

**PROTECTIVE COATINGS**

**TECHNICAL DATA SHEET**

**NATIONAL INDUSTRIAL QUICK DRYING ENAMEL**

<b>DESCRIPTION</b>	A quick drying enamel based on a special alkyd. It gives a tough, flexible and high gloss finish with excellent levelling. It also withstands abrasion, scratch and impact.
<b>RECOMMENDED USE</b>	Protective coating for structural steel, pipes, scaffolding, drums, vehicles, industrial and agricultural machinery.

**TECHNICAL DATA**

<b>COLOURS</b>	As Per National Shade Card
<b>FINISH</b>	Gloss
<b>VOLUME SOLIDS</b>	50 ± 2%
<b>SPECIFIC GRAVITY KG/L</b>	1.12 ± 0.05
<b>THEORETICAL SPREADING RATE</b>	16.5 M <sup>2</sup> /LTR.
<b>RECOMMENDED (DFT) - MICRONS</b>	30
<b>RECOMMENDED (WFT) - MICRONS</b>	60
<b>DRYING TIME @ 30°C</b>	Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.
	Touch dry (minutes) : 5 - 10
	Dry to recoat (hours) : 4 - 6
	Hard dry (hours) : 10 - 12

**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> Apply on dry, dust free surface.	No. of Coats x DFT (Microns)		
	- National Red Oxide Primer	1 x 40	
	- National Industrial Quick Drying Enamel	1 x 30	

**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.