

PROTECTIVE COATINGS

PRODUCT TECHNICAL DATA SHEET

NATIONAL GUARD COAL TAR EPOXY S.F.

DESCRIPTION	A two-pack, high build polyamide cured solvent free coal tar epoxy which is resistant to fuel oil, crude oil, sea water. It also has excellent adhesion and good abrasion resistance.
RECOMMENDED USE	- Underwater areas, in cargo tanks, sewage, disposal plant, tidal and splash zones, etc. - Long life protection of steel and concrete in severely corrosive marine and industrial environment.

TECHNICAL DATA

COLOURS	Black & Brown
FINISH	Semi-Gloss
VOLUME SOLIDS	96 ± 2%
SPECIFIC GRAVITY KG/L	1.46 ± 0.05 (of mix)
THEORETICAL SPREADING RATE	3.0 M ² /LTR.
RECOMMENDED (DFT) - MICRONS	300
RECOMMENDED (WFT) - MICRONS	310
DRYING TIME @ 30°C	Temperature, humidity, air movement, film thickness and number of coats all affect the drying time. Touch dry (hours) : 6 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 : 3000 PSI / 0.025" - 0.028"
CONV. SPRAY REQUIREMENTS	Atomizing Pressure : NA
MIXING RATIO (VOLUME)	Base : Hardener : 4:1 (Mix thoroughly, mature for 15 - 20 minutes)
POT LIFE @ 30°C	4 hours
RECOMMENDED SYSTEM	No. of Coats x DFT (Microns)
Apply on degrease, blast clean surface.	- National Guard Coal Tar Epoxy S.F. 1 x 300 (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.