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EPOXY RESIN ALUMINUM TRIPOLYPHOSPHATE ANTICORROSIVE PRIMER

PRODUCT CODE:

- BP0401

DESCRIPTION

- A primer based on epoxy with polyamide and pigmented with inhibitive aluminum tripolyphosphate.

CHARACTERISTICS

- A tough film with good adhesion.
- Good anti-corrosion property, non-toxic.
- Good abrasive and impact-resistant properties.
- Good resistance to chemicals in combination with epoxy finish.
- Meet CNS K2202 specification.

USAGE

- As a primer for steel structure, tank, bridge or non-iron metal.

BASIC DATA

- COLOR : Brown, grey, white.
- HIDING POWER : 8M^2/L minimum.
- GLOSS : Flat.
- SPEC GRAVITY : approx 1.35 kg/L. (mix material, depend on different color)
- VISCOSITY (25℃) : 70-85 KU (mix material).
- DRYING TIME (25℃) : Tack-free: 1 hrs; hardness: 12 hrs; Complete cure: 7 days.
- SOLID (%VOL) : approx 59%. (depend on different color)
- MIXING RATIO : Base : Hardener = 7.5 : 1 (BY WT).
- SUGGESTED THINNER : SV-5500. (Epoxy Thinner)
- APPLICATION : Brushing, rolling, air-spray, airless-spray.
- POT LIFE (25℃) : 8 hrs.
- RECOMMENDED DFT. : 40-60 μm (per coat).
- COVERAGE (THEOR.) : 45M^2/Gal @50μm.
- SUITABLE TOPCOAT : BP0451, BP0351, BP0251 …and so on.
- COATING INTERVAL : 8 hrs extended.
- SHELF LIFE (25℃) : 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.

- Remove all foreign particles, oils, grease, rust and moistures from the surface before application.
- Two packs product, must be used completely during the duration of its pot life.
- 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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