

**TECHNICAL SPECIFICATIONS**
**DECORATIVE COATINGS**
**TECHNICAL DATA SHEET**
**NATIONAL ECO ENAMEL**

<b>DESCRIPTION</b>	It is an environment friendly, special alkyd based, lead free enamel. It has tough and flexible dry film giving long lasting excellent finish. It has very good adhesion and weather resistance.
<b>RECOMMENDED USE</b>	- Protective & decorative topcoat on interior & exterior metallic, wooden and masonry surfaces. - Suitable for painting heavy equipments, vehicle, repaint, etc.

**TECHNICAL DATA**

<b>COLOURS</b>	As Per National Shade Card		
<b>FINISH</b>	Glossy	Semi-Gloss	Flat
<b>VOLUME SOLIDS</b>	51 ± 2%	52 ± 2%	55 ± 2%
<b>SPECIFIC GRAVITY KG/L</b>	1.07 ± 0.05	1.35 ± 0.05	1.55 ± 0.05
<b>THEORETICAL SPREADING RATE</b>	17 - 13 M <sup>2</sup> /LTR	17 - 13 M <sup>2</sup> /LTR	18 - 14 M <sup>2</sup> /LTR
<b>RECOMMENDED (DFT) - MICRONS</b>	30 - 40 per coat	30 - 40 per coat	30 - 40 per coat
<b>RECOMMENDED (WFT) - MICRONS</b>	60 - 80 per coat	60 - 80 per coat	55 - 75 per coat
<b>DRYING TIME @ 30°C</b>	Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.		
	Touch dry (hours)	: 3 - 4	
	Dry to recoat (hours)	: 8	
	Hard dry (hours)	: 24	

**APPLICATION DATA**

<b>APPLICATION METHOD</b>	Brush, Roller or Spray
<b>THINNING (VOLUME)</b>	5 - 15% depending on the method of application
<b>THINNER / CLEANER</b>	National G.P. Thinner
<b>AIRLESS SPRAY REQUIREMENTS</b>	Pressure / Tip Size : 2200 psi / 0.015" - 0.020"
<b>CONV. SPRAY REQUIREMENTS</b>	Atomizing Pressure : 50 psi
<b>MIXING RATIO (VOLUME)</b>	Base : Hardener : NA
<b>POT LIFE @ 30°C</b>	NA
<b>RECOMMENDED SYSTEM (CONCRETE)</b>	- National PVA Primer Sealer : 1 coat - National Stucco Filler : 2 coats - National Synthetic Undercoat : 1 coat - National Eco Enamel : 1 coat
<b>(STEEL)</b>	- National Red Oxide Primer : 1 coat - National Synthetic Undercoat : 1 coat - National Eco Enamel : 2 coats

**MISCELLANEOUS DATA**

<b>FLASH POINT</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.