

BMA PROTECTION WAX

Code: BMA-PRW

Color: Clear

PROPERTIES

BMA Protection Wax is a long lasting water based protection with a high bonding strength. It is applied as an adhesive product and as a barrier against, water leaks and fungi growth on cementitious surfaces. When it dries, BMA-PRW leaves a sticky film able to add resiliency and toughness to the covered surface. BMA Protection Wax offers a water-proofing, weather-proofing and UV resistance to the water borne coating covered by BMA-PRW. This bonding agent could be used to bond old to new concrete, cement to wood and plaster, in walls and roof ceilings.

RECOMMENDED USES

BMA Protection Wax could be used for:

- ✓ Households and garden gadgets
- ✓ Building facades
- ✓ Concrete courts
- ✓ Wallboards
- ✓ Plaster cement
- ✓ Protective top-coat for textured coatings

PERFORMANCE BENEFITS

- ✓ Excellent bond strength
- ✓ Resistance to water and humidity
- ✓ Good sealing property
- ✓ Resistance to dirt, dust and algae growth
- ✓ Long durability
- ✓ Protection from scrapes and scuffs
- ✓ Long lasting and excessive colour retention for the protected coating

CHARACTERISTIC PHYSICO-CHEMICAL DATA

Tests	Norms	Results
Total solids, by weight	ASTM D2369	39.85 %
Consistency, at 25°C	ASTM D562	15 Poises
Specific Gravity (g/cm ³)	ASTM D1475	1.056
Total Volatile Organic Compound (VOC)	ASTM D3960	8.44 g/L
Spreading Rate at 35 µm DFT ⁽¹⁾	-	10.6 m ² /L
Recommended WFT ⁽²⁾ at 15% Dilution	-	108 µm

¹⁾ WFT: Wet Film Thickness

²⁾ DFT: Dry Film Thickness

APPLICATIONS GUIDE

Surface Preparation

Before applying BMA Protection Wax, all necessary pretreatment must be done. Surface should be clean, dry and free of all contaminants (oils, 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 for 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.

Priming

BMA Protection Wax should cover any BMA textured coating (Maplexine, Roll, and Gratin).

Thinning

Use 50 to 70% of tap water to thin BMA Protection Wax.

Application

BMA Protection Wax should be applied in a well-ventilated area where the humidity does not exceed 75% and the temperature varies between 10°C and 35°C. Use a brush, roller or air spraying system to apply BMA Protection Wax.

Two systems are recommended for the application:

✓ **For newly painted surfaces:**

- Let the textured coating dry for at least 6 – 8 hours.
- Thin BMA Protection Wax and apply one layer, at least 72 hours before rain is forecasted.

✓ **For old surfaces:**

- Clean the old textured coating with water; let dry for at least 48 hours.
- If necessary, remove the peeled coating and touch-up the surface with the same used coating: it's recommended to fill the imperfections with BMA Roof Putty then apply a full layer of the textured coating; let dry at least 6 – 8 hours.
- Thin BMA Protection Wax and apply one layer, at least 72 hours before rain is forecasted.

Drying Time

Surface (touch) dry: 2 hour

Through Dry: 4 hours

AVAILABLE PACKAGING

1 US Gallon = 3.786 L; Pail = 17 L

STORAGE CONDITIONS & SHELF LIFE

BMA Protection Wax should be stored in undamaged and unopened containers in a well-ventilated area where the humidity does not exceed 75%, the temperature varies between 5°C 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 Protection Wax will be 2 years. 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.