

Top-quality alkyd enamel

Specification

The enamel has perfect indicators of weather resistance. It differs from a high degree and durability of gloss. It is temperature drop resistant. Possesses great adhesion and coverage rate. Resistant to washing with detergents and cleaning products.



Sphere of application

Intended for decorative and protective applying of undercoated metal surfaces, wood and wood materials concrete and other surfaces, indoors and outdoors.

Intended for furniture, doors, windows, window sills, fences, tubes and other metal and wooden surfaces, also walls, which require washing.

Technical data

Consumption standard of 1 layer	40-60 g/m ² , depending on the way of application and type of surface.
Solvent	Odorless solvent TM Maxima, 10% maximum of the total enamel weight.
Application	Apply with a brush, a roller or a spraying gun.
Drying period (23 °C, 50% RH)	24 hours. Drying period increases if the temperature is getting down and relative air humidity is getting higher.
Solids content (DSTU ISO 3251)	60-70 %, depending on color and degree of enamel's gloss.
Density (DSTU ISO 2811-1)	ab. 1,0 g/cm ³ (for white glossy and black mat about 1,15 g/cm ³ , for white mat – about 1,4 g/cm ³)
Gloss (DSTU ISO 2813)	85-90 GU – for glossy enamels, about 10 GU – for mat enamels (at 60°)
Hardness (DSTU ISO 1522)	≈ 40 sec, König's pendulum.
Non-volatile matter by volume (DSTU ISO 3233)	-
VOC content (ISO 11890)	-
Warranty period	36 months from the date of manufacturing.
Packaging	0,7 kg; 2,3 kg; 20 kg (if pre ordered); 40 kg (if pre ordered)
Color	beige, white, turquoise, cherry, yellow, green, red brown, red, nut, light nut, grey, dark blue, dark grey, black, chocolate, bright blue, bright green.
Gloss	glossy, matt.

Composition

Alkyd resin, pigments, extenders, solvent, additives.



Application instruction

1 Surface preparation

Metal surfaces:

new ones - clean of dust, dirt and degrease.

previously coated, old surfaces shall be removed from old loose and weak layers of paint coatings till hard base surface in mechanical (a scraper, a wire brush), thermal (hot air fan, infrared radiation), or chemical (paint removal solutions) way. Clean thoroughly of corrosion with a wire brush or sandpaper. For better adhesion with hard layers of alkyd enamels or oily paint, treat the surface with sandpaper and degreased.

Wooden surfaces:

Clean new surfaces of dirt and dust.

Previously coated, old surfaces shall be removed from old loose and weak coats of paint products till hard base surface in mechanical (a scraper, a wire brush), thermal (hot air fan, infrared radiation), or chemical (paint removal solutions) way. Do not clean the surface with the methods, which can damage the wood (for example with a sandblast apparatus). Defected surfaces (holes, rends, cracks) shall be filled with Putty for wood TM Farbex. Polish up the surface till smooth surface and remove the dust.

2 Priming

Metal surfaces shall be primed with Primer GF-021 TM "Farbex".

Wooden surfaces shall be undercoated with Wood-protective product "Base" TM "Maxima". Make sure that the surface is clean and dry before coating with a primer.

Previously untreated concrete surfaces shall be undercoated with the solution of the enamel and a solvent at the ratio of 1:1.

3 Applying of finishing layer

Stir thoroughly the enamel till homogeneous condition. Dilute the enamel with a solvent till working viscosity if necessary.

ADVICE: For more quality paint coat it is recommended to apply the enamel in 1-2 thin coats instead of 1 thick coat! Every subsequent coat shall be applied not before 24 hours.

Perform application works at the temperature of air and the surface from +10 °C till +35 °C and relative air humidity less than 80%. Do not apply the enamel under direct sunlight, strong wind or precipitations. The coat shall not be affected by precipitations during 24 hours after the application.

The surface hardens completely and the coating acquires its properties in 14 days.

4 Tool cleaning

Clean tools with a solvent and then with warm water with detergents if necessary.

SAFETY

Keep away from fire! Store in tightly closed original containers at the temperature from -20 °C till + 40 °C. Keep out from moisture and direct sunlight distantly from food in the places out of reach of children. During application use personal safety gear (work clothes, rubber gloves, a respirator and safety glasses). Well-arranged ventilation shall be provided during application and 48 hours after works if it is indoors. 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/i (SB): < 500 g/l. Actual VOC content < 420 g/l. It doesn't contain lead and lead compounds. 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 24.3-14005076-068: 2005. 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.

