

## BMA CLEAR BOND

Code: BMA-CBW

Color: Clear

### PROPERTIES

BMA Clear Bond is a long-lasting water-based protection with a high bonding strength. It is applied as a barrier against corrosion, water leaks and fungi growth on cementitious surfaces. When it dries, BMA-CBW leaves an elastic and resistant film able to add resiliency and toughness to the covered surface.

### RECOMMENDED USES

BMA Clear Bond could be used for:

- ✓ Households and garden gadgets
- ✓ Building machinery
- ✓ Concrete courts
- ✓ wallboards
- ✓ Plaster cement

### PERFORMANCE BENEFITS

- ✓ Excellent bond strength
- ✓ Resistance to water and humidity
- ✓ Good sealing property
- ✓ Resistance to dirt, dust and algae growth
- ✓ Long durability
- ✓ Protection from scrapes and scuffs

### CHARACTERISTIC PHYSICO-CHEMICAL DATA

Tests	Norms	Results
Total solids, by weight	ASTM D2369	35%
Specific Gravity (g/cm <sup>3</sup> )	ASTM D1475	1.026
Viscosity, @25°C	ASTM D562	18 Poises

Total Volatile Organic Compound (V.O.C)	ASTM D3960	7.5 g/L
Spreading rate at 30 µm DFT <sup>(1)</sup>	-	11.5 m <sup>2</sup> /L
Recommended WFT <sup>(2)</sup> @20% dilution	-	88 µm

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

<sup>2)</sup>WFT: Wet Film Thickness

## APPLICATIONS GUIDE

### Surface Preparation

Before applying BMA Clear Bond, 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. Use a solution of water and ammonia to clean the new surface. And for the old surface, use a rubbing paper to remove any remaining paint residues.

Allow concrete substrate to dry then check the moisture and the pH of the substrate. Ensure that the pH is between 6 and 9 since alkalinity can affect and destroy paint adhesion. For the moisture content, make sure that it does not exceed 4% (by weight). Otherwise, the concrete surface is not a good candidate for painting.

### Priming

For new surfaces use BMA Sealer and for old surfaces use BMA Putty if it is necessary.

### Thinning

If thinning is required, use 10 to 15% (for brush or roller application) and 20 to 25% (for air spraying application) of tap water.

### Application

BMA Clear bond 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. Use a brush, roller or air spraying system to apply BMA Clear Bond.

Two systems are recommended for the application:

✓ **For new surfaces:**

- After well cleaning, apply BMA Sealer to prime the surface.
- Let the sealer dry then fill the holes with 3 to 4 coats with BMA Putty.
- Rub the surface and clean to remove any dust residues.
- Apply a second layer of BMA Water Based Sealer.
- Finalize your project with BMA Water Based Paint followed by one to two layers of BMA Clear Bond.

✓ **For old surfaces:**

- After rubbing the substrate to ensure old paint removal, apply a layer of BMA Putty.
- Let it dry then sand again to obtain a uniform surface.
- Apply a BMA Water Based Paint if required and finalize the system with one to two layers of BMA Clear Bond.

### Drying Time

Surface (Touch) Dry: 1 hour

Through Dry: 4 hours

Dry to over coat: 12 hours

### AVAILABLE PACKAGING

Gallon = 4 L; Pail = 17 L

## SHELF LIFE

BMA Clear Bond should be stored in undamaged and unopened containers in a well-ventilated area where the humidity does not exceed 85%, the temperature varies between 5 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 Clear Bond 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.

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