



# RAINBOW

## EPOXY PRIMER, WHITE

PRODUCT NUMBER.	1002
TYPE	A two-pack, white primer based on epoxy resin and hardener with titanium dioxide.
USES	Used for concrete walls and machinery equipments
CHARACTERISTICS	<ol style="list-style-type: none"><li>1. Tough and hard film, rich flexible and adhesion.</li><li>2. Excellent resistance to water and sea water.</li><li>3. Excellent resistance to oils, solvents and chemicals.</li><li>4. Excellent abrasion resistance.</li><li>5. Can smooth the rough surface of concrete.</li></ol>
FINISH	Flat
COLOR	White
HIDING POWER	Above 5 m <sup>2</sup> /L (mixture)
MASS DENSITY	Above 1.45Kg./L (mixture, 25°C)
VISCOSITY	70~ 90 KU (mixture)
DRYING TIME	Set-to-touch 1 ½ hrs.    Dry hard 6 hrs.    Fully cured 7 days. (25°C)
OPTIMUM FILM THICKNESS	Wet 100 microns    Dry 40 microns
THEORETICAL COVERAGE	38.0 m <sup>2</sup> /Gal    10.0 m <sup>2</sup> /L    7.76 m <sup>2</sup> /Kg.
OVERCOATING INTERVALS	Min. 8 hrs.    Max. 60 days (25°C)
MIXING RATIO	Base : hardener = 92 : 8 (by wt.)
NON-VOLATILE CONTENT	Above 70% (mixture)
POT LIFE	8 hrs. (mixture, 25°C)
HEAT RESISTANCE	Continuous 93°C    Intermittent 121°C
THINNER	No.1005 Epoxy Thinner (SP-12)
THINNING RATE	5~10% (cleaning tools excluded)
SUBSEQUENT COATS	Epoxy, PU, CR or Vinyl system
STORAGE SHELF LIFE	Minimum 1 year under normal storage conditions.
APPLICATION METHOD	Brush, Airless spray, Roller and Air spray.
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 humidity above 85% RH, 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></ol>

EPDM101002XX V1.0

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