

Alkyd radiator enamel

Specification

- it is snow-white doesn't yellow through the time
- it resists high temperatures (up to +80°C)
- it resists washing with detergents and disinfectants
- it has a permanent gloss
- it had a perfect adhesion



Sphere of application

It is intended for coating of heating radiators, any wooden and undercoated metal surfaces under constant thermal effect indoors and outdoors.

Technical data

Consumption standard of 1 layer	40-60 g/m ² , depending on the way of application and type of surface.
Thinner	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)	18 hours. Drying period increases if the temperature is getting down and relative air humidity is getting higher.
Solids content (DSTU ISO 3251)	68±2 %
Density (DSTU ISO 2811-1)	≈ 1,2 g/cm ³
Gloss (DSTU ISO 2813)	85-90 GU (at 60°)
Non-volatile matter by volume (DSTU ISO 3233)	51±2 %
VOC content (ISO 11890)	≈ 385 g/l
Warranty period	36 months from the date of manufacturing.
Packaging	0,7 kg
Color	white.
Gloss	glossy.

Composition

Alkyd resin, pigments, extenders, solvent, additives.

Application instruction

1 Surface preparation

Metal surfaces:

new ones - clean of dust, dirt and the degrease.

previously coated, old surfaces shall be clean of peeled and loose paint products till hard surface in a mechanical (a scraper, a wire brush), thermal (a hot air dryer, infrared radiation) or chemical (paint removing products) ways. Clean the surface thoroughly of corrosion with a wire brush or sandpaper. Treat the surface coated with oil or alkyd-based paint with sandpaper for better adhesion.

Wooden surfaces:

new ones - clean of dust and dirt.

previously coated, old surfaces shall be clean of peeled and loose paint products till hard surface in a mechanical (a scraper, a wire brush), thermal (a hot air dryer, infrared radiation) or chemical (paint removing products) ways. Avoid ways of cleaning which can damage the timber (e.g. a sandblast apparatus). Hallow, cracks or uneven areas, existing on the surface shall be corrected with a putty for wooden and mineral surfaces TM Farbex. Polish the surface after that till smooth condition. Remove abrasive dust.



2 Priming

Previously coated surfaces need no undercoating.

Iron surfaces, which were not previously coated shall be undercoated with Anticorrosion primer GP-021 TM "Farbex".

Wooden surfaces, which were not previously coated shall be undercoated with Wood protective primer "Base" TM "Maxima".

3 Applying

Do not apply the enamel on heated pipes and radiators!

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

ADVICE: Apply the enamel in 1-2 thin coats instead of 1 thick coat for more quality paint coating! Apply a subsequent coat in 18 hours after the previous application.

The application shall be performed at the temperature of air and the surface from +10 °C till +30 °C and relative air humidity less than 80%. Do not apply the products under direct sunlight, strong wind and precipitations. The coating shall not be affected by precipitations for 24 hours after application.

Complete hardening of the surface and achieving its properties is 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 ≤ 400 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.

