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EPOXY RED OXIDE PRIMER

PRODUCT CODE:

- BP0421

DESCRIPTION

- A two pack anti-corrosive primer based on epoxy cured with polyamide with red iron oxide inhibitive pigments.

CHARACTERISTICS

- Tough film and good adhesion.
- Good resistance to water, brine and chemicals.
- Good abrasion and impact properties.
- Inexpensive.

USAGE

- As a primer for steel structure, tank and bridge.

BASIC DATA

- COLOR: Redish, brown.
- HIDING POWER: approx 15M^2/L (mix material).
- GLOSS: Flat.
- SPEC GRAVITY: approx 1.4Kg/L (mix material).
- VISCOSITY (25℃): 70-85 KU (mix material).
- DRYING TIME (25℃): Tack-free: 1 hr; hardness: 6 hrs; fully cure: 7 days.
- SOLID(%VOL): approx 49%.
- MIXING RATIO: Base : Hardener 7.5 : 1 (BY WT).
- SUGGESTED THINNER: SV-5500 (Epoxy Thinner).
- APPLICATION: Airless spray, air spray, brushing and rolling.
- POT LIFE (25℃): 8 hrs (mix material)
- RECOMMENDED DFT.: 40-60 µm (per coat).
- COVERAGE (THEOR.): 37M^2/Gal @50µm.
- SUITABLE COAT:
  - Topcoat: BP0451, BP0351, BP0251 …and so on;
  - Primer: BP0345, BP0416 …and so on.
- COATING INTERVAL: 8 hrs to extended.
- SHELF LIFE: In normal condition, one year, at least.

REMARKS

- Mix base and hardener by the mixing ratio and stir thoroughly, then setting at least 15 minutes.
- Thinner may be used to reduce viscosity.
- Two packs product, must be used completely during the duration of its pot life.

- Remove all foreign particles, oils, grease, rust and moistures from the surface before application.
- Don't apply when the temperature is below 10℃, over 40℃, moisture is over 85% or the surface temperature of substrate is not higher than the dew point for at least 3℃.
- If the coating interval is exceeded, the surface of base coat must be roughened to insure adhesion.
- Keep away from heat, sparks and flame.
- Stored with good ventilation.
- Keep adequate ventilation during application
- The actual coverage may vary, depending on application technique, job conditions and type of surface. Under brushing & rolling application the actual coverage is estimated at 70% of the theoretical coverage, and 60% for spraying.
- When exceeding the specified overcoat duration, the to-be painted surface must be prepared by proper surface treatment to ensure adequate adhesion between coatings.

NOTICE

- The parts of data base above could be affect by application condition at job site, please reference guide specification or contact with relative technical personnel.
- The basic date may vary from color or gloss.
- Revision Date:2022.03.29.

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