

**PROTECTIVE COATINGS**

**TECHNICAL DATA SHEET**

**NATIONALTHANE PEARL FINISH**

<b>DESCRIPTION</b>	Two component, Pearlescent Polyurethane coating with high gloss and colour retention. It has good flexibility, long lasting finish and elegant pearl appeal.
<b>RECOMMENDED USE</b>	Topcoat on cement, plaster, masonry surface, wood, steel, aluminium and glass reinforced plastic for getting high abrasion resistance.

**TECHNICAL DATA**

<b>FINISH</b>	Colour with Pearlescent effect and clear
<b>COLOURS</b>	Smooth Glossy
<b>VOLUME SOLIDS</b>	45 ± 2%
<b>SPECIFIC GRAVITY KG/L</b>	1.02 ± 0.05 (mixed)
<b>THEORETICAL SPREADING RATE</b>	15 M <sup>2</sup> /LTR.
<b>RECOMMENDED (DFT) - MICRONS</b>	30
<b>RECOMMENDED (WFT) - MICRONS</b>	70
<b>DRYING TIME @ 30°C</b>	Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.
	Touch dry : 3 - 5 hours
	Dry to recoat (minimum) : 12 hours
	Fully cured : 7 dyas

**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>	8 hours		
<b>RECOMMENDED SYSTEM</b> Apply on dry, dust free surface.	No. of Coats x DFT (Microns)		
	- National Polyurethane Primer	1 x 40	
	- Nationalthane Pearl Finish	1 x 30	
	For more glossy effect apply - Nationalthane Clear	1 x 30	

**MISCELLANEOUS DATA**

<b>FLASH POINT (mixed)</b>	25°C
<b>SHELF LIFE @ 30°C</b>	6 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.