

PROTECTIVE COATINGS

TECHNICAL DATA SHEET

NATIONAL SYNTHETIC UNDERCOAT

DESCRIPTION	Alkyd based, non-absorbent intermediate coat. It gives maximum enamel hold out and has exceptional opacity. May be overcoated with National Alkyd finishes or National Emulsion based paints.
RECOMMENDED USE	Undercoat on all interior and exterior paint work. To be applied on Red Oxide primer applied surface.

TECHNICAL DATA

COLOURS	White, Grey (other colour on request)
FINISH	Matt
VOLUME SOLIDS	52 ± 2%
SPECIFIC GRAVITY KG/L	1.55 ± 0.05
THEORETICAL SPREADING RATE	17 - 13 M ² /LTR.
RECOMMENDED (DFT) - MICRONS	30 - 40
RECOMMENDED (WFT) - MICRONS	60 - 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.