

BMA PIETRA

Code: BMA-DPI

Color: Catalogue colors

PROPERTIES

BMA Pietra is an acrylic emulsion paint containing natural color stones and designed with two different sizes: 1 mm and 3 mm. It has a great adhesion to the surface with an ability to resist to UV light as well as to hide and cover all imperfections. BMA-DPI is formulated as a decorative mineral plaster for exterior faces application in residential and commercial buildings.

RECOMMENDED USES

BMA Pietra could be used for:

- ✓ Walls and ceilings
- ✓ Masonry cement surfaces
- ✓ Building materials
- ✓ Gypsum based plasters
- ✓ Insulation systems

PERFORMANCE BENEFITS

- ✓ Resistance to weather conditions and UV light
- ✓ Vapour permeability enabling the surface breathe
- ✓ Covering and hiding capacity for any occurring undulation or crack
- ✓ Environmentally friendly
- ✓ Various particles size availability

CHARACTERISTIC PHYSICO-CHEMICAL DATA

Tests	Norms	Results
Total solids, by weight	ASTM D2369	88 ± 2 %
Specific Gravity	ASTM D1475	1.78 ± 0.02

Total Volatile Organic Compound (VOC)	EU Directive 2004/42/EC	7 g/L
Covering Capacity (1mm size)	-	0.4 – 0.45 m ² /kg
Covering Capacity (3 mm size)	-	0.25 – 0.35 m ² /kg
Theoretical Consumption (3 mm size)	-	3000-3800 g/m ²

APPLICATIONS GUIDE

Surface Preparation

Before applying BMA Pietra, 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. This could be also done using 3% solution of ammonia in water.

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

After sufficient cleaning, prime the surface with a layer of BMA Sanding Primer Dif-RST.

Thinning

If thinning is required, maximum 5% of water could be used when applying using a steel trowel.

Application

BMA Pietra should be applied in a well-ventilated area where the humidity does not exceed 75% and the temperature varies between 5°C and 35°C. The application must be done on a clean and dry surface following the below recommended system:

- All cracks and imperfections must be filled with a layer of BMA roof putty BMA-PUW.

- BMA Sanding Primer Dif-RST could be used as a primer before BMA Pietra application.
- After sufficient drying of Dif-RST, a thick layer of BMA Pietra should be spread in even thickness to the entire surface with a steel trowel.
- Leave the spread layer 20 minutes before adjusting the surface with a steel spud that must be cleaned sometimes with water when necessary.

Drying Time

Surface (Touch) Dry: 6 hours

Through Dry: 3 days

AVAILABLE PACKAGING

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

SHELF LIFE

BMA Pietra must be stored in closed and undamaged containers in a well-ventilated area where the humidity does not exceed 75% 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 any heating or freezing source.

Under these storage conditions, the shelf life of BMA Pietra 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.

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