

PROTECTIVE COATINGS

TECHNICAL DATA SHEET

NATIONAL ZINC PHOSPHATE PRIMER

DESCRIPTION	Alkyd based anti-corrosive primer with Zinc Phosphate pigment. It is tough, hard and mild chemical resistance, can be overcoated with		
	National Alkyd paints.		
RECOMMENDED USE	Anti-corrosive Primer for structural steel, tanks and pipelines in moderately corrosive atmosphere.		

TECHNICAL DATA

COLOURS	Grey
FINISH	Flat
VOLUME SOLIDS	46± 2%
SPECIFIC GRAVITY KG/L	1.5 ± 0.05
THEORETICAL SPREADING RATE	11.5 M^2/LTR .
RECOMMENDED (DFT) - MICRONS	40
RECOMMENDED (WFT) - MICRONS	85
DRYING TIME @ 30°C	Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.
	Touch dry (hours) : 3
	Dry to recoat (hours) : 10
	Hard dry (hours) : 18

APPLICATION DATA

APPLICATION METHOD	Airless Spray	Air (Conv.) Spray	Brush
THINNING (VOLUME)	5-10%	10-15%	10%
THINNER / CLEANER	National G.P. Thinne	er	
AIRLESS SPRAY REQUIREMENTS	Tip	: 2500 PSI / 0.022"	
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	s x DFT (Microns)
Apply on dry, dust free surface.	- National Zinc Phosphate Primer 1 x 40		1 x 40
	- National Synthetic Undercoat 1 x 40		1 x 40
	- National Synthetic Enamel Gloss II 2 x 35		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.