

SVR PREMIUM

EN 15824

Highly reflective non-flammable dispersion render

DESCRIPTION

SVR PREMIUM is a highly reflective, non-flammable, coloured, dispersion render, modified with special silicone additives.

Suitable for final coating in external thermal insulation systems (ETICS), in properly prepared old and new building surfaces. It offers high reflectivity, high elasticity, water repellency and has excellent adhesion to surfaces of concrete, render, cement boards, plasterboard.

It has CE marking according to EN 15824 (plasters/renders based on organic binders) and is a part of a certified ETICS of Marmoline (ETAG 004).

The product is accompanied by an Environmental Product Declaration (EPD) regarding the environmental impact during its life cycle (EPD registration number: EPD-IES-0014603-001).

USAGES

Used as a final coating of the certified external thermal insulation system (ETICS) MARMOLINE MONOSIS, or other external thermal insulation systems. In combination with the adhesives/renders FK 201, FK 202. Also used on old or new buildings' surfaces, properly prepared. Ideal for use on surfaces

of fair-face concrete, finish-coat renders, old painted surfaces, cement boards, plasterboards.

Due to its high elasticity, it covers any mistakes on masonry surfaces (capillary cracks) of old buildings and prevents their reappearance.

CHARACTERISTICS/ ADVANTAGES

- High reflectivity with protective properties against UV radiation
- Certified fire reaction class A2
- Modified with silicone additives
- Does not contain cement
- It has elasticity and does not crack
- High resistance
- Excellent adhesion to any surface
- Vapor permeable
- Decorative & Water Repellent
- Resistant to moisture and frost
- It contains incomparable quality of raw materials
- Indoor and outdoor use

PRODUCT INFORMATION

Appearance / Color

White or in various shades through the Marmoline tinting system.

SVR PREMIUM can be coloured with the innovative SVR COOL FAÇADE tinting system. This tinting system has been specially designed to ensure high solar reflectivity in the infrared area of the solar radiation spectrum (700-2500nm) even in dark shades.

By choosing the SVR COOL FAÇADE tinting system, the reflectivity of SVR render increases, which in turn offers a significant increase in the life of the External Thermal Insulation System MARMOLINE MONOSIS.

Packaging	Containers of 25 kg
Storage conditions	In the original, closed, sealed and indestructible packaging, protected from direct sunlight and frost and at temperatures from + 5 ° C to + 35 ° C.
Lifetime	12 months from the date of production (closed container stored in a shady place)

TECHNICAL CHARACTERISTICS

Grading / Granulometry	1 mm - 1,5 mm - 2 mm - 3 mm
Specific gravity of wet mortar	SVR PREMIUM 1 mm: 1700 - 2000 Kg/m ³ SVR PREMIUM 1.5 mm: 1850 - 2150 Kg/m ³ SVR PREMIUM 2 mm: 2100 - 2500 Kg/m ³ SVR PREMIUM 3 mm: 2300 - 2900 Kg/m ³
Reaction to fire (EN 13501-1)	A2-s2, d0
Water absorption (EN 1062-3)	W3
Water vapor permeability (EN ISO 7783-2)	V1
Adhesion (EN 1542)	1 & 1.5 mm: ≥ 1.0 MPa 2 & 3mm: ≥ 0.8 MPa
Thermal conductivity (EN 1745)	1 & 1.5 mm: $\lambda_{10,dry} = 0.83$ W/mK 2 & 3mm: $\lambda_{10,dry} = 1.17$ W/Mk (tab. mean value; P= 50%)

APPLICATION INFORMATION

Temperature	Temperature from + 5 °C to + 30 °C Relative humidity less than 75%
Consumption	SVR PREMIUM 1 mm: 1.8 – 2.0 kg/m ² SVR PREMIUM 1.5 mm: 2.0 – 2.3 kg/m ² SVR PREMIUM 2 mm: 2.5 – 3.0 kg/m ² SVR PREMIUM 3 mm: 3.0 – 3.5 kg/m ²
Safety precautions	VOC: Maximum V.O.C. content: 39 g/L (20 °C). EU limit for the product (Cat. A. c. WB): 40 g/L (2010) Detailed information and instructions regarding the safe management of the product and in matters of Health & Safety, are provided in the most recent Safety Data Sheet (SDS), copies of which are available on the company's website https://marmoline.gr/ or upon request

DIRECTIONS OF APPLICATION

SUBSTRATE PREPARATION

The substrate should be stable, solid, dry and free of dust, loose particles and all kinds of contaminants.

APPLICATION

Apply the render by using a smooth stainless steel trowel. Check and prepare the application surface. Stir the material well before use. Stirring should be done in slow circular motions.

- Apply one layer of MARMOLINE MST 11 or MST 10C primer, before applying SVR PREMIUM.

- Apply SVR PREMIUM at least 7- 10 days after having applied the FK 202 or THERMOWHITE adhesive-coat, according to the instructions of the MARMOLINE MONOSIS ETICS systems.
- Stir well the SVR PREMIUM dispersion render to homogenize the mix.
- Apply uniformly all over the surface, using a proper trowel and, at the same time, lay the mixture so that the coating gets the size of the render's grain.
- Then, when the coating has just begun to set, use a plastic trowel to float the surface, according to the desired result.


TOOL CLEANING

The tools can be cleaned with hot soapy water.

LEGAL NOTICE

We guarantee the quality of all our products, based on their technical specifications, as described in the Declaration of Performance (CE) and this Technical Data Sheet. Such guarantee refers only to the products that we deliver for use and never to its application or final result, which largely depends on the experience and quality of work of each user and on the application conditions. The user is advised to test the product on a small scale, and if he is satisfied with the result, then to use the product on large scale in his project. All data stated in this Technical Data Sheet are based on laboratory tests. The really measurable data might differentiate due to conditions that are not subject to our control.

The recommendations and implementation instructions must be considered by the user as indicative, and always with given that the product has been traded and traded and stored according to its instructions. As it is not possible to control the parameters/conditions of its application product in practice, no guarantee is provided for the final result of each application. Consequently, no legal liability of the Company can be established based on the information and instruction given in this Technical Data Sheet. The Company reserves the right to modify data listed in this Product Data Sheet, with no previous warning. Users must refer to the latest version of the product Technical Data Sheet.

 12 DoP: 204 MAR-CPR
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MARMOLINE SVR PREMIUM External render based in organic binders
EN 15824:2017
Water vapour permeability: V1 Water absorption: W3 Adhesion: 1 & 1.5 mm: ≥ 1.0 MPa, 2 & 3 mm: ≥ 0.8 MPa Thermal conductivity: 1 & 1.5 mm: $\lambda_{10, dry} = 0.83$ W/mK 2 & 3 mm: $\lambda_{10, dry} = 1.17$ W/mK (tab. mean value; P= 50%) Reaction to fire: A2-s2, d0