

TECHNICAL SPECIFICATIONS
DECORATIVE COATINGS
TECHNICAL DATA SHEET
NATIONAL GUARD EPOXY FLOORING TOPCOAT S.F.

DESCRIPTION	A solvent free, two component, self levelling, high build, pure epoxy coating which cures to a film with excellent resistance to water, mineral oils, chemicals, various acid & alkali solution. Dried film has good impact and abrasion resistance.
RECOMMENDED USE	Protective coating for cementitious surfaces such as concrete & cement floors. Industrial floors, workshop floors, kitchen, breweries, beverage stores, other storage shades, stalls, garages etc.

TECHNICAL DATA

FINISH	Smooth, Glossy or Matt	
COLOURS	Limited Colours	Clear
VOLUME SOLIDS	100%	100%
SPECIFIC GRAVITY KG/L	1.40 ± 0.05 (mixed) pastel colour	1.09 ± 0.05 clear
THEORETICAL SPREADING RATE	3.3 M ² /LTR	3.3 M ² /LTR
RECOMMENDED (DFT) - MICRONS	300 per coat	300 per coat
RECOMMENDED (WFT) - MICRONS	300 per coat	300 per coat
DRYING TIME @ 30°C	Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.	
	Touch dry (minutes)	: 30
	Dry to recoat (hours)	: 8 - 12
	Fully cured (days)	: 7

APPLICATION DATA

APPLICATION METHOD	Airless Spray, trowel, roller or brush (touch-up)
THINNING (VOLUME)	Ready for use
THINNER / CLEANER	National Epoxy Thinner
AIRLESS SPRAY REQUIREMENTS	Pressure / Tip Size : 3000 psi / 0.025" - 0.030"
CONV. SPRAY REQUIREMENTS	Atomizing Pressure : NA
MIXING RATIO (WEIGHT)	Base : Hardener : Colours 4:1 and for Clear 2:1
POT LIFE @ 30°C	15 - 20 minutes
RECOMMENDED SYSTEM	- National Guard Primer for Cement : 1 coat
Application temperature & surface temperature between 8°C - 30°C, moisture less than 4%	- National Guard Epoxy Flooring Topcoat S.F. : 1 - 2 coats
	For antiskidding, spread aggregates, when first coat is wet. Apply second coat as a top coat after 8 hrs.

MISCELLANEOUS DATA

FLASH POINT (MIXED)	Above 100°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.