

## NATIONAL N.C. SANDING SEALER

### DESCRIPTION

**National N.C. Sanding Sealer** is a nitrocellulose-modified alkyd based fast drying one component sealer with excellent filling and sanding properties. It has good flexibility and excellent adhesion to various wooden substrates.

### USES

**National N.C. Sanding Sealer** is recommended where good filling and sanding property is required. It can be applied on the following substrates:

- Natural wooden substrates
- Synthetic wooden substrates like veneer, particle board, MDF, HDF and OST

### ADVANTAGES

- Easy application
- Quick drying
- Good transparency
- Excellent filling property
- Easy to sand

### TYPICAL PROPERTIES

• Color & Appearance	
Color of Dry Film	Transparent
Finish Dry Film	Matt
• Specific Gravity	1.00 ± 0.05
• Volume Solids (ASTM D 2697)	32 ± 2%
• Film Thickness	
Wet Film Thickness (WFT)	95 – 120 microns/coat
Dry Film Thickness (DFT)	30 – 40 microns/coat
• Drying Time	
Touch Dry @ 30°C	10 - 15 minutes
Dry to Sand @ 30°C	1 hours
Dry to Recoat @ 30°C	1 hours
• Theoretical Spreading Rate	10.6 - 8 m <sup>2</sup> /liter
• Flash Point	10°C

### PACKAGING SIZE

- 0.9 liters
- 3.6 liters
- 18 liters

## SURFACE PREPARATION

### FOR OLD WOOD

Remove all previous coatings. Follow the procedure mentioned below.

### FOR BARE FRESH WOOD

- Before application sand the wood properly along the direction of the wood grain with 180 emery paper and ensure the surface is clean and free from oil, grease, loose particles, dust and other contaminations
- If there is a presence of excess oil or organic compounds on the surface, clean the surface with National Lacquer Thinner.
- It is recommended to apply the sealer on a moisture free wooden surface (moisture content less than 10%).

## APPLICATION METHOD

- Brush
- Spray (conventional)

### Airless Spray Requirements

- Pressure: 2100 psi
- Nozzle Size: 0.018" – 0.020"

**Cleaning solvent/Thinner:** National Lacquer Thinner

**Dilution by volume :** 1:1 ( Paint : thinner)

## RECOMMENDED SYSTEM

National N.C. Wood Stain	1 - 2 coats
<b>National N.C. Sanding Sealer</b>	<b>2 coats</b>
National N.C. Auto Lacquer Clear	1 - 2 coats

## SAFETY PRECAUTIONS

- Avoid skin and eye contact by wearing overalls, gloves, goggles, and mask etc.
- **Skin Contact:** Clean with recommended thinner first and then wash thoroughly with soap and water. Seek medical attention if any irritation persists.
- **Eye contact:** In the event of accidental splashes, flush eye with water and rinse thoroughly. Seek medical advice immediately.
- Avoid inhalation of vapors and paint mist by wearing suitable mask.
- In the event of ingestion seek medical attention immediately.
- Application must be carried out in well-ventilated area.
- This product contains flammable materials and should be kept away from the sparks and open flames.
- Smoking in the area should not be permitted.
- Local safety regulations need to be followed.

## STORAGE & SHELF LIFE

- Store the material in proper storage conditions as per the local regulations. Keep the paint container in sealed condition under shed, away from direct sunlight, extreme temperature and avoid exposure to moisture .
- Do not keep paint material near to any ignition sources.
- Do not put back the half or unused material back in original container, containing the supplied paint, to avoid contamination.
- Handle with care.
- Stir well before use.
- Shelf life at 30°C is 24 months in original sealed container with proper storage conditions.

**NOTE:** We warranty only the quality of our product and this data sheet is based on results obtained from experience and tests. We reserve the right to change data without prior notice. For safety details kindly refer safety data sheet.