



# RAINBOW

## EPOXY BLEACHED TAR COATING, HB

PRODUCT NUMBER	1070 (EP-10)
TYPE	A two-pack, high-build rust preventive paint based on refined light colored tar and epoxy resin with hardener.
USES	Used for cargo holds, ballast tanks, bridges, chemical plants, water canal and underground water pipes.
CHARACTERISTICS	<ol style="list-style-type: none"><li>1. High build (200<math>\mu</math> film can be obtained by one coat spray).</li><li>2. Tough and hard film with very good abrasion.</li><li>3. Excellent resistance to water, sea water, oils and chemicals.</li><li>4. Excellent resistance to galvanic action.</li><li>5. Light colors series with good look.</li></ol>
GLOSS	10~35%
COLOR	Gray, white or silver
MASS DENSITY	Above 1.2 Kg/L (mixture)
VISCOSITY	70~90 KU (mixture, 25 $^{\circ}$ C)
DRYING TIME	Set-to-touch 5 hrs. Dry hard 24hrs. Fully cured 7 days (25 $^{\circ}$ C)
OPTIMUM FILM THICKNESS	Wet 325 microns Dry 200 microns
THEORETICAL COVERAGE	11.4 m <sup>2</sup> /Gal 3.0 m <sup>2</sup> /L 2.5 m <sup>2</sup> /Kg
OVERCOATING INTERVALS	Within 18 hrs. Max. 5 days (25 $^{\circ}$ C)
MIXING RATIO	Base : hardener = 20 : 80 (by wt.)
NON-VOLATILE CONTENT	Above 60% (mixture)
POT LIFE	5 hrs. (mixture, 25 $^{\circ}$ C)
HEAT RESISTANCE	Continuous 93 $^{\circ}$ C Intermittent 121 $^{\circ}$ C
THINNER	No.1005 Epoxy Thinner (SP-12)
THINNING RATIO	0~5% (cleaning tools excluded)
PRECEDING COATS	No.908 Wash Primer (SP-01/02) No.1006 Epoxy Zinc Rich Primer (EP-03) No.1009 Epoxy Red Oxide Primer (EP-02)
STORAGE SHELF LIFE	Minimum 1 year under normal storage conditions.
APPLICATION METHOD	Airless spray, Brush, Roller
NOTE	<ol style="list-style-type: none"><li>1. Mix base and hardener according to the mixing ratio and stir thoroughly then keep static about 10~20 minutes before use.</li><li>2. Adhered moisture, grease, dirt, dust, rust and corrosion salts on substrate must be removed thoroughly.</li><li>3. Avoid applying the paint in rainy weather or relative humidity exceeded 85%, particularly a wet surface must be thoroughly dried.</li><li>4. All equipment must be cleaned immediately after use.</li><li>5. When used inside tanks, sufficient ventilation must be provided.</li><li>6. When overcoating interval is exceeded, paint surface must be roughened to ensure adhesion.</li></ol>

EPDM101070XX V1.0

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