

## BMA ROAD MARKING

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*Code: 1-BM-ROM*

*Color: Colors upon request*

### PROPERTIES

BMA Road Marking is a solvent based paint formulated with solvent based acrylic resin. It provides a tough, durable, bright and a high-performance road marker. It is an ecological and environmentally friendly product that improve the night visibility. It has a good resistance to water, oil, fuel, collision, and damage as well as a UV resistant colors.

### RECOMMENDED USES

BMA Road Marking could be used for:

- ✓ Car parks
- ✓ Highways
- ✓ Walkways
- ✓ Airport runways
- ✓ Safety area markings
- ✓ Warehouses
- ✓ Playgrounds

### PERFORMANCE BENEFITS

- ✓ Reflective road marking
- ✓ A silky flat finishing
- ✓ Abrasion and impact resistance
- ✓ Withstanding mechanical stresses and heavy weights
- ✓ Environmentally friendly
- ✓ Excellent colour retention
- ✓ Anti-slipping property
- ✓ Excellent chemical resistance

### CHARACTERISTIC PHYSICO-CHEMICAL DATA

*Data corresponding to **BMA Road Marking***

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Tests	Norms	Results
Total solids, by weight	ASTM D2369	75%
Viscosity, @ 25°C	ASTM D562	30 Poises
Specific gravity (g/cm <sup>3</sup> )	ASTM D1475	1.535
Total Volatile Organic Compound (VOC)	ASTM D3960	12 g/L
Spreading rate at 30 µm DFT <sup>(1)</sup>	-	13 m <sup>2</sup> /L

<sup>1)</sup>DFT: Dry Film Thickness

## APPLICATIONS GUIDE

### Surface Preparation

Before applying BMA Road Marking, 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.

Concrete substrate must be well prepared in order to avoid any coating defects.

For new surface, ensure that concrete is completely cured at least 30 days.

For both fresh and old concrete, decontamination is required to remove any dust, oil, grease, laitance, fatty acids or any additional contaminants. Acid etching is recommended using Eksen Kimya Hydrochloric Acid Solution. Decontamination could be also done using detergent scrubbing, low pressure water cleaning, or steam.

After cleaning, fill and repair any surface irregularities (cracks, holes and pores) with the cementitious mixture.

### Thinning

Thinning with a maximum of 20% in brush or roller application of thinner could be added in order to obtain the required viscosity of the mixture.

### Application

BMA Road Marking should be applied in a well-ventilated area where the humidity does not exceed 85% and the temperature varies between 5°C and 35°C. The application must be done on a clean and dry surface using a brush, roller or spraying system.

BMA Road Marking could act as a self-priming coating and the layers should be applied consequently after sufficient drying of each layer. In order to enhance the reflective effect, glass beads could be spread in the last wet layer of BMA Marker.

Apply one coat of road marking, then after one hour, apply a second layer, and allow 1-2 hours for drying.

### Drying Time

Surface (Touch) dry: 1 hour

### AVAILABLE PACKAGING

US Gallon = 4 L

### SHELF LIFE

BMA Road Marking should be stored in unopened and undamaged containers in a well-ventilated area where the humidity does not exceed 85% and the temperature varies between 5°C and 35°C. The storage must be far away from direct exposure to sunlight or any heating and freezing source.

Under the above-mentioned storage conditions the shelf life of BMA Road Marking will be 1 year. After this period, the paint quality is subjected to re-inspection. Proper handling is essential 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.*