	210	220	230	240	250	260	270	280
Thermal resistance R [m ² ·K/W]	4,50	4,80	5,15	5,45	5,75	6,05	6,35	6,65	6,95	7,25	7,55	7,85	8,15	8,45
Thickness of board, [mm]	290	300												
Thermal resistance R [m ² ·K/W]	8,75	9,05												

8. Appropriate Technical Documentation and/or Specific Technical Documentation: **NPD**

The performance of the product identified above is in conformity with the set of declared performance/s. 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:

KIEROWNIK LABORATORIUM
mgr Aleksandra Drózd

[Name]

at Bielsko – Biała on 19.01.2026