



Fosroc® Tilemix

Polymer based additive suitable for mixing with cement mortar, used for fixing tiles in different conditions.

Uses

Fosroc Tilemix is a selected blend of polymers in powder form. Typical uses include :

- Tile claddings - kitchens and bathrooms
- Fixing floor tiles

Advantages

- Improves workability and Cohesion of mortar
- Improves slip resistance and imparts high adhesive bond strength
- Flexible product (can be used for different cement - sand ratios)
- Imparts Anti washout property hence can be used in damp conditions.
- User friendly and economical.

Standards compliance

Fosroc Tilemix conforms to BS5980 Class AA Type 1 and suitability for contact with potable water as per BS 6920 Part 1.

Description

Fosroc Tilemix is a selected blend of polymers in powder form.

Technical support

Fosroc offers a comprehensive technical support service to specifiers, end users and contractors. It is also able to offer on-site technical assistance, an AutoCAD facility and dedicated specification assistance in locations all over the world.

Instructions for use

Surface preparation

Surfaces should be prepared as per normal construction standards, to aid tile-fixing operation. All traces of oil, grease, loose mortar, old wallpaper, paint etc. must be removed prior to application of mortar

Mixing

100g of Fosroc Tilemix is added to 5 Kg of Cement - Sand mortar.

The cement : sand ratio can be varied according to the type of application (Horizontal or Vertical).

Application

- **Horizontal application (Floors):** *Cement mortar of the ratio 1:3 is recommended for this type of application.*

5 kg of dry cement mix of 1:3 ratio (cement – 1.25 kg ; Sand – 3.75 kg) is prepared. 100g of Fosroc Tilemix is added to the above and mixed thoroughly. Water is added to a dosage of 1:3 by volume (1 part of water : 3 part of mortar). The mortar should be mixed for atleast 3 min. to get the required consistency and workability. **The quantity of water may be slightly varied to achieve the required consistency.** The Material is spread on the substrate to required thickness and combed. Tiles are placed firmly ensuring good contact with mortar, by twisting motion.

- **Vertical Application (Walls):** *Cement mortar of the ratio 1:1.5 is recommended for vertical applications.*

5 kg of dry cement mix of 1:1.5 ratio (cement - 2kg ; sand – 3 kg) is prepared. 100g of Fosroc Tilemix is added to the above and mixed thoroughly.

The rest of the steps including the amount of water are the same as in the above case.

Note: Recommended for fixing ceramic tiles only, as far as vertical applications are concerned.

- **Damp Application:** *Cement mortar of the ratio 1.5:1 is recommended for such applications.*

5 kgs of dry cement mix of 1:1.5 ratio (cement - 3kg ; sand – 2 Kg) is prepared. 100 g of Fosroc Tilemix is added to the above and mixed thoroughly.

The rest of the steps are the same as in the above case.

Note: Recommended for fixing ceramic tiles only, as far as vertical applications are concerned.

Joints

It is recommended that when fixing ceramic tiles, a minimum spacing of 2mm be left around each tile.

Finishing

Remove excess mortar with a damp cloth before material has set. Joint grouting with Nitotile Grout** may be commenced 24 hours after tiles have been laid.

Cleaning

Mortar should be removed from tools, equipment and mixers with clean water immediately after use. Cured material can only be removed mechanically.

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Limitations

Fosroc Tilemix should not be used when the temperature is below 5°C and falling. The mortar should not be exposed to moving water during application. If any doubt arise concerning temperature or substrate conditions, consult your local Fosroc office.

Estimating

Supply

Fosroc Tilemix : 100g sachet

Storage

Shelf life

Fosroc Tilemix has a shelf life of 6 months if kept in a dry store in the original, unopened bags.

Storage conditions

Store in dry conditions in the original, unopened bags or packs. If stored at high temperature and / or high humidity conditions the shelf life may be reduced.

Precautions

Health and safety

Fosroc Tilemix is non-toxic.

In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice. If swallowed, seek medical attention immediately.

Fire

Fosroc Tilemix is non-flammable

Additional information

Fosroc Tilemix is part of a range of Fosroc tile adhesive and tile grouts. In addition, Fosroc manufactures a range of complementary products which includes waterproofing membranes, joint sealants, grouting, anchoring and specialised flooring materials. Additionally, a wide range of products specifically designed for the repair and refurbishment of damaged reinforced concrete is available. This includes hand-placed and spray grade repair mortars, fluid micro-concretes, chemical resistant epoxy mortars and a comprehensive package of protective coatings.

For further information please contact your local Fosroc office.

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Important note :

Fosroc products 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. Whilst Fosroc endeavours to ensure that any advice, recommendation specification or information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products whether or not in accordance with any advice, specification, recommendation or information given by it.



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