

## BMA WOOD STAIN

*Code: 1BM-STW*

*Color: Catalogue colors*

### PROPERTIES

BMA Wood Stain is solvent based providing rich colors, enhancing and harmonizing the wood grain, and treating the natural timbers. It can be applied easily, dries quickly and penetrates deep into the pores of the wood. BMA Wood Stain is designed to be applied on interior soft and hard wood surfaces and on any type of joinery.

### RECOMMENDED USES

BMA Wood Stain could be used for:

- ✓ Fiber and particle board
- ✓ Furniture
- ✓ Windows and doors frames
- ✓ Timber ceilings and beams

### CHARACTERISTIC PHYSICO-CHEMICAL DATA

*Data corresponding to BMA Wood Stain, **BMA-ST5***

Tests	Norms	Results
Total solids, by weight (%)	ASTM D2369	55%
Specific Gravity (g/m <sup>3</sup> )	ASTM D1475	0.9
Viscosity (25°C) (KU)	-	50
Spreading rate at 35 µm DFT <sup>(1)</sup>	-	15 m <sup>2</sup> /L

<sup>1</sup>DFT: Dry Film Thickness

## APPLICATIONS GUIDE

### Surface Preparation

Before applying BMA Wood Stain, 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.

#### **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%.

Sand until smoothing using a sanding paper with a 240 - 300 grit size. Dust it and clean it well before any coating application.

### Thinning

If thinning is required, up to 300 % of BMA Thinner or White Spirit could be used according to the required color.

### Application

BMA Wood Stain should 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 clean and dry substrate using a brush, a spray gun, a cloth or a cotton and following the below recommended system:

- Sand the surface with a suitable grade of abrasive paper then dust it down.
- Stir well before use.

- Before staining, the moisture content of the substrate should not exceed 10%.
- Apply one full coat of the chosen color and wipe off excess with a dry absorbent cloth, rubbing with the grain.
- If the wood is oily, apply one layer of Milesi insulator and let it dry for 12 hours.
- Then apply one layer or more of BMA Sealer.
- Use 240 grit or finer sandpaper and dust off. Then, apply one coat of BMA Lacquer, it will guarantee maximal adhesion of the topcoats.

## Drying Time

Surface (Touch) Dry: 20 minutes

Over-coating Interval: 4 hours

Thorough dry: 7-8 hours

## AVAILABLE PACKAGING

1L and upon request

## SHELF LIFE

BMA Wood Stain should be stored in unopened 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 Wood Stain 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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*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.*