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EPOXY FINISH COATING

PRODUCT CODE:

- BP0451

DESCRIPTION

- A finish coating based on epoxy resin with good weathering and chemical-resistance pigments.

CHARACTERISTICS

- A tough film with good adhesive ability.
- Good abrasion resistance and insulating properties.
- Good resistance to water and sea water.
- Good resistance to oils, solvents and chemicals.

USAGE

- Suitable for protecting masonry or steel structures.

BASIC DATA

- COLOR: Available for a wide range of colors.
- HIDING POWER: White 10M^2/L; red, yellow, blue, green 8M^2/L; black 20M^2/L; others 12.5M^2/L minimum. (mix material)
- GLOSS: Glossy, Semi-gloss, Flat and Matte.
- SPEC GRAVITY: approx 1.1Kg/L (depend on different color).
- VISCOSITY (25℃): 60-75 KU (mix material).
- DRYING TIME (25℃): Tack-free: 2 hrs; hard-dry: 8 hrs; fully cure: 7 days.
- SOLID(%VOL): approx 44% (depend on different color and gloss).
- MIXING RATIO: Base : Hardener = 4 : 1 (BY WT) (depend on different color and gloss).
- 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.): 33M^2/Gal @50μm.
- SUITABLE PRIMER: BP0401, BP0411, BP0416, BP0421, A-666, epoxy, inorganic zinc primer…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.

- Remove all foreign particles, oils, grease, rust and moisture 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℃.
- Keep away from heat, sparks and flame.
- Stored with good ventilation.
- Keep adequate ventilation during application.
- When exceeding the specified overcoat duration, the to-be painted surface must be prepared by proper surface treatment to ensure adequate adhesion between coatings.
- 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.

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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