



RAINBOW

EPOXY UNDER WATER PRIMER

PRODUCT NUMBER	No.1087P
TYPE	A two-pack corrosion preventive coating based on special epoxy resin and hardener.
USES	Used for coast and harbor facilities, or for the steel of the underwater area.
CHARACTERISTICS	<ol style="list-style-type: none">1. Can easy brush to steel in water with good adhesion.2. Brushing have good shear strength suitably, blasting steel under water have good wetting and adhesion. Coating can be cured under water, it doesn't be washed away by seawater.3. Hard and tough film with excellent abrasion resistance, excellent resistance to water.4. 400 microns of dry film can be obtained by one coat brush.
APPLICATION METHOD	Brush
COLOR	Gray
FLASH POINT	Above 100°C
SPECIFIC GRAVITY	Above 2.2 Kg/L (mixture)
VISCOSITY	10000~15000 cps(25°C)
DRYING TIME	Set-to-touch 2 hrs. half dry 4 hrs. Dry hard 6 hrs. Fully cured 7days (25°C)
OVERCOATING INTERVALS	Min. 3 hrs. Max 3 days.
OPTIMUM FILM THICKNESS	WFT: 365 (microns) DFT: 350 (microns)
THEORETICAL COVERAGE	0.8 Kg/ m ² @ 350 um
THINNER	No.1005 Epoxy Thinner (SP-12) (Only for tools cleaned)
PRECEDING COATS	No.1087 Epoxy Under Water Coating
MIXING RATIO	Base : hardener = 90 : 10 (by wt.)
POT LIFE	40 minutes (mixture, 1Kg/25°C)
ADHESION	Brush on blasting steel on water: above 30Kg/cm ² Brush on blasting steel under water: above 12Kg/cm ²
STORAGE SHELF LIFE	Minimum 1 year under normal storage conditions.
NOTE	<ol style="list-style-type: none">1. Mix base and hardener according to the mixing ratio and stir thoroughly.2. The coating surface attach halobios easily under water, all halobios must be cleaned thoroughly when brush on the second day, or it may affect adhesion.3. Brushing with short bristle brush have good shear strength and wetting effect under water.4. Pot life is 40 minutes (mixture, 1Kg/25°C), mixing too much may have bad construction.

EPDM101087PX V1.1

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