Sempre® FARBY · TYNKI · DOCIEPLENIA

DECLARATION OF PERFORMANCE No STETA/ 03/2024

1. Unique identification code of the product-type:

SEMPRE TERM ST

2. Intended use/es:

External Thermal insulation Composite Systems (ETICS) with rendering insulation product – expanded polystyrene (EPS)

TESOROMONT START TS-100		Adhesive to bonding EPS boards	
INSULATION PRODUCT EPS ACCORDING TO: EN 13163		EPS-EN 13163 T2-L2-W2-S5-P5-DS.(70-)1-DS(N)2-CS(10)70-TR100 white and grey, reaction to fire – Class E, thickness 50 – 300 mm EPS-EN 13163 T2-L2-W2-S5-P5-DS.(70-)2-DS(N)2-CS(10)70-TR80 white and grey, reaction to fire – Class E, thickness 50 – 300 mm	
TESOROMONT TU-200		Adhesive adhesive to make the base coat with a mesh and to bonding EPS boards	
GLASS FIBRE MESH: SEMPRE 150 AKE 145 STANDARD GLASS FIBRE MESH SEMPRE 165		In accordance with Annex No. 5 – ETA 17/1027 of 06/09/2024, pp. 31-32/33	
ANCHORS		According to the table No. 4, page 30 of 33 – ETA 17/1027 of 06/09/2024	
TESORO GRUNT	TESORO / TESORO INVEST	Primer for acrylic plaster Tesoro	Acrylic plaster mass
AZURO GRUNT	AZURO/ AZURO I NVEST/ AZURO PREMIUM NANOTECHNOLOGY	Primer for silicone plasters: Azuro/ Azuro Invest/ Azuro Premium Nanotechnology	Silicone plaster mass
MARESIL GRUNT	MARESIL	Primer for polysilicate plaster Maresil	Polysilicate plaster mass
PROGRESIL GRUNT	PROGRESIL	Primer for silicone – silicate plaster Progresil	Silicone – silicate plaster mass
DIAMANTE GRUNT	DIAMANTE	Primer for silicate plaster Diamante	Silicate plaster mass
MINERAL GRUNT	TESORO MINERAL TM-300	Primer to mineral plaster mortar Tesoro Mineral TM-300	Mineral plaster mortar
MULTI GRUNT	All types of masses and plastering mortars	Primer to All types of masses and plastering mortars	All types of masses and plastering mortars
BORDO ART G	BORDO ART T	Primer for Bordo ART T decorative mineral plaster	Decorative mineral plaster mortar
MARMARE GRUNT	MARMARE	Primer for mosaic plasters Marmare, Marmare Stone	Mosaic plaster mass
	MARMARE STONE		Mosaic plaster mass
MARESIL GRUNT F	MARESIL FARBA	Maresil paint primer	Polysilicate facade paint
SEMPRE GRUNT GP	BORDO ART L	Primer for Bordo Art L impregnation	Coloring impregnation for mineral substrates

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 2+**

6a. Harmonised standard: **NPD**

Notified body/ies: **NPD**

6b. European Assessment Document: **EAD 040083-00-0404**

European Technical Assessment: **ETA 17/1027 OF 06/09/2024 "External Thermal insulation Composite Systems (ETICS) with rendering insulation product – expanded polystyrene (EPS) SEMPRE TERM ST"**

Technical Assessment Body: **1020 - TECHNICAL AND TEST INSTITUTE FOR CONSTRUTION TZUS**

Notified body/ies: : **1020 - TECHNICAL AND TEST INSTITUTE FOR CONSTRUTION TZUS**

