

BMA GRAIN PAINT

Code: 1BM-GRA

Color: catalogue colors

PROPERTIES

BMA Grain Paint is a fast-drying paint that has a grain finish, formulated with special resin and additives, which give a smooth grain tone finish on application. It has good scratch, corrosion and weather resistances. BMA-DGR can be applied on interior/exterior metal surfaces.

RECOMMENDED USES

BMA Grain Paint could be used for:

- ✓ Metal surfaces

PERFORMANCE BENEFITS

- ✓ Good weathering resistance
- ✓ High opacity
- ✓ Non yellowing, pigmented
- ✓ Withstands excessive cleaning, without losing its shine
- ✓ Protects the paint film from sunlight, chemical reactions & mechanical abrasion
- ✓ Leaves the surface smooth, with a matt or glossy finish
- ✓ Suitable to be applied over any old or new metal substrate

CHARACTERISTIC PHYSICO-CHEMICAL DATA

*Data corresponding to **BMA Grain Paint**, BMA-DGR*

Tests	Norms	Matt
Total solids, by weight	ASTM D2369	64%
Total solids, by volume	ISO 3233	49%
Consistency, @ 25°C	ASTM D562	15 Poises

Specific gravity (g/cm ³)	ASTM D1475	1.3
Total volatile organic compound (VOC)	ASTM 3960	475 g/L
Spreading rate at 35 µm DFT ⁽¹⁾	-	14 m ² /L
Recommended WFT ⁽²⁾ at 10 % dilution	-	80 µm

¹⁾DFT: Dry Film Thickness

²⁾WFT: Wet Film Thickness

APPLICATIONS GUIDE

Surface Preparation

Before applying BMA Grain 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

Metal surfaces should be primed before applying BMA Grain paint, by using BMA Antirust (BMA-ANY) primer that protects against corrosion, rust and protect the surface before applying the Grain Paint.

Thinning

For thinning BMA Grain Paint, White spirit can be used (turpentine), but benzene or BMA thinner synthetic could also be used by almost the same ratio. 10-15% (for a brush/ roller application) or 20-25% (for air spray application) of BMA White Spirit can be used to obtain the desired viscosity.

Application

BMA Grain 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 Grain Paint.

BMA Grain Paint is applied on the clean surface using a brush, roller or air spray system.

Drying Time

Surface (touch) dry: 30 minutes

Dry to overcoat: 24 hours

Full cure: 48 hours

AVAILABLE PACKAGING

Kilo; US gallon; US pail

SHELF LIFE

BMA Grain 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 Grain 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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