

TECHNICAL SPECIFICATIONS
DECORATIVE COATINGS
TECHNICAL DATA SHEET
NATIONALTHANE ELASTIC

DESCRIPTION	A two pack colour retentive Glossy Polyurethane finishing topcoat. It has excellent resistance to mechanical damage as well as variety of chemical products.
RECOMMENDED USE	- Topcoat for National Elast-O-Tile System. - Topcoat for Epoxy System on steel, wood and masonry surfaces for interior and exterior use.

TECHNICAL DATA

COLOURS	Limited
FINISH	Smooth, Glossy
VOLUME SOLIDS	56 ± 2%
SPECIFIC GRAVITY KG/L	1.30 ± 0.05 (mixed) "for white and pastel shades"
THEORETICAL SPREADING RATE	14 - 11 M ² /LTR
RECOMMENDED (DFT) - MICRONS	40 - 50 per coat
RECOMMENDED (WFT) - MICRONS	70 - 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) : 2 - 4
	Dry to recoat (hours) : 12
	Fully Cured (days) : 7

APPLICATION DATA

APPLICATION METHOD	Brush, Roller or Spray
THINNING (VOLUME)	5 - 15% (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	12 hours
RECOMMENDED SYSTEM	- National Elast-O-Primer : 1 coat - National Elast-O-Mastic : 1 coat - Nationalthane Elastic : 2 coats

MISCELLANEOUS DATA

FLASH POINT (MIXED)	25°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.