



# RAINBOW

## EPOXY WATER TANK COATING

PRODUCT NUMBER	No.1017 (EP-07)
TYPE	A two-pack, high-build water tank paint based on epoxy resin and special hardener with water resistant pigment.
USES	Used for potable water and fresh water tanks, also suitable for cargo hold, crude oil tanks and ballast tanks etc.
CHARACTERISTICS	<ol style="list-style-type: none"><li>1. High build (100<math>\mu</math> film can be obtained by one coat spray.)</li><li>2. Tough and hard film, outstanding abrasion resistance.</li><li>3. Excellent resistance to water, oils and chemicals.</li><li>4. Excellent protection against corrosion.</li><li>5. No contamination to fresh water(Meets JWWA K-135 for water pipe or tank).</li></ol>
FINISH	Gloss
COLOR	White, grey(#36) or Pear yellow(#30)
MASS DENSITY	Above 1.25 Kg/L (mixture)
VISCOSITY	90~110 KU (mixture, 25 $^{\circ}$ C)
DRYING TIME	Set-to-touch 2 hrs. Dry hard 10 hrs. Fully cured 7 days (25 $^{\circ}$ C)
OPTIMUM FILM THICKNESS	Wet 192 microns Dry 100 microns
THEORETICAL COVERAGE	19.7 m <sup>2</sup> /Gal 5.2 m <sup>2</sup> /L 4.17 m <sup>2</sup> /Kg
OVERCOATING INTERVALS	Min. 20 hrs. Max. 5 days (25 $^{\circ}$ C) or 3 days (30 $^{\circ}$ C)
MIXING RATIO	Base : hardener = 94 : 6 (by wt.)
NON-VOLATILE CONTENT	Above 65% (mixture)
POT LIFE	8 hrs. (mixture, 20 $^{\circ}$ C)
HEAT RESISTANCE	Continuous 93 $^{\circ}$ C
THINNER	No.1005 Epoxy Thinner (SP-12) (only cleaning tools)
THINNING RATE	5~10% (by wt, cleaning tools excluded)
PRECEDING COATS	Steel: No.1006 Epoxy Zinc Rich Primer (EP-03) No.1075 Epoxy Aluminum Tripolyphosphate Primer Concrete: No.1073 Epoxy Clear Cement Primer No.1002 Epoxy Primer, white
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. The surface of cement wall or cement products must be thoroughly dried then can be applied.</li><li>6. When overcoating interval is exceeded, paint surface must be roughened to ensure adhesion.</li></ol>

EPDM101017XX V1.2

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