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CNS K2087 EPOXY ZINC RICH PRIMER

PRODUCT CODE:

- BP4151

DESCRIPTION

- The organic zinc rich primer based on polyamide cured epoxy pigmented with zinc dust packed in two containers.

CHARACTERISTICS

- Good corrosion resistance.
- Good resistance to oils, solvents.
- Easy to apply with good adhesion.
- Quality meeting with CNS K2087.

USAGE

- As a protective primer for marine, bridge, storage tanks etc.

BASIC DATA

- COLOR: Grey.
- GLOSS: Flat.
- SPEC GRAVITY: approx 2.0 kg/L (after mixing).
- VISCOSITY (25℃): 75-95 KU (after mixing).
- DRYING TIME (25℃): Tack-free: 10 min; hardness 8 hrs; complete cure: 7 days.
- SOLID(%VOL): approx 44%.
- MIXING RATIO: Base : Hardener = 9 : 1 (BY WT).
- SUGGESTED THINNER: SV-5500 (Epoxy Thinner).
- APPLICATION: Airless-spray, Air-spray, Brushing.
- POT LIFE (25℃): 8 hrs.
- RECOMMENDED DFT.: 40-60 μm (per coat).
- COVERAGE (THEOR.): 33M^2/Gal @50μm.
- SUITABLE TOPCOAT: BP0451, BP0459, BP0351, BP0251 or epoxy resin series…and so on.
- COATING INTERVAL: 8 hrs to extended.
- SHELF LIFE (25℃): In normal condition, one year, at least.

REMARKS

- Mix the base and the hardener thoroughly, some thinner is permitted if viscosity is too high.
- Put the hardener into the base and mix homogeneously, then use 80~100 mesh filter for filtration.
- The mixed paint must be applied during the pot life, otherwise it will occur gelling.

- Keep stirring during application.
- Avoid applying when the substrate temperature is not 3℃ higher than dew point, or humidity over 85%, or surrounding emperature below 10℃ or over 40℃.
- Keep good ventilation in closed place during application.
- Practical coverage depends on substrate, labor skill, application method and weather condition etc. Under brushing 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:2022.03.14.

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