

## BMA CONCRETE SEALER

*Code: 1BM-SCE*

*Color: Clear*

### PROPERTIES

A Self-priming solvent-based sealer designed with a high performance in order to protect the surface from erosion and dust as well as to resist to the harmful effect of UV light and weather conditions. This product is characterized by its adhesion that blocks the penetration of water and chemicals. It is suitable for interior and exterior use on floors, paths, driveways and pavers.

### RECOMMENDED USES

BMA Concrete Sealer could be used for:

- ✓ Masonry cement surfaces
- ✓ Building materials
- ✓ Block works
- ✓ Concrete plasters
- ✓ Fibrous cement sheeting

### PERFORMANCE BENEFITS

- ✓ A long lasting self-priming sealer
- ✓ Resistance to erosion and abrasion
- ✓ Barrier against water permeability and chemicals migration
- ✓ Anti-slipping property
- ✓ Remarkable flexibility and elasticity
- ✓ Withstanding heavy weights with a great impact resistance

### CHARACTERISTIC PHYSICO-CHEMICAL DATA

Tests	Norms	Results
Total solids, by weight	ASTM D2369	58%

Total solids, by volume	ISO 3233	57%
Specific Gravity (g/cm <sup>3</sup> )	ASTM D1475	0.98
Total volatile organic compound (V.O.C)	ASTM D3960	400 g/L

## APPLICATIONS GUIDE

### Surface Preparation

Before applying BMA Sealer, 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.

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.

### Thinning

If thinning is required, 100% Xylene or Toluene for the first coat and 50% Xylene or Toluene for the second coat.

### Application

BMA Sealer Concrete should be applied in a well-ventilated area where the humidity does not exceed 85% and the temperature varies between 10°C and 30°C. The application must be done on a clean and dry surface using a brush, roller or airless spraying system. For existing substrates, apply a thin uniform film to ensure complete coverage of the surface while avoiding any excesses. If a second coat is desired, wait approximately 3 hours between coats. A second coat will yield a higher gloss and enhance overall surface protection. Two thin coats are better than one heavy coat.

### Drying Time

Surface (Touch) Dry: 1 hour

Dry to over coat: 3 hours

Full cure: 7 days

## AVAILABLE PACKAGING

Gallon = 4L; Pail = 20L; Barrel = 200L

## SHELF LIFE

BMA Sealer Concrete should be stored in unopened and undamaged containers in a well-ventilated area where the humidity does not exceed 80% and the temperature varies between 5°C and 35°C. The product must be kept away from direct exposure to sunlight and far away from any freezing or heating source.

Under these conditions, the shelf life of BMA Sealer Concrete 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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*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.*