DECORATIVE COATINGS   **TECHNICAL DATA SHEET**

NATIONAL SYNTHETIC ENAMEL GLOSS I

DESCRIPTION	A general purpose synthetic enamel based on alkyd resin. It dries to give high gloss finish which is resistant to cracking and withstands abrasion and washability. It also has excellent weather resistance.
RECOMMENDED USE	Suitable for interior and exterior surfaces, requiring a protective durable and decorative gloss finish.

TECHNICAL DATA

COLOURS	As Per National Shade Card
FINISH	Glossy
VOLUME SOLIDS	45 ± 2%
SPECIFIC GRAVITY KG/L	1.05 ± 0.05 (For white & pastel shades)
THEORETICAL SPREADING RATE	15.0 - 11.0 M^2/LTR
RECOMMENDED (DFT) - MICRONS	30 - 40 per coat
RECOMMENDED (WFT) - MICRONS	65 - 90 per coat
DRYING TIME @ 30˚C	Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.
	Touch dry (hours) : 6
	Dry to recoat (hours) : 18
	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 -National Stucco Filler -National Synthetic Undercoat -National Synthetic Enamel Gloss I	: 1 coat : 2 coats : 1 coat : 1 coat
(STEEL)	-National Red Oxide Primer -National Synthetic Undercoat -National Synthetic Enamel Gloss I	: 1 coat : 1 coat : 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

BM TRADA CERTIFICATION
ISO 9001:2000
UKAS QUALITY MANAGEMENT 012
CERTIFICATE NUMBER 917