

Acrylic enamel for wood and metal



Specification

The product is distinctive for its whiteness degree. It does not become yellow with time. Quick-drying. Enamel has high weather stability, moisture, and temperature resistance. Applied enamel forms solid, elastic coat, resistant to mechanical loading and intensive multiple washing.

Sphere of application

It is intended for decorative-protective painting of wooden (furniture, doors, windows, etc.), primed metal, mineral (finished, concrete, masonry) and other surfaces indoors and outdoors.

Technical data

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| Consumption standard of 1 layer | 80-125 ml/m ² , depending on the type of the surface and way of application. |
| Thinner | Water. It is allowed to dilute it maximum 10 % of the total weight. |
| Application | Apply with a brush, a roller or a spraying gun. |
| Drying period (23 °C, 50% RH) | < 2 hour. Drying period increases if the temperature is getting down and relative air humidity is increasing. |
| Solids content (DSTU ISO 3251) | ≈ 31 % (Glossy Base TR). ≈ 42 -44 % (Glossy White, Sapphire, Midnight sky, Plum, Watermelon, Spring grass, Sea green, Anthracite, Lime). ≈ 45 - 48 % (Silky Matt White and Base TR, Lavender, Ashy, Rose, Ivory, Sky blue, Mint, White Coffee, Vanilla). |
| The degree of milling (SSU ISO 1524) | About 5 μm |
| Density (DSTU ISO 2811-1) | ≈ 1.04 g/cm ³ (Glossy Base TR). ≈ 1.13-1.17 g/cm ³ (Silky Matt Base TR, Sapphire, Midnight sky, Plum, Watermelon, Spring grass, Sea green, Anthracite, Lime). ≈ 1.2 - 1.24 g/cm ³ (Glossy and Silky Matt White, Lavender, Ashy, Rose, Ivory, Sky Blue, Mint, White coffee, Vanilla). |
| Hardness (DSTU ISO 1522) | About 30 sec. |
| Gloss (DSTU ISO 2813) | Glossy. Minimal 60 GU at 60° Silky-matt. 20-25 GU at 60° |
| Wet-scrub resistance, microns (DSTU ISO 11998) | <1 (after 200 cycles) |
| Warranty period | 24 months from the date of manufacturing (at the temperature from +5 °C till +35 °C) |
| Packaging | 0,75 l, 2,3 l, (20 l - if preodered) |
| Color | anthracite, Water melon, white (base A), vanilla, spring grass, white coffee, lavender, lime, sea green, mint , sky blue, midnight sky , Ashy, rose, sapphire, plum, ivory. |
| Gloss | glossy, silky matt. |

Composition

High-quality acrylic dispersion, pigments, 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.

Application instruction

1 Surface preparation

The surface shall be hard and dry. Clean thoroughly of dust, rust, dirt, coke dross, grease, and other dirt.

Clean dirty areas with a dry brush.

To receive a smooth surface without visible places of old coatings (paint or varnish), it shall be totally removed from the surface in mechanical (with a scratcher, a floor scrubber), thermal (a hot dryer, infra-red rays) or chemical way (paint removing treatments).

Previously painted surface (with oil or alkyd paint) shall be sanded for gaining the best adhesion.

Defected surfaces (holes, rends, cracks) shall be filled with Putty for wood TM Farbex.

Small defects of mineral surface shall be corrected with Finishing putty TM Farbex.

Metal surface shall be thoroughly cleaned from rust with metal brush or polishing paper.

Puttied surface shall be polished till it is smooth, remove dust after polishing.

2 Priming

Previously coated wooden surfaces require no undercoating.

Wooden surfaces, which were not undercoated before, shall be treated with Acrylic woodcare primer TM Maxima.

The uncoated mineral absorbing surfaces shall be undercoated with Deep-penetrating waterborne acrylic primer "SuperBase" TM Farbex.

Metal surfaces, which were not undercoated before, shall be undercoated with Anticorrosion primer GF-021 TM Farbex.

3 Applying of finishing layer

Stir the enamel thoroughly before use. The enamel is ready to use. If necessary, dilute it with water.

The temperature of the air and the surface under application shall be from +10 °C to +30 °C and relative air humidity no more than 80%.

Enamel shall be applied with brush, roller or paint blower with 1-2 layers. Next layer shall be applied not earlier than in 2 hours.

Do not apply the enamel under direct sunlight, strong wind, frost and atmospheric precipitation. After the coating is applied it shall not be affected by atmospheric precipitation and sub-zero temperatures for 24 hours.

The coating takes finally its properties in 3-4 weeks.

4 Tool cleaning

Clean tools with water after application.

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/d (WB): <130 g/l. Actual VOC content ≤ 30 g/l. More detailed information you can read from 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 24.3-32318370-001:2006. 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.

