

BMA MONOCOUCHE

Code: BMA-MCT

Color: Catalogue colors

PROPERTIES

BMA Monocouche is a waterborne textured paint, formulated with a high performance in order to provide a decorative finishing on interior and exterior walls. It is based on hydraulic binders mixed with selected aggregates to give a sanding texture. BMA-MCT is suitable to be used for commercial, industrial and residential buildings.

RECOMMENDED USES

BMA Monocouche could be used for:

- ✓ Drywalls
- ✓ Ceilings
- ✓ Masonry of cement plasters
- ✓ Gypsum based plasters
- ✓ Concrete rendering
- ✓ Brickwork and blockwork

PERFORMANCE BENEFITS

- ✓ Interior and exterior decorative paint with a sand finishing
- ✓ Waterproofing and weatherproofing capacity
- ✓ Resistance against crack propagation
- ✓ Strong adhesion to the surface
- ✓ Resistance to dirt pick up and fungal growth
- ✓ Easily workable
- ✓ Long durability with a great coverage

CHARACTERISTIC PHYSICO-CHEMICAL DATA

Tests	Norms	Results
-------	-------	---------

Total Solids, by weight	ASTM D2369	82%
Total Solids, by volume	ISO 3233	65%
Total pigments, by weight	ASTM D37	77%
Specific Gravity (g/cm ³)	ASTM D1475	1.97
Viscosity, @ 25°C	ASTM D562	100 Poises
Total Volatile Organic Compounds (VOC)	ASTM D3960	12 g/L
Spreading Rate at 750µm DFT ⁽¹⁾	-	0.9m ² /L

¹⁾DFT: Dry film Thickness

APPLICATIONS GUIDE

Surface Preparation

Before applying BMA Monocouche, 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.

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

Prime the substrate using a textured primer for BMA Monocouche, such as BMA Roll Mohair BMA-RMT or BMA Roll Sanding BMA-RST.

Thinning

If needed, use maximum 3% of water for thinning and applying with a blade or a spatula.

Application

BMA Monocouche should be applied in a well-ventilated area where the humidity does not exceed 85% and the humidity between 5°C and 35°C, the application must be done after well cleaning and fully drying the surface using a blade or a spatula and by following the recommended below system:

- Rub the cleaned and dried surface using a rubbing stone until obtaining an almost coarse texture in order to ensure the adhesion of the system.
- Treat the substrate with BMA Silicone Oil BMA-SIO to enhance the protection against humidity and water leakage.
- Apply one layer of BMA Water Based Sealer BMA-SEW followed by two coats of BMA Extra Fill Putty BMA-PUW010 then one coat of BMA Ultra Fine Putty BMA-PUW020.
- After sufficient drying, sand the surface with a 150 – 180 grit rubbing paper and remove any remaining dust.
- Prime the surface with one of the suggested BMA Textured Primer (BMA-RMT or BMA-RST), let it dry for 12 hours and apply one thick coat of BMA Monocouche BMA-MCT.
- Finalize your system with a layer of BMA Clear Bond BMA-CBW after 12 hours of drying period of BMA-MCT.

Drying Time

Surface (Touch) Dry: 2 – 3 hours

Dry to over coat: 12 hours

Full cure time: 24 hours

AVAILABLE PACKAGING

Pail = 17 L

SHELF LIFE

BMA Monocouche should be stored in unopened and undamaged containers in a well-ventilated area and dry shaded place below 35°C. The storage must be far away from any heating or freezing source.

Under these conditions, the shelf life of BMA Monocouche will be 1 year. After this period, the products quality 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.67 - Edition #: 2

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.