

BMA TWO COMPONENTS LACQUER

Codes:

Lacquer	BMA-LAK100
Hardener	BMA-HPU500

PROPERTIES

A two component polyurethane clear topcoat with weathering resistance, designed to cover surfaces with various levels of chemical and mechanical exposure.

RECOMMENDED USES

BMA 2K Lacquer is formulated for:

- ✓ Automotive vehicles and components

PERFORMANCE BENEFITS

- ✓ Excellent durability
- ✓ Resistance to destructive weathering conditions
- ✓ Resistance to oil, wax and mild chemical exposure
- ✓ Withstanding impact and scratch effects

CHARACTERISTIC PHYSICO-CHEMICAL DATA

Data corresponding of BMA Two components Lacquer LAK100 cross-linked with its Hardener HPU500.

Tests	Norms	Results
Consistency (Part A)	Ford 4 Cup	5
Specific Gravity (g/cm ³) (Part A+B)	ASTM D1475	0.988
Gloss at 60°	ASTM D523	95
Total solids, by weight (%) (A+B)	ASTM D2369	46%
Flexibility, Mandrel bend test	ASTM D522	Passed No cracking or loss of adhesion
Accelerated Aging, 30 days at 50°C	ASTM D1849	No coagulation or setting meeting the working properties

Maximum Pot Life	DIN EN ISO 9514	5 hours
Hardener Code	-	HARD052
Hardener Percentage, by volume	-	50%

APPLICATION GUIDE

Surface Preparation

Before applying BMA LAK100, 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.

Priming

BMA 2K Lacquer 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 2K Lacquer into a larger container, add its corresponding BMA PU Hardener COV-HARD052 and mix them thoroughly. The hardener percentage to the base component is 50% by volume.

Thinning

If thinning is required, dilute up to 20% using BMA Thinner 2K in order to obtain the required viscosity.

Application

BMA 2K Lacquer should be applied in a well-ventilated area where the humidity does not exceed 75% and the temperature varies between 5°C and 35 °C.

BMA 2K Lacquer must be applied on a clean and dry surface. It could be applied by air spray.

Drying Time

Surface (Touch) Dry: 50 minutes

Hard Dry: 24-36 hours

AVAILABLE PACKAGING

1 US Gallon = 3.786 L; 5 US Gallons Pail = 18.9 L

SHELF LIFE

BMA 2K Lacquer should be stored in closed and undamaged containers in a well-ventilated area where the temperature varies between 5°C and 35 °C. The product must be kept away from any heat or freezing source or a direct exposure to sunlight.

Under these conditions, the shelf life of BMA 2K Lacquer is 2 years and the shelf life of its hardener is 1 year. 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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