DECLARATION OF PERFORMANCE No EPS/ DWU-38/ 2020.

1. Unique identification code of the product-type:

SEMPRE TERM EPS 038 FACADE

2. Intended use/es: **Factory made expanded polystyrene (EPS) product - thermal insulation for buildings**

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 + A2:2016 [IDT] „ Thermal insulation products for buildings –Factory made expanded polystyrene (EPS) products – Specification."

TEST REPORT for assessment of performance No. 1020 – CPR - 070054480

Notified body/ies:

Technical and Test Institute for Construction Prague, S0E,
Prosecká 811/76a, Prosek, 190 00 Praha 9, Czech Republic
Notified body 1020 Branch 0700, Ostrava

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 $\lambda_D \leq 0{,}038$ W/m·K	EN 13163:2012+ A2:2016
	Thickness	20 – 300 mm T(2) (± 2mm)	
Reaction to fire	Reaction to fire	E	
Durability of reaction to fire against heat, weathering, ageing/ degradation	Durability characteristic	no property changes	
Thermal conductivity	Thermal resistance and thermal conductivity	$R_D \geq$ values in Table 2 $\lambda_D \leq 0{,}038$ W/m·K	
	Durability characteristic	no property changes	

SEMPRE FARBY Sp. z o.o.
43-301 Bielsko-Biała, ul. Gen. J. Kustronia 60
Tel. 33 496 06 09, Fax 33 496 06 10
NIP 547-19-95-321 REGON 072893690 KAPITAŁ 1.170.000,00 PLN
Sąd Rejonowy w Bielsku-Białej VIII Wydział Gospodarczy KRS 0000190876
e-mail: info@semprefarby.pl
www.semprefarby.pl

Compressive strenght	Compressive stress or compressive strenght	CS (10)70 (≥ 70 kPa)	EN 13163:2012+ A2:2016
Tensile/ Flexural strenght	Bending strenght	BS 115 (≥ 115 kPa)	
	Tensile strenght perpendicular to faces	TR 100 (≥ 100 kPa)	
Durability of compressive strenght against ageing. degradation	Compressive creep	NPD	
	Freeze-thaw resistance		
	Long term thickness reduction		
Water permeability	Long term water absorption or by immersion	NPD	
	Long term water absorption by diffussion		
Water vapour permeabiity	Water vapour transmission	NPD	
Impact noise transmission nindex (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	100	120	130	140
Thermal resistance R [m^2·K/W]	--	0,50	0,75	1,05	1,30	1,55	1,80	2,10	2,60	3,15	3,40	3,65
Thickness of board, [mm]	150	160	180	200	220	240	250	260	280	300		
Thermal resistance R [m^2·K/W]	3,90	4,20	4,70	5,25	5,75	6,30	6,55	6,80	7,35	7,85		

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 Drózdz

.....

[Name]

at Bielsko – Biała on 05.03.2020.

SEMPRE FARBY Sp. z o.o.
43-301 Bielsko-Biała, ul. Gen. J. Kustronia 60
Tel. 33 496 06 09, Fax 33 496 06 10
NIP 547-19-95-321 REGON 072893690 KAPITAŁ 1.170.000,00 PLN
Sąd Rejonowy w Bielsku-Białej VIII Wydział Gospodarczy KRS 0000190876
e-mail: info@semprefarby.pl
www.semprefarby.pl