BMA BOUCHE-PORES

TECHNICAL DATA SHEET

Product Code: 1BM-BPW
Hardener Code (if applicable): Not Applicable

I. Product Description

BMA Bouche-Pores is a fast-drying solvent-based wood coating formulated to be used on all soft & hard woods as a durable pore filling coating.

II. Product Performance Characteristics

- Excellent filling properties
- Flaking prevention
- Good adhesion
- Resistance to cracking and mechanical stress

III. Areas of Application

BMA Bouche-Pores can be used on any wooden surface.

IV. Technical Specifications

Data for BMA Bouche-Pores 1BM-BPW:

Parameter	Norm/Standard	Result
Total Solids, by weight (%)	ASTM D1259	68
Total Solids, by volume (%)	ISO 3233	45
Viscosity at 25°C (Poises)	ASTM D562	30
Specific Gravity (g/cm^3)	ASTM D1475	1.44
Total Volatile Organic Compound (VOC) (g/L)	ASTM D3960	425.82
Appropriate solvent	-	BMA White Spirit
Solvent ratio by volume (%)	-	20
Gloss level	-	Matt
Recommended WFT [2] (µm)	-	60-80

Recommended DFT [1] (µm)	-	25-40

[1] DFT: Dry Film Thickness
[2] WFT: Wet Film Thickness

V. Application Procedure

Surface Preparation

Before applying BMA Bouche-Pores, 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.

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.

Priming

Wooden substrates may be primed before applying BMA Bouche-Pores using any BMA Primer suitable for wood. Priming should be done directly after preparing, cleaning and drying the surface.
Alternatively, if the surface is not primed, the wood must be sanded using 080 white sandpaper before application.

Thinning

If thinning is necessary, a maximum of 20% of BMA White Spirit could be added in order to obtain the required viscosity of the mixture.

Application

BMA Bouche-pores should be applied on a well cleaned, dried and free from contaminations surface in a well-ventilated area. The temperature should be between 5 and 30°C and the humidity not more than 85%.

- Apply by brush to an even thickness, then adjust it by a rug.
- Maintain a wet edge and lay off in the direction of the grain.
- Prior to staining the moisture content of the substrate should not exceed 18%.

VI. Drying Conditions

Condition	Time
Surface Touch Dry	30 minutes
Thorough Dry	2 to 3 hours
Sanding	6 to 8 hours

VII. Color Range

Available in White, Walnut, Mahogany, Oak, Ocre, Wenge, and Black.

VIII. Packaging

Available in:
1L

IX. Shelf Life & Storage Conditions

Shelf Life	Storage Temperature & Humidity	Storage Conditions
▪ 1 year from the manufacturing date.	▪ **Temperature:** Between 5°C and 35°C ▪ **Humidity:** Should not exceed 85%	Store in undamaged, unopened containers. The product must be kept away from direct sunlight and any sources of heat or flame.

X. Safety, Health, and Environmental Compliance

Aspect	Details
Environmental Impact	Contains volatile organic compounds (VOCs); avoid release into the environment. Dispose of in accordance with local environmental regulations. Prevent contamination of soil and waterways.
Health Hazards	Harmful by inhalation, skin contact, and if swallowed. May cause allergic skin reactions, respiratory irritation, or eye damage. Prolonged exposure may affect the central nervous system.
Safety Precautions	Use only in well-ventilated areas. Wear appropriate personal protective equipment (PPE) including gloves, goggles, and a respirator. Avoid direct contact with skin and eyes. Do not eat, drink, or smoke while using the product.
First Aid Measures	**Inhalation:** Move to fresh air; seek medical attention if symptoms persist. **Skin Contact:** Wash immediately with soap and water. Remove contaminated clothing. **Eye Contact:** Rinse cautiously with water for several minutes. Seek medical advice. **Ingestion:** Do not induce vomiting. Rinse mouth and seek immediate medical assistance.

XI. Certifications and Test Reports

BMA Commercial & Industrial s.a.l holds ISO 9001:2015, ISO 45001:2018, and ISO 14001:2015 certifications, ensuring that all operations are conducted in compliance with international standards.

XII. Disclaimer

The statements, technical information, and recommendations contained herein are believed to be accurate. However, as the conditions and methods of use of the product and the information provided are beyond our control, BMA Commercial & Industrial s.a.l expressly disclaims any and all liability for any results obtained or consequences arising from the use of the product or reliance on this information.