

# FIBFLOOR-(LB)

## Solvent Based Low Build Epoxy Wall Coating

### DESCRIPTION

Fibfloor-LB is a solvent based coating for vertical application on walls & steel structures. The cured surface is hard and gives smooth finish. It is joint-less and hence will not support bacterial growth. It has resistance to abrasion and can easily be cleaned.

### AREAS OF APPLICATION

Fibfloor-LB 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

### APPLICATION METHODOLOGY

Correct preparation of surface is essential. Fibfloor LB should be laid only if the moisture content of the floor is below 5%. The surface must be sound and made free from dust, oil, grease and other contaminants before application of Fibfloor LB. 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 LB @ 100 gms per sq.m. Mix Primer Component A & B thoroughly and apply by brush. Allow the primer to become dry.

### COATING

Mix together Fibfloor LB 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-LB by brush or roller to the required thickness on the dried primed surface. Fibfloor-LB is a solvent base low 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.



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Allow first coat to become dry before the second coat is applied.  
(Generally second coat is applied after overnight curing of first coat.)

## 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.

## CHEMICAL RESISTANCE

Fibfloor- LB 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		Fruit Juices
25%	Phosphoric Acid		Beer
50%	Phosphoric Acid		Wine
10%	Hydrochloric Acid		Crude Oil
35%	Hydrochloric Acid		Petrol

\* 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

## TECHNICAL SPECIFICATIONS

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

## STORAGE

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

## PACKAGING

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

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