



# RAINBOW

## EPOXY VARNISH

PRODUCT NUMBER	1010
TYPE	A two-pack, waterproof and alkalis resistance clear paint based on epoxy resin and hardener.
USES	Used for cement wall, cement pipelines and cement products.
CHARACTERISTICS	<ol style="list-style-type: none"><li>1. Excellent resistance to water, sea water and sewage.</li><li>2. Excellent resistance to acids and alkalis.</li><li>3. Tough and hard film with very good adhesion.</li><li>4. Excellent resistance to mechanical damage.</li></ol>
COLOR	Transparent liquid
MASS DENSITY	Above 1.0 Kg/L (mixture)
VISCOSITY	60~80 KU (mixture, 25°C)
DRYING TIME	Set-to-touch 2 hrs. Dry hard 10 hrs. Fully cured 7 days (25°C)
OPTIMUM FILM THICKNESS	Wet 45 microns Dry 25 microns
THEORETICAL COVERAGE	84.0 m <sup>2</sup> /Gal 22.2 m <sup>2</sup> /L 22.2 m <sup>2</sup> /Kg
OVERCOATING INTERVALS	Min. 12 hrs. Max. 5 days (25°C) or 3 days(30°C)
MIXING RATIO	Base : hardener = 83.3 : 16.7 (by wt.)
NON-VOLATILE CONTENT	Above 55% (mixture)
POT LIFE	4 hrs. (mixture, 25°C)
THINNER	No.1005 Epoxy Thinner (SP-12)
THINNING RATE	10~25% (depending on substrate)
PRECEDING COATS	No.1073 Epoxy Clear Cement Primer
SUBSEQUENT COATS	No.1001 Epoxy Topcoat (EP-04)
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><li>7. The paint film exposed to the sun for a long-term does have yellowing and chalking phenomenon that is without affect the quality of paint film.</li></ol>

EPDM101010XX V1.0

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