

## BMA Nitrocellulose Sealer HS

Code: BMA-SAS100

Color: Clear

### PROPERTIES

A nitrocellulose based sealer, formulated with excellent filling and levelling properties. It is especially designed for sealing a wide range of wood substrates and for woodworking industries where transparency for related products is required.

### RECOMMENDED USES

BMA NC Sanding Sealer could be used for:

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

### PERFORMANCE BENEFITS

- ✓ Sealing, sanding and filling properties
- ✓ Quick drying
- ✓ High viscosity

### CHARACTERISTIC PHYSICO-CHEMICAL DATA

Test	Norms	Results
Total solids, by weight	ASTM D2369	55%
Specific Gravity (g/cm <sup>3</sup> )	ASTM D1475	1.02
Spreading Rate at 35µm DFT <sup>(1)</sup>	-	14m <sup>2</sup> /L

<sup>1)</sup> DFT: Dry Film Thickness

## APPLICATION GUIDE

### Surface Preparation

Before applying BMA NC Sealer HS, 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 surface:**

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. 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.

### Thinning

If thinning is required, 10 to 15% (for brush or roller application) and 150 to 200% (for air spraying application) of BMA Thinner Super, Thinner Extra, or Thinner 050 could be used in order to obtain the required viscosity.

### Application

BMA NC Sealer HS should be applied in a well-ventilated area where the humidity does not exceed 85% and the temperature not less than 5°C.

Before any application, the surface must be sufficiently dried in order to obtain the desired result. Since the system is clear, apply BMA Wood Stain BMA-STS then 2 to 3 layers of BMA Sealer, depending on the porosity of the wood.

The application could be done using a brush, roller or an air spraying system. Sanding must be done after 55 minutes and overcoating after 4 hours as well at 25°C.

To note that BMA-SAS100 is unsuitable to be immersed in water.

### Drying Time

Surface (Touch) Dry: 20 minutes

Through Dry: 45 minutes

Dry to sand: 55 minutes

Dry to over coat: 4 hours

## AVAILABLE PACKAGING

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

## SHELF LIFE

BMA NC Sealer HS 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-SAS100 will be 2 years. After this period, 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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