

TECHNICAL SPECIFICATIONS
DECORATIVE COATINGS
TECHNICAL DATA SHEET
NATIONAL SYNTHETIC UNDERCOAT

DESCRIPTION	Alkyd based, non absorbent, intermediate coat. It gives maximum enamel hold out and has excellent opacity. May be overcoated with National Enamel 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	1.50 ± 0.05
THEORETICAL SPREADING RATE	17 - 13 M ² /LTR
RECOMMENDED (DFT) - MICRONS	30 - 40 per coat
RECOMMENDED (WFT) - MICRONS	60 - 75 per coat
DRYING TIME @ 30°C	Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.
	Touch dry (hours) : 2 - 3
	Dry to recoat (hours) : 12
	Hard dry (hours) : 24

APPLICATION DATA

APPLICATION METHOD	Brush, Roller or Spray
THINNING (VOLUME)	5 - 15% depending on the method of application
THINNER / CLEANER	National G.P. Thinner
AIRLESS SPRAY REQUIREMENTS	Pressure / Tip Size : 2200 psi / 0.015" - 0.020"
CONV. SPRAY REQUIREMENTS	Atomizing Pressure : 50 psi
MIXING RATIO (VOLUME)	Base : Hardener NA
POT LIFE @ 30°C	NA
RECOMMENDED SYSTEM	- National Red Oxide Primer : 1 coat - National Synthetic Undercoat : 1 coat - National Synthetic Enamel Gloss I or Gloss II : 1 - 2 coats

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.