

SVR PREMIUM

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.

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	A2-s2, d0 (EN 13501 - 1)
Water absorption	W3 (EN 1062 - 3)
Water vapor permeability	V1 (EN ISO 7783 - 2)
Adhesion	>0,80 MPa (EN 1542)
Thermal conductivity (EN 1745)	SVR PREMIUM 1 & 1.5 mm: $\lambda_{10,dry} = 0,83$ W/mK SVR PREMIUM 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	May produce an allergic reaction. Safety data sheet available on request. VOC: Maximum V.O.C. content: 18 g/L (20 °C). EU limit for the product (Cat. A. c. WB): 40 g/L (2010)

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.


TOOLING CLEANING

The tools can be cleaned with hot soapy water.

LEGAL NOTICE

We guarantee the quality of the product, in terms of its technical specifications, as they presented in the technical data sheet. This guarantee strictly concerns only the product available, and in no case, the final

result from its application, which depends largely on the experience and quality of work of each user, as well as the application conditions. The user is advised to apply the product on a small scale, and after being sure of the result, then to use it in his project. The publication of this technical data sheet cancels any previous edition of it.

 12 DoP: 204 MAR-CPR
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MARMOLINE SVR External render based in organic binders
EN 15824:2017
Water vapour permeability: V1 Water absorption: W3 Adhesion: ≥ 0.80 MPa Thermal conductivity : $\lambda_{10,dry} = 0,83$ W/mK (tab. mean value; P= 50%) Reaction to fire: A2-s2, d0