



RAINBOW

EPOXY TIE COAT

PRODUCT NUMBER	SP-46 (EP-110)
TYPE	Anticorrosive paint based on high solids epoxy resin, coal tar and hardener.
USES	Medium anticorrosive paint for underwater and boottop..
CHARACTERISTICS	<ol style="list-style-type: none">1. Formulated as an adhesion coat for antifouling paints.2. Good resistance to chemicals.3. Can be applied and cures in low temperature. (Application possible down to -5°C, provided the substrate is free from ice.)4. Good abrasion resistance.5. Will tolerate thicknesses up to 250 microns at overlaps without sagging.
FINISH	Flat
COLOR	Blackish brown
FLASH POINT	Base : 30°C Hardener : 26°C
SPECIFIC GRAVITY	Above 1.4 Kg/L (mixture)
VISCOSITY	100 ~ 125 KU (mixture, 25°C)
DRYING TIME	Set-to-touch 3 hrs. Dry hard 24 hrs. Fully dried 7 days
OPTIMUM FILM THICKNESS	Wet 75~150 microns Dry 115~230 microns)
VOLUME SOLIDS	Above 65%
THEORETICAL COVERAGE	32.9 m ² /Gal 8.7 m ² /L @ 75μ
OVERCOATING INTERVALS	Min. 6 hrs. (mixture, 25°C)
MIXING RATIO	Base : Hardener = 89 : 11 (by vol.)
THINNER	No.1005 Epoxy Thinner (SP-12)
THINNING RATE	Airless spray : 0~10 % Brush / Roller : 0~5 % (by wt.)
SUBSTRATE	Steel was coated the primer
PRECEDING COATS	Epoxy Coal Tar Paint, Epoxy Gloss Flake Paint, Epoxy Primer
STORAGE SHELF LIFE	Minimum 1 year under normal storage conditions.
APPLICATION METHOD	Airless Spray, Brush, Roller
FOR AIRLESS SPRAY	Tip Size 0.019" ~0.021" Air Pressure 5~6 Kg/cm ² Pump Ratio 33 : 1 or greater
NOTE	<ol style="list-style-type: none">1. Mix base and hardener according to the mixing ratio and stir thoroughly.2. Avoid applying the paint in rainy or humid weather, and particularly, a wet surface must be thoroughly dried.3. All equipments must be cleaned immediately after use.4. The temperature of the mixture of base and hardener should be above 15°C above, otherwise more solvents must be used to obtain application viscosity.5. When overcoating interval is exceeded, paint surface must be roughened to insure adhesion.6. This results in lower sag resistance and slower cure.7. The thinner should be added after mixing the components.

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