Silicone paint-primer with quartz extender



Specification

It hardens the base surface. It has high level of adhesion, high vapor permeability and low water permeability. It makes application and structuring of silicone and acrylic decorative texture products easier. It is resistant to the effects of water, frost, precipitations and sunlight.

Sphere of application

It is intended for preliminary coating with the purpose to harden the surface and improve adhesion, and also to make application of silicone and acrylic waterborne products (structured paints, decorative stuccos, etc.) easier. It is intended for interior and exterior works. It can be applied on any mineral (concrete, brick, plaster, putty, gypsum) and wooden surfaces (ply wood, MDF, wood chip boards, OSB). It can be used with facade insulation systems, as well for building conservation for winter period and also as separate decorative coating.

Technical data

Consumption standard of 1 layer	0,25 - 0,3 kg/m^2
Thinner	Water . The paint-primer is ready to use and needs no dilution.
Application	It is applied with a roller or a brush (finishing brush)
Drying period (23 °C, 50% RH)	ab. 2 hours . Drying period increases if the temperature is getting lower and relative air humidity is getting higher.
Solids content (DSTU ISO 3251)	65±2 %.
Density (DSTU ISO 2811-1)	1,5±0,05 g/cm^3
Gloss (DSTU ISO 2813)	Not defined , (not def. G_0, DSTU EN 1062-1)
Dry film thickness	Equal to the size of grain, ab. 0,5 mm, for single layer of coating (> 400 microns, E_5, DSTU EN 1062-1)
Particle size	maximal 500 microns , (hard-grained, < 1500 microns, S_3, DSTU EN 1062-1)
Vapor permeability (EN ISO 7783-2)	more than 200 g/(m^2*day) , (high, > 150 g/(m^2*day), V_1, DSTU EN 1062-1)
Water permeability (DSTU EN 1062-3)	maximal 0,1 kg/(m^2*$h^{0,5}$) , (low, < 0,1 kg/(m^2*$h^{0,5}$), W_3, DSTU EN 1062-1)
Marking acc. to the DSTU EN 1062-1	G_0|E_5|S_3|V_1|W_3|A_0|C_0
Warranty period	24 months, (at the temperature from +5 °C till +35 °C)
Packaging	4,2 kg, 7 kg, 14 kg
Color	white (base A).

Composition

Acrylic dispersion, silicone emulsion, water, pigments, extenders, quartz sand, additives.

Tinting

It can be tinted manually with Pigment Concentrate Farbex Color, other waterborne coloring pastes or with a coloring machine acc. to NCS color range and others.

Application instruction

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1 Preliminary preparation

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Uncoated surfaces: Clean of fragile surfaces till hard base surface, dust, oil, grease and other dirt.

Fresh coats of the stucco shall not be treated 2-4 weeks.

Previously coated surfaces: Clean thoroughly the surface from old loose coats (peeled paint or varnish) in a mechanical (a scraper, a wire brush), thermal (a hot air dryer, infrared radiation) or chemical (paint removal solutions) way. Clean the surface from all kinds of dirt. Surfaces previously coated with alkyd or oil enamels shall be sandpapered. Then treat the surface as the uncoated one.

Non-significant defects of mineral surfaces shall be corrected with Finishing Putty TM Farbex. Then sandpaper the surface.

Treat the surface with Antiseptic product TM Farbex to protect against mould and fungi.

2 Priming

Previously treated mineral and wooden surfaces need no undercoating.

Previously untreated absorbing mineral surfaces shall be undercoated with a deep-penetrating silicone primer "Urban Primer" TM Maxima.

Previously untreated wooden surfaces shall be undercoated with wood-protective acrylic primer TM Maxima.

3 Applying

Stir thoroughly the products before use. The paint primer is ready to use and needs no dilution. The application shall be performed at the temperature of air and the surface from + 5 °C till + 35 °C and relative air humidity less than 80%.

Do not apply the paint under direct sunlight, strong wind, frost and precipitation. The surface shall not be affected with precipitation or sub-zero temperatures for 24 hours after the coating is applied.

Subsequent works shall be performed in 24 hours.

4 Tool cleaning

Clean tools with water after application. Do not let them dry. The dry product shall be removed from the tools in a mechanical way.

SAFETY

Do not mix with other products and (or) organic solvents! Keep in tightly closed original containers at the temperature from +5 °C till +35 °C. Keep out of moisture, direct sunlight, frost and out of reach of children. 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/c (WB): < 40 g/l. Actual VOC content ≤ 20 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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