

**PROTECTIVE COATINGS**

**TECHNICAL DATA SHEET**

**NATIONAL GUARD TOPCOAT**

DESCRIPTION	A two-pack polyamide cured epoxy finish with a high resistance to mild acids, alkalies, oils and chemicals. It also has a very good impact and abrasion resistance.
RECOMMENDED USE	- Topcoat on steel surfaces in moderately to severely corrosive environment. - Topcoat for epoxy floor system and car parking.

**TECHNICAL DATA**

COLOURS	As Per Shade Card
FINISH	Gloss
VOLUME SOLIDS	55 ± 2%
SPECIFIC GRAVITY KG/L	1.40 ± 0.05 (of mix)
THEORETICAL SPREADING RATE	11 M <sup>2</sup> /LTR.
RECOMMENDED (DFT) - MICRONS	50
RECOMMENDED (WFT) - MICRONS	95
DRYING TIME @ 30°C	Temperature, humidity, air movement, film thickness and number of coats all affect the drying time. Touch dry (hours) : 3 Dry to recoat : Minimum 18 hrs. Maximum 4 days Fully cured (days) : 7

**APPLICATION DATA**

APPLICATION METHOD	Airless Spray	Air (Conv.) Spray	Brush
THINNING (VOLUME)	5 - 10%	10 - 15%	10%
THINNER / CLEANER	National Epoxy Thinner		
AIRLESS SPRAY REQUIREMENTS	Tip	: 2200 PSI/0.019"	
CONV. SPRAY REQUIREMENTS	Atomizing Pressure : 50 PSI		
MIXING RATIO (BY VOLUME)	Base : Hardener	: 4:1 (Mix thoroughly, mature for 15 - 20 minutes)	
POT LIFE @ 30°C	8 hours		
RECOMMENDED SYSTEM	No. of Coats x DFT (Microns)		
Apply on degrease, blast clean surface.	- National Epoxy Red Oxide Primer	1 x 50	
	- National Guard Undercoat H.B.	1 x 100	
	- National Guard Topcoat	1 x 50	

**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.