



المعلومات الفنية

TECHNICAL DATA SHEET

SF-RAKAM EPOXY FLOOR PRIMER (CEMENT CLEAR)

PRODUCT CODE: RAKAM - 808-SF

DESCRIPTION

Rakam Epoxy Floor Primer (cement clear) is a solvent based two pack, low viscosity, epoxy based primer with excellent adhesion and penetration for concrete substrates.

TECHNICAL DATA

- Color of dry film : Clear
- Finish of dry film : Smooth
- Specific Gravity : 0.95±0.02
- Volume solids(ASTM D2697) : 34±2%
- Theoretical spreading rate : 11.33-8.5 M2/L
- Recommended DFT rang : 30-40 microns/Coat
- Recommended WFT range : 90-120 microns/Coat
- Flash point : 25°C

APPLICATION DATA

Surface preparation: All concrete surfaces must be sound and clean, free from oil, grease, dust and other contaminants. The laitance deposits should be removed using captive blasting, mechanical scrubbing, or grinding. The surface moisture content should be less than 5%. The concrete floor should be older than 28 days.

Mixing

Mix the contents of Part A followed by addition of Part B and stir until the mixture is homogeneous. Mix the material in the required ratio at the time of application and allow an induction time of 10 minutes before application.

- Application method : Brush/ Roller
- Spray : Conventional and Airless
- Airless Spray requirements
- Pressure :2200 - 2500psi
- Nozzle size :0.015" - 0.018"
- Cleaning/thinning :Rakam epoxy thinner
- Dilution: :0 to 10% depends on application
- Mixing ratio(volume) :Base:Hardener- 4:1
- Recommended system : 1coat
- Pot life@30°C : 15-20 minutes

CURING TIME

- Touch Dry @ 30°C : 3-6 hours
- Dry to recoat @ 30°C : 12-36 hours

RECOMMENDED USES

- It is recommended for application as:
- Primer for flooring and wall coating systems
- Suitable for old painted and new surfaces

HEALTH & SAFETY

- Avoid skin and eye contact by wearing overalls, gloves, goggles, and mask etc.
- Skin Contact: Clean with approved industrial cleaner first and then wash thoroughly with soap and water. Seek medical attention if any irritation persists.
- Eye contact: In the event of accidental splashes, flush eye with water and rinse thoroughly. Seek medical advice immediately.
- Avoid inhalation of vapors and paint mist by wearing suitable mask.
- In the event of ingestion seek medical attention immediately.



- Painting must be carried out in well-ventilated area.
- This product contains flammable materials and should be kept away from the sparks and open flames.
- Smoking in the area should not be permitted.
- Local safety regulations need to be followed.

HANDLING AND STORAGE

- Store the paint in proper storage conditions as per the local regulations. Keep the paint container in sealed condition under shed, away from direct sunlight and extreme temperatures.
- Do not keep paint material near to any ignition sources.
- Do not put back the half or unused material back in original container, containing the supplied paint, to avoid contamination.
- Handle with care.
- Stir well before use.

ADVANTAGES

- Easy to apply by roller, brush
- Improves adhesion of subsequent topcoats
- Highly penetrative, seals cavities and pinholes (minimizes outgassing)
- Excellent Wetting properties.

ADDITIONAL DATA

Shelf life @ 30°C is 24 months in original sealed container, with proper storage conditions.

