

TECHNICAL SPECIFICATIONS
DECORATIVE COATINGS
TECHNICAL DATA SHEET
NATIONALTHANE TOPCOAT

DESCRIPTION	A two pack, colour retentive high gloss, Polyurethane topcoat. It has excellent resistance to water, abrasion, corrosion, marine environment and U.V. radiation. It is long lasting and has good flexibility.
RECOMMENDED USE	- Topcoat for National Tile and National Wall Rock Systems. - Suitable for Steel, glass reinforced plastic and wooden surfaces.

TECHNICAL DATA

FINISH	Smooth, Gloss, Semi-Gloss or Matt	
COLOURS	Colours	Clear
VOLUME SOLIDS	47 ± 2%	27 ± 2%
SPECIFIC GRAVITY KG/L	1.27 + 0.05 (mixed)	0.95 ± 0.02 (mixed)
THEORETICAL SPREADING RATE	12 M ² /LTR	9 M ² /LTR
RECOMMENDED (DFT) - MICRONS	40 per coat	30 per coat
RECOMMENDED (WFT) - MICRONS	85 per coat	110 per coat
DRYING TIME @ 30°C	Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.	
	Touch dry	: 2 - 3 hours
	Dry to recoat (minimum)	: 12 hours
	Fully cured	: 7 days

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	8 hours	
RECOMMENDED SYSTEM	- National PVA Primer White for Masonry (or)	: 1 coat
	- National Tex Primer (or) National Acrylic Primer (W.B.)	: 1 coat
	- National Nutex (Spray Texture)	: 1 coat
	- Nationalthane Topcoat	: 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.