

TECHNICAL SPECIFICATIONS
DECORATIVE COATINGS
TECHNICAL DATA SHEET
NATIONALTHANE VARNISH

DESCRIPTION	A two pack, solvent based polyurethane varnish has been specially developed to take care of top coat requirement. It has high gloss, good resistance to water, abrasion, corrosion & marine environments.
RECOMMENDED USE	As a clear topcoat on steel, Aluminium, glass reinforced plastic and general wood surfaces. Also good for National Stone Finishes as a topcoat.

TECHNICAL DATA

COLOURS	Clear
FINISH	Smooth, Glossy or Matt
VOLUME SOLIDS	27 ± 2%
SPECIFIC GRAVITY KG/L	0.95 ± 0.05 (mixed)
THEORETICAL SPREADING RATE	9 M ² /LTR
RECOMMENDED (DFT) - MICRONS	30 per coat
RECOMMENDED (WFT) - MICRONS	65 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) : minimum 24
	Fully cured (days) : 7

APPLICATION DATA

APPLICATION METHOD	Brush, Roller or Spray
THINNING (VOLUME)	10 - 15% depending on the method of application
THINNER / CLEANER	National Polyurethane Thinner
AIRLESS SPRAY REQUIREMENTS	Pressure / Tip Size : 1500 - 2100 psi / 0.016" - 0.019"
CONV. SPRAY REQUIREMENTS	Atomizing Pressure : 50 psi
MIXING RATIO (VOLUME)	Base: Hardener : 4:1
POT LIFE @ 30°C	7 - 8 hours
RECOMMENDED SYSTEM	Apply on clean and dustfree surface : Nationalthane Varnish : 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.