

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 used as EAD).

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 or THERMOWHITE. 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.
(Color tone variations may occur between batches of the white paste, as the raw materials include crushed white Dionyssos marble aggregates, which naturally shows fluctuations in shade)

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	0.7 mm - 1 mm – 1.5 mm - 2 mm - 3 mm
Density	0.7 mm: 1650 - 1900 Kg/m ³ 1 mm: 1700 - 2000 Kg/m ³ 1.5 mm: 1850 - 2150 Kg/m ³ 2 mm: 2100 - 2500 Kg/m ³ 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)	0.7 - 1.5 mm: ≥ 1.0 MPa 2 - 3mm: ≥ 0.8 MPa
Thermal conductivity (EN 1745)	0.7 - 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	0.7 mm: 1.0 Kg/m ² (in 2 layers - Total consumption: 2.0 Kg/m ²) 1 mm: 1.8 – 2.0 kg/m ² 1.5 mm: 2.0 – 2.3 kg/m ² 2 mm: 2.5 – 3.0 kg/m ² 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.

Attention:

To avoid color shade variations, the required quantity for the entire project

