

PROTECTIVE COATINGS

TECHNICAL DATA SHEET

NATIONAL RED OXIDE AIR DRYING / STOVING PRIMER

DESCRIPTION	An air drying / stoving anti-corrosive Primer based on alkyd resin and pigmented with iron red oxide pigments. It gives a tough and flexible coating with good adhesion.
RECOMMENDED USE	Anti-corrosive primer for steel surfaces. It can be used as air drying purpose, as also stoving purpose on production line.

TECHNICAL DATA

COLOURS	Red
FINISH	Matt
VOLUME SOLIDS	53 ± 2%
SPECIFIC GRAVITY KG/L	1.61 ± 0.05
THEORETICAL SPREADING RATE	13 M ² /LTR.
RECOMMENDED (DFT) - MICRONS	40
RECOMMENDED (WFT) - MICRONS	75
DRYING TIME @ 30°C	Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.
AIR-DRYING	Touch dry (hours) : 4
	Dry to recoat (hours) : 10
	Hard dry (hours) : 12
STOVING SCHEDULE	120°C for 15 minutes

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	No. of Coats x DFT (Microns)		
Apply on dry, dust free surface.	- National Red Oxide Air drying/Stoving Primer 1 x 40		
	- National Synthetic Enamel G-II (For Air drying) (OR) 2 x 35		
	- National Stoving Enamel (For Stoving) 1 x 30		

MISCELLANEOUS DATA

FLASH POINT	3a°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.