

FIBFLOOR PRIMER 21

Universal Primer

Product # 114.10
Version no: 09.05.24

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PRODUCT DESCRIPTION: Fibfloor Primer 21 is a 2-component, water based epoxy resin dispersion primer.

AREAS OF APPLICATION

Primer for:

- New and old concrete either dry or damp surface
- Cementitious screeds & mortars
- Cementitious, pu waterproofing products and membranes
- Primer for ECC Self Leveling Flooring systems (like Fibfloor Cem)

ADVANTAGE

- Low viscosity, Zero VOC
- Good wetting
- Odour free - environmental friendly
- Economic and easy to apply
- Excellent bonding on porous substrate
- Antifungal - resistant to fungal attack
- Short waiting time
- Excellent adhesion between substrate and sealant
- Easy mixing and applying by brush or roller
- Highly penetrating give proper sealing of concrete
- Barrier against salt solutions and water
- Can be applied to damp and green cement based substrates

APPLICATION

SURFACE PREPARATION

Cement bound surfaces must be dry, firm, offer good traction, free from loose particles, dust and dirt and additionally free of oil, grease and other impurities which can adversely affect uniform adhesion. If considered necessary, the surface should be sand blasted, flame scaled, milled or ground. For best bond concrete surface must be prepared as per CSP 1,2 or 3.

MIXING

Mixing is carried out in a specially designed drum mixer or in a bucket with the help of drill mixer fitted with paddle. Mix Fibfloor primer 21 component A & B thoroughly with the help of mixer/drill mixer till a homogeneous mix is obtained.

APPLYING AND LAYING

The mixed material should be applied to the prepared surface using roller or brush. Ensure mix material is spread evenly. Do not re-roll later. The work area should be protected during the installation process and during the initial curing time to ensure that no airborne debris can contaminate the surface. To achieve uniform and perfect wetting, the first application should always be carried out by brush. Depending on the porosity a second coat may be required. The second coat may be applied by roller. Prevent ponding and formation of puddles

CLEAN UP

Clean all tools immediately after use with water. Do not allow material to harden. Any hardened material will need to be removed mechanically.

TECHNICAL SPECIFICATIONS

Appearance Of Component A	White liquid
Appearance Of Component B	Transparent or colorless liquid
Density of component A	0.99±0.02 gms/cc
Density of component B	1.15±0.02 gms/cc
Mix Density (A+B)	1.01±0.02 gms/cc
Pot Life	55 to 60 minutes @34°C
Mixing Ratio	(A : B) 11.5:1 (by weight)
Consumption	150/200 gms/m ² depend on substrate porosity
Adhesion To Concrete (ISO 4624)	> 2 MPa
Systems	1 - 2 coats (dependent on substrate porosity)
Shelf Life	6 months(after manufacture date and if store in +10°C to +35°C with un open condition)
Over Coat Time	6 to 8 hrs @ 27°C
Relative Air Humidity	80 % max.
Substrate Moisture Content	Can be applied on damp concrete

PACKAGING

FIBFLOOR PRIMER 21(A+B : 5 KG PACK)

1 Pack Cover 25 m² @200gms/m²

Supply

2 Packs Set : 10 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 6 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.

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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 to resin-based materials. 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

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.

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:

Fibrex Construction Chemicals products though are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request. Fibrex Construction Chemicals wishes to clarify that any advice, recommendation, specification or information is accurate and correct, though it cannot, at any time assume any liability either directly or indirectly arising from the use of its products. This is because it has no direct or constant control over where or how its products are applied, and whether or not in accordance with the advice specification, recommendation or information given by it.

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