



RAINBOW

EPOXY-TAR, HS

PRODUCT NUMBER	1078 (EP-78HS)
TYPE	A two-pack, high solids type anti-corrosive paint based on coal tar and epoxy resin with special hardener.
USES	Used for coastal facilities, ballast tanks, bridges, chemical plants, water tunnel, underground water pipelines, power plant inlet and outlet cooling water steel pipes, sewage exhaust steel pipes etc.
CHARACTERISTICS	<ol style="list-style-type: none">1. High build (250μ film can be obtained by one coat spray).2. Tough and hard film with excellent abrasion resistance.3. Excellent resistance to water, sea water, oils and chemicals.4. Very good resistance to galvanic action.5. Relatively low cost.
FINISH	Semi-gloss
COLOR	Black or brown
MASS DENSITY	Above 1.35 Kg/L (mixture)
VISCOSITY	90~110 KU (mixture, 25 $^{\circ}$ C)
DRYING TIME	Set-to-touch 6 hrs. Dry hard 24 hrs. Fully cured 7 days. (25 $^{\circ}$ C)
OPTIMUM FILM THICKNESS	Wet 320~1000 microns Dry 250 ~780 microns
THEORETICAL COVERAGE	11.7 m ³ /Gal 3.1 m ³ /L 2.23 m ³ /Kg @ DFT : 250 microns
OVERCOATING INTERVALS	Min. 18 hrs. Max. 5 days (25 $^{\circ}$ C) or 3 days (30 $^{\circ}$ C)
MIXING RATIO	Base : hardener = 94.6 : 5.4 (by wt.)
NON-VOLATILE CONTENT	Above 80% (mixture)
POT LIFE	5 hrs. (mixture, 25 $^{\circ}$ C)
THINNER	No.1005 Epoxy Thinner (SP-12)
THINNING RATE	5~10% (cleaning tools excluded)
PRECEDING COATS	Steel: No.908 Wash Primer (SP-01/02) No.1006 Epoxy Zinc Rich Primer (EP-03) No.1009 Epoxy Red Oxide Primer (EP-02) No.1011 Inorganic Zinc Rich Primer (IZ-01) Concrete: No.1073 Epoxy Clear Cement Primer
STORAGE SHELF LIFE	Minimum 1 year under normal storage conditions.
APPLICATION METHOD	Airless Spray, Spray, Brush
NOTE	<ol style="list-style-type: none">1. Mix base and hardener according to the mixing ratio and stir thoroughly then keep static about 10~20 minutes before use.2. Adhered moisture, grease, dirt, dust, rust and corrosion salts on substrate must be removed thoroughly.3. Avoid applying the paint in rainy weather or relative humidity exceeded 85%, particularly a wet surface must be thoroughly dried.4. All equipment 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 ensure adhesion.7. Do not apply any colored paints on this product due to easy to seep coal tar.

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