



RAINBOW

EPOXY SILICONE COATING, 250

PRODUCT	No.1514
TYPE	Heat and chemical-resistant paint based on pure silicone & epoxy resin along with heat-resisting pigments.
USES	Heat-resisting and corrosion-inhibitive paint for steel pipe & buttress, bridges and plant facility w/ steel structure
CHARACTERISTICS	1. Tough film, excellent flexural strength and adhesion. 2. Excellent resistance to seawater, and chemical. 3. Excellent in resisting abrasion and electrical insulation. 4. Withstands heat up to 250 .
FINISH	50 %
COLOR	Black & dark green
HIDING POWER	Above 10 m ² /L (mixture)
WEIGHT	Above 1.1 Kg./L (mixture)
VISCOSITY (25)	70 – 85 KU
DRYING TIME (25)	Set-to-touch 2 hrs. Dry hard 6 hrs.. Fully cure 7 days
OPTIMUM FILM THICKNESS	Wet 100 microns Dry 40 microns
THEORETICAL COVERAGE	38 m ² /Gal 10.0 m ² /L 9.0 m ² /Kg
OVERCOATING INTERVALS (25)	Min. 8 hrs. Max. 5 days
MIXING RATIO	Base : Hardener = 85 : 15 (by weight)
NON-VOLATILE CONTENT	Above 60%
POT LIFE (25)	5 hrs. (mixture)
THINNER	No.1005 Epoxy thinner
PRECEDING COATS	No.1011 Inorganic Zinc Rich Primer (IZ-01)
STORAGE SHELF LIFE	Minimum 1 year under normal storage conditions.
APPLICATION METHOD	Airless Spray, Brush
NOTES	1. Mix base and hardener to meet specified ratio and stir it thoroughly. Remove moisture, grease, dirt, and rust, corrosive substances and other contaminants from surface. 2. Avoid apply the paint in rainy or humid weather, or relative humidity above 85 % RH. 3. After application, equipment must be cleaned thoroughly. 4. When application is carried out in closed tank, air ventilation equipment must be set up. 5. When re-coating interval exceeded, applied surface must be roughened again to improve its adhesion. 6.The paint is vulnerable toward sodium-hydroxide (NaOH) .

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