

BMA PRIMER SEALER

Code: 1BM-SEW

Color: Clear, White & colors

PROPERTIES

A water based acrylic wall sealer, formulated to be used on alkaline surfaces under water based and oil based finishing systems. BMA-SEW is able to provide an excellent adhesion to the surface and is suitable for use on interior and exterior walls. Its outstanding durability makes it ideal for use in kitchens, bathrooms, hotels, hospitals and public buildings.

RECOMMENDED USES

BMA Sealer could be used for walls and ceilings on:

- ✓ Cement plaster
- ✓ Precast concrete
- ✓ Gypsum
- ✓ Fibrous cement sheeting

PERFORMANCE BENEFITS

- ✓ Alkaline resistance
- ✓ Good adhesion to the surface
- ✓ Anti-fungus property and algae resistance
- ✓ Low odour and non-toxic
- ✓ Fast drying time
- ✓ Durable
- ✓ Easy to apply

CHARACTERISTIC PHYSICO-CHEMICAL DATA

Data corresponding to BMA Primer Sealer, **clear**

Tests	Norms	Results
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Total solids, by weight	ASTM D2369	18%
Specific Gravity (g/cm ³)	ASTM D1475	1.021
Viscosity, @25°C	ASTM D562	10 Poises
Total Volatile Organic Compound (V.O.C)	ASTM D3960	2 g/L
Spreading Rate at 30 µm DFT ⁽¹⁾	-	5.7 m ² /L
Recommended WFT ⁽²⁾ (µm)	-	180 µm

¹⁾DFT: Dry Film Thickness

²⁾WFT: Wet Film Thickness

Data corresponding to BMA Primer Sealer, **white color**

Tests	Norms	Results
Total solids, by weight	ASTM D2369	55.41%
Specific Gravity (g/cm ³)	ASTM D1475	1.4
Viscosity, @25°C	ASTM D562	20 Poises
Total Volatile Organic Compound (V.O.C)	ASTM D3960	15 g/L
Dry opacity @150 µm	-	0.94
Spreading Rate at 30 µm DFT ⁽¹⁾	-	12 m ² /L
Recommended WFT ⁽²⁾ (µm)	-	85 µm

¹⁾DFT: Dry Film Thickness

²⁾WFT: Wet Film Thickness

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

Use 30 to 40% of water when applying using a brush or roller, and 35 to 45% of water for air spraying application.

Application

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

- 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 layers 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 and let the surface dry for 12 hours as well.

Drying Time

Surface (Touch) Dry: 30 minutes

Dry to over coat: 4 hours

Dry to handle: 6 hours

AVAILABLE PACKAGING

Gallon = 4 L; Pail = 17 L

SHELF LIFE

BMA Sealer should be stored in undamaged and unopened containers in a well-ventilated area where the humidity does not exceed 85%, 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 Sealer will be 1 year. 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.40 - Edition #: 3

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.