Deep-penetrating silicone primer



Specification

- it penetrates deeply and hardens the base surface
- it lessens water permeability of the base surface without significant effect to vapor permeability of a complex coating.

Sphere of application

It is intended for improving adhesion, hardening and leveling of absorption of different surfaces (bricks, concrete, slag block, concrete stuccos, chip wood boards, MDF, gypsum boards and other porous surfaces) before performing of any finishing works with a plaster or putty, coating with acrylic or silicon waterborne products inside and outside.

Technical data

Consumption standard of 1 layer	80-125 g/m^2, it depends on condition and structure of the surface.
Thinner	Water
Application	It is applied with a roller, a brush or a spraying gun.
Drying period (23 °C, 50% RH)	1 hour. Drying period increases if the temperature is getting down and relative air humidity is increasing.
Solids content (DSTU ISO 3251)	6±1 %
Density (DSTU ISO 2811-1)	≈ 1 g/cm^3
Warranty period	18 months from the date of manufacturing (at the temperature from +5 °C till +35 °C)
Packaging	2kg (≈ 2l), 5kg (≈ 5l), 10kg (≈ 10l)
Color	colorless.

Composition

Acrylic dispersion, silicone emulsion, water, additives.

Application instruction

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1 Surface preparation

The surface shall be dry, hard and without significant damages. It shall be clean of chalk and lime chalk whitewash, oil, bitumen and other dirt. Existing efflorescences, fragile and dirty areas shall be cleaned with a wire brush (a spatula) or with a polishing machine. Remove abrasive dust.

Non-significant defects of mineral surface shall be corrected with Finishing Putty TM Farbex. Polish the surface after that and remove the dust.

It is recommended to treat the surface with Antiseptic product TM Farbex for protection against mould and fungi.

Previously coated surfaces need no undercoating.

2 Applying

Stir thoroughly the primer before use.

The primer shall be applied evenly with a brush, a roller or a spraying gun. The temperature of air and the surface, which shall be undercoated, shall be from +10 °C till +30 °C and relative air humidity lower than 80%. Extremely absorbing surfaces shall be treated with the primer twice with intermediate drying of 1 hour.

Do not undercoat under direct sunlight, strong wind, frost or precipitation. The undercoated surface shall not be affected by precipitation or subzero temperatures before applying the finishing coating.

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All subsequent works shall be performed not before 5-6 hours after the last coat of primer has been applied.

3 Tool cleaning

Clean tools with water after application. Do not let them dry.

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SAFETY

Do not mix with other products and (or) organic solvents! Keep in the places out of reach of children in tightly closed original containers at the temperature from +5 °C till +35 °C. Keep out of moisture, direct sunlight and frost. During application use personal safety gear (work clothes, rubber gloves, a respirator and safety glasses). If application is indoors well-arranged ventilation shall be provided. If skin contact, wash thoroughly with water and soap. If eye contact, rinse with plenty of running water. Consult a doctor if necessary. VOC content: cat. A/h (WB): < 30 g/l. Actual VOC content ≤ 15 g/l. More detailed information you can read in the safety data sheet. The product has a sanitary-epidemical conclusion of the state expertise.

ENVIRONMENTAL PROTECTION

Do not empty into drains, ponds and in soil! Liquid rests shall be delivered to the waste drop-off point. Rests of dry products and empty containers shall be recycled as common construction waste, in accordance with the Law.

The authenticity of this information is based on laboratory tests and practical knowledge. The quality of the product completely corresponds to the demands of TU U 20.3-32318370-017:2018. As a manufacturer, the company isn't responsible for the damage caused by application, which is not in accordance with the directions. Applicability of the product for specific purposes shall be defined entirely by the consumer. Current information loses validity with the issue of a new edition.

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