

BMA VARNISH MARINE

Codes:

Varnish Marine Glossy	BMA-VAA 100
Varnish Marine Demi-Matt	BMA-VAA 200
Varnish Marine Matt	BMA-VAA 300

Color: Clear

PROPERTIES

A solvent based varnish formulated with special alkyd resins to provide a protective finish with good weathering resistance. BMA Varnish Marine is available with different gloss levels: matt, demi matt and glossy, in order to give the desired finishing and appearance to the coated surface. It is easy to apply, with a non-yellowing property and high resistance to weather variation. BMA-VAA could be used as a decorative varnish for exterior and interior wooden surfaces.

RECOMMENDED USES

BMA Varnish Marine could be used for:

- ✓ Wooden windows frames, doors and furniture outdoor or indoor

PERFORMANCE BENEFITS

- ✓ Severe weather and abrasion resistance
- ✓ Non yellowing property
- ✓ Barrier against sunlight influence
- ✓ Good finishing appearance
- ✓ Easy to apply
- ✓ Withstanding frequent cleaning
- ✓ Tintable
- ✓ Good flexibility and high durability

CHARACTERISTIC PHYSICO-CHEMICAL DATA

Data corresponding the **BMA Varnish Marine Glossy (BMA-VAA100)**

Tests	Norms	Results
Total solids, by weight	ASTM D2369	55%
Specific gravity (g/cm ³)	ASTM D1475	0.98
Viscosity, @ 25°C	ASTM D562	21 Poises
Total Volatile Organic Compound (V.O.C)	ASTM D3960	44.6 g/L
Theoretical Spreading Rate	-	15 m ² /L

Data corresponding the **BMA Varnish Marine Demi-Matt (BMA-VAA200)**

Tests	Norms	Results
Total solids, by weight	ASTM D2369	53%
Specific gravity (g/cm ³)	ASTM D1475	0.98
Viscosity, @ 25°C	ASTM D562	21 Poises
Total Volatile Organic Compound (V.O.C)	ASTM D3960	46.6%
Theoretical Spreading Rate	-	14 m ² /L

Data corresponding the **BMA Varnish Marine Matt (BMA-VAA300)**

Tests	Norms	Results
Total solids, by weight	ASTM D2369	53%
Specific gravity (g/cm ³)	ASTM D1475	0.99
Viscosity, @ 25°C	ASTM D562	22 Poises

Total Volatile Organic Compound (V.O.C)	ASTM D3960	46.7%
Theoretical Spreading Rate	-	13 m ² /L

APPLICATIONS GUIDE

Surface Preparation

Before applying BMA Varnish Marine, 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 surfaces:

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. 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 300-grit size. Clean it well before any coating application.

Priming

Wooden surfaces:

Primer the substrate with two to three layers of BMA NC, PU or Synthetic Primer.

Thinning

If thinning is required, use 10 to 15% (for brush or roller application) and 20 to 25% (for air spraying application) of BMA White Spirit. Avoid using a thinner or benzene that could modify the gloss level of the topcoat.

Application

BMA Varnish Marine should be applied in a well-ventilated area where the temperature varies between 5°C and 35°C. The application must be done on a clean and dry surface after well stirring the topcoat by applying several thin coats instead of one thick coat and by ensuring a well drying between layers application.

For wooden surfaces: after priming the surface, apply two to three coats of BMA Enamel Synthetic, followed by one to two coats of BMA Varnish Marine.

Drying Time

Surface (Touch) Dry: 3 hours

Dry to over coat: overnight

Through dry: 24 hours

AVAILABLE PACKAGING

Kilo = 1 kg; US Gallon = 3.785 L; Pail = 20 L

SHELF LIFE

BMA Varnish Marine should be stored in closed and undamaged containers in a well-ventilated area where the humidity does not exceed 85% and the temperature between 5°C and 35°C. The storage must be away from any direct exposure to sunlight and any freezing or heating source.

Under these conditions, the shelf life of BMA Varnish Marine will be 2 years. After this period, the topcoat quality will be subjected to re-inspection.

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.