

SARSIL® ME-25

Silicone water emulsion for surface impregnation and refinement of plaster mortars

PRODUCT DESCRIPTION

SARSIL® ME-25 is silicone water emulsion with small solvent content.

TECHNICAL DATA

No.	PROPERTIES	SARSIL® ME-25
1.	Appearance	milky-white liquid
2.	Dilution	with water (for surface hydrophobization)
3.	Density at 20°C	ca. 1,00 g/ml
4.	Active substance content	ca. 25 %

APPLICATION

SARSIL® ME-25 is used as an additive in production of different kind of facade plasters, as a binder in paints and as an agent for the hydrophobization of the surface of porous building materials, such as cement-lime plaster and acrylic plasters, (insulation systems), concrete, gypsum blocks, tiles and silicate brick SARSIL® ME-25 provides durable protection of surfaces against humidity and protects coloured facade coatings against colour fading. A trial application should be carried out prior to assess the final effect of impregnation.

APPLICATION

SARSIL® ME-25 can be applied as:

- additive in production of different kind of facade plasters, added to mortars in undiluted form in quantity from 0.4 to 0.7%
- additional silicone binder in production of paints, added in quantity up to 10%
- surface water repellent after dilution with water in the ratio 1:5 to 1:6.

Attention: During operating with SARSIL® ME-25 protective glasses, gloves, cloth and head gear should be worn. Ensure effective air exchange. During operating with SARSIL® ME-25 safe regulations should be applied, as well as all safety rules and other recommendation described on the product label.

Surface impregnation-preparation of the substrate

The main condition of successful impregnation is a careful preparation of the surface. The porosity of the surface should be uniform. The surface should be clean, de-

greased and dry. New cement-lime plasters and concrete can be impregnated not earlier than 21-28 days after finishing construction works. The substrate repaired using plasters or putties of the PCC type can be impregnated after 6 days. It is recommended that the impregnation should be performed in dry, rainless conditions at temperature from +5 to +30°C.

Before starting the impregnation all surfaces which will not be impregnated (windows, metal parts, wooden parts, polished stone slabs etc.) should be well protected. Contaminated surfaces should be immediately washed with petroleum (white) spirit or agent **SARSIL® zmywacz**.

Substrate treatment

Impregnation can be performed by brushing, spraying as well as by immersion of small elements in the diluted product during ca. 5 min. It is recommended to impregnate the surface twice with small intervals using method „wet on wet”. The second layer depending on the ambient temperature and porosity of the substrate should not be put later than 30 min after first impregnation when the surface is still wet. The treated surface should be impregnated accurately and homogeneously.

The product does not cause brightening or change the structure of impregnated surface. In case of low-absorbed substrate do not let unabsorbed material stay on the surface. After 15 min. from the impregnation the excess material must be removed from the surface.

Efficiency: 7-12 m² from 1 kg of concentrate diluted with water in the above ratio when impregnation is performed twice. The consumption of SARSIL® ME-25 depends on the absorption of impregnated material and impregnation method.

Storage:

Should be stored in original containers in dry places at temperature from +5 to + 30°C. Protect against freezing.

Warranty period:

12 months from the production date.

Containers:

1, 5, 30, 200, 1000 kg

Technical Approvals and Certificates:

Hygienic Certificate PZH

ITB National Technical Assessments no ITB-KOT-2018/0293

SARSIL® ME-25:

- provides water repellent protection for several years,
- ensure uniform penetration to the substrate and formation of the protection layer with excellent resistance to weathering including UV-light and several chemical pollutants,
- does not change permeability („breathability”) of the substrate,
- does not change colour of the substrate, but gives more intensive natural colour of building material,
- exerts the effect of self-cleaning of buildings materials while raining, which helps to maintain the esthetic appearance for many years,
- provide protection against algae and fungi growth,
- added as an additive or binder improves use properties of plasters and final products,
- environment friendly

Producer's notes

The information contained in this document is given in good faith based on our current knowledge. However, this shall not constitute a guarantee for any specific product features. Each user bears the full responsibility for making its own determination as to the suitability of product for its own particular purpose. Because actual use of product by the user is beyond our control, such use is within the exclusive responsibility of the user, and we cannot be held responsible for any loss incurred through incorrect or faulty use of the product. For more detailed information please contact us in writing or by phone.

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