Styrene-acrylic radiator enamel



Specification

- Snow-white color. It does not become yellow with time.
- It is resistant to repeated washing and mechanical load.
- It is intended for the surfaces, previously coated with alkyd enamels.
- It dries quickly.
- It has high adhesive properties on different kinds of surfaces.

Sphere of application

The product is intended for decorative and protective coating of undercoated or previously coated radiators and elements of heating systems and also for undercoated wooden, metal and mineral surfaces.

Technical data

Consumption standard of 1 layer	85-115 g/m^2, it depends on the type of surface and the way of application.
Thinner	Water. It is allowed to dilute up to 10 % of the total weight of the product
Application	Apply with a brush, a roller or a spraying gun.
Drying period (23 °C, 50% RH)	2 hours. Drying period increases if the temperature is getting down and relative air humidity is increasing.
Solids content (DSTU ISO 3251)	49±2 %
The degree of milling (SSU ISO 1524)	maximum 10 micron
Density (DSTU ISO 2811-1)	≈ 1,15 g/cm^3
Hardness (DSTU ISO 1522)	> 10 sec
Gloss (DSTU ISO 2813)	minimum 60 GU at 60°
Wet-scrub resistance, microns (DSTU ISO 11998)	< 1 (after 200 erase cycles)
Warranty period	24 months
Packaging	0,3 kg; 0,85kg (≈ 0,75l); 3 kg
Color	white.
Gloss	glossy.

Composition

Styrene-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

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1 Surface preparation

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

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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 a metal brush or polishing paper.

The 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

Stir the enamel thoroughly before use. The enamel is ready to use. Excessive diluting causes the quality of the coating.

The temperature of the air and the surface under application shall be from +15 °C till +35 °C and relative air humidity no more than 80%.

Enamel shall be applied with brush, roller or paint blower with 1-2 layers. The next layer shall be applied not earlier than in 4 hours.

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

It is not recommended to perform an application on working heating systems!

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 ≤ 20 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 testing and practical experience. Quality of materials completely meets the demands of TS U 24.3-32318370-001: 2006. As a manufacturer, the company isn't responsible for the damage caused by the wrong application of the product. Applicability of the product for specific purposes shall be defined entirely by a consumer. Current information loses validity with the issuing of a new edition.

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