

Rust stop graphite enamel for metal 3in1

Specification

The RustStop Graphite Enamel 3in1 TM Maxima, which functionally unites adhesion primer, anticorrosion protection and finishing enamel in it. It doesn't require prior usage of special products for removing pf corrosion and undercoating. It creates an anti-corrosion coating and resists water and weather effects, UV-rays, industrial oils, and detergents. It also creates a decorative structural coat **with a "metallic" effect** that masks small defects of the surface and corrects uneven areas on the surface (joints, locally repaired areas, scale, etc.). It dries quickly and several layers of the enamel can be applied during a day.



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	100-150 g/m ² , depending on the way of application and type of surface.
Thinner	Universal thinner TM Maxima, 30% maximum of the total enamel weight. WARNING! Do not use white spirit, solvent and others similar products.
Application	Apply with a short haired roller, a brush or a spraying gun.
Drying period (23 °C, 50% RH)	1 hour. Drying period increases if the temperature is getting down and relative air humidity is getting higher.
Solids content (DSTU ISO 3251)	56,5±2 % (Silver) 59,5±2 % (other colors)
Density (DSTU ISO 2811-1)	≈ 1,13 g/cm ³ (Silver) 1,16±0,02 g/cm ³ (other colors)
Particle size	max. 150 micron
Non-volatile matter by volume (DSTU ISO 3233)	44±2 % (Silver) 47±2 % (other colors)
VOC content (ISO 11890)	490±5 r/n (Silver) 460±10 r/n (other colors)
Warranty period	24 months from the date of manufacturing.
Packaging	0,75 kg, 2,3 kg
Color	antique copper, bronze, green, brown, silver, grey, dark blue, black, chocolate.

Composition

Modified alkyd resin, pearl pigments, anticorrosion extenders, thinner, 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 Wood-protective product "Base" 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. Dilute the enamel with a thinner till working viscosity if necessary.

Apply the enamel in 1-2 coats (if apply with a spraying gun keep the distance from the area 15-20 cm and pressure of 5 atm.). Apply 2 coats of the product to achieve the best possible properties of the coating. Apply each subsequent coat in 1 hour.

Highly decorative coatings can be achieved if applied with a spraying gun!

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 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.

