



# Tile Fix

*Cement-based dry-set mortar for thin-bed wall and floor tiling*

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## **PRODUCT**

TILE FIX is a specially blended premixed dry-set mortar for thin-bed wall and floor tiling. It is cement-based, water resistant and can be used in dry or wet interior conditions. Ideal for installation of marble, granite, ceramic and homogeneous tiles for walls and floors. For light-coloured thin marble tiles, TILE FIX WHITE is recommended. Suitable substrates are concrete, cement / sand plaster and lightweight concrete blockworks.

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## **TECHNICAL DATA AND PHYSICAL PROPERTIES**

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|---------------------|--|
| Colour              | Grey / White   |
| Binder              | Ordinary Portland Cement   |
| Filler              | Graded sand  |
| Additives           | Water soluble additives to improve workability, open time and adhesion strength. |
| Pot life            | 3 hours  |
| Consumption         | Approx. 1.2 kg/m <sup>2</sup> /mm thick  |
| Water demand        | Approx. 24% or 9.6 litres/40 kg bag  |
| Tensile Adhesion    | Approx. 1.7 MPa (DIN EN 1348 : 1999) *   |
| Open time (20 mins) | Approx. 0.7 MPa (DIN EN 1346 : 1999) *   |

\* Tested by SETSCO.

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## **PROCEDURE**

Ensure substrate is clean, sound and level. Remove loose particles, grease and traces of foreign materials that may affect adhesion. Mix product with the required amount of clean water. Mix thoroughly with a mechanical mixer until mixture is homogeneous. Allow mixture to stand for 10 minutes for the additives to dissolve. Mix again and the mortar is ready for use. Apply the mortar by pressing it firmly against the substrate with a trowel. Spread the mortar with the notched edge of trowel over an area that can be tiled within about 10 minutes. The tiles should be firmly pressed onto the substrate and immediately knocked into position. To check the tiling works at the beginning of tiling, remove a tile and check the mortar coverage on the back of tile. Care should be taken that the tiles are fixed in such a way that the whole backside is covered with fresh mortar.

For big tiles and tiles with high ridges, applying mortar onto the substrate and back buttering the backside of tiles is recommended for best results. Adjustment of tiles is possible within 15 minutes after installation. Gaps for tile joints should be provided depending on the size of tiles used. Ensure that the mortar do not fill more than half the depth of the tile joints. Do not soak tiles prior to tiling. No further addition of water is allowed to unused mortar that has exceeded its pot life or has begun to set.

For exterior tiling, use either SUPER FIX or TILE FIX with FIX ADMIX.

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## **STORAGE AND PACKING**

TILE FIX is delivered in 40 kg bags. Storage life is 6 months if product is kept in sheltered and dry place.

\*Note: Because it is not possible to give specific instructions for the various site conditions or to control the applications, the information on this Technical Data Sheet is for general guidance only. Eastern Pretech Pte Ltd reserves the rights to amend the contents of the data sheet at its sole discretion.

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