

TECHNICAL SHEET 01.02.05-EN



SILICONE Primer

Silicone primer

1. Description, Application

SILICONE Primer is a primer based on water emulsion of silicone resins and intended for all types of façade surfaces (mineral and other renders, concrete, fibre-cement boards, and similar). It is used mainly prior to painting of surfaces with silicone or acrylic façade paints (also prior to painting with lime façade paints, especially in the case when painted surfaces are additionally hydrophobbed with silicone water repellent agents) and prior to application of silicone or acrylic decorative renders.

It penetrates into the surface well, equalises it with regard to water absorption, considerably increases its water repellency and reduces dissolving of salts that dissolve quickly in water on its surface or just below it. It also binds to the surface dust and other badly-adhered particles, which could not have been removed with cleaning for whatever reason.

2. Colour Shades

- White (shade 1001)

3. Technical data

Packaging	5 l	
Density	~1.005 kg/dm ³	
Water dilution - ratio	1:1	
Drying time T = +20 °C, relative air humidity = 65 %	Touch dry	~2 h
	Suitable for further treatment	4-6 h
	Resistance of the surface to being washed out by precipitation water is achieved	24 h
Content of vaporous substance (VOC)	8 g/l	

The EU VOC requirement - category	A/g <30
Consumption	90-100 ml/m ²
Recommended number of layers	1

4. Installation Conditions

The temperature of the air and the wall surface should be between +5°C and +35°C and the relative air humidity should be below 80 %. Protect façade surfaces from sun, wind and rainfall using protective scaffold nettings; however, do not conduct any work in rain, fog or strong wind (≥30 km/h) despite such protection.

5. Surface Preparation

Surface should be solid, dry and without any badly-adhered particles, dust, remains of paneling oils, fat, or other filth. Washing with a high-pressure water blaster (hot water or steam) is especially recommended mainly for very dirty façade surfaces, all concrete surfaces and façade surfaces infected with wall algae and mould. Disinfect such surfaces after they are washed.

In normal conditions (T = +20 °C, relative air humidity = 65 %), dry or mature the newly applied renders and levelling compounds for at least a day for each mm of their thickness. Dry concrete surfaces for at least a month. In case of paint renovation, thoroughly remove from the surface all old badly-adhered coatings, slurries and other decorative coats, all of which get easily soaked in water.

In the event of potential mending of façade surfaces that have been damaged in any way, follow only procedures, which ensure, concerning roughness, as high a level of equalisation as possible to the mended surface.

6. Instruction for Use

Prior to application, stir the product well and dilute it with water at a ratio of 1:1. Quantities necessary to coat individual surfaces are calculated or estimated on the basis of the area of these surfaces and data on consumption rate, and, in specific cases, consumption is determined by making measurements on a test surface that is large enough.

Apply the primer in one coat using one of the following: a paint brush suitable for the application of dispersion coats, a long-haired furry or a textile paint roller (length of hairs or threads is 18 - 20 mm; the following can be used: natural and artificial fur or textile linings made of different synthetic threads – polyamide, dralon, vestan, nylon, perlon or polyester), or spray it. When applying the paint with a roller, use a suitable bucket grid.

The primer can be sprayed onto a surface with traditional high pressure and modern low pressure spray guns of different types (with “external” or “internal mixing of air”), as well as airless aggregates of a variety of manufactures. As regards to the choice of diameter of spraying nozzles and service pressure, follow the producer's instructions. Paint an individual wall surface without any interruptions from one corner of the wall to the other. Always treat surfaces inaccessible to a standard long-bristle paint roller or a spray gun (corners, gutters, narrow reveal surfaces, and similar) first using suitable brushes or smaller paint rollers adjusted to existing conditions.

Wash the tool thoroughly with water immediately after use, dried stains cannot be removed.

7. Storage, Transportation Conditions and Durability

Storage and transportation at temperature +5°C to + 25°C, protected from the direct sunlight, out of reach of children, **MUST NOT FREEZE!!**

Durability when stored in originally sealed and undamaged packaging: at least 12 months.

8. Other Information

Technical instructions in this brochure are given based on our experiences and are given as a guideline for achieving optimal results. We cannot take any responsibility for the damage, caused by incorrect selection of a product, incorrect use or unprofessional work.

Safety measures: Follow the instructions on the safety data sheet of the product.

This technical sheet supplements and replaces all preceding editions. We reserve the right to change and supplement data in the future.

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