RAINBOPRIME 802LT

Multipurpose Polyamide Cured Epoxy (Low-Temp)

PRODUCT NUMBER

RAINBOPRIME 802LT

TYPE

Two component polyamide cured epoxy primer.

CHARACTERISTICS

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

2. Good adhesion to steel and galvanized steel.

3. Good water and corrosion resistance.

4. Good flow and wetting properties.

5. Suitable for touching up of weld seams and damages of epoxy coatings during construction.

Dry $50 \sim 100\mu$ (Micron)

6. Excellent recoatability.

GLOSS

Yellowish green

COLORS VOC

438 g/L

Gloss

PRODUCT WEIGHT

Above 1.3 Kg/L

DRYING TIME

Set-to-touch 3 hrs Dry hard 4 hrs $(10^{\circ}C)$

OPTIMUN FILM THICKNESS

Wet 82 ~ 164µ (Micron)

61±2 %

VOLUME SOLID THEORETICAL COVERAGE

23 m³/Gal 6.1 m²/L @ 50µ

OVERCOATING TABLE

EPOXY system

Substrate temp.	-10°C	-5 ℃	0℃	5℃	10℃	15℃
Minimum interval	48 hrs	24 hrs	16 hrs	12 hrs	8 hrs	6 hrs
Maximum interval	3	3	3	2	2	1
(exposed to direct sunshine)	months	months	months	months	months	months
Maximum interval	2	2	2	4 41	4	1
(not exposed to direct sunshine)	months	months	months	1 months	1 months	months

MIXING RATIO

Base: Hardener=16:4 (by volume)

POT LIFE

8 Hours (20°C)

THINNER

No.1005 Epoxy Thinner (SP-12)

THINNER RATE

The mixing temp. 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.

 $0 \sim 2\%$ (by bush and roller)

 $0 \sim 3\%$ (Airless)

RECOMMENDED SPEC.

Please refer the painting specification

SHELF LIFE

Airless spray, Bush and Roller

APPLICATION METHOD NOTE

- 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:

Minimum 2 years under normal storage condition

- Steel; blast cleaned to ISO-Sa21/2, blasting profile 30-75 µm.
- 3. Substrate temperature should be above 5℃ and at least 3℃ above dew point during application and curing.
- Maximum relative humidity during application and curing is 85%.

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