



RAINBOW

RAINBOPRIME 806

PRODUCT NUMBER 30806
 TYPE Two component multi-purpose polyamide cured anticorrosive pure epoxy system.
 CHARACTERISTICS

1. General purpose epoxy primer/coating in protective coating systems for steel and non ferrous metals.
2. Good adhesion to steel and galvanized steel.
3. Cures at temperatures down to 5°C.
4. Good water and corrosion resistance.
5. Good flow and wetting properties.
6. Good adhesion to non ferrous metals.
7. Suitable for touching up of weld seams and damages of epoxy coatings during construction.
8. Suitable on wet blast cleaned substrates(damp or dry).

GLOSS Eggshell
 VOC Max. 319 g/L
 COLORS Grey, Brown
 PRODUCT WEIGHT colors Above 1.3 kg/L
 DRYING TIME Set-to-touch 2 hours Dry hard 6 hours (25°C)
 OPTIMUM FILM THICKNESS Wet 133~267µ (Micron) Dry 100~200µ (Micron)
 VOLUME SOLID 73 ±2%
 THEORETICAL COVERAGE 28.4 m²/Gal 7.5 m²/L@ 100µm
 OVERCOATING TABLE EPOXY system

Substrate temp.	5 °C	10 °C	20 °C	30 °C	40 °C
Minimum interval	15 hrs	9 hrs	4 hrs	2.5 hrs	1.5 hrs
Max interval (exposed to direct sunshine)	3 months	3 months	2 months	2 months	2 months
Max interval (not exposed to direct sunshine)	6 months	6 months	6 months	4 months	3 months

MIXING RATIO Base: Hardener = 16: 4 (by volume)
 POT LIFE 6 Hours (25°C)
 THINNER No.1005 Epoxy Thinner (SP-12)
 THINNER RATE The mixing temperature for the base and hardener should be performed at above 15°C. Or else thinner should be added in order to achieve application viscosity, too much thinner will result in sagging. Well mix the base and hardener before any thinner is added.
 RECOMMENDED SPEC. 0~2% (by bush and roller) 0~3% (Airless)
 SHELF LIFE Please refer the painting specification
 APPLICATION METHOD Minimum 2 years under normal storage condition
 NOTE Airless spray, Bush and Roller

1. **For immersion exposure:**
 - Steel or steel with not approved zinc silicate shop primer; blast cleaned (dry or wet) to ISO-Sa2½, blasting profile 30-75 µm.
 - Coated steel; hydrojetted to VIS WJ2 L (blasting profile 30-75 µm).
2. **IMO-MSC.215(82) Requirements for Water Ballast Tanks:**
 - Steel; ISO 8501-3:2006 grade P2, with all edges treated to a rounded radius of minimum 2 mm or subject to three pass grinding.
 - Dust quantity rating "1 for dust size class "3", "4" or "5", lower dust size classes to be removed if visible on the surface to be coated without magnification (ISO 8502-3:1992).
3. **For atmospheric exposure conditions:**
 - Steel; blast cleaned to ISO-Sa2½, blasting profile 30-75 µm.
4. Substrate temperature should be above 5°C and at least 3°C above dew point during application and curing.
5. Maximum relative humidity during application and curing is 85%.

EPDM3030806X V1.2

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