



PROTECTIVE COATINGS

TECHNICAL DATA SHEET

NATIONAL RED OXIDE PRIMER

DESCRIPTION	A general purpose anti-corrosive Primer based on alkyd resin. It has excellent adhesion, flexibility and exceptional durability, can be overcoated with National Alkyd Paints.
RECOMMENDED USE	Anti-corrosive Primer on Steel surfaces in domestic and mild corrosive environments.

TECHNICAL DATA

COLOURS	Red
FINISH	Matt
VOLUME SOLIDS	53 ± 2%
SPECIFIC GRAVITY KG/L	1.53 ± 0.05
THEORETICAL SPREADING RATE	17 - 13 M ² /LTR.
RECOMMENDED (DFT) - MICRONS	30 - 40
RECOMMENDED (WFT) - MICRONS	55 - 75
DRYING TIME @ 30°C	Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.
	Touch dry (hours) : 4
	Dry to recoat (hours) : 12
	Hard dry (hours) : 24

APPLICATION DATA

APPLICATION METHOD	Airless Spray	Air (Conv.) Spray	Brush
THINNING (VOLUME)	5 - 10%	10 - 15%	10%
THINNER / CLEANER	National G.P. Thinner		
AIRLESS SPRAY REQUIREMENTS	Tip : 2200 PSI / 0.015" - 0.020"		
CONV. SPRAY REQUIREMENTS	Atomizing Pressure : 50 PSI		
MIXING RATIO (BY VOLUME)	Base : Hardener	One Pack	
POT LIFE @ 30°C	One Pack		
RECOMMENDED SYSTEM Apply on dry, dust free surface.	No. of Coats x DFT (Microns)		
	- National Red Oxide Primer		1 x 40
	- National Synthetic Undercoat		1 x 40
	- National Synthetic Enamel Gloss I or Gloss II		1 - 2 x 35

MISCELLANEOUS DATA

FLASH POINT	38°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.