

**PROTECTIVE COATINGS**

**TECHNICAL DATA SHEET**

**NATIONAL SYNTHETIC ENAMEL GLOSS II**

<b>DESCRIPTION</b>	A special alkyd based, quick drying enamel. It gives a tough, flexible and high gloss finish with very good adhesion and weather resistance. It also withstands abrasion and washability.
<b>RECOMMENDED USE</b>	- Interior & exterior finish coat on metal, wood and masonry surface. - Painting heavy equipments, vehicle repaint, etc.

**TECHNICAL DATA**

<b>COLOURS</b>	As Per National Shade Card
<b>FINISH</b>	Glossy
<b>VOLUME SOLIDS</b>	50 ± 2%
<b>SPECIFIC GRAVITY KG/L</b>	1.10 ± 0.05 (For white & pastel shades)
<b>THEORETICAL SPREADING RATE</b>	16.5 - 12.5 M <sup>2</sup> /LTR.
<b>RECOMMENDED (DFT) - MICRONS</b>	30 - 40
<b>RECOMMENDED (WFT) - MICRONS</b>	60 - 80
<b>DRYING TIME @ 30°C</b>	Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.
	Touch dry (hours) : 1
	Dry to recoat (hours) : 8
	Hard dry (hours) : 24

**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 G.P. Thinner		
<b>AIRLESS SPRAY REQUIREMENTS</b>	Tip : 2200 PSI/0.015" - 0.020"		
<b>CONV. SPRAY REQUIREMENTS</b>	Atomizing Pressure : 50 PSI		
<b>MIXING RATIO (BY VOLUME)</b>	Base : Hardener : One Pack		
<b>POT LIFE @ 30°C</b>	One Pack		
<b>RECOMMENDED SYSTEM</b>	No. of Coats x DFT (Microns)		
<b>Apply on dry, dust free surface.</b>	- National Red Oxide Primer	1 x 40	
	- National Synthetic Undercoat	1 x 40	
	- National Synthetic Enamel Gloss II	2 x 35	

**MISCELLANEOUS DATA**

<b>FLASH POINT</b>	32°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.