

**DECORATIVE COATINGS**

**TECHNICAL DATA SHEET**

**NATIONAL POLYURETHANE WOOD CLEAR**

<b>DESCRIPTION</b>	Is a fast drying, two component Polyurethane based wood clear, mainly developed for wooden surfaces. It has excellent resistance to water, abrasion and marine environments. The dried film is transparent and non yellowing.
<b>RECOMMENDED USE</b>	Wooden surfaces used for all architectural purposes, carpentry work and for making durable furnitures.

**TECHNICAL DATA**

<b>COLOURS</b>	Clear
<b>FINISH</b>	Smooth, Glossy, Semiglossy
<b>VOLUME SOLIDS</b>	34 ± 2%
<b>SPECIFIC GRAVITY KG/L</b>	0.99 ± 0.05 (mixed)
<b>THEORETICAL SPREADING RATE</b>	8.5 M <sup>2</sup> /LTR
<b>RECOMMENDED (DFT) - MICRONS</b>	Approx 40 per coat (minimum) or depend on type of wood
<b>RECOMMENDED (WFT) - MICRONS</b>	Approx 115 per coat
<b>DRYING TIME @ 30°C</b>	Temperature, humidity, air movement, film thickness and number of coats all affects the drying time.
	Touch dry (minutes) : 10 - 15
	Dry to sanding (hours) : 1
	Dry to recoat (hours) : 1

**APPLICATION DATA**

<b>APPLICATION METHOD</b>	Conventional Spray or Autospray
<b>THINNING (VOLUME)</b>	15 - 20% depending on the method of application
<b>THINNER / CLEANER</b>	National Polyurethane Thinner
<b>CONV. SPRAY REQUIREMENTS</b>	Atomizing Pressure : 50 psi
<b>MIXING RATIO (VOLUME)</b>	Base : Hardener : 4:1
<b>POT LIFE @ 30°C</b>	8 hours
<b>RECOMMENDED SYSTEM</b>	- National Polyurethane Wood Sanding Sealer : 2 - 3 coats - National Polyurethane Wood Clear : 1 - 2 coat

**MISCELLANEOUS DATA**

<b>FLASH POINT (MIXED)</b>	25°C
<b>SHELF LIFE @ 30°C</b>	18 months in original sealed containers, 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 surface preparation, safety details, refer specifier and safety data.