7. Declared performance/s:

	Essential Characteristics	**Declared performance according to ETA-17/1027**	
1.	Reaction of fire	Class B – s2, d0,	
2.	Water absorption after 1h		
	for base coat TESOROMONT UNIWERSALNY TU-200	< 0,5 kg/m^2	
	For SEMPRE TERM ST (table No. 7, page 11/33)	< 0,5 kg/m^2	
3.	Water absorption after 24h		
	for base coat TESOROMONT UNIWERSALNY TU-200	< 0,5 kg/m^2	
	for Sempre TERM ST except MARMARE , MARMARE STONE	< 0,5 kg/m^2	
	for SEMPRE TERM ST WITH MARMARE	< 0,6 kg/m^2	
	for SEMPRE TERM ST WITH MARMARE STONE	< 0,8 kg/m^2	
4.	Watertightness after hygrothermal behaviour	Without defects	
5.	Watertightness after freeze –thaw behaviour	Without defects	
6.	Impact resistance except BORDO ART T	Category III	
7.	Impact resistance with BORDO ART T	Category II	
8.	Water vapour permeability (table No.12, page 14/33)	≤ 0,9 m	
8.	Bond strength		
	Between base coat TESOROMONT TU-200 and insulation product: initial strength, after hygrothermal cycles (table No. 13, page 15/33)	Min. value ≥ 94 kPa	
		Average value ≥ 104 kPa	
	Between adhesive TESOROMONT START TS-100 and the substrate (concrete) (table No. 14, page 16/33)	Min. Value	Average value
	- initial state - after 48h immersion in water + 2h 23°C/50% RH - after 48h immersion in water + 7 days 23°C/50% RH	- 509 kPa - 207 kPa - 1961 kPa	- 609 kPa - 243 kPa - 2319 kPa
	Between adhesive TESOROMONT UNIWERSALNY TU-200 and the substrate (concrete), (table No. 14, page 16/33)	Min. Value	Average value
	- initial state - after 48h immersion in water + 2h 23°C/50% RH - after 48h immersion in water + 7 days 23°C/50% RH	- 983 kPa - 387 kPa - 1250 kPa	- 1095 kPa - 483 kPa - 1769 kPa

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	Between adhesive TESOROMONT START TS-100 and expanded polystyrene EPS - EN 13163 (table No.15, page 17/33) - initial state - after 48h immersion in water + 2h 23°C/50% RH - after 48h immersion in water + 7 days 23°C/50% RH			Min. Value - 102 kPa - 82 kPa - 87 kPa	Average value - 110 kPa - 95 kPa - 97 kPa
	Between adhesive TESOROMONT UNIWERSALNY TU-200 and expanded polystyrene EPS - EN 13163, (table No.15, page 17/33) - initial state - after 48h immersion in water + 2h 23°C/50% RH - after 48h immersion in water + 7 days 23°C/50% RH			Min. Value - 96 kPa - 96 kPa - 80 kPa	Average value - 106 kPa - 105 kPa - 100 kPa
9.	Resistance of ETICS to wind loads - pull-through test of anchors (for anchors with a diameter of ≥ 60 mm and a plate stiffness of ≥ 0,3 kN/mm, EPS thickness of ≥ 50 mm or ≥ 70 mm and perpendicular tensile strength: ≥ 116 kPa)				
	R_{panel} - Min. Value [kN] R_{panel} – Average value [kN]	$R_{płyt}$ - Min. Value [kN] $R_{płyt}$ – Average value, [kN]		0,557 0,586	0,445 0,479
10	Tensile strength of the rendering strip (reinforcing layer TESOROMONT UNIWERSALNY TU-200 + SEMPRE 150/ AKE 145)			ETA 17/1027 table no. 18, page 20/33	
	Wrk of the flat side of the tested sample [mm]			Wrk of the patterned side of the tested sample [mm]	
	Warp direction – 0.05	Weft direction -0,05		Warp direction – 0.05	Weft direction-0,10

11	The bonding strength of the plaster coating after ageing tested at the test stand: EPS board + TESOROMONT UNIWERSALNY TU-200 + plaster coating, (Table No. 19, p. 20-21/33)					
	Name of plaster	Min. Value, [kPa]	Average value, [kPa]	Name of plaster	Min. Value, [kPa]	Average value, [kPa]
	TESORO	103	115	BORDO ART T	113	131
	AZURO	91	107	MARESIL	74	99
	DIAMANTE	90	113	PROGRESIL	94	109
12	Bonding strength of the plaster coating after ageing NOT TESTED on the test stand: EPS board + TESOROMONT UNIWERSALNY TU-200 + plaster coating, (table no. 19, p. 20-21/33)					
	Name of plaster	Min. Value, [kPa]	Average value, [kPa]	Name of plaster	Min. Value, [kPa]	Average value, [kPa]
	TESORO	97	116	PROGRESIL	103	113
	AZURO	123	138	TESORO MINERAL TM-300	106	117
	DIAMANTE	100	120	MARMARE	151	155
	BORDO ART T	121	129	MARMARE STONE	152	158
	MARESIL	104	123	--------	-----	------

13	Thermal resistance and heat transfer coefficient of ETICS (RETICS)	
	Thermal resistance	[(m²·K)/W]
	R_{render}	0,02
	R_{ETICS}	≥ 1,00
	Requirement according to EAD 040083-00-0404, RETICS ≥ 1.00 (m2 • K)/W	

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

NPD

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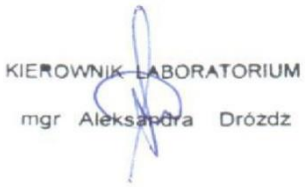
The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:



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[Name]

at Bielsko-Biała on 15.10.2024.

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