

# FIBPOXY WB

Water Based Epoxy Floor and Wall Coating ( Fibfloor FC is formally known as Fibpoxy WB )

Product # 114.21  
Version no: 16.11.23

Data  
Tech

**PRODUCT DESCRIPTION:** Fibpoxy WB is a two component, solvent-less, water based, low odour, epoxy-polyamine adduct modified coating. It acts as a tough abrasion resistant coating that withstands wear and chemical attack in a variety of applications. Fibpoxy WB can be used in many areas where a solvent based product is not permitted. Fibpoxy WB comes in a variety of colors and provides a semi - gloss finish.

## AREAS OF APPLICATION

Typical applications areas are

- Damp Concrete Substrate
- Concrete Substrate which is wet for curing, as Curing Compound
- Food Processing Plants
- Dairies
- Ware House Floors
- Chemical Plants
- Manufacturing

## ADVANTAGE

Typical applications areas are:

- Water based, does not release objectionable solvent odour
- Can be applied to concrete immediately after removal of frame work
- Provides excellent wear under traffic
- Available in a variety of colours
- Non-flammable
- Non Toxic
- Mildew Resistant.

## APPLICATION

### SURFACE PREPARATION

Concrete Surface must be even and free of pot holes, oil, dirt, debris, paint and unsound concrete must be removed. Surface should be moistened before application of coating. But standing water should not be allowed.

### MIXING

Fibpoxy-WB Comp A and Comp B should be stirred separately for one minute using an electrical drill mixer. Then add Comp B to Comp A and mix thoroughly by electrical drill mixer for at least 2 -3 minutes till a homogeneous uniform colour is obtained.

### APPLYING AND LAYING

The mixed material should be applied to the prepared After proper mixing of Comp A and Comp B, mixed material can be applied by brush or roller on the prepared and moistened surface.

## CLEAN UP

- Clean all tools immediately after use with Fibrex Paint Remover. Do not allow material to harden.

## TECHNICAL SPECIFICATIONS

Pot life	40 to 70 minutes @34°C
Mixing ratio ( A : B	4:1 (by weight)
Consumption	200/250 gms/m <sup>2</sup> and 166/208 ml/m <sup>2</sup> depend on substrate porosity
Density	1.2 - 1.24 gm/cc
Workable Time	45 - 60 minutes at 30°C temperature
Application Temperature	Avoid application at air and floor temperature below 10°C and above 40°C
Recoating Time	Minimum 8 hrs Maximum 24 hrs Curing
Time	Suitable for foot traffic after 24 hours suitable for wheel traffic after 7 days

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## CHEMICAL RESISTANCE

Fibpoxy-WB is resistant to a variety of chemicals as given below :

Salt Water	Excellent
Urine	Excellent
Xylene	Good
Beer	Good
Hydrochloric Acid	Poor
Alkalis	Good
Ammonia	Good
MIBK	Poor

\* 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

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## LIMITATIONS

- Do not apply **FIBPOXY WB** on surfaces known to, or likely to, suffer from rising dampness, potential osmosis problems or having relative humidity greater than 75 %. Consult fibrex before using **FIBPOXY WB** in those areas.
- Do not install **FIBPOXY WB** at temperature < 10° C or > 40° C.
- Do not apply **FIBPOXY WB** to asphalt, weak or infirm concrete, unmodified sand / cement screeds, PVC tiles or sheets, or substrates known to move substantially e.g. steel walkways.
- Do not apply **FIBPOXY WB** over treated expansion joints.
- In common with all epoxy material, some light shades may fade in the long term, when placed in adverse exposed condition. Such changes (Discoloration), if any, are normal and has no effect on the performance of **FIBPOXY WB**.

## Please contact FIBREX for installation of floor coating over

- Oil / Fat rigged floors
- Floors with moisture content over 4 %
- Floors with rising moisture problem
- Asphalt based floor (interior)
- 2 Floors with a pull off strength less than 1.5 N/mm

## PACKAGING

FIBPOXY WB (A+B : 7 KG PACK)  
1 Pack Cover 28m<sup>2</sup> @250gms/m<sup>2</sup>

### Supply

2 Packs set : 14 KG (A Part : 2 Nos, B Part : 2 Nos)

## STORAGE

Store the material at temperatures between + 10° C and + 35° C in originally sealed packages, the material can be stored for twelve months. But before opening the drums, be assured that the temperature of the materials has the ambient temperature to avoid condensation. Open containers of material should be used quickly to avoid moisture contamination. If a container needs to be resealed, it should be blanketed with nitrogen to minimize water exposure.

## PRECAUTIONS

During mixing and application the following precautions should be observed: ensure adequate ventilation and avoid contact of the material with the eyes, nasal passages, mouth and unprotected skin. Avoid contact with the hands by wearing protective gloves and using, if necessary, a suitable barrier cream. In case of contact with the eyes, rinse immediately with plenty of water and seek medical advice and after contact with the skin wash immediately with plenty of soap and water (do not use solvents). Prolonged contact with the skin should be avoided, especially where the user has an allergic reaction. Always wear gloves and eye/face protection as necessary. Observe personal hygiene, particularly washing the hands after work has been completed or at any interruption whilst work is in progress. Care should be taken when removing gloves to avoid contaminating the insides. In case of accidents seek medical advice.

## DISPOSAL / SPILLAGE

Spillage of the product should be absorbed onto sand or other inert material and transferred to a suitable disposable vessel. Disposal of such spillage or empty packaging should be in accordance with local waste disposal authority regulations.

## NOTE

Fibfloor FC is formally known as Fibpoxy WB. The information supplied in this datasheet is based upon extensive experience and is given in good faith in order to help you. Our company policy is one of continuous Research and Development; we therefore reserve the right to update this information at any time without prior notice. We also guarantee the consistent high quality of our products; however as we have no control over site conditions or the execution of the work, we accept no liability for any loss or damage which may arise as a result thereof.

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## HEALTH AND SAFETY

This material is intended to be used by trained professionals with proper equipment's. The following safety measures are recommended:

- Wear protective gloves, clothing, goggles, hearing protection for noise reduction and hard hats for falling debris.
- Do not eat, drink or smoke while in active contact with these materials.
- Avoid skin contact.
- Wash hands thoroughly with soap and cool water.
- Never wash the skin with a solvent.
- Anyone experiencing difficulty breathing when working with these materials or showing an allergic reaction should seek fresh air immediately and consult a physician if symptoms persist.

## DISCLAIMER

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## FIBREX OTHER PRODUCTS – WE DO

