DECORATIVE COATINGS   **TECHNICAL DATA SHEET**

NATIONAL FLAT/MATT SYNTHETIC ENAMEL

DESCRIPTION	Alkyd based, general purpose synthetic enamel. It is durable and resistant to moderate atmosphere. It has excellent opacity and washability. It also has good flow properties.
RECOMMENDED USE	Decorative finish coat for all interior walls, ceilings, wood and metal surfaces.

TECHNICAL DATA

COLOURS	As Per National Shade Card
FINISH	Smooth, Matt
VOLUME SOLIDS	53 ± 2%
SPECIFIC GRAVITY KG/L	1.50 ± 0.05
THEORETICAL SPREADING RATE	17.5 - 13 M^2/LTR
RECOMMENDED (DFT) - MICRONS	30 - 40 per coat
RECOMMENDED (WFT) - MICRONS	55 - 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) : 8
	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 **(CONCRETE/WALLS)**	- National PVA Primer Sealer : 1 coat - National Stucco Filler : 2 coats - National Synthetic Undercoat : 1 coat - National Flat/Matt Synthetic Enamel : 1 coat
(STEEL)	- National Red Oxide Primer : 1 coat - National Synthetic Undercoat : 1 coat - National Flat/Matt Synthetic Enamel : 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.

08/03