Acrylic structure stucco "Bark beetle"



Specification

Ready to use. It creates a weather-resistant coating with low water permeability, resistant to mechanical load, aggressive nature effects and different dirt. It is permeable to vapor, flexible, highly adhesive and can cover small cracks. It is easy to use and to form a structure.

Sphere of application

It is intended for finishing coating with the structure of "bark beetle" when it is applied on porous and gas concrete surfaces, mineral plasters, gypsum boards, concrete, gypsum, isolating systems, stone walls, asbestos cement indoors and outdoors. It is recommended for surfaces with high exploitation load and also for the facade insulation systems.

Technical data

Consumption standard of 1 layer	3,6-4,0 kg/m^2
Thinner	Water. It is allowed to dilute it max. 1% of the total weight of the product - for manual application and max. 5% for machine application.
Application	Apply the product with a stainless trowel and form a sturcture with a plactic trowel.. It is allowed to apply with a machine.
Drying period (23 °C, 50% RH)	ab. 3 hours ("tack free"). After application the surface shall not be effected by falls or subzero temperatures during 24 hours. Complete drying of the surface is in 72 hours.. Drying period increases if the temperature is getting down and the relative air humidity is increasing.
Solids content (DSTU ISO 3251)	83,5±2 %
Density (DSTU ISO 2811-1)	1,95±0,05 g/cm^3
Gloss (DSTU ISO 2813)	Not defined, (not def., G_0, DSTU EN 1062-1)
Dry film thickness	It corresponds the size of the grain, ≈ 1,5 mm, for single coat (> 400 microns, E_5, DSTU EN 1062-1)
Particle size	maximal 2500 microns, (hard-grained, >1500 microns, S_4, DSTU EN 1062-1)
Vapor permeability (EN ISO 7783-2)	more than 100 g/(m^2*day), (medium, > 15- ≤150 g/(m^2*day), V_2, DSTU EN 1062-1)
Water permeability (DSTU EN 1062-3)	max. 0,1 kg/(m^2*$h^{0.5}$), (low, < 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_4|V_2|W_3|A_0|C_0
Non-volatile matter by volume (DSTU ISO 3233)	68±2 %
Warranty period	18 months, (at the temperature from +5 °C till +35 °C)
Packaging	18 kg, 25 kg
Color	white (base A).

Composition

Acrylic dispersion, pigments, water, extenders, additives.

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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

Uncoated surfaces: Clean thoroughly from fragile coatings, dust, oil, grease, and other dirt. New stucco coatings shall not be treated before 2-4 weeks.

Previously coated surfaces: clean the surface thoroughly from old loose coatings (loose paint or varnish) mechanically (a scraper, a wire brush), thermally (hot air dryer, infrared radiation) or chemically (paint removing products). The surface shall be also cleaned of all kinds of dirt. Surfaces previously coated with alkyd or oily enamels shall be sandpapered then apply adhesive primer "Beton-kontakt" TM Farbex. Then treat the surface as an uncoated surface.

Correct non-significant defects of mineral surfaces with Finishing Putty TM Farbex and then sandpaper.

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

2 Priming

Very absorbing surfaces shall be treated with deep penetrating silicone primer TM Farbex.

Apply obligatory a coat of paint primer with quartz filler TM Farbex. Paint primer shall be tinted in the color of decorative stucco.

Apply a coat of adhesive primer "Beton-kontakt" TM Farbex for difficult base surfaces (see the sphere of application). Adhesive primer shall be tinted in the color of decorative stucco.

3 Applying

Stir thoroughly before use.

The product shall be applied on the surface in 1 layer with a stainless trowel or an appropriate machine for the application. Remove the extra product from the surface right after application making the grain-size thickness layer. Form a structure in 3-5 minutes with a plastic trowel. In accordance with the direction of the tool move (vertical, horizontal or circle like, etc.) different structures of the "bark beetle" are achieved. The time between stucco application and its structuring can vary depending on the temperature and air humidity, the temperature of a base surface, degree of its water absorption and the body of the product.

If the application is performed manually there shall be two persons as the work on one flat area shall be performed constantly with the "wet to wet" method. The structure of the surface shall be formed with the same instrument on the whole surface. Don't let the edge of the applied product getting dry.

When the product is applied with a machine, its nozzle shall be chosen exactly in accordance with the grain size (nozzle size shall have a diameter of 4 grains). Required working pressure shall be 0.3 - 0.4 MPa (3-4 bar).

The temperature of air and the surface under application shall be from +5 ° C till +30 ° C, maximal relative air humidity shall be 80%.

Do not apply stucco under direct sunlight, strong wind, frost and precipitation.

4 Tool cleaning

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

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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/l (WB):< 200 g/l. Actual VOC content ≤ 60 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 testing and practical experience. Quality of materials completely meets the demands of TS U 20.3-32318370-013:2013. As a manufacturer, the company isn't responsible for the damage caused by the wrong application of the product. Applicability of the product for specific purposes shall be defined entirely by a consumer. Current information loses validity with the issuing of a new edition.

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