

Decorative coating with the effect of natural stone and concrete Art Beton



Specification

Coating Art Beton allows achieving various structures: concrete, concrete stucco, travertine stone, shell deposit and other effects of structure with polishing glossy or matt surface. It creates a hard, weather-resistant, vapor permeable and durable coating.

Sphere of application

It is intended for high-quality decoration of facades, terraces and also the surfaces indoors with high exploitation load (shops, restaurants, saloons, bathrooms, swimming pools, living premises, offices and basements), which are made of mineral base surfaces (cement and lime-cement stuccos, plaster, gypsum, brick, concrete, foam-concrete). Use protective waxes TM Maxima for additional protection of the surfaces against high exploitation load.

Technical data

Thinner	water. Maximum diluting by 10% of the total mass is allowed.
Application rate	1,8 kg/m ² - 2,5 kg/m ² depending on the technique of application and quantity of coats.
Drying period (20 °C, 60% RH)	24 hours. Drying period increases if the temperature is getting down and relative air humidity increases. Complete hardness of the coating is achieved in 28 days!
Application	<ul style="list-style-type: none"> - apply with a trowel or a stainless spatula; - create the structure with decorative tools (a spatula, a trowel, a corduroy tool or others); - make initial levelling and hardening with a stainless trowel; - make final hardening with a plastic float; - polished look can be achieved by the elicto-polishing tool.
Density (DSTU ISO 2811-1)	1,7 g/cm ³
Particle size	maximum 1000 microns
Solids content (DSTU ISO 3251)	minimum 75%
Resistance to static effect of water	minimum 36 hours at 20 °C
Warranty period	18 months from the date of manufacturing
Color	white.

Composition

acrylic copolymer, fillers, water, additives.

Tinting

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

It is recommended to use products from one batch to avoid the differences in shades of color. If use products of different batches mix them together.

Modifications in the technical properties of products are allowed after tinting.

Application instruction

1 Surface preparation

Uncoated surface: remove all fragile particles, dust, oil, grease and other dirt till hard base surface.

Previously coated surface: clean thoroughly from old loose coats. Clean the surface from all kinds of dirt.

Insignificant defects of the mineral surface shall be corrected with finishing plaster TM Farbex and then polish.

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

2 Priming



Extremely absorbing surfaces shall be treated with a deep-penetrating primer TM Farbex or TM Maxima.

It is obligatory to apply a coat of adhesive primer with quartz filler QuartzPrimer TM Maxima or matt latex paint "Silk Touch 3" TM Maxima. The paint or QuartzPrimer shall be tinted in the color of decorative stucco.

3 Applying

Stir the product carefully before use.

One coat application:

Apply a thick coat of the product homogeneously with a stainless spatula or trowel. Then form the pattern with a spatula, a trowel, a corduroy tool or other decorative tool, depending on the desired pattern. Flatten the surface in 10-20 minutes after stabilizing of moisture. Harden and level the surface with a stainless trowel. When the surface is going to dry it is necessary to continue hardening the coat with a plastic trowel to avoid blackening of the surface.

Double coat application:

Firstly apply a thin coat homogeneously with a stainless spatula or trowel. Apply the second coat of the product with a stainless spatula or trowel after full drying of the first coat. Form the pattern with a spatula, a trowel, a corduroy tool or other decorative tool, depending on the desired pattern. Flatten the surface in 10-20 minutes after stabilizing of moisture. Harden and level the surface with a stainless trowel. When the surface is going to dry it is necessary to continue hardening the coat with a plastic trowel to avoid blackening of the surface.

Perform application at the temperature of air and the surface from +10°C till + 30°C and maximal air humidity of 80%.

Do not apply the product under direct sunlight, strong wind, frost and precipitations. The surfaces shall not suffer from precipitations or subzero temperatures during 24 hours after application.

It is recommended to work in a group of two or three persons, as the work on a single surface shall be performed continuously.

4 Polishing

Treat the surface with an electro-polishing tool for the polish look of the surface when the surface is completely dry and before applying the wax.

Remove the dust thoroughly after polishing (with a vacuum cleaner or compressor).

5 Applying of finishing layer

Decorative coating Art Beton can be used as the only coating.

It is recommended to use wax Cera TM Maxima for creating additional decorative effects indoors.

It is recommended to use CeraFrontale TM Maxima to add decorative effect for facades or protect the surfaces with high exploitation load.

Way of application, characteristics and necessary tools for wax are stated in technical data sheets for waxes Cera and CeraFrontale TM Maxima or at our website.

6 Tool cleaning

Wash the tools with water. Don't let it get dry. Parts of rejected product can be removed mechanically.

SAFETY

Do not mix with other products and (or) solvents! Store in tightly closed original containers at the temperature from +5 °C till +35 °C, preventing moisture effect, direct sunlight and frost, in the places out of reach of children. Use individual safe gear (special clothes, rubber gloves, respirator and protective glasses) during application works. Effective ventilation is necessary if applying indoors. If skin contact, wash thoroughly with water and soap. If eye contact, what with plenty of running water. Contact a doctor if necessary. VOC content is A/12 (WB): < 200 g/l. Actual VOC content is ≤ 18 g/l. More precise information is in MSDS. 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 24.6-30495628-007:2006. 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.