

# BMA INSECT REPELLENT SEMI RUBBER EMULSION

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Code : BMA-IPD

Color: Catalogue colors

## PROPERTIES

BMA Insect Repellent Semi Rubber Emulsion is a vinyl acetate copolymer emulsion-based paint with good durability formulated as an insecticide to preserve the surface against insect attacks, used on interior and exterior walls and ceilings. This low odour paint is washable and wipeable, providing a tough finish that is resistant to condensation, yellowing and most household stains without losing its efficacy. Its good durability makes it ideal for use in kitchens, bathrooms, hotels, hospitals and public buildings.

## RECOMMENDED USES

BMA Insect Repellent Semi Rubber Emulsion could be used for walls and ceilings on:

- ✓ Concrete
- ✓ Gypsum boards
- ✓ Plaster
- ✓ Primed wooden surfaces

## PERFORMANCE BENEFITS

- ✓ Insect Repellent to preserve the surface against insect attacks
- ✓ Effectiveness does not wash away by cleaning or washing
- ✓ Environmentally friendly
- ✓ Wipeable finish
- ✓ Flat finish
- ✓ Good coverage
- ✓ Light odour

## CHARACTERISTIC PHYSICO-CHEMICAL DATA

Data related to **BMA Insect Repellent Semi Rubber Emulsion BMA-IPD, white color.**

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Tests	Norms	Results
Total solids, by weight	ASTM D2369	58%
Consistency, at 25°C	ASTM D562	120 KU
Specific Gravity (g/cm <sup>3</sup> )	ASTM D1475	1.6
Dry opacity; contrast ratio at 150µm (White)	-	> 0.95
Scrubbability on 200µm WFT <sup>(1)</sup>	ASTM D2486	> 1200 cycles
Recommended WFT <sup>(1)</sup> at 20% Dilution	-	112 µm
Spreading Rate at 35µm DFT <sup>(2)</sup>	-	10.7 m <sup>2</sup> /L

<sup>1)</sup> WFT: Wet Film Thickness

<sup>2)</sup> DFT: Dry Film Thickness

## APPLICATIONS GUIDE

### Surface Preparation

Before applying BMA Insect Repellent Semi Rubber Emulsion, 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. If needed, an ammonia solution could be used for a well cleaning.

### Priming

For light colors of BMA Insect Repellent Semi Rubber Emulsion:

- Apply one coat of BMA Sealer White BMA-SEW151. Thinning could be done with 25 to 50% (for brush or roller application) and 35 to 75% of water (for air spraying application).

For dark colors of BMA Insect Repellent Semi Rubber Emulsion:

- Apply one coat of BMA Sealer Clear BMA-SEW150. Thinning could be done with 30 to 60% (for brush or roller application) and 35 to 85% of water (for air spraying application).

## Thinning

Use 15 to 20% of water when applying using a brush or roller, and 20 to 25% of water for air spraying application.

## Application

BMA Insect Repellent Semi Rubber Emulsion should be applied on a clean and dry surface in a well-ventilated area where the humidity does not exceed 85% and the paint temperature less than 15°C. Otherwise, more thinning will be required and extra water could affect the opacity and the sag resistance.

To obtain the best result, follow the below steps and apply the recommended systems:

### **For new surface application:**

- If the wall is in good conditions: apply one layer of BMA Extra Fill Putty BMA-PUW010 followed by two layers of BMA Ultra Fine Putty BMA-PUW020.
- If the wall is in bad conditions: apply two layer of BMA Extra Fill Putty BMA-PUW010 followed by one layer of BMA Ultra Fine Putty BMA-PUW020.
- A drying period of 12 hours is required between putty layers application.
- Rub the surface using a 150 – 180 grit rubbing paper.
- Clean the substrate with a soft broom or an air pressure system.
- Apply the designated BMA Sealer or a water based undercoat (BMA-UNW) or a synthetic undercoat (BMA-UNS) and let the surface dry for 12 hours as well.
- Apply one coat of BMA Insect Repellent Semi Rubber Emulsion used as a checking layer in order to cover any remaining holes or uncovered areas by BMA Putty.
- Rub the checking layer after 24 hours with a 180 – 220 grit rubbing paper.
- Clean the substrate with a soft broom or an air pressure system.
- Finalize with two coats of BMA Insect Repellent Semi Rubber Emulsion after thinning and using a brush, roller or air spraying system. Between the two layers application, rub the surface with a 220 grit rubber paper.

### **For pre-painted surface application:**

- Rub the surface with a fine waterproof abrasive paper followed by a well rinsing.
- Apply minimum two layers of water based BMA Putty: at least one layer of BMA Extra Fill Putty BMA-PUW010 followed by at least one layer of BMA Ultra Fine Putty BMA-PUW020.
- Rub the surface after 12 hours using a 150 – 180 grit rubbing paper.
- Continue with the same steps recommended for a new surface application.
- If the pre-painted surface is in good condition, a direct application of BMA Insect Repellent Semi Rubber Emulsion over a water-based paint could be done.

## Drying Time

Surface (Touch) Dry: 30 minutes

Dry to over coat: 4 hours

Through dry: 12 hours

## AVAILABLE PACKAGING

Gallon = 4L; Pail = 17L

## SHELF LIFE

BMA Insect Repellent Semi Rubber Emulsion should be stored in undamaged and unopened containers in a well-ventilated area where the temperature varies between 10 and 35°C and far away from any heat or freezing source or a direct exposure to sunlight. Under these conditions, the shelf life of BMA Insect Repellent Semi Rubber Emulsion will be 18 months. After this period the product 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

TDS.158 - Edition #: 2

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