

**PROTECTIVE COATINGS**

**TECHNICAL DATA SHEET**

**NATIONAL POLYURETHANE TOPCOAT**

<b>DESCRIPTION</b>	A two pack quick drying, colour retentive glossy polyurethane finishing topcoat. It has excellent resistance against U.V. radiation. It is long lasting and has good flexibility.
<b>RECOMMENDED USE</b>	- Topcoat for texture coating system
	- Topcoat for epoxy system
	- Topcoat on steel, wood and masonry.

**TECHNICAL DATA**

<b>COLOURS</b>	Limited
<b>FINISH</b>	Smooth, Glossy
<b>VOLUME SOLIDS</b>	52 ± 2%
<b>SPECIFIC GRAVITY KG/L</b>	1.12 ± 0.05 (mixed) "for white & pastel shades"
<b>THEORETICAL SPREADING RATE</b>	13 M <sup>2</sup> /LTR.
<b>RECOMMENDED (DFT) - MICRONS</b>	40
<b>RECOMMENDED (WFT) - MICRONS</b>	75
<b>DRYING TIME @ 30°C</b>	Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.
	Touch dry : 2 - 3 hours
	Dry to recoat (minimum) : 10 hours
	Fully cured : 7 days

**APPLICATION DATA**

<b>APPLICATION METHOD</b>	Airless Spray	Air (Conv.) Spray	Brush
<b>THINNING (VOLUME)</b>	5 - 10%	10 - 15%	10%
<b>THINNER / CLEANER</b>	National Polyurethane Thinner		
<b>AIRLESS SPRAY REQUIREMENTS</b>	Tip : 2200 PSI / 0.015" - 0.018"		
<b>CONV. SPRAY REQUIREMENTS</b>	Atomizing Pressure : 50 PSI		
<b>MIXING RATIO (VOLUME)</b>	Base : Hardener : 4:1		
<b>POT LIFE @ 30°C</b>	6 hours		
<b>RECOMMENDED SYSTEM</b> Apply on dry, dust free surface.	No. of Coats x DFT (Microns)		
	- National Epoxy Red Oxide Primer (OR)	1 x 50	
	- National Zinc Phosphate Epoxy Primer	1 x 50	
	- National Guard Undercoat H.B.	1 x 100	
	- National Polyurethane Topcoat	1 x 40	

**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.