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BERLIN EMERCOTE A-535

EPOXY ZINC PHOSPHATE PRIMER/POLYAMIDE CURED

DESCRIPTION

- Emercote A-535 is based on polyamide cured epoxy pigmented with anti-corrosive zinc phosphate, forming as anti-corrosive primer.

CHARACTERISTICS

- Good anti-corrosive ability.
- Good adhesion and abrasion resistance.
- Good resistance to oils, water and chemicals.
- Non-pollution.
- Quality meet CNS K2089 Class 1.

USAGE

- Suitable as a primer for steel structures at seashore and chemical industrial areas etc.

BASIC DATA

- PACKING: 2 packs
- COLOR: white ,brown, grey
- GLOSS: flat
- SP. GR.: approx. 1.5(25℃)
- VISCOSITY: 85~115KU (Mixed paint)
- SOLID (%VOL): approx. 50%
- THEORETICAL COVERAGE: 37 M^2/G @ 50μm
- DRYING(25℃): touch: 2hr; hardness: 12hrs; fully cure: 7 days
- HEAT RESISTANCE: 93℃
- SUITABLE:
  - TOPCOAT: Epoxy, PU
- SHELF LIFE: In normal condition, one year, at least

APPLICATION INSTRUCTION

- SURFACE TREATMENT: blasted to SIS Sa2 1/2
- MIXING RATIO: base/hardener = 7.5/1 (by wt.)
- INDUCTION TIME: 15 min. (25℃)
- APPLICATION METHOD: airless-spray, air-spray, brushing
- THINNER: SV-5500(Epoxy Thinner)
- THINNING /% BY VOL.: airless/0~10; air/5~25; brushing/0~10
- POT LIFE: 8 hrs (25℃)

- AIRLESS CONDITION:
  - pressure : 5 kg/cm^2
  - orifice : 0.019"~0.021"
- SUGGESTED DFT: 40~60 μm/coat
- INTERVAL BEFORE OVERCOAT:
  - Temp/ min.(hrs): 5℃/24; 20℃/12; 30℃/8; 40℃/6

REMARKS

- Practical coverage depends on substrate, labor skill, application method and weather conditions etc. Under brushing application the actual coverage is estimated at 70% of the theoretical coverage, and 60% for spraying.
- The substrate temperature should be 3℃ higher than dew point and humidity not over 85% and temperature between 10℃ and 40℃ during application.
- Mix up the base and the hardener homogeneously before use.
- The product must be stored in a good ventilative and cool place, and keep away from heat, sparks and flame.
- Painted surface shall be prepared by optimal method in accordance with paint maker suggested to get good adhesion between the films before overcoat.

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 anti-corrosion is a combined effect of a fully coating system. A single layer primer will reduce the effect of anti-corrosion, which is determined by the surrounding conditions. Nonetheless, this doesn't affect the adhesion of fire proofing paint or Spray-Applied Fire Resistive Materials (SFRM).
- The basic date may vary from color or gloss.
- Revision Date:2021.10.28.

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