



RAINBOW

RAINBOPRIME 807

PRODUCT NUMBER 30807
 TYPE Two component polyamide cured epoxy coating.
 CHARACTERISTICS

1. Compliant with USA, FDA Title 21, Part 21, Part 175.300 for dry solid.
2. Good adhesion to steel.
3. High solids product.
4. Good water and corrosion resistance.
5. Recommended for cargo tank(carriage of dry food).
6. Excellent recoatability.

GLOSS Semi-gloss
 COLORS Brown, Gray
 VOC 177 g/L
 PRODUCT WEIGHT Above 1.4 kg/L
 DRYING TIME Set-to-touch 2 hrs Dry hard 12 hrs (25°C)
 OPTIMUM FILM THICKNESS Wet 62~200µm (Micron) Dry 50~160µm (Micron)
 VOLUME SOLID 80±2 %
 THEORETICAL COVERAGE 19 m²/Gal 5 m²/L @ 160µ

OVERCOATING TABLE

EPOXY system:

Substrate temp.	10 °C	20 °C	30 °C	40 °C
Minimum interval	24 hrs	12 hrs	6 hrs	4 hrs
Maximum interval	7 days	5 days	3 days	2 days

MIXING RATIO Base : Hardener = 16 : 4 (by volume)
 POT LIFE 2 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.
 0~5% (by brush and roller) 5~15% (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 30-75µm).
2. For atmospheric exposure conditions:
 - Steel; blast cleaned to ISO-Sa2½, blasting profile 30-75µm.
3. Substrate temperature should be above 10°C and at least 3°C above dew point during application and curing.
4. Maximum relative humidity during application and curing is 85%.

EPDM3030807X V1.0

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