

Silicone Facade Paint

Specification

Matt. It has advanced resistance to weather effects (moisture, UV radiation). It has high vapor and low water permeability (acc. to DSTU EN 1062), and good adhesion.



Sphere of application

It is intended for coating of building facades made of different hard mineral (concrete, bricks, plaster, putty, gypsum base surface), mineralpolymeric (acrylic or silicone stuccos) and other surfaces (ply wood, MDF, wood chip board, OSB).

It is used for the initial application and renovation of facades of living, trade, industrial, storing and other buildings, reinforced concrete and cast-in-place concrete constructions and also facade insulation systems.

Technical data

Consumption standard of 1 layer	150-200 g/m ² , depending on the way of application and the type of the surface.
Thinner	Water . Dilution of maximal 10% of the total weight of the product is allowed.
Application	Apply with a roller, a brush or a spraying gun.
Drying period (23 °C, 50% RH)	2 hours . Drying period increases if the temperature is getting lower and the relative air humidity is getting higher.
Color base	A, B, TR. It is shaded according to NCS color range.
Solids content (DSTU ISO 3251)	about 56 % (base A), about 55 % (base B), about 56 % (base TR).
Density (DSTU ISO 2811-1)	about 1,45 g/cm ³ (base A), about 1,37 g/cm ³ (base B), about 1,36 g/cm ³ (base TR).
Gloss (DSTU ISO 2813)	< 5 GU (matt, max. 10 GU at 85°, G ₃ , DSTU EN 1062-1)
Dry film thickness	50-100 microns , for a single layer (E ₂ , DSTU EN 1062-1)
Particle size	max. 30 microns , (fine-grained, S ₁ , DSTU EN 1062-1)
Vapor permeability (EN ISO 7783-2)	more than 150 g/(m ² *day) , (high, V ₁ , DSTU EN 1062-1)
Water permeability (DSTU EN 1062-3)	max. 0,1 kg/(m ² * h ^{0,5}) , (low, W ₃ , DSTU EN 1062-1)
Marking acc. to the DSTU EN 1062-1	G ₃ E ₂ S ₁ V ₁ W ₃ A ₀ C ₀
Warranty period	24 months from the matufacturing date (at the temperature from +5 °C till +35 °C)
Packaging	Base A - 1,4 kg, 4,2 kg, 7 kg, 14 kg, 20 kg Base B, TR - 1,2 kg, 3,6 kg, 6 kg, 12 kg, 18 kg
Color	base B, base TR, white (base A).
Gloss	matt.

Composition

Acrylic dispersion, silicone emulsion, pigments, extenders, 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

1 Preliminary preparation

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

Previously coated surfaces: clean thoroughly the surface of old loose coats (peeled paint or varnish) in mechanical (a scraper or a wire brush), thermal (hot air dryer, infrared radiation) or chemical (paint removing solutions) way. Chalk or lime-chalk coatings shall be removed till hard surface in mechanical way. The surfaces shall be also cleaned 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 the mineral surface shall be corrected with Putty TM Farbex. Then sandpaper it.

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

2 Priming

Previously treated mineral and wooden surfaces need no undercoating.

Previously untreated absorbing mineral surfaces shall be undercoated with Silicone deep-penetrating primer TM Farbex.

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

3 Application

Stir the paint thoroughly before use. Dilute with water if necessary. Abnormal dilution makes the quality of the coat worse! Apply the paint at the temperature of air and surface from + 5 °C till + 35 °C and relative air humidity less than 80%. Apply the paint with 1-2 coats with a brush, a roller or a spraying gun.

Do not apply the paint under direct sunlight, strong wind, frost or precipitation. The coating shall not be affected with precipitation or sub-zero temperatures for 8 hours after it is applied.

The surface achieves its protective properties 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 ≤ 25 g/l. More detailed information you can read in the safety data sheet. The product has a sanitary-epidemic 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.

