



RAINBOW

RAINBOPRIME 802

PRODUCT NUMBER 30802
 TYPE Two component polyamide cured epoxy primer.
 CHARACTERISTICS
 1. General purpose epoxy primer in protective coating systems for steel and non ferrous metals.
 2. Good adhesion to steel and galvanized steel.
 3. Good adhesion to non ferrous metals.
 4. Good water and corrosion resistance.
 5. Good flow and wetting properties.
 6. Cures at temperatures down to +5°C.
 7. Suitable for touching up of weld seams and damages of epoxy coatings during construction.
 8. Excellent recoatability.

GLOSS Gloss
 COLORS Yellowish green
 VOC 438 g/L
 PRODUCT WEIGHT Above 1.3 kg/L
 DRYING TIME Set-to-touch 2 hrs Dry hard 4 hrs (25°C)
 OPTIMUM FILM THICKNESS Wet 82~164µ (Micron) Dry 50 ~ 100µ (Micron)
 VOLUME SOLID 61±2 %
 THEORETICAL COVERAGE 23 m²/Gal 6.1 m²/L @ 100µ
 OVERCOATING TABLE EPOXY system:

Substrate temp.	5 °C	10 °C	20 °C	30 °C	40 °C
Minimum interval	36 hrs	16 hrs	8 hrs	6 hrs	4 hrs
Maximum interval (exposed to direct sunshine)	3 months	3 months	3 months	2 months	2 months
Maximum 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 (20°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.
 0~2% (by bush and roller) 0~3% (Airless)

RECOMMENDED SPEC. Please refer the painting specification
 SHELF LIFE Minimum 2 years under normal storage condition
 APPLICATION METHOD Airless spray, Bush and Roller
 NOTE
 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. **For atmospheric exposure conditions:**
 • Steel; blast cleaned to ISO-Sa2½, blasting profile 30-75 µm.
 3. Substrate temperature should be above 5°C and at least 3°C above dew point during application and curing.
 4. Maximum relative humidity during application and curing is 85%.

EPDM3030802X V1.0

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