

Rust stop hammer enamel for metal 3in1

Specification

Hammer enamel 3in1 TM Maxima, which functionally unites adhesion primer, anticorrosion protection and finishing enamel in it. It creates on the surface anti-corrosion film with **pearly hammer effect**, which protects the surface of the metal against moisture, air and corrosion effects. It requires no preliminary treatment with special products to remove the corrosion and undercoating. It creates the coat, which masks small defects of the surface. It is resistant to water and weather effects, UV-radiation, industrial oils, domestic detergents. It dries quickly, that is why it is possible to apply several coats of enamel during a day. The enamel has high adhesion to the base surface.



Sphere of application

It is intended for protection against corrosion and decorative coating of metal surfaces (clean, coated, or covered with corrosion) of steel, iron, stainless steel, colored metals (fences, gates, building constructions, farming machinery, metal boxes, lathes, metal window frames and doors, elements of decoration, etc.), and also for wooden surfaces indoors and outdoors.

Technical data

Consumption standard of 1 layer	80-125 g/m ² , depending on the way of application and type of surface.
Thinner	Universal thinner TM Maxima, up to 10 % of the total mass of the enamel if applying with a brush or a roller and up to 30% if applying with a spraying gun. ATTENTION! Do not use white spirite, solvent or others similar products.
Application	Apply with a roller with short hair or a spraying gun.
Drying period (23 °C, 50% RH)	4 hours. Drying period increases if the temperature is getting down and relative air humidity is getting higher.
Solids content (DSTU ISO 3251)	53,5±2 %
Density (DSTU ISO 2811-1)	0,98-1 g/cm ³
Gloss (DSTU ISO 2813)	≈ 80 GU (at 60°)
Non-volatile matter by volume (DSTU ISO 3233)	47,5±2 %
VOC content (ISO 11890)	460±10 g/l
Warranty period	36 months from the date of manufacturing.
Packaging	0,75 l, 2,5 l (10 и 20 l - if preordered)
Color	antique gold, anthracite, bordo, bronze, green, gold, carmen, silver, dark brown, black.
Gloss	glossy.

Composition

Modified alkyd resin, pearl pigments, thinner, corrosion inhibitor, additives.



Application instruction

1 Surface preparation

Metal surfaces:

new surfaces shall be clean of dust, dirt and degreased Universal thinner TM Maxima.

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 Wood-protective product "Base" TM Maxima. Make sure that the wooden surface is clean and completely dry before applying the primer.

3 Application

Before application stir the enamel carefully till homogeneous condition. Dilute the enamel with a thinner till working viscosity.

Apply the enamel with a brush, a roller with short hair - 2-3 thin coats, with a spraying gun (distance from the surface shall be 15 - 20 sm, pressure - 2 atm.) - 3-4 coats with interoperation period between applications of 15 minutes.

The high-decorative coat can be achieved if the application is performed with a spraying gun!

The surface, which is going to be coated, is better to dispose horizontally to receive the best possible equal texture and color of the coat.

Apply the product at the temperature of air and surface from + 10 °C till + 25 °C, maximal air humidity 80%. Do not apply the enamel under direct sunlight, strong wind and precipitations. The surface shall not be affected by precipitations during 24 hours after application.

The coat is completely hard and achieves its properties in 14 days.

4 Tool cleaning

Clean tools with a thinner 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 ≤ 499 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 24.3-32318370-006:2007. 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.

