

BMA WATER REPELLENT IMPREGNATOR WATER BASED

Code: BMA-WRW001

Color: Clear

PROPERTIES

BMA Water repellent impregnator is a colorless protective coat against rain for concrete structures, facing bricks, cementitious renders, cellular cement etc. ...It is ideal for impregnating all absorbent mineral materials used in building. Applied to a porous surface, BMA-WRW penetrates deeply and reacts with natural humidity to form a water-repellent layer inside pores. It is able to form a barrier against aggressive agents present in the atmosphere, that are carried into the surface by rainwater.

RECOMMENDED USES

BMA Water repellent impregnator is formulated to be used on:

- ✓ concrete structures
- ✓ cement renders, cellular cement
- ✓ face bricks
- ✓ exposed concrete blocks
- ✓ natural and artificial stone

PERFORMANCE BENEFITS

- ✓ Resistance to weather conditions and to ultraviolet rays
- ✓ resistance to the alkalinity present in cement materials
- ✓ Barrier against aggressive agents present in the atmosphere
- ✓ No Color change
- ✓ Easy to apply

CHARACTERISTIC PHYSICO-CHEMICAL DATA

Tests	Norms	Results
Total solids, by weight	ASTM D2369	8.5%
Consistency, @ 25°C	ASTM D562	Fluid liquid
Specific Gravity (g/cm ³)	ASTM D1475	1.05
Spreading Capacity per coat	-	Depends on film thickness applied, type of texture, surface porosity, imperfections, temperature & wastage during painting

APPLICATIONS GUIDE

Surface Preparation

Before applying BMA Water Repellent Impregnator, 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. All deteriorated materials or old paints must be removed.

Application

BMA Water Repellent Impregnator must 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 well-treated, cleaned and dried substrate using a brush, roller or a low-pressure spraying equipment.

Apply a number of coats until the surface is completely saturated; apply each successive coat while the previous one is still wet. On substrates with poor permeability, be careful not to form layers of the product during application. Go over the surface with a sponge float if necessary while the product is still wet.

Drying Time

Surface Drying Time: 1-2 hours

AVAILABLE PACKAGING

25 and 5 kg plastic drums

SHELF LIFE

BMA Water Repellent Impregnator 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 any heating or freezing source.

Under these storage conditions, the shelf life of BMA Water Repellent Impregnator will be 2 years. After this period, the product 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.

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