

SVR SILICONE

Coloured silicone render

EN 15824

DESCRIPTION

Ready to use, white or coloured, silicone render in paste form, with maximum grain size 0.7, 1.0, 1.2 & 1.5mm.

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

It is used for highly resistant thin coatings, as finish coating on thermal insulation boards of ETICS systems, on old or new buildings' surfaces, properly prepared. Ideal also for

use on surfaces of fair-face concrete, finish-coat plasters, old painted surfaces, cement boards, plasterboards. It is a part of “MARMOLINE MONOSIS” external thermal insulation composite system ETICS.

CHARACTERISTICS/ ADVANTAGES

- It does not contain cement
- High strength and flexibility /No cracking
- Excellent adhesion on any surface
- Decorative, waterproof, with excellent vapor permeability
- Highly resistant to humidity and frost
- Highly resistant to UV solar radiation
- Raw materials of highest quality
- Internal and external use

PRODUCT INFORMATION

Appearance / Color	White or in various shades through the Marmoline coloring system. <i>(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)</i>
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

Density	0.7 mm: 1650 - 1900 Kg/m ³ 1.0 mm: 1700 - 2000 Kg/m ³ 1.2 mm: 1750 - 2050 Kg/m ³ 1.5 mm: 1850 - 2150 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	>1.0 MPa (EN 1542)
Thermal conductivity (EN 1745)	λ_{10} , dry = 0.83 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) 1.0 mm: 1,8 - 2,0 kg/m ² 1.2 mm: 1,8 - 2,1 kg/m ² 1.5 mm: 2,0 - 2,3 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 SILICONE.
- Apply SVR SILICONE at least 7- 10 days after having applied the FK 202 adhesive-coat, according to the instructions of the MARMOLINE MONOSIS ETICS systems.
- Stir well the SVR SILICONE dispersion plaster 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 should be

ordered in a single production batch. If different batches are used, it is recommended to mix them together in a large container prior to application.

TOOLING 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 the application of the 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.

CE 17 DoP: 256 MAR-CPR
NORDIA S.A. 364 Kifissias Av., 15233 Chalandri, Athens/ Greece
MARMOLINE SVR SILICONE External render based in organic binders
EN 15824:2017
Water vapour permeability: V1 Water absorption: W3 Adhesion: ≥ 1.0 MPa Thermal conductivity ($\lambda_{10,dry}$) (tab. mean value; P= 50%): 0.83W/mK, Reaction to fire: A2-s2, d0