

DECLARATION OF PERFORMANCE No WMETA/ 02/2024

1. Unique identification code of the product-type:

SEMPRE TERM WM

2. Intended use/es:

External Thermal insulation Composite Systems (ETICS) with renderings

TESOROMONT WM-100		Adhesive to bonding EPS boards	
INSULATION PRODUCT WOOL BOARDS MW façade TR MW façade TR 15 MW loaded TR		EN 13162:2012+A1:2015 [IDT] T5-DS(70,90)-WS-WL(P)-MU1-TR10 T5- DS(70,90)-WS-WL(P)-MU1-TR15 T5- DS(70,90)-WS-WL(P)-MU1-TR10	
TESOROMONT WM 200/ TESOROMONT WM 300		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. 7 – ETA 16/0633 of 06/09/2024	
ANCHORS		According to the table No. 6, page 30 of 33 – ETA 16/0633 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
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

3.Manufacturer:

SEMPRE FARBY Sp. z o.o.,

ul. gen.J. Kuźtronia 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 16/0633 of 06/09/2024 "External Thermal insulation Composite Systems (ETICS) with renderings SEMPRE TERM WM"**

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

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

7. Declared performance/s:

	Essential Characteristics			Declared performance according to ETA-16/0633	
1.	Reaction of fire			Class A2-s1, d0	
2.	Water absorption after 1h				
	for base coat TESOROMONT WM-200/ TESOROMONT WM-300			< 0,1 kg/m²	
	For SEMPRE TERM WM (with all plasters and mortars)			< 0,5 kg/m²	
3.	Water absorption after 24h				
	for base coat TESOROMONT WM-200/TESOROMONT WM-300			< 0,1 kg/m²	
	For SEMPRE TERM WM (all plasters and mortars without MARMARE, MARMARE STONE)			< 0,5 kg/m²	
	for SEMPRE TERM WM WITH MARMARE			< 1,2 kg/m²	
	for SEMPRE TERM WM WITH MARMARE STONE			< 1,2 kg/m²	
4.	Watertightness after hygrothermal behaviour			Without defects	
5.	Watertightness after freeze –thaw behaviour			Without defects	
6.	Impact resistance for all types of MW boards + TESOROMONT WM-200/ TESOROMONT WM-300 + reinforcing mesh: standard/SEMPRE 150/AKE 145/ SEMPRE 165 + primer + plasters: TESORO GRUNT+TESORO/ TESORO INVEST, AZURO GRUNT+AZURO, MARESIL GRUNT+MARESIL, PROGRESIL GRUNT+PROGRESIL, DIAMANTE GRUNT+DIAMANTE, MINERAL GRUNT+TESORO MINERAL TM-300, MARMARE GRUNT+MARMARE, MARMARE GRUNT +MARMARE STONE			Category III	
7.	Impact resistance for the system: MW board (TR10) / MW multilayer board (TR10) + TESOROMONT WM-200 / TESOROMONT WM-300 + AKE 145 / SEMPRE 150 mesh + primer + plasters: TESORO GRUNT + TESORO / TESORO INVEST, AZURO GRUNT + AZURO, DIAMANTE GRUNT + DIAMANTE, MINERAL GRUNT + TESORO MINERAL TM-300			Category II	
8.	Water vapour permeability for the TESOROMONT WM-200/TESOROMONT WM-300 system + primer + plaster/plaster mortar:				
	TESORO / TESORO INVEST		≤ 0,8 m	PROGRESIL	≤ 0,8 m
	AZURO		≤ 0,8 m	DIAMANTE	≤ 0,3 m
	MARESIL		≤ 0,2 m	TESORO MINERAL TM-300	≤ 0,3 m
9.	Content of hazardous substances			NPD	
10.	Bond strength				
	Between base coat TESOROMONT WM-200/ TESOROMONT WM-300 and insulation product MW:				

	initial strength, after hygrothermal cycles	- ≥ 125 kPa with rupture in the insulating product layer - ≥ 4 kPa with rupture in the insulating product layer				
	Between adhesive TESOROMONT WM-100/ TESOROMONT WM-200/ TESOROMONT WM-300 and the substrate (concrete) (table No. 14, page 16/33) - initial state - after 2 days immersion in water + 2h 23°C/50% RH - after 2 days immersion in water + 7 days 23°C/50% RH	Min. Value		Average value		
		- 637 kPa - 209 kPa - 1139 kPa		- 673 kPa, - 221 kPa - 1156 kPa		
	Between adhesive TESOROMONT WM-100/ TESOROMONT WM-200/ TESOROMONT WM-300 and thermal insulation product: lamella TR≥131 kPa, (table No. 15, page 17/33) - initial state - after 2 days immersion in water + 2h 23°C/50% RH - after 2 days immersion in water + 7 days 23°C/50% RH	Min. Value		Average value		
		- 126 kPa - 85 kPa - 117 kPa		- 131 kPa - 90 kPa - 123 kPa		
11.	Resistance of ETICS to wind loads - pull-through test of anchors (for anchors with a diameter of ≥ 60 mm and a plate stiffness of ≥ 0,6 kN/mm, MW thickness of ≥ 100 mm or ≥ 120 mm for flush mounting and dry tensile strength: ≥10.7 kPa)					
	R _{panel} - Min. Value [kN]	R _{plyt} - Min. Value [kN]	0,444	0,374		
	R _{panel} – Average value [kN]	R _{plyt} – Average value, [kN]	0,468	0,444		
12	Tensile strength of the rendering strip (reinforcing layer TESOROMONT UNIWERSALNY TU-200 + SEMPRE 150/ AKE 145)		ETA 16/0633 table no. 18, page 20/37			
	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-0,05		
13.	The bonding strength after ageing of the finishing coat tested in the rig: MW board + TESOROMONT UNIWERSALNY WM-200/ TESOROMONT WM-300 + key coat +finishing coat, (Table No. 19, p. 20-21/37)					
	Name of plaster	Min. Value, [kPa]	Average value, [kPa]	Name of plaster	Min. Value, [kPa]	Average value, [kPa]
	TESORO MINERAL TM-300	4	5	DIAMANTE	4	4
	AZURO	4	5	MARESIL	7	8
	TESORO	4	4	PROGRESIL	7	8
14.	Bonding strength of the plaster coating after ageing NOT TESTED in the rig: MW lamella board + TESOROMONT WM-200/ TESOROMONT WM-300 + key coat + finishing coat, (table no. 20, p. 23-24/37)					
	Name of plaster	Min. Value, [kPa]	Average value, [kPa]	Name of plaster	Min. Value, [kPa]	Average value, [kPa]
	TESORO	126	128	PROGRESIL	122	128
	AZURO	124	129	DIAMANTE	131	132
	MARESIL	124	128	TESORO MINERAL TM-300	125	126
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

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

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[Name]

at Bielsko-Biała on 15.10.2024.