

BMA HAMMER PAINT

Code: BMA-HAS

Color: Upon BMA Hammer catalogue

PROPERTIES

BMA Hammer Paint is a fast-drying paint that has a metallic finish with a hammer effect, formulated with special resin and additives, which give a smooth hammer tone finish on application. It has good scratch, corrosion and weather resistances. BMA-HAS can withstand high temperatures and it has excellent adhesion on interior/exterior metal surfaces.

RECOMMENDED USES

BMA Hammer Paint can be used for:

- ✓ Electrical appliances, machinery parts, equipment
- ✓ Heaters, instruments
- ✓ Tools and metal furniture

PERFORMANCE BENEFITS

- ✓ Excellent anti-corrosive steel hammered paint
- ✓ Ideal to be used on indoor and outdoor surfaces
- ✓ Great adhesion
- ✓ Fast drying
- ✓ Easy application and handling
- ✓ Elegant and smooth decorative finish with a metallic shine
- ✓ Variable obtained pattern depending on the application procedure and the dilution rate.
- ✓ Durable coating

CHARACTERISTIC PHYSICO-CHEMICAL DATA

*Data corresponding to **BMA Hammer Paint**, BMA-HAS*

Tests	Norms	Results
Total solids, by weight	ASTM D2369	55%
Total solids, by volume	ISO 3233	54%
Consistency, @ 25°C	ASTM D562	70 KU
Specific gravity (g/cm ³)	ASTM D1475	0.99
Total volatile organic compound (VOC)	ASTM 3960	445 g/L
Spreading rate at 35 µm DFT ⁽¹⁾	-	16 m ² /L
Recommended WFT ⁽²⁾ at 10 % dilution	-	70 µm

¹⁾DFT: Dry Film Thickness

²⁾WFT: Wet Film Thickness

APPLICATIONS GUIDE

Surface Preparation

Before applying BMA Hammer Paint, 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.

Metal surface

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.

Priming

Steel surfaces should be primed with BMA Antirust (BMA – ANY) or BMA Fast drying industrial primer (BMA-FDI).

Galvanized steel should be treated with BMA Wash Primer (BMA-WPP) then primed with BMA Antirust (BMA-ANY) or BMA Fast Drying Industrial primer (BMA-FDI).

Thinning

Thinning is done by using 0-2 % (for airless spraying application) or 10 % - 15% (for air spraying application) of BMA Xylene (BMA-XYL) to reach the desired viscosity.

Note that BMA Hammer Paint can also be applied with a brush or roller to areas or substrates that could not be reached by spraying.

Application

BMA Hammer Paint should be applied in a well-ventilated area where the relative humidity does not exceed 85% and the temperature is at least 10°C.

The surface should be clean, dry and free of all contaminants before applying the BMA Hammer Paint.

Spray one coat of BMA F.D.I. or BMA antirust diluted with thinner BMA on the clean and dry substrate; let dry.

Spray a 2nd coat of BMA F.D.I. or BMA antirust diluted with thinner BMA on the clean and dry substrate; let dry.

Overcoat the totally dry primer with BMA Hammer Primer and let cure for 1 – 2 hour(s) before applying a second layer of Hammer if needed.

Drying Time

Surface (touch) dry: 45 minutes

Dry to over coat: 12 hours

Thorough dry: 24 hours

AVAILABLE PACKAGING

Kilo; US gallon; US pail

SHELF LIFE

BMA Hammer Paint should be stored in tightly closed and undamaged containers where the temperature varies between 10 °C and 35°C.

Exposure to direct sunlight and freezing should be avoided.

Under the above-mentioned conditions, the shelf-life BMA Hammer Paint will be 1 year. After this period, the paint quality is subjected to re-inspection. Proper handling is required to maintain good quality.

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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IMPORTANT: The statements, technical information and recommendations contained herein are believed to be accurate. Since the conditions and methods of use of the product and of the information referred to herein are beyond our control, BMA Commercial & Industrial s.a.l expressly disclaims any and all liability as to any results obtained or arising from any use of the product or reliance on such information.