

PRODUCT DESCRIPTION: Fibgrout MP 100 is a high strength special ingredient grout designed for fast setting grouting of base plates and anchors for railway tracks bases of all types with used in both thin and thick sections. Fibgrout MP 100 is suitable for grouting bases of numerous configurations. This shrinkage free formula gives excellent strength and resistance to many corrosive chemicals. Fibgrout MP 100 provides excellent bond to foundation and provides maximum bearing for long lasting grouting projects.

AREAS OF APPLICATION

- Heavy duty grouting of machinery and equipment
- Ball Mills in Cement Plants
- Petro Chemical & Fertilizer Units
- Bridge Plates
- Bearing Plates & Textile Machineries
- Anchorages

ADVANTAGE

- Highly fluid and extremely place able for easy fluid use.
- High strength for maximum load bearing.
- Non-Shrink with minimum positive expansion for high tolerance performance.
- Non-bleeding and non-segregating at a fluid consistency.
- Does not contain any chloride or additives which may contribute to corrosion of base structure.
- Total shrinkage compensation, which provides a maximum bearing surface for the greatest overall support.
- Rapid strength gain to minimize turnaround time for equipment re-grouts.
- Excellent working time at high ambient temperatures.

APPLICATION METHODOLOGY

SURFACE PREPARATION

Cement bound surfaces must be dry, firm, offer good traction, free from loose particles, dust, 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 or grinded. Iron and steel must be free of rust, scale and should be free from oil, dust and grease and other dirt particles. The best method of preparation is to flame scale or grinded.

MIXING

The contents of Part B (pu hardner) and Part C (Filler) of Fibgrout MP 100 must first be mixed together for 1 minute, using forced action, in a suitably sized mixing vessel. The contents of Part A (pu base) component mixed together for 30 seconds to create one homogeneous mix. One or more packs may be mixed at the same time in order to maintain a quick rate of installation and all part mix at 1000 rpm.

APPLYING, LAYING & PLACEMENT

Pour mixed material into anchor bolt holes and blockouts through funnel or directly if space permits. When grouting plates, pour grout into the head box and allow to flow under the plate. Straps preplaced under the plate will aid in working the grout across. Grout should be placed at a minimum of 25 mm thick and a minimum of 152 mm per lift when placed in a large mass.

CLEAN UP

FIBGROUT MP 100 can be removed from tools and equipment by Fibrex Paint Remover or thinner immediately after use. Any hardened material will need to be removed mechanically.

TECHNICAL SPECIFICATIONS

FIBFLOOR-MF	@27±1°C
Base	PU BASE
Pot Life	10 mins
Full Cure	24 hours
Bond Strength ASTM D 4541	>1.5 MPa
Compressive Strength BS6319-2, 28 days	50 MPa
Flexural Strength BS6319-3	18 MPa
Tensile Strength	7 MPa
Shore D Hardness	75
Abrasion resistance	Classified 'Special duty' under BS 8204: Part2:2002(9)
Slip resistance	Classified 'Satisfactory' under BS 8204: Part2:2002(9), wet and dry
Impact Resistance	Classified 'High Impact resistance' under BS 8204:Part1:1999
Coverage	Approximately 2000 kg / m ³
RATIO (A:B:C)	1.14:1:3.42(by weight)

These figures are theoretical, due to the wastages and the variety and nature of substrates practical coverage figures may be reduced.

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Product # 114.81
Version no: 16.11.23

Data
Tech

LIMITATIONS

- Do not apply Fibgrout MP 100 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 Fibgrout MP 100 over treated expansion joints.
- In common with all pu material, some light shades may fade in the long term, when placed in adverse exposed conditions. Such changes (discolouration) if any, are normal and has no effect on the performance of Fibgrout MP 100.

Please contact FIBREX for installation of floor coating over

- Oil / Fat rigged floors
- Asphalt based floor (interior)
- Floors with a pull off strength less than 1.5 N / mm²

COLOR RANGE

Fibgrout MP 100 is available in various attractive colours (FibreX shade card). Every effort is made in manufacturing to maintain consistency of colour, however exact colour can vary from one batch to other batch.

PACKAGING

FIBGROUT MP 100 (A+B : 10 KG PACK)

Supply

2 Packs Set : 20 KG (A Part : 2 Nos, B Part : 2 Nos & C Part : 2 Nos)

STORAGE

Fibgrout MP 100 has shelf life of 12 months if stored

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 any of the component products 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

FIBGROUT UF is formally known as Fibgrout MP 100. 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.

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FIBREX OTHER PRODUCTS – WE DO

