

## Rust stop smooth enamel for metal 3in1

### Specification

- It is a metal enamel 3 in 1, which functionally joints: adhesion primer, anticorrosion protection and finishing enamel;
- It creates an anticorrosion film on the surface, which protects the metal surface against moisture and wind, rust creation;
- It creates coating, which is resistant to water, weather effects, industrial oils, domestic detergents;
- The enamel has high adhesion to the base surface.



### Sphere of application

Metal enamel is intended for protection against corrosion and for decorative finishing of metal surfaces and also for wooden surfaces indoors and outdoors.

### Technical data

Consumption standard of 1 layer	40-60 ml/m <sup>2</sup> , 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)	8 hours. Drying period increases if the temperature is getting down and relative air humidity is getting higher.
Solids content (DSTU ISO 3251)	68±2 % (White) 61±2 % (other colors)
Density (DSTU ISO 2811-1)	≈ 1,12 g/cm <sup>3</sup> (White) 0,98±0,02 g/cm <sup>3</sup> (other colors)
Gloss (DSTU ISO 2813)	80-90 GU (at 60°)
Hardness (DSTU ISO 1522)	≈ 35 sec, König pendulum.
Non-volatile matter by volume (DSTU ISO 3233)	54±2% (White) 50±2% (other colors)
VOC content (ISO 11890)	360±5 g/l (White) 385±10 g/l (other colors)
Warranty period	36 months from the date of manufacturing.
Packaging	0,75 L, 2,5 L (10 and 20 L - if preordered)
Color	white, cherry, green, grey, dark blue, dark brown, dark grey, black.
Gloss	glossy.

### Composition

Modified alkyd resin, anticorrosion pigments, solvent, corrosion inhibitor, additives.



# Application instruction

## 1 Surface preparation

### **Metal surfaces:**

new surfaces shall be clean of dust, dirt and degreased.

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

### **Wooden surfaces:**

new surfaces shall be clean of dust, dirt.

previously coated and old surfaces shall be cleaned from loose and peeled coats of paint products till hard base surface in a mechanical (a scraper, a wire brush), thermal (a hot air dryer, infrared radiation) or chemical (paint removing products) ways. Avoid methods of cleaning, which can damage timber (e.g. sandblast apparatus). Hollows, cracks and uneven areas shall be corrected with Putty for wood and mineral surfaces TM Farbex. Sandpaper the surface till smooth condition. Remove abrasive dust after that.

## 2 Priming

Metal surfaces need not advanced undercoating.

Undercoat wooden surfaces with alkyd wood protective primer TM Maxima. Make sure that the wooden surface is clean and completely dry before applying the primer.

## 3 Application

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

ADVICE: Apply 2 coats of the product to achieve the best possible properties of the coating instead of 1 thin coat. Apply each subsequent coat in 1 hour.

Perform application at the temperature of air and the surface from +10 °C till +25 °C and relative air humidity less than 80%. Do not apply the product 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 of 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 distant 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-epidemic 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 24.3-32318370-006:2007. 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.

