RAINBOPRIME 807

Cargo-Hold Epoxy Coating

RAINBOPRIME 807 PRODUCT NUMBER

TYPE Two components polyamide cured epoxy coating.

CHARACTERISTICS 1. Good adhesion to steel.

2. Good water and corrosion resistance.

3. Recommended for cargo-Hold (carriage of dry food).

4. Excellent anti-sag property.

5. High solids product.

6. Compliant with USA, FDA Title 21, Part 175.300 for dry solid.

GLOSS Semi-gloss

Brown, Gray COLORS

VOC 248 q/L **DENSITY** 1.4 kg/L

DRYING TIME Set-to-touch 2 hrs Dry hard 12 hrs $(25^{\circ}C)$

Wet $69\sim222\mu m$ Dry 50 ~ 160µm **OPTIMUN FILM THICKNESS**

VOLUME SOLID 72±2 %

THEORETICAL COVERAGE 17 m²/Gal 4.5 m/L @ DFT: 160µm

OVERCOATING TABLE EPOXY system:

Substrate temp.	5 ℃	10 ℃	20 ℃	30 ℃	40 ℃
Minimum interval	48 hrs	32 hrs	16 hrs	12 hrs	6 hrs
Maximum interval	28 days	28 days	28 days	14 days	7 days

Base: Hardener=16:4 (by volume) MIXING RATIO

2 Hours (25°C) POT LIFE

No.1005 Epoxy Thinner (SP-12) **THINNER**

The mixing temperature for the base and hardener should be performed at above 15℃. or else THINNER RATE

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.

 $0 \sim 5\%$ (by bush and roller) 5~15% (Airless)

RECOMMENDED SPEC. Please refer the painting specification

Minimum 2 years under normal storage condition SHELF LIFE

APPLICATION METHOD Airless spray, Bush and Roller

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:
 - Steel; blast cleaned to ISO-Sa2½, blasting profile 30-75 μm.
- Substrate temperature should be above 5°C and at least 3°C above dew point during application and curing.
- Maximum relative humidity during application and curing is 85%.

EPDM3030807X V1.1

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