

PROTECTIVE COATINGS

TECHNICAL DATA SHEET

NATIONAL GUARD COAL TAR EPOXY

DESCRIPTION	A two-pack polyamide cured coal tar epoxy, which is highly resistant to crude oil, sea water, fuel oil, etc. It also has excellent adhesion and good abrasion resistance.
RECOMMENDED USE	- Underwater areas and in cargo tanks, bilges, sewage disposal plants, tidal and splash zones, etc. for long life protection of steel and concrete.

TECHNICAL DATA

COLOURS	Black & brown
FINISH	Semi-gloss
VOLUME SOLIDS	72 ± 2%
SPECIFIC GRAVITY KG/L	1.30 ± 0.05 (of mix)
THEORETICAL SPREADING RATE	6 M ² /LTR.
RECOMMENDED (DFT) - MICRONS	125
RECOMMENDED (WFT) - MICRONS	175
DRYING TIME @ 30°C	Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.
	Touch dry (hours) : 7
	Dry to recoat (hours) : Minimum 12 - Maximum 48
	Fully cured (days) : 7

APPLICATION DATA

APPLICATION METHOD	Airless Spray	Brush (touch-up)
THINNING (VOLUME)	5 - 10%	10%
THINNER / CLEANER	National Epoxy Thinner	
AIRLESS SPRAY REQUIREMENTS	Tip	: 2200 PSI / 0.020" - 0.025"
CONV. SPRAY REQUIREMENTS	Atomizing Pressure : NA	
MIXING RATIO (VOLUME)	Base : Hardener	: 4:1 (Mix thoroughly, mature for 15 - 20 minutes)
POT LIFE @ 30°C	6 hours	
RECOMMENDED SYSTEM	No. of Coats x DFT (Microns)	
Apply on degrease, blast clean surface.	- National Guard Coal Tar Epoxy	2 x 125
	(To be applied on suitably primed surface)	

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.