



# RAINBOW

## EPOXY GENERAL PURPOSE PRIMER

PRODUCT NUMBER	SP-47 (EP-111)
TYPE	Two-pack, general purpose anticorrosive paint based on high solids epoxy resin.
USES	General purpose anticorrosive primer for marine hulls, topsides, boottops and bottoms.
CHARACTERISTICS	<ol style="list-style-type: none"><li>1. Can coat or be coated with various types of coating and is the best maintenance and green paint.</li><li>2. Tough and flexible film with excellent abrasion resistance.</li><li>3. Excellent resistance to sea water and most chemicals.</li><li>4. Excellent corrosion resistance and very good adhesion.</li><li>5. Multi-purpose paint as a topcoat or primer.</li></ol>
FINISH	Flat
COLOR	Brown, Silver, Gray, Green, Blue
FLASH POINT	Above 14°C (57°F)
SPECIFIC GRAVITY	Above 1.4 Kg/L (mixture)
VISCOSITY	95 ~ 115 KU (mixture, 25°C)
DRYING TIME	Set-to-touch 1 hr. Dry hard 6 hrs. Fully dried 7 days (25°C)
OPTIMUM FILM THICKNESS	Wet 160~240 microns (6.4 ~ 9.6 mil) Dry 100~150 microns (4 ~ 6 mil)
VOLUME SOLIDS	62.5 %
THEORETICAL COVERAGE	23.7 m <sup>2</sup> /Gal 6.25 m <sup>2</sup> /L @ 100μ
OVERCOATING INTERVALS	Min. 4 hrs. Max. 7 days (Alkyd) 15 days (CR / Oleoresinous Paint) 30 days (Epoxy / PU)
MIXING RATIO	Base : Hardener = 94 : 6 (by wt.)
POT LIFE	2 hrs. (mixture, 25°C)
THINNER	No.1005 Epoxy Thinner (SP-12)
THINNING RATE	0~5 % (by wt.)
PRECEDING COATS	No.1021 Cathozinc Shop Primer (SP-09) No.1006 Epoxy Zinc Rich Primer (EP-03) No.1011 Inorganic Zinc Rich Primer (IZ-01)
SUBSEQUENT COATS	Epoxy, Vinyl, CR, PU or Antifouling paints
STORAGE SHELF LIFE	Minimum 1 year under normal storage conditions.
APPLICATION METHOD	Airless Spray, Brush, Roller
FOR AIRLESS SPRAY	Tip Size 0.021" ~ 0.029" Air Pressure 5~6 Kg/cm <sup>2</sup> Pump Ratio 33 : 1 or greater
NOTE	<ol style="list-style-type: none"><li>1. Mix base and hardener according to the mixing ratio and stir thoroughly.</li><li>2. All equipments must be cleaned immediately after use.</li><li>3. When used inside tanks, sufficient ventilation must be provided.</li><li>4. First coat must use silver paint in underwater to enhance the effects of cathode corrosion resistance.</li></ol>

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