

BMA ANTIRUST FINISH GLOSSY

Code: BMA-ANF060-196

Color: Catalogue colors

PROPERTIES

An alkyd based antirust with a glossy finish which guarantees rust inhibition and a maximum protection to the surface against corrosion effect. It is formulated for indoor and outdoor application and can be applied over a wide range of metallic substrates in commercial, residential and industrial locations.

RECOMMENDED USES

BMA Antirust could be used on metallic substrates for:

- ✓ Offshore environments
- ✓ Chemical, petroleum and power plants
- ✓ Refineries, mining equipment and pipelines
- ✓ Bridges
- ✓ Buildings
- ✓ Iron doors
- ✓ General structural steel

PERFORMANCE BENEFITS

- ✓ An extreme rustproofing capacity
- ✓ Protection against weathering conditions
- ✓ Good adhesion to the surface
- ✓ Withstanding impact resistance and good flexibility
- ✓ Short drying time
- ✓ Easy sandability

CHARACTERISTIC PHYSICO-CHEMICAL DATA

*Data corresponding to BMA Antirust Finish Glossy, **white color***

Tests	Norms	Results
Total solids, by weight	ASTM D2369	67.68%
Total solids, by volume	ISO 3233	56.44 %
Specific Gravity (g/cm ³)	ASTM D1475	1.19
Viscosity, at 25°C	ASTM D562	17 Poises
Total Volatile Organic Compound (VOC)	ASTM D3960	375.91 g/L
Spreading Rate at 35µm	-	11 m ² /L

¹⁾ DFT: Dry Film Thickness

²⁾ WFT: Wet Film Thickness

APPLICATIONS GUIDE

Surface Preparation

Before applying BMA Antirust, all necessary pretreatment must be done. Surface should be clean, dry and free of all contaminants (oils, agents, dust, dirt, etc...) in order to avoid the risk of surface failing.

For new steel, clean the surface from any oil or grease residues using a solution (1:10) of Eksen Kimya (1 L of EKSEN KIMYA DL50 dissolved in 10 L of water). Sand the substrate to Sa 2½ until smoothing then remove all sanding dust and let it dry before any primer application.

For painted steel, remove loose and peeling paint using mechanical methods such as sanding and sandblasting of the entire surface until smoothing so the new coating can adhere properly. When the old paint is compatible with the new one, only light sanding is required. Then, remove persistent dirt and sanding residues with a detergent solution.

For non-ferrous metal (galvanized steel, aluminum, stainless steel, iron, etc...), use BMA Wash Primer BMA-WPU in order to etch the substrate, remove any corrosion residues and promote adhesion to the subsequently applied coatings. In case of unweathered surface or when weathering is not possible, apply a sweep or brush blast cleaning using a non-metallic abrasive in order to lightly roughen the surface. Let the surface dry before coating application.

Thinning

If thinning is required, use 10 to 15% (for brush or roller application) and 10 to 20% (for air spraying application) of BMA White Spirit for a maximum protection of the paint gloss level. BMA Thinner Synthetic could also be used.

Application

BMA Antirust should be applied in a ventilated area where the humidity does not exceed 85%, nor in sunny days on hot substrates. The required temperature for optimum performance is between 5°C and 35°C.

BMA Antirust must be applied on a clean and dry surface using a brush, roller or airless spraying system.

Drying Time

Surface (Touch) Dry: 2 hours

Dry to over coat: Overnight

Dry to handle: 24 hours

AVAILABLE PACKAGING

Kilo; US Gallon = 3.786 L; Pail = 20 L

SHELF LIFE

BMA Antirust should be stored in closed and undamaged containers in a well-ventilated area where the humidity does not exceed 85% and at a maximum temperature of 30°C.

Under these conditions, the shelf life of BMA Antirust will be 2 years. After this period, the product quality is subjected to re-inspection.

HEALTH & SAFETY

Before using this product please consult our Safety Data Sheet (SDS) for complete information on Hazards Identification, First-Aid and Fire-Fighting Measures, Accidental Release Measures, Handling and Storage, Exposure Control and Personal Protection, Stability and Reactivity, Toxicological Information, and Transport Information.

QUALITY ASSURANCE

BMA Commercial & Industrial s.a.l is a holder of the ISO 9001:2015 and ISO 45001:2018 certificates, which guarantees that all operations are conducted in compliance with International Standards.

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