

TECHNICAL SPECIFICATIONS
DECORATIVE COATINGS
TECHNICAL DATA SHEET
NATIONAL SYNTHETIC VARNISH

DESCRIPTION	Alkyd based, clear varnish which dries to give a flexible and long lasting finish, with excellent flow and levelling.
RECOMMENDED USE	Decorative varnish for wooden surfaces, such as panelling, doors, windows, floors, furniture, etc.

TECHNICAL DATA

COLOURS	Clear	
FINISH	Gloss	Matt
VOLUME SOLIDS	36 ± 2%	43 ± 2%
SPECIFIC GRAVITY KG/L	0.95 ± 0.05	0.96 ± 0.05
THEORETICAL SPREADING RATE	14 - 12 M ² /LTR	17 - 14 M ² /LTR
RECOMMENDED (DFT) - MICRONS	25 - 30 per coat	25 - 30 per coat
RECOMMENDED (WFT) - MICRONS	70 - 85 per coat	55 - 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)	: 4
	Dry to recoat (hours)	: 6 - 8
	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	- National Synthetic Varnish : 2 coats (Gloss or Matt)

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.