

ConFloor EP Screed

Epoxy Mortar Wall Lining & Flooring System

DESCRIPTION

ConFloor EP Screed is a three component, epoxy mortar wall lining & flooring system based on specially selected epoxy resins & hardeners to produce mortar based seamless & durable wall lining & flooring system.

ConFloor EP Screed is available in standard colors and can also be used for epoxy flooring underlays and repairing concrete defects.

USES

ConFloor EP Screed is suitable for:

- Workshop areas
- Warehouses
- Textile Processing Plants
- Power Plants
- Chemical processing units
- Water retaining structures
- Airplane Hangers
- Car Showrooms
- Parking Areas
- Schools and Colleges
- Play land courtyard

ADVANTAGES

- Seamless
- Durability
- Easy application
- Excellent adhesion
- Low maintenance

Technical Specs & Physical Properties

Appearance	Three Component Epoxy Mortar Flooring A = Base B = Hardener C = Aggregate
Packing	45 Kgs. (3 Components)
Mixed Density	2.0 Kg./- Ltr.
Pot Life @20°C:	30 minutes
Dry time for Re-cote @20°C:	18 Hrs.
Traffic Time Pedestrian:	24 Hrs.
Light vehicle:	48 Hrs.
Full Cure:	7 Days.
Shelf Life	12 Months at 10 ⁰ -30 ⁰ , stored in original packing under covered area.

APPLICABLE STANDARDS

ConFloor EP Screed confirms with **ASTM C-881**

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 Screed is supplied in proportionate 3-component units. Only full unit may be mixed.

1st of all add component A, in a mixing bucket. After stirring the A-component add component B and then C component is added and mixed for about 3-5 minutes using an electric stirrer (spiral stirrer).

Prime Coat:

Priming the concrete Substrate with ConPrime EP.

ConPrime EP is poured onto the properly prepared substrate and spread across the wall or floor with a trowel.

Flooring:

ConFloor EP Screed is poured onto the substrate and spread to a layer of required thickness with a trowel. In order to avoid edges forming, adjoining areas must be laid within 20 minutes.

PACKAGING

ConFloor EP Screed is supplied in 45 Kgs. Packing.

COVERAGE

Coverage 6.5 Kgs. Per M² /- 3 mm thickness.

STORAGE

ConFloor EP Screed is epoxy based resin & it must be stored in the original unopened containers at 5^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 Screed** 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.