PROTECTIVE COATINGS   **TECHNICAL DATA SHEET**

NATIONAL GUARD S.F. CLEAR

DESCRIPTIONRECOMMENDED	A solvent free, two component, high build, polyamine cured, epoxy coating, which cures to a film with good, resistance to fresh water, mineral oils, chemicals, various acids and alkali solutions, also it has very good impact and abrasion resistance.
USE	- Lining for tanks containing chemical, sewage water, etc.
	- Self primed coating for concrete, as floor coating.

TECHNICAL DATA

COLOURS	Clear Transparent
FINISH	Clear Glossy
VOLUME SOLIDS	100%
SPECIFIC GRAVITY KG/L	1.09 ± 0.05 (mixed)
THEORETICAL SPREADING RATE	3.3 M^2/LTR.
RECOMMENDED (DFT) - MICRONS	300
RECOMMENDED (WFT) - MICRONS	300
DRYING TIME @ 30˚C	Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.
	Touch dry (hours) : 5 - 6
	Dry to recoat (hours) : Minimum 8 - Maximum 48
	Fully cured (days) : 7

APPLICATION DATA

APPLICATION METHOD	Airless Spray, Trowel, Roller or Brush (touch-up)	
THINNING (VOLUME)	Ready to use	
THINNER / CLEANER	National Epoxy Thinner	
AIRLESS SPRAY REQUIREMENTS	Tip : 3000 PSI/0.025" - 0.030"	
CONV. SPRAY REQUIREMENTS	Atomizing Pressure : NA	
MIXING RATIO (WEIGHT)	Base : Hardener : 2:1	
POT LIFE @ 30˚C	15 - 20 minutes	
RECOMMENDED SYSTEM **Apply on degrease, blast clean surface.**		No. of Coats x DFT (Microns)
	Metal: National Epoxy Red Oxide Primer	1 x 50
	National Guard S.F.	1 x 150
	National Guard S.F. Clear	1 x 150
	Concrete : National Guard S.F. Clear (Primer Coat)	1 x 150
	National Guard S.F. Clear (Topcoat)	2 x 150

MISCELLANEOUS DATA

FLASH POINT (OF MIX)	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.