FIBFLOOR-(FC)

High Solids Epoxy Floor Coating

DESCRIPTION

Fibfloor-FC is a high build epoxy coating for walls, floors of concrete & metal structures. It has good resistance to abrasion and makes the floor surface dust free. The cured surface is hard and gives smooth finish. It does not allow bacterial growth and can be easily cleaned.

AREAS OF APPLICATION

Fibfloor-FC is recommended for protection of metal and concrete surfaces from erosion and for areas subjected to foot traffic and traffics with wheels of rubber and nylon.

- Chemical Plants
- Pharmaceutical Industries
- Food Processing Areas
- Bottling Plants
- Electric / Electronics Industries
- Computer Rooms
- Hospital Operation Theatres
- Nuclear Power Plants.
- Laboratories
- Aerospace Industry
- Airport Hangers
- Picture Tube Manufacturing Plants
- Automobile Industries
- Tea Processing Units
- Textile Mills
- Dairies & Breweries

APPLICATION METHODOLOGY

Correct preparation of surface is essential. Fibfloor- FC should be laid only if the moisture content of the floor is below 5 %. The surface must be soun and made free from dust, oil, grease and other contaminants before application of Fibfloor- FC. Surface shall be cleaned by wire brushing, acid wash or by burning followed by washing with liquid detergent. Allow the floor/surface to dry before priming. Where there are expansion joints in the floor, these must be treated separately.

PRIMING

Surface should be bone dry prior to this application. All surface should be primed using Fibfloor Primer @ 250 gms per sq.m. Mix Primer Component A & B thoroughly and apply by brush. Allow the primer to become dry.

COATING

Mix together Fibfloor- FC Component A and Component B thoroughly using a pallet knife or an electrical drill mixer till a homogenous and uniform colour is obtained.
After mixing, apply Fibfloor-FC by brush or roller to the required thickness on the dried primed surface.

Fibfloor-FC is a high build coating. It is advisable to apply in two coats at right angles to each other. This way the second coat will cover any porosity/air gap of the first coat. Allow first coat to become dry before the second coat is applied. (Generally second coat is applied after overnight curing of first coat.)

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CLEAN UP

Clean all tools immediately after use with Xylene. Do not allow the material to harden

COLOUR RANGE

An attractive range of colours is available. Colours may be customized depending on order quantity.

TECHNICAL SPECIFICATIONS

Estimated Coverage	:	4kg Unit (in two coats) of Fibfloor FC is sufficient for 13 m^2 for DFT of 200 microns.
Pot Life	:	50 minutes (approx) At 30^oc
Curing Time	:	Foot Traffic after 24 hours. Full Cure 7 Days
Shrinkage Factor	:	Negligible

CHEMICAL RESISTANCE

Fibfloor-FC is resistant to a variety of chemicals as given below:

10%	Acetic Acid	5%	Nitric Acid
25%	Ammonium Hydroxide	10%	Nitric Acid
50%	Caustic Soda	10%	Sulphuric Acid
10%	Lactic Acid	25%	Phosphoric Acid
50%	Phosphoric Acid	35%	Hydrochloric Acid
10%	Hydrochloric Acid		

* Prolonged contact with chemicals will affect the colour of the flooring. Wash off spillage with water. Regular washing of floors with detergent water is recommended 7 days after application time. Good housekeeping such as regular washing will prolong the life of the floor

STORAGE

8 - 12 months in original unopened containers.Store in cool dry place. Do not expose to direct sunlight.

PACKAGING

Fibfloor - FC is available in 1,5kg & Project Standard.

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