



PROTECTIVE COATINGS

TECHNICAL DATA SHEET

NATIONAL ZINC CHROMATE PRIMER

DESCRIPTION	Alkyd based Anti-corrosive Primer pigmented with Zinc Chromate. It has good corrosion resistance. It also has excellent adhesion and flexibility can be overcoated with National Alkyd Paints.
RECOMMENDED USE	Anti-corrosive Primer for ferrous and non-ferrous metals (Galvanized Steel, Aluminium, etc.)

TECHNICAL DATA

COLOURS	Yellow, Yellowish Green
FINISH	Matt
VOLUME SOLIDS	52 ± 2%
SPECIFIC GRAVITY KG/L	1.60 ± 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 : 2100 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 Zinc Chromate 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	32°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.