

## BMA WOOD INSULATOR

*Code: BMA-ISO*

*Code of its hardener: BMA-HPU000*

*Color: Clear*

### PROPERTIES

BMA Wood Insulator is a two-component coating that acts as a supreme isolation for several types of wood substrates. It is formulated with a high quality to seal cracks, holes and irregularities. BMA Wood Insulator provides a long-lasting protection from dirt adherence to the surface, rain etc....

### RECOMMENDED USES

BMA Insulator could be used for all wooden substrates.

### PERFORMANCE BENEFITS

- ✓ Waterproofing and weatherproofing properties
- ✓ Sealing cracks, pores & irregularities
- ✓ Resistance to dirt
- ✓ A long-lasting wood isolation

### CHARACTERISTIC PHYSICO-CHEMICAL DATA

*Data corresponding to **BMA Wood Insulator (Part A)**, BMA-ISO, cross-linked with its hardener **BMA-HPU000 (Part B)** (A+B):*

Tests	Norms	Results
Total solids, by weight	ASTM D2369	24%
Total solids, by volume	ISO 3233	20%
Consistency, @ 25°C (Part A)	ASTM D562	10''
Specific gravity (g/cm <sup>3</sup> )	ASTM D1475	0.95
Total volatile organic compound (VOC)	ASTM D3960	723 g/L

## APPLICATIONS GUIDE

### Surface Preparation

Before applying BMA Wood Insulator, 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.

#### **Wooden surface:**

For previously painted wooden surface, remove paint residues using a scraper in order to avoid the flaking of the new coating in case it is not compatible with the old one. Sand and smooth the surface then clean it well and remove the sanding dust. Let the surface dry before any primer or sealer application.

For new wood, sand the surface and all the edges lightly until smoothing. Apply an insulator (PU Milesi) for oily wooden substrate. If the applied coating is a solvent-based system, no thinning is required, if it is a water-based system, thinning of 10-15% is required for faster solvent evaporation. Then, use NC Putty BMA-PUN to close off, patch and fill all surface imperfections (cracks, holes, pores, etc....). Clean the substrate and let it dry then make sure that the moisture content does not exceed 10%.

When the coating is a clear system, apply BMA Wood Stain BMA-STS then 2 to 3 layers of BMA Sealer. If it is a pigmented system, directly apply 2 to 3 layers of BMA Primer. Sand until smoothing using a sanding paper with a 300-grit size. Clean it well before any coating application.

### Priming

Wooden substrates could be primed using any BMA Primer suitable for wood. Priming must be done directly after preparing, cleaning and drying the surface.

### Mixing

Pour contents of BMA Wood Insulator into a larger container, add its corresponding BMA Hardener BMA-HPU000 and mix them thoroughly. The hardener percentage to the base component is 100% by volume.

## Application

BMA Wood Insulator should be applied in a well-ventilated area where the humidity does not exceed 85% and the temperature not less than 10°C. The substrate temperature should be at least 5°C and it must be dry and free of any residues.

1 or 2 layers of Wood insulator are enough before application of paint. Application Interval between coats without sanding after 12 hours.

## Drying Time

Surface (Touch) Dry: 40 minutes

Dry to over coat: 2-4 hours

Hard dry: 24 hours

## AVAILABLE PACKAGING

1 Kilo kit

## SHELF LIFE

BMA Wood Insulator should be stored in undamaged and unopened containers in a well-ventilated area where temperature varies between 5°C and 35°C. The product must be kept away from any heat or freezing source.

Under these storage conditions, the shelf life of BMA Wood Insulator will be 2 years and the shelf life of its hardener is 1 year. After this period, its quality will be 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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