



PROTECTIVE COATINGS

TECHNICAL DATA SHEET

NATIONAL GUARD EPOXY FLOORING TOPCOAT

DESCRIPTION	A solvent based, two pack Epoxy topcoat has been specifically developed as a general purpose flooring topcoat. Mainly for the light duty applications.
RECOMMENDED USE	General purpose flooring topcoat for concrete, cement floors. It can also be used as finishing coat on steel surfaces.

TECHNICAL DATA

COLOURS	As Per Shade Card	
FINISH	Glossy (colour)	Glossy (clear)
VOLUME SOLIDS	55 ± 2%	40 ± 2%
SPECIFIC GRAVITY KG/L	1.40 ± 0.05 (mixed) colour	1.00 ± 0.05 (mixed) clear
THEORETICAL SPREADING RATE	5.5 M ² /LTR.	6 M ² /LTR.
RECOMMENDED (DFT) - MICRONS	100	70
RECOMMENDED (WFT) - MICRONS	180	175
DRYING TIME @ 30°C	Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.	
	Touch dry (hours)	: 3 - 6
	Dry to recoat	: Minimum 10 hrs. - Maximum 3 days
	Fully cured (days)	: 7

APPLICATION DATA

APPLICATION METHOD	Airless Spray	Air Spray	Brush
THINNING (VOLUME)	5 - 10%	10 - 15%	10%
THINNER / CLEANER	National Epoxy Thinner		
AIRLESS SPRAY REQUIREMENTS	Tip : 2200 PSI/0.015" - 0.018"		
SPRAY REQUIREMENTS	Atomizing Pressure : 50 PSI		
MIXING RATIO (VOLUME)	Base : Hardener : 4:1 (Mix thoroughly, mature for 15 - 20 minutes)		
POT LIFE @ 30°C	6 - 8 hours		
RECOMMENDED SYSTEM Apply on clean dust free surface.	No. of Coats x DFT (Microns)		
	- National Guard Primer for Cement (Clear)		1 x 40
	- National Guard Epoxy Flooring Topcoat		2 x 70 - 100
	For antiskidding, spread aggregates, when first coat is wet. Apply second coat as a top coat after 8 hrs.		

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.