BERLIN CO., LTD.
Since 1962
ISO-9001
ISO-14001
ISO-45001
CSR-GRIG4 AA1000
National Quality Award
National Award of Small and Medium Business
Testing Laboratory 2544

TYPE 300
SPRAY-APPLIED FIRE RESISTIVE MATERIALS

DESCRIPTION

- This TYPE 300 fire protection be maked by Berlin Co Ltd., which is the exclusive manufacturer and agent/distributor of Isolatek International in Taiwan.

CHARACTERISTICS

- Qualified with UL 263 (ASTM E119), CAN/ULC S101, and fire esistance ratings up to 4 hours.
- No asbestos, no styrene polymers.
- Qualified by Ministry of the Interior, and fire resistance ratings: 1 hour, 2 hours and 3 hours.
- Quick and easy construction, shortening the construction duration.
- Certified by LEED Credit low VOC emitting material.

USAGE

- For the fire protection of structural steel, including H-Section and hollow beams and columns steel.

BASIC DATA

- DRYING TIME: Depend on condition and thickness.
- POT LIFE: Above 3 hrs.
- MIXING RATIO: TYPE 300 : water = one bag / 24kg : 38~44L.
- SUGGEST THINNER: Potable water.
- APPLICATION: Special spray machine.
- RECOMMENDED DFT.: Reference to the thickness of the Ministry of the Interior approved the accreditation notification.
- COVERAGE (THEOR.): 90M^2/mm/24kg.
- SUITABLE COAT :
  - Topcoat: BP0451, BP4235, BP4448, BP4820…and so on;
  - Primer: BP4441, BP4466, BP4150, BP4151…and so on;or recognized in accordance with the original.
- COATING INTERVAL: The average thickness of the first spray is 13~16mm.
- SHELF LIFE : In normal condition, six months, at least. (25℃)

REMARKS

- Stir thoroughly, thinner may be used to reduce viscosity when application by spay.
- Remove all foreign particles, oils, grease 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℃.

- Don't to swallow.
- 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 trowelling, brushing & rolling application the actual coverage is estimatedat 70% & 60% for spraying of the theoretical coverage.
- When exceeding the specified overcoat duration, the to-be painted surface must be prepared by proper surface treatment to ensure adequate adhesion between coatings.
- Maintain good air circulation.

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:2024.08.27

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