

ConFloor EP AM

Epoxy Self-Levelling Antimicrobial Flooring System

DESCRIPTION

ConFloor EP AM is a four component, Epoxy flooring system based on specially selected epoxy resins & hardeners to produce self-smoothing seamless, durable flooring system with antimicrobial protection.

ConFloor EP AM is available in standard colors and exhibit excellent hygienic properties.

USES

ConFloor EP AM is suitable for:

- Pharmaceutical Production Plants
- Laboratories
- Hospital Operation Theatres
- Medicine Warehouses
- De-Contaminable areas
- Food Industry
- Beverage Industry
- Meat Processing Industry
- Chemical Industries.

ADVANTAGES

- Seamless
- Durability
- Antimicrobial
- Easy to clean & sanitize
- Excellent adhesion
- Low maintenance

Technical Specs & Physical Properties

Appearance	Four Component Epoxy Flooring A = Base B = Hardener C = Aggregate D = Color Pack
Packing	18 Kgs. (4 Components)
Mixed Density	2.0 Kg./- Ltr.
Pot Life@20°C:	45 minutes
Recoat time@20°C:	18 Hrs.
Traffic Time Pedestrian:	24 Hrs.
Light vehicle:	48 Hrs.
Full Cure:	7 Days.
Temperature Resistance	-15 ⁰ to +60 ⁰
Shelf Life	12 Months at 10 ⁰ -30 ⁰ , stored in original packing under covered area.

APPLICATION INSTRUCTIONS

Surface Preparations:

All contacted surfaces must be free of oil, grease or other contamination which may inhibit bond. Any loose concrete should be removed and repaired to provide a solid foundation. The compressive strength of the floor substrate should not be less than 3,250 PSI. The moisture content of the substrate should not be higher than 5%.

Whole floor surface should be grinded to achieve smooth and solid surface. All existing

construction and expansion joints should be cleaned and treated before priming the substrate. Fill any holes or large depressions with an epoxy scratch coat to minimize any surface defects.

Mixing:

ConFloor EP AM is supplied in proportionate 4-component containers. Only full containers may be mixed.

1st of all add component A, in a mixing bucket. After stirring the A-component add component D and then B component is added and mixed for about 20-25 seconds using an electric stirrer (spiral stirrer). After adding the aggregate, component C, the mixture is stirred homogeneously for 1.5–2 minutes depending on ambient temperature.

Scratch Coat:

(Priming of Porous Substrates):

ConFloor EP AM is poured onto the properly prepared, vacuum grinded substrate and spread across the floor with a trowel.

Flooring:

ConFloor EP AM is poured onto the substrate and spread to a layer of required thickness with a trowel. Immediately following application, the flooring must be vented with a spiked roller. In order to avoid edges forming, adjoining areas must be laid within 20 minutes.

PACKAGING

ConFloor EP AM is supplied in 18 Kgs. Packing.

COVERAGE

Coverage 6 Kgs. Per M² /- 3 mm thickness.

STORAGE

ConFloor EP AM is epoxy based resin & it must be stored in the original unopened containers at 10^o C - 30^o C.

HEALTH & SAFETY PRECAUTIONS:

Where temperatures is less than 5^o C or greater than 35^o C are encountered, contact our Technical Staff for specific advice. **ConFloor EP AM** is non-toxic, but it is alkaline in nature. Any contact with eyes or skin should be washed off with soap and clean water. Protective gloves, goggles and clothing should be worn. Repeated contact with epoxy resins and hardeners can cause sensitization in some people handling this type of product. Where this occurs, seek medical advice before continuing use.

TECHNICAL SERVICES:

A trained RADIANT representative is available to assist in the preparation of specifications, and the resolution of concrete problems in the field.

Important Note:

RADIANT Construction Technologies manufactures wide range of construction chemicals, including admixtures, concrete repairing mortars, curing compounds, adhesives, concrete protection coatings, waterproof coatings, grouts & Tile Bond.

Separate Technical Data Sheets are available for these products.