

PROTECTIVE COATINGS

TECHNICAL DATA SHEET

NATIONAL POLYURETHANE PRIMER

DESCRIPTION	A two pack quick drying polyurethane primer suitable for polyurethane system has been developed mainly for application on wood and masonry surfaces. It is also suitable for application on steel and other metals.
RECOMMENDED USE	As a primer for wood and masonry surfaces for polyurethane systems. Also suitable for steel and other metals.

TECHNICAL DATA

COLOURS	White & Grey
FINISH	Matt
VOLUME SOLIDS	50 ± 2%
SPECIFIC GRAVITY KG/L	1.30 ± 0.05 (mixed for white & pastel shades)
THEORETICAL SPREADING RATE	12.5 - 10 M ² /LTR.
RECOMMENDED (DFT) - MICRONS	40 - 50
RECOMMENDED (WFT) - MICRONS	80 - 100
DRYING TIME @ 30°C	Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.
	Touch dry (hours) : 1 - 2
	Dry to recoat (hours) : 6 - 8
	Fully cured (hours) : 24

APPLICATION DATA

APPLICATION METHOD	Airless Spray	Air Spray	Brush
THINNING (VOLUME)	10%	10%	5%
THINNER / CLEANER	National Polyurethane Thinner		
AIRLESS SPRAY REQUIREMENTS	Tip : 1500 - 2100PSI / 0.016" - 0.019"		
CONV. SPRAY REQUIREMENTS	Atomizing Pressure : 50 PSI		
MIXING RATIO (VOLUME)	Base : Hardener : 4:1		
POT LIFE @ 30°C	8 - 10 hours		
RECOMMENDED SYSTEM	No. of Coats x DFT (Microns)		
Apply on degrease, blast clean surface.	- National Polyurethane Primer	1 x 40	
	- Nationalthane Topcoat, OR	2 x 40	
	- National Polyurethane Topcoat	2 x 40	

MISCELLANEOUS DATA

FLASH POINT (OF MIX)	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.