



RAINBOW

EPOXY RED OXIDE PRIMER

PRODUCT NUMBER	1009 (EP-02)
TYPE	A two-pack, anti-corrosive intermediate primer based on epoxy resin and hardener with red oxide pigment.
USES	Used for steel structures, such as bridges, steel frame, storage tanks, plant facilities etc.
CHARACTERISTICS	<ol style="list-style-type: none">1. Excellent resistance to water and sea water.2. Excellent resistance to mechanical damage.3. Excellent resistance to oils, solvents and corrosion.4. Tough and hard film with very good adhesion.5. Relative low cost.
FINISH	Flat
COLOR	Reddish brown
HIDING POWER	Above 15 m ² /L (mixture)
MASS DENSITY	Above 1.45 Kg/L (mixture)
VISCOSITY	75~85 KU (mixture, 25°C)
DRYING TIME	Set-to-touch 1 hr. Dry hard 10 hrs. Fully cured 7 days (25°C)
OPTIMUM FILM THICKNESS	Wet 85 microns Dry 45 microns
THEORETICAL COVERAGE	44.5 m ² /Gal 11.76 m ² /L 8.1 m ² /Kg
OVERCOATING INTERVALS	Min. 8 hrs.
MIXING RATIO	Base : hardener = 92 : 8 (by wt.)
NON-VOLATILE CONTENT	Above 65% (mixture)
POT LIFE	5 hrs. (mixture, 25°C)
THINNER	No.1005 Epoxy Thinner (SP-12)
THINNING RATE	0~5% (cleaning tools excluded)
PRECEDING COATS	No.1006 Epoxy Zinc Rich Primer (EP-03) No.1011 Inorganic Zinc Rich Primer (IZ-01)
SUBSEQUENT COATS	Epoxy, Vinyl, Chlorinated Rubber or PU system
STORAGE SHELF LIFE	Minimum 1 year under normal storage conditions.
APPLICATION METHOD	Airless Spray, Brush
NOTE	<ol style="list-style-type: none">1. Mix base and hardener according to the mixing ratio and stir thoroughly then keep static about 10~20 minutes before use.2. Adhered moisture, grease, dirt, dust, rust and corrosion salts on substrate must be removed thoroughly.3. Avoid applying the paint in rainy weather or relative humidity exceeded 85%, particularly a wet surface must be thoroughly dried.4. All equipment must be cleaned immediately after use.5. When used inside tanks, sufficient ventilation must be provided.

EPDM101009XX V1.0

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