

**TECHNICAL SPECIFICATIONS**
**DECORATIVE COATINGS**
**TECHNICAL DATA SHEET**
**NATIONAL GUARD EPOXY FLOORING TOPCOAT**

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

**TECHNICAL DATA**

<b>COLOURS</b>	As Per National Shade Card	
<b>FINISH</b>	Glossy	Clear
<b>VOLUME SOLIDS</b>	55 ± 2%	40 ± 2%
<b>SPECIFIC GRAVITY KG/L</b>	1.40 ± 0.05 (mixed) colour	1.00 + 0.05 (mixed)
<b>THEORETICAL SPREADING RATE</b>	5.5 M <sup>2</sup> /LTR	6 M <sup>2</sup> /LTR
<b>RECOMMENDED (DFT) - MICRONS</b>	100 per coat	70 per coat
<b>RECOMMENDED (WFT) - MICRONS</b>	180 per coat	175 per coat
<b>DRYING TIME @ 30°C</b>	Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.	
	Touch dry (hours)	: 3 - 6
	Dry to recoat (hours)	: 12 - 36
	Fully cured (days)	: 7

**APPLICATION DATA**

<b>APPLICATION METHOD</b>	Spray, Roller or Brush
<b>THINNING (VOLUME)</b>	5 - 10 % depending on method of application
<b>THINNER / CLEANER</b>	National Epoxy Thinner
<b>AIRLESS SPRAY REQUIREMENTS</b>	Pressure / Tip Size : 2200 psi / 0.015" - 0.018"
<b>CONV. SPRAY REQUIREMENTS</b>	Atomizing Pressure : 50 psi
<b>MIXING RATIO (VOLUME)</b>	Base : Hardener : 4:1 (Mix thoroughly and allow the mixed paint to mature for 15-20 mins. before use)
<b>POT LIFE @ 30°C</b>	6 - 8 hours
<b>RECOMMENDED SYSTEM</b>	- National Guard Primer for Cement : 1 coat - National Guard Epoxy Flooring Topcoat : 2 coats For antiskidding, spread aggregates, when first coat is wet. Apply second coat as a top coat after 12 hrs.

**MISCELLANEOUS DATA**

<b>FLASH POINT (MIXED)</b>	25°C
<b>SHELF LIFE @ 30°C</b>	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.