



# RAINBOW

## EPOXY UNIVERSAL PRIMER

PRODUCT NUMBER	SP-49
TYPE	The anti-corrosive paint based on epoxy resin and special hardener with anti-corrosive pigment.
USES	Universal primer for steel and non-ferrous metal substrates.
CHARACTERISTICS	<ol style="list-style-type: none"><li>1. Tough and flexible film.</li><li>2. Very good adhesion with the substrates of steel, hot-dip galvanization and non-ferrous metal etc.</li><li>3. Very good resistance to water, sea water, gasoline and chemicals.</li><li>4. Can cure in above 5°C.</li><li>5. Can be finished the CR, vinyl paints, and have long over-coating intervals with epoxy and polyurethane paints.</li><li>6. Suitable for welding places and assembly breakage to maintain, or as a primer while do the wet sand blast.</li></ol>
COLOR	Yellow
FINISH	Flat
HIDING POWER	Above 5 m <sup>2</sup> /L
SPECIFIC GRAVITY	Above 1.3 Kg/L (mixture)
VISCOSITY	70 ~ 90 KU (mixture)
DRYING TIME	Set-to-touch 1 hr. Dry hard 2 hrs. Fully cured 7 days (25°C)
OPTIMUM FILM THICKNESS	Wet 88~175 microns Dry 50~100 microns
VOLUME SOLIDS	57%
THEORETICAL COVERAGE	43.0 m <sup>2</sup> /Gal 11.4 m <sup>2</sup> /L @ 50μ
OVERCOATING INTERVALS	CR / Vinyl : Min. 3hrs. Max. 7 days (30°C) Epoxy / PU : Min. 6 hrs. Max. 2 months (30°C)
MIXING RATIO	Base : Hardener = 86 : 14 (by wt., please follow the mixing direction of drum.)
POT LIFE	6 hrs. (25°C)
THINNER	No.1005 Epoxy Thinner ( SP-12 )
THINNING RATE	5 ~ 10% (cleaning tools excluded)
SUBSEQUENT COATS	Epoxy, PU, Vinyl, CR topcoats
STORAGE SHELF LIFE	Minimum 3 years under normal storage conditions.
APPLICATION METHOD	Airless Spray, Air Spray, Brush, Roller
NOTE	<ol style="list-style-type: none"><li>1. Mix base and hardener according to the mixing ratio and stir thoroughly before use.</li><li>2. Adhered moisture, grease, dirt, damaged or loose old paint and corrosive salts on substrate must be cleaned thoroughly. Then steel surface must be treated to above SIS Sa 2 1/2.</li><li>3. Avoid applying the paint in rainy, humid exceed 85% RH or substrate temperature low to dew point 3°C.</li><li>4. All equipments must be cleaned immediately after use.</li><li>5. When used inside tanks, sufficient ventilation must be provided.</li></ol>

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