

PROTECTIVE COATINGS

TECHNICAL DATA SHEET

NATIONAL RED LEAD PRIMER

DESCRIPTION	Alkyd based Primer, pigmented with red lead pigment. It provides excellent resistance against corrosion. It has good penetration properties.
	Can be overcoated with National Alkyd Paints.
RECOMMENDED USE	Anti-corrosive Primer for steel structures in mild to moderately corrosive atmosphere.

TECHNICAL DATA

COLOURS	Red
FINISH	Matt
VOLUME SOLIDS	51 ± 2%
SPECIFIC GRAVITY KG/L	1.70 ± 0.05
THEORETICAL SPREADING RATE	17 - 12 M ² /LTR.
RECOMMENDED (DFT) - MICRONS	30 - 40
RECOMMENDED (WFT) - MICRONS	60 - 80
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 (hours) : 12
	Hard dry (hours) : 24

APPLICATION DATA

APPLICATION METHOD	Airless Spray	Air (Conv.) Spray	Brush (use protective masks)
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			
RECOMMENDED SYSTEM Apply on dry, dust free surface.	No. of Coats x DFT (Microns)		
	- National Red Lead 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.