

BMA ALL ROUND LACQUER

Code: BMA-ARL

Code of its hardener: Polyurethane hardener LNB99

Color: Clear

PROPERTIES

BMA All Round Lacquer is a two-component acrylic polyurethane lacquer that has weathering resistance, designed to cover surfaces with various levels of chemical and mechanical exposure. With its good application properties, BMA-ARL has excellent balance of hardness, adhesion and film toughness. It also resists yellowing and loss of gloss upon ageing. BMA All Round Lacquer can be used for interior/exterior copper and stainless surfaces.

RECOMMENDED USES

BMA All Round Lacquer is intended for interior/ exterior copper and stainless surfaces use.

PERFORMANCE BENEFITS

- ✓ Resistance to destructive weathering conditions
- ✓ Excellent gloss retention
- ✓ Non-yellowing
- ✓ Resistance to water and chemical exposure
- ✓ Good application properties

CHARACTERISTIC PHYSICO-CHEMICAL DATA

Data corresponding to BMA All Round Lacquer, BMA-ARL, cross-linked with its PU hardener LNB99

Tests	Norms	Results
Total solids, by weight (%)	ASTM D2369	24% ± 2%
Specific Gravity (g/cm ³)	ASTM D1475	0,920 ± 0,02

Spreading rate at 20-30% thinner dilution	-	9 m ² /L
Spreading rate at 5-10% thinner dilution	-	6.6 m ² /L
Maximum Pot Life	DIN EN ISO 9514	3-4 hours
Hardener Code	-	LNB99
Hardener Percentage, by volume	-	20%

APPLICATIONS GUIDE

Surface Preparation

Before applying BMA All Round Lacquer, 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.

Metal surface

For non-ferrous metal (galvanized steel, aluminum, stainless steel, iron, etc....), use BMA Wash Primer BMA-WPU in order to etch the substrate, remove any corrosion residues and promote adhesion to the subsequently applied coatings. In case of unweathered surface or when weathering is not possible, apply a sweep or brush blast cleaning using a non-metallic abrasive in order to lightly roughen the surface. Let the surface dry before coating application.

Priming

BMA All Round Lacquer cross-linked with its polyurethane hardener should be applied directly after preparing, cleaning and drying the surface. Primer should be allowed to become tack-free before being sanded.

Mixing

Pour contents of BMA All Round Lacquer into a larger container, add its corresponding polyurethane hardener and mix them thoroughly. The hardener percentage to the base component is 20% by volume.

Thinning

If thinning is required, 20 to 30% (for spraying application) of BMA PU Thinner could be used in order to obtain the required viscosity.

Application

BMA All Round Lacquer 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.

BMA All Round Lacquer could be applied using a brush, roller, spraying system.

Drying Time

Dust Free: 10'

Touch Dry: 40'

Hard Dry: 12 hours

AVAILABLE PACKAGING

Kilo Kit

SHELF LIFE

BMA All Round Lacquer should be stored in closed and undamaged containers in a well-ventilated area where the temperature varies between 10 and 35 °C. The product must be kept away from direct exposure to sunlight or any heat or flame source.

Under these conditions, the shelf life of BMA All Round Lacquer is at least 2 years and the shelf life of its hardener is 12 months.

After these periods, the products quality 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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