



NATIONAL POLYURETHANE WOOD SANDING SEALER (2:1)  
DECORATIVE COATINGS

TECHNICAL DATA SHEET

## NATIONAL POLYURETHANE WOOD SANDING SEALER (2:1)

<b>PRODUCT DESCRIPTION</b>	Two packs, fast drying polyurethane based sanding sealer (2:1), mainly developed for wooden surfaces. It has excellent sandability with good intercoat adhesion.
<b>RECOMMENDED USES</b>	Wooden surfaces for all architectural purpose, where reasonably high degree of filling and sanding is required. Mainly on production line application jobs.

### TECHNICAL DATA

<b>COLOUR, DRY FILM</b>	Clear
<b>FINISH, DRY FILM</b>	Smooth, Matt
<b>VOLUME SOLIDS (ASTM D2697)</b>	30 ± 2%
<b>SPECIFIC GRAVITY</b>	1.00 ± 0.05 (Mixed)
<b>THEORETICAL SPREADING</b>	10 – 7.5 M <sup>2</sup> /LTR
<b>RECOMMENDED DFT (DRY FILM)</b>	30 – 40 Microns/Coat (Minimum) depends on wood
<b>RECOMMENDED WFT (WET FILM)</b>	100 – 135 Microns/Coat (Minimum) depends on wood
<b>FLASH POINT</b>	25°C

### DRYING TIME

Drying time @ 30°C (Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.)	
<b>TOUCH DRY</b>	10 – 15 minutes
<b>DRY TO SAND</b>	30 minutes
<b>DRY TO RECOAT</b>	30 minutes

### ADVANTAGES

<b>NATIONAL POLYURETHANE WOOD SANDING SEALER (2:1) SYSTEM</b>	Two pack system with long pot life, easy to apply, good coverage and adhesion to wooden surface, excellent sandability, good intercoat adhesion.
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### APPLICATION INSTRUCTION

<b>SURFACE PREPARATION</b>	Before application, the surface should be sound, clean and free from oil, grease, loose particles, dust, etc. Application can be done by the recommended application methods.
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**APPLICATION DATA**

<b>APPLICATION METHOD</b>	Conventional Spray or Auto spray
<b>CLEANING/THINNING</b>	National Polyurethane Thinner
<b>THINNER (VOLUME)</b>	15 - 20% depending on method of applications
<b>CONV. SPRAY REQUIREMENTS</b>	Possible
<b>MIXING RATIO (BY VOLUME)</b>	Base : Hardener 2 : 1 (Mix properly keep for 10-15 minutes before use)
<b>POT LIFE @ 30°C (100 ml)</b>	8 hours

**SYSTEM**

<b>RECOMMENDED SYSTEM</b> To be applied on prepared surface.	For wooden surface:
	National Polyurethane Wood Sanding Sealer (2:1) : 2-3 coats
	National Polyurethane Wood Clear (2:1) : 1-2 coats

**NATIONAL AND INTERNATIONAL TEST CERTIFICATES**

Sr. No.	Test Description	Test Reference	Compliance
1	VOC	ISO 11890-2	Local Regulatory Requirements

**ADDITIONAL DATA**

<b>SHELF LIFE @ 30°C</b>	18 months, in original sealed container, with proper storage conditions.
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**HEALTH & SAFETY**

<b>SAFETY PRECAUTIONS</b>	<p>As a general rule, avoid skin and eye contact by wearing overalls, gloves, goggles, and mask etc. Spillage on skin should immediately be removed by thorough washing with water and soap or suitable cleaner. Eye should be flushed with fresh water. Avoid inhalation of vapours and paint mist by wearing suitable mask. In the event of ingestion and eye contact, seek medical attention immediately. Painting must be carried out in well-ventilated area.</p> <p>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 should be followed.</p>
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### STORAGE & HANDLING

<b>STORAGE</b>	Store the paint in proper storage conditions as per the local regulations. Keep the paint container in sealed condition under shed, away from direct sunlight and extreme temperatures. Do not stock 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.
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**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 surface preparation, safety details refer specifier and safety data.

This data sheet supersedes all previous issued.  
Issued: 0718