

BMA ACRYLIC BLOCKING PLASTER

Code: BMA-ABP

Color: Grey, White and Off-White

PROPERTIES

An acrylic plaster with extreme protection capacity to act as a flat primer on interior walls with excellent resistance to humidity absorption, cracks propagation and fungal growth. BMA-ABP is lead and mercury free which makes it a non-toxic blocking product. It provides a smooth and hard film sufficiently adhered to the protected surface. This latter could be

RECOMMENDED USES

BMA Acrylic blocking plaster could be used for:

- ✓ Cement plasters
- ✓ Masonry
- ✓ Gypsum substrates
- ✓ Gypsum fiber boards and cardboards

PERFORMANCE BENEFITS

- ✓ Cementous blocking and hiding capacity
- ✓ Environmentally friendly
- ✓ Great adhesion to the surface
- ✓ Good hardness and mechanical properties
- ✓ Anti-fungal growth
- ✓ Fast drying
- ✓ Good durability

CHARACTERISTIC PHYSICO-CHEMICAL DATA

*Data corresponding to BMA Acrylic Blocking Plaster, **white color***

Tests	Norms	Results
Total Solids, by weight		
Total Solids, by volume		
Specific Gravity (g/cm ³)		
Viscosity, @ 25°C		
Total Volatile Organic Compound (VOC)		
Spreading Rate at ...µm DFT ⁽¹⁾		
Recommended WFT ⁽²⁾		

¹⁾ DFT: Dry Film Thickness

²⁾ WFT: Wet Film Thickness

APPLICATIONS GUIDE

Surface Preparation

Before applying BMA Acrylic Blocking Plaster, 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.

Thinning

If thinning is required, use **50%** (for brush or roller application) and **10%** (for airless spraying system) of **BMA Xylene BMA-XYL**.

Application

BMA Acrylic Blocking Plaster 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 airless spraying system. It is preferable to apply BMA-ABP when its temperature does not exceed 10°C and with an accurate thinning percentage in order to avoid the reduction of the sag resistance nor the plaster opacity.

Drying Time

Surface (Touch) Dry: 2 hours

Through Dry: 24 hours

Dry to over coat: 6 hours

Full Cure: 48 hours

AVAILABLE PACKAGING

1 US Gallon = 3.786 L; 5 US Gallons Pail = 18.9 L

SHELF LIFE

BMA Acrylic Blocking Plaster should be stored in closed 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 done away from direct exposure to sunlight and far away from freezing and heating source.

Under the above-mentioned conditions, the shelf-life BMA Acrylic Blocking Plaster will be **2 years**. After this period, the paint quality is subjected to re-inspection. Proper handling is required 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.65 - 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.