

Techno Tile UW

Tropical grade ceramic tile adhesive

Uses

Techno Tile UW is a high quality adhesive for the permanent fixing of ceramic tiles. It can also be used for fixing of insulating and acoustic boards based on expanded polystyrene etc.

Typical uses include:

- Wet areas – Kitchens and bathrooms
- Swimming pools.
- Fixing marble tiles
- Fixing heavy elements e.g. brick slips, concrete tiles
- Bridges, underpasses and high rise buildings

Advantages

- Good open wet time
- Good slip resistance
- High adhesive bond strength
- Water resistant
- Bacteria & fungus resistant

Standards compliance

Techno Tile UW conforms to BS 5980 Class AA Type 1 and suitability for contact with potable water as per BS 690 Part 1.

Description

Techno Tile UW cementations based powder is available in grey or white color.

Instructions for use

Surface preparation

All surfaces must be sound and thoroughly clean before Techno Tile UW is applied. All traces of grease or oil must be removed with a chemical degreaser. All loose particles of Mortar, old wallpaper, paint etc. must be physically removed.

Surfaces

Techno Tile UW can be applied on concrete, cement screeds, and cement or lime mortar. Special attention must be given to new construction prior commencing trilling. Tiles should not be placed on concrete or block work until all shrinkage movement has taken place.

Note: Techno Tile UW should not be used directly on gypsum or gypsum board substrates. Please contact your local **M.T.C.** office for advice.

Mixing

Modern Technologies for Construction Chemicals

Factory: Wadi Elnatroun - First Industrial Area.
Head Office: New Maadi - 3\288 St.
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www.mtcchem.com

6 to 6.5 liters of water is required for each 25 kg bag of Techno Tile UW. A slow speed drill is recommended. Add powder to water and mix until a uniform, lump-free consistency is achieved.

Application

Techno Tile UW should be spread on the substrate to uniform thickness of 2-3mm, and then combed horizontally.

Place tiles firmly into adhesive bed, ensuring good contact with a twisting motion. Only apply to areas which can be tiled in the adhesive's open wet time (up to 1m² at a time)

Joints

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

Finishing

Remove excess adhesive with a damp Techno Tile UW grout may be commenced 24 hours after tiles have been laid.

Cleaning

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

Limitations

Techno Tile UW should not be used when the temperature is below 5°C and falling. The product should not be exposed to moving water during application.

Estimating Supply

Techno Tile UW :	20 - 25 kg bags
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Yield

Techno Tile UW :	Approx. 17 liters/ bag
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Note: actual Yield will vary according to water addition

Storage

Shelf life

All products have a shelf life of 12 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

Techno Tile UW contains cement powders which, when mixed with water or upon becoming damp, release alkalis which can be harmful to the skin. During use, avoid inhalation of the dust and contact with the skin or eyes. Wear suitable protective

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clothing-eye protection, gloves and respiratory equipment (particularly in confined