

TECHNICAL SPECIFICATIONS
DECORATIVE COATINGS
TECHNICAL DATA SHEET
NATIONALTHANE PEARL FINISH

DESCRIPTION	Two component, Pearlescent Polyurethane coating with high gloss and colour retention. It has good flexibility, long lasting finish and elegant pearl appeal.
RECOMMENDED USE	Topcoat on cement, plaster, masonry surface, wood, steel, aluminium and glass reinforced plastic, for getting high abrasion resistance.

TECHNICAL DATA

COLOURS	Colours with Pearlescent effect and clear
FINISH	Smooth, Glossy
VOLUME SOLIDS	45 ± 2%
SPECIFIC GRAVITY KG/L	1.02 ± 0.05 (mixed)
THEORETICAL SPREADING RATE	15 M ² /LTR
RECOMMENDED (DFT) - MICRONS	30 per coat
RECOMMENDED (WFT) - MICRONS	70 per coat
DRYING TIME @ 30°C	Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.
	Touch dry (hours) : 3 - 5
	Dry to recoat (hours) : 12 - 24
	Fully cured (days) : 7

APPLICATION DATA

APPLICATION METHOD	Spray or Brush
THINNING (VOLUME)	5 - 10% depending on the method of application
THINNER / CLEANER	National Polyurethane Thinner
AIRLESS SPRAY REQUIREMENTS	Pressure / Tip Size : 2200 psi / 0.015" - 0.018"
CONV. SPRAY REQUIREMENTS	Atomizing Pressure : 50 psi
MIXING RATIO (VOLUME)	Base: Hardener : 4:1
POT LIFE @ 30°C	8 hours
RECOMMENDED SYSTEM	- National Polyurethane Primer : 1 coat
	- Nationalthane Pearl Finish : 1 coat
	For more glossy effect apply
	- Nationalthane Clear : 1 coat

MISCELLANEOUS DATA

FLASH POINT (MIXED)	25°C
SHELF LIFE @ 30°C	6 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.