



RAINBOW

HIGH SOLIDS EPOXY COATING

PRODUCT NUMBER	1061H (EP-999H)
TYPE	A two-pack, multipurpose high solids coating based on special epoxy resin and hardener with chemical resistance pigment and rust conversion agent for dual-use as a topcoat or primer.
USES	Used for the cement products, galvanized steel and the steel structures of bridge, storage tank, pipeline, ship etc.
CHARACTERISTICS	<ol style="list-style-type: none">1. The best green paint, low solvent content and low pollution.2. With special resin and rust conversion agent, the wettability of steel surface, and the permeability of corrosive surface, and the adhesion are particularly outstanding.3. High solid content, it can be coated in or can be coated with a variety of coatings.4. Tough and hard film, excellent abrasion resistance, also suitable as a floor coating.5. Excellent resistance to water and sea water, also suitable for tank lining.6. Excellent resistance to oils, solvents and chemicals7. The power or manual tools can be used to remove the rust in the situation that had no sand blasting equipment.8. If want to keep the bright paint film, the recommendation is to coat one layer of PU finish.
FINISH	Semi-gloss
COLOR	Silver or desired colors
VISCOSITY	100~130 KU (mixture)
MASS DENSITY	Above 1.4 Kg/L (mixture, depending on colors) (Silver : 1.10 Kg/L)
DRYING TIME	Set-to-touch 6 hrs. Dry hard 20 hrs. Fully dried 7 days (25 °C)
FILM THICKNESS	Wet 120~300 microns Dry 100~250 microns
THEORETICAL COVERAGE	30.3 m ² /Gal 8.0 m ² /L 5.71 m ² /Kg. (@100 μ)
OVERCOATING INTERVALS	Min. 14 hrs. Max. 7 days (No.1061H/No.745) or 3 months (No.1061H/No.1061H) .
MIXING RATIO	Base: Hardener = 50: 50 (by wt.)
VOLUME SOLIDS	83% (mixture) (Silver : 88%)
HEAT RESISTANCE	Continuous 38°C (wet) 93°C (dry) intermittent 180°C
POT LIFE	2 hrs. (mixture)
THINNER	No. 1005 Epoxy Thinner (SP-12)
THINNING RATE	0~5% (by wt., cleaning tools excluded)
SUBSEQUENT COATS	PU or YungFlon system
PRECEDING COATS	Steel : No.1011 Inorganic Zinc Rich Primer (IZ-01) No.1027 Epoxy Zinc Rich Primer, AA (EP-03AA) Cement : No.1073 Epoxy Clear Cement Primer
STORAGE SHELF LIFE	Minimum 1 year under normal storage conditions.
APPLICATION METHOD	Airless Spray, Brush, Roller
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 to 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 humidity above 85% RH, particularly a wet surface must be thoroughly dried4. All equipment must be cleaned immediately after use.5. When used inside tanks, and sufficient ventilation must be provided.6. When overcoating interval is exceeded, paint surface must be roughened to ensure adhesion.7. The paint film exposed to the sun for a long-term does have chalking phenomenon that is without affect the quality of paint film.

EPDM10EP999H V1.0

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