Decorative material with quartz sand and pearlescent effect "Duna"



Specification

The Duna product creates an effect of sand-dune thanks to pearl twinkle and rough nonabrasive structure. It can change tints depending on the lighting. The product is flexible, easy to use, and simple. It allows to received different patterns which depend on the applying technique. It creates a hard durable and vapor permeable coating.

Sphere of application

It is intended for decorating mineral surfaces (cement and cement-lime plasters, filler, gypsum, concrete) inside of premises with high operation load: living premises, offices, stores, restaurants, saloons.

Technical data

Thinner	Water. It is allowed to dilute it max. 10% of the total weight of the product.
Consumption standard of 1 layer	≥ 200 g/m^2, depending on the technique of application and quantity of coats.
Drying period (20 °C, 60% RH)	4 hours. Drying period increases if the temperature gets down and relative air humidity icreases. Complete hardening of the coating is achieved in 28 days!
Application	Apply with a brush or roller and create a pattern with a brush.
Density (DSTU ISO 2811-1)	≈ 1,38 g/cm^3
Particle size	max 300 mkm
Solids content (DSTU ISO 3251)	58±2 %
Warranty period	24 months, (at the temperature from +5 °C till +35 °C)
Packaging	1kg, 3 kg, 5 kg
Color	silver .

Composition

acrylic copolymer, pearl pigments, quartz sand, fillers, water, 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.

It is recommended to use products from one batch to avoid the differences in shades of color.

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

Application instruction

1 Surface preparation

Uncoated surfaces: 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 Quartz Primer TM Maxima or latex primer paint Deco Base TM Maxima

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Decor. The paint or QuartzPrimer shall be tinted in the color of decorative stucco.

3 Applying

Stir the paint thoroughly before use.

The material shall be applied with a brush or roller by voluntary movements. Quartz particles shall be evenly spread on the surface. The necessity patterns shall be created by grouping fractions with a clean brush after 10-15 min from the application.
The drying time for a single coat is 4 hours. Do not apply the next coat until at least 24 hours have passed. Drying time increases with lower temperatures, higher relative humidity, and increased plaster application rate (layer thickness). After application, the surface must not be exposed to moisture or mechanical stress for 24 hours. The surface is fully dry after 28 days.

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

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 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) 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/l (WB): < 200 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 20.3-32318370-024:2022. As a manufacturer, the company isn't responsible for the damage caused by application, which is not in accordance with the directions. The 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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