

BMA NITROCELLULOSE LACQUER

Code: 1BM-LCN , 1BM-LHC

Color: Clear

PROPERTIES

A one component nitrocellulose modified oil based alkyd resin. It is a quick drying topcoat with high durability, excellent hardness and adhesion to the surface.

RECOMMENDED USES

BMA Nitrocellulose Lacquer can be used for:

- ✓ Wood furniture
- ✓ Chairs and frames
- ✓ Wooden floors
- ✓ Bars and kitchens bench tops

PERFORMANCE BENEFITS

- ✓ Economical topcoat
- ✓ Good coverage
- ✓ Applied for refinishing purpose
- ✓ Fast drying

CHARACTERISTIC PHYSICO-CHEMICAL DATA

Tests	Norms	LNN200	LNN210	LNN217	LNN220
Total solids, by weight	ASTM D2369	41%	26%	30%	30%
Consistency, at 25°C	ASTM D562	30 P	35 P	30 P	50 P
Specific Gravity (g/cm ³)	ASTM D1475	1.0 ± 0.1	0.9 ± 0.1	1.0 ± 0.1	1.0 ± 0.1
Total Volatile Organic Compound (VOC)	ASTM D3960	585 g/L	695 g/L	664 g/L	664 g/L

Spreading Rate at 35µm DFT ⁽¹⁾	-	10.5 m ² /L	6.2 m ² /L	7.3 m ² /L	7.3 m ² /L
Recommended WFT ⁽²⁾ at 20% Dilution	-	82 µm	193 µm	164 µm	164 µm
Recommended WFT ⁽²⁾ at 50% Dilution	-	102 µm	241 µm	204 µm	204 µm

¹⁾ DFT: Dry Film Thickness

²⁾ WFT: Wet Film Thickness

APPLICATIONS GUIDE

Surface Preparation

Before applying BMA Nitrocellulose 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.

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 sealer application.

For new wood, sand the surface and all the edges lightly until smoothing. Apply an insulator (PU Milesi) for oily wooden substrate. 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%.

Apply BMA Wood Stain BMA-STS then 2 to 3 layers of BMA Sealer. Sand until smoothing using a sanding paper with a 300 grit size. Clean it well before any coating application.

Priming

Priming must be done directly after preparing, cleaning and drying the surface using BMA NC Sealer.

Thinning

A 10 to 15% of BMA NC Thinner could be added to BMA NC Lacquer when the application is done using a brush or a roller, and 25 to 35% when the application is by air spraying system.

Application

BMA NC Lacquer should be applied in a well-ventilated area where the relative humidity does not exceed 70% and the temperature is at least 10°C.

The surface should be clean, dry and free of all contaminants before applying the BMA NC Lacquer using a brush, roller or air spraying system.

Drying Time

Surface (Touch) dry: 10 minutes

Dry to over coat: 2 hours

AVAILABLE PACKAGING

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

SHELF LIFE

BMA NC Lacquer should be stored in tightly closed and undamaged containers where the temperature varies between 10 °C and 35°C.

Exposure to direct sunlight and freezing should be avoided.

Under the above mentioned conditions, the shelf life BMA NC Lacquer will be 1 year.

After this period, the paint quality is subjected to re-inspection. Proper handling is required 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.

TDS.27 - Edition #: 2

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