



RAINBOW

EPOXY COAL-TAR ANTI-CORROSIVE PRIMER

PRODUCT NUMBER	SP-50 (EP-05) : coal-tar type / SP-05-1 (EP-05-N) : no coal-tar type
TYPE	Two-pack, high build anti-corrosive paint based on coal tar, epoxy resin and special hardener with aluminum anti-corrosive pigment.
USES	Anti-corrosive primer for ship bottom.
CHARACTERISTICS	<ol style="list-style-type: none">1. High build (250 microns film can be obtained by on spray coat) .2. Tough film with excellent abrasion resistance.3. Very good resistance to water, sea water, oil and chemicals.4. Very good resistance to galvanic action.5. Economical cost.
COLOR	Silver brown, Black
FINISH	Semi-gloss
SPECIFIC GRAVITY	Above 1.2 Kg/L (mixture)
VISCOSITY	90 ~ 110 KU (mixture, 25°C)
DRYING TIME	Set-to-touch 3 hrs. Dry hard 12 hrs. Fully cured 7 days (25°C)
OPTIMUM FILM THICKNESS	Wet 220 microns Dry 125 microns
VOLUME SOLIDS	Above 57% (mixture)
THEORETICAL COVERAGE	17.2 m ² /Gal 4.5 m ² /L 3.8 m ² /Kg
OVERCOATING INTERVALS	Min. 18 hrs. Max. 5 days (25°C)
POT LIFE	8 hrs. (mixture, 25°C)
MIXING RATIO	EP-05 Base : Hardener = 90.5 : 9.5 (by wt.) EP-05N Base : Hardener = 95 : 5 (by wt.)
THINNER	No.1005 Epoxy Thinner (SP-12)
THINNING RATE	5 ~ 15% (cleaning tools excluded)
PRECEDING COATS	No.1021 Cathozinc Shop Primer (SP-09) SP-08 Non-zinc Shop Primer No.908 Wash Primer (SP-01/02) No.1006 Epoxy Zinc Rich Primer (EP-03) No.1011 Inorganic Zinc Rich Primer (IZ-01)
SUBSEQUENT COATS	SP-49 Epoxy Universal Primer
STORAGE SHELF LIFE	Minimum 1 year under normal storage conditions.
APPLICATION METHOD	Airless Spray, Brush, Roller
NOTE	<ol style="list-style-type: none">1. Mix base and hardener according to the mixing ratio and stir thoroughly before use.2. Adhered moisture, grease, dirt, damaged or loose old paint and corrosive salts on substrate must be cleaned thoroughly.3. Avoid applying the paint in rainy, humid exceed 85% RH, and particularly, a wet surface must be thoroughly dried.4. All equipments must be cleaned immediately after use.5. When used inside tanks, sufficient ventilation must be provided.6. When overcoating interval is exceeded, paint surface must be roughened to insure adhesion.7. Coal tar in this paint may bleed into subsequent coats, so don't apply colored topcoat any more. If it is needed, please use SP-05-1.

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