



RAINBOW

EPOXY ZINC RICH PRIMER, HZ

NO	EP-03AAHZ
TYPE	A two-pack, zinc rich epoxy primer based on epoxy. Resin, Polyamide hardener and high zinc content.
USES	The primer for protection of chemical plant, power plant, oil refineries, ship, bridges, tanks and general steel constructions, etc.
CHARACTERISTICS	<ol style="list-style-type: none">1. Very fast drying with excellent adhesion.2. Excellent resistance to mechanical damage.3. Excellent resistance to sea water, weathering and abrasion.4. Complied with the CNS 4936 K2087 second type, with zinc content in dry film exceeding 85%.5. Very good resistance to galvanic action.6. Excellent protection for steel.
APPLICATION METHOD	Airless Spray · Air Spray · Brush
COLOR	Gray
FINISH	Flat
SPECIFIC GRAVITY	Above 2.0 kg/L (Mixture)
DRYING TIME (25°C)	Set-to-touch 30 mins. Dry hard 8 hrs. 32°C 21°C 10°C 0°C 4 hrs. 8 hrs. 16 hrs. 48 hrs.
OVERCOATING INTERVALS	
OPTIMUM FILM THICKNESS	Wet 94 ~ 139 microns Dry 50 ~ 75 microns
SOLID CONTENT	Above 75% (Mixture)
VOLUME SOLIDS	Above 55% (Mixture)
THEORETICAL COVERAGE	10.9 m ² /L 40.1 m ² /GL 5.5 m ² /Kg @ 50 μ/DFT
THINNER	No.1005 Epoxy Thinner (SP-12)
THINNING RATE.	5 ~ 10 % (by wt.)
SUBSEQUENT COATS	Vinyl, Chlorinated Rubber, Epoxy or Polyurethane system paints.
STORAGE SHELF LIFE	Minimum 1 year under normal storage conditions.
MIXING RATIO	Base : Hardener = 91.7 : 8.3 (by wt.)
POT LIFE	8 hrs. (Mixture) (25°C)
NOTE	<ol style="list-style-type: none">1. Pour the hardener into the base with constant stirring. After all the hardener is added and then pass through 80-mesh filter.2. The loose white materials such as zinc oxide, zinc hydroxide or zinc carbonated, etc. formed on weather exposed film should be removed before subsequent coating.3. Grease, moisture, dust, floating rust, etc. on the iron surface must be derusted by sand blasting to SSPC-SP-10 or SIS Sa 2 1/2 and up before coating.4. When use inside tanks, sufficient ventilation must be provided.5. Keep stirring during application.

EPDM421027X1 V1.0

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