

BMA NITROCELLULOSE CRACQUELET

Codes: BMA-CRN000

Color: Clear, other colors upon request

PROPERTIES

A one component nitrocellulose modified oil based alkyd resin. It is a quick drying topcoat with high durability, yellowing resistance, excellent hardness and adhesion to the surface. It is a fast-drying nitrocellulose wood lacquer with a cracking effect finish.

RECOMMENDED USES

BMA Nitrocellulose Cracquelet can be used for wooden surfaces:

- ✓ Wood furniture
- ✓ Chairs and frames
- ✓ Wooden floors

PERFORMANCE BENEFITS

- ✓ High weathering & abrasion resistance
- ✓ Good yellowing resistance
- ✓ Good gloss retention
- ✓ Decorative finish with a cracking effect
- ✓ Fast drying
- ✓ Fast handling

CHARACTERISTIC PHYSICO-CHEMICAL DATA

Data corresponding to BMA NC Cracquelet, **Clear (BMA-CRN000)**

Tests	Norms	CRN000
Total solids, by weight	ASTM D2369	25%
Consistency, at 25°C	ASTM D562	15 Poises
Specific Gravity (g/cm ³)	ASTM D1475	0.95
Total Volatile Organic Compound (VOC)	ASTM D3960	715 g/L
Spreading Rate at 35µm DFT ⁽¹⁾	-	6 m ² /L

Recommended WFT ⁽²⁾ at 20% Dilution	-	209 µm
Recommended WFT ⁽²⁾ at 50% Dilution	-	261 µm

¹⁾ DFT: Dry Film Thickness

²⁾ WFT: Wet Film Thickness

APPLICATIONS GUIDE

Surface Preparation

Before applying BMA Nitrocellulose Cracquelet, 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 Cracquelet 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 Cracquelet should be applied in a well-ventilated area where the relative humidity does not exceed 85% and the temperature is at least 10°C.

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

Drying Time

Surface (Touch) dry: 15 minutes

Dry to over coat: 2 hours

AVAILABLE PACKAGING

Gallon = 3.785 L; Pail = 20 L

SHELF LIFE

BMA NC Cracquelet 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 Cracquelet will be 2 years.

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.169 - Edition #: 2

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