

## Latex paint «LOTOS»

### Specification

The paint is hypoallergic, so it doesn't affect irritating, skin-resorbing and sensitizing (allergic) reactions. It is remarkable for its coverage rate, high resistance level to repeated washing (1 class acc. to DSTU EN 13300) and vapor permeability. It creates the coating with silky-matt gloss. It contains wax, which provides a "lotus effect" as the coating achieves water repellent features and is easy to clean from contaminations from the surface. It is easy to apply, doesn't run and spray during application.



### Sphere of application

This latex paint is recommended for initial and renovating coating of walls and ceilings in dry and wet premises with high exploitation loading: children's rooms, kindergartens, medical and educational establishments, living and administrative premises, trade and recreation establishments and industrial premises. It is not intended for coating floors, doors and furniture! For interior works.

**SURFACES:** Mineral (plasters, stuccos, bricks, concrete), gypsum, wooden surfaces, wallpaper and fiberglass and the surfaces, which were previously coated with oil enamels.

### Technical data

Consumption standard of 1 layer	100-150 g/m <sup>2</sup> It depends on the way of application
Thinner	Water. It is allowed to delute the product up to 10% of the total mass of the product
Application	Apply with a roller, a brush or a spraying gun
Drying period (23 °C, 50% RH)	1 hour. Drying period increases if the temperature is going down and relative air humidity is getting high
Color base	It can be tinted according to the NCS color rate
Solids content (DSTU ISO 3251)	57±2 %
Density (DSTU ISO 2811-1)	≈ 1,34 g/cm <sup>3</sup>
Gloss (DSTU ISO 2813)	max. 10 GU at 60°, mid sheen, DSTU EN 13300)
The degree of milling (SSU ISO 1524)	max. 20 micron, (fine-grained, DSTU EN 13300)
Contrast ratio of dry film (ISO 6504-3)	min. 99%, 2 class of the coating rate (acc. to DSTU EN 13300)
Wet-scrub resistance, microns (DSTU ISO 11998)	max. 5 (after 200 cycles)
Wet-scrub resistance class (DSTU EN 13300)	1
VOC content (ISO 11890)	-
Warranty period	36 months, (at the temperature from +5°C till +35 °C)
Packaging	1,2 kg, 3,5 kg, 6 kg, 12 kg
Color	white (base A).
Gloss	silky matt.

### Composition

Acrylic latex, pigments, fillers, water, additives.



## Tinting

It is tinted manually with water-based color pastes "Farbex Color" or with tinting machines according to NCS color rate.

It is recommended to use the product of the same batch for coating of one surface to avoid deviation in shades. If you use the product of different batches it is necessary to mix them.

It is not recommended to dilute tinted paint for applying of finishing coat.

Insignificant deviations in the technical properties of the product are possible after tinting.

## Application instruction

### 1 Surface preparation

The surface for coating shall be dry and hard, thoroughly cleaned from dust, chalk and lime coatings, fragile coats, grease and other dirt. Defects of the surface shall be removed with Plaster TM "Farbex".

Polish dried surface and remove abrasive dust. Treat the surfaces with antiseptic TM "Farbex" in wet and poor aired premises.

### 2 Priming

Treat the surface with a deep-penetrating primer TM "Farbex" or a concentrated primer 1:10 TM "Maxima" to harden the surface and equalize its adhesive ability.

### 3 Applying of finishing layer

Stir the product thoroughly before application.

Perform application at the temperature of air and the surface from + 10 °C till + 35 °C and relative air humidity less than 80%.

**TOOLS AND THE QUANTITY OF COATS:** Apply the paint with a brush, a roller or a spraying gun in 1-2 coats. Clean the tools with water thoroughly after application. Don't let the product dry on tools.

### 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.

## SAFETY

Store the product in a tightly closed original container at the temperature from + 5 °C till + 35 °C. Keep out of moisture, direct sunlight, frost and out of reach of the children. Do not mix with organic solvents. If skin contact rinse with water. During application use personal safety gear. It doesn't contain lead and its compounds. VOC content: Cat. A/1 (WB) < 30 g/l. Actual content ≤ 0 g/l.

## ENVIRONMENTAL PROTECTION

Do not empty into drains, ponds and in the 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 24.6-32318370-020:2021. 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.

