

**PROTECTIVE COATINGS**

**TECHNICAL DATA SHEET**

**NATIONAL EPOXY RED OXIDE PRIMER**

DESCRIPTION	A two-pack epoxy primer with red oxide pigment. It provides a good abrasion resistance, and also moderate corrosion resistance.
RECOMMENDED USE	Anti-corrosive primer on steel in moderately to severely corrosive environments.

**TECHNICAL DATA**

COLOURS	Red
FINISH	Matt
VOLUME SOLIDS	52 ± 2%
SPECIFIC GRAVITY KG/L	1.60 ± 0.05 (of mix)
THEORETICAL SPREADING RATE	10.5 M <sup>2</sup> /LTR.
RECOMMENDED (DFT) - MICRONS	50
RECOMMENDED (WFT) - MICRONS	95
DRYING TIME @ 30°C	Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.
	Touch dry (hours) : 5
	Dry to recoat : Minimum 10 hrs. Maximum 7 days
	Fully cured (days) : 7

**APPLICATION DATA**

APPLICATION METHOD	Airless Spray	Air (Conv.) Spray	Brush
THINNING (VOLUME)	5 - 10%	10 - 15%	10%
THINNER / CLEANER	National Epoxy Thinner		
AIRLESS SPRAY REQUIREMENTS	Tip : 2200 PSI / 0.018"		
CONV. SPRAY REQUIREMENTS	Atomizing Pressure : 40 PSI		
MIXING RATIO (BY VOLUME)	Base : Hardener 4:1 : (Mix thoroughly, mature for 15 - 20 minutes)		
POT LIFE @ 30°C	8 hours		
RECOMMENDED SYSTEM Apply on degrease, blast clean surface.	No. of Coats x DFT (Microns)		
	- National Epoxy Red Oxide Primer		1 x 50
	- National Guard Undercoat H.B.		1 x 100
	- National Guard Topcoat (OR)		1 x 50
	- Nationalthane Topcoat		1 x 40

**MISCELLANEOUS DATA**

FLASH POINT (OF MIX)	25°C
SHELF LIFE @ 30°C	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.