## **RAINBOPRIME 808**

PRODUCT NUMBER

**CHARACTERISTICS** 

30808

**TYPE** 

Two component multi-purpose polyamide cured anticorrosive epoxy system.

1. General purpose epoxy primer in protective coating systems for steel metals.

2. Good adhesion to steel

3. Cures at temperatures down to  $5^{\circ}$ C.

4. Good water and corrosion resistance. 5. Good flow and wetting properties.

6. Excellent recoat ability.

7. Suitable for application to slightly damp condition

**GLOSS** semigloss **COLORS** Brown&grey VOC Max. 280 g/L PRODUCT WEIGHT Above 1.4 kg/L

VISCOSITY Above 110 KU (mixture, 25°C) Above 23°C (mixture) **FLASH POINT** 

Set-to-touch 2 hrs Dry hard 6 hrs (25°C) **DRYING TIME** 

Wft  $130 \sim 195\mu$  (Micron) Dft 100 ~ 150µ (Micron) **OPTIMUN FILM THICKNESS** 75+2 %

**VOLUME SOLID** 

THEORETICAL COVERAGE

**OVERCOATING TABLE** 

(Dft 100 ~ 150µ) 19.3~29.0 m²/Gal **EPOXY** system

Base: Hardener=84:16 (by volume)

Substrate temp.	5 ℃	10 ℃	20 ℃	30 ℃	40 °C
Minimum interval	18hr	14hr	6hr	4hr	2.5hr
Max interval (exposed to direct sunshine)	3 mon	2.5mon	2mon	1mon	14day
Max interval (not exposed to direct sunshine)	6 mon	5 mon	3 mon	2 mon	21day

MIXING RATIO

**POT LIFE** 

**THINNER** 

THINNER RATE

No.1005 Epoxy Thinner (SP-12)

4 hours (25°C)

The mixing temperature for the base and hardener should be performed at above 15℃. Or else thinner should be added in order to achieve application viscosity, too much thinner will result in

Epoxy finish coat (An extra coat of Polyurethane can overcoat with epoxy finish coat )

sagging. Well mix the base and hardener before any thinner is added.

 $3\sim10\%$  (by bush and roller)  $5\sim15\%$  (Airless)

RECOMMENDED TOPCOAT

SHELF LIFE

APPLICATION METHOD

NOTE

Minimum 2 years under normal storage condition

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. 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%.

EPDM3030808X V1.1

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