

PROTECTIVE COATINGS

TECHNICAL DATA SHEET

NATIONAL GUARD S.F.

DESCRIPTION	A solvent free, two components, high build, polyamine cured epoxy paint. The cured film has good resistance to fresh water, mineral oils, various acids, and alkalies. Also has very good impact and abrasion resistance.
RECOMMENDED USE	As a lining for tanks containing petrol, sewage water etc. can be also applied as self primed coating for concrete, as floor coating.

TECHNICAL DATA

COLOURS	Off - White
FINISH	Semi Gloss
VOLUME SOLIDS	100%
SPECIFIC GRAVITY KG/L	1.40 ± 0.05 (of mix)
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 (BY WEIGHT)	Base : Hardener : 4:1
POT LIFE @ 30°C	15 - 20 minutes
RECOMMENDED SYSTEM Apply on blast clean surface.	No. of Coats x DFT (Microns)
	Metal: National Epoxy Red Oxide Primer 1 x 50
	National Guard S.F. 2 x 150
	Concrete: National Guard S.F. Clear (Primer) 1 x 150
	National Guard S.F. (OR) 1 x 300
National Guard S.F. 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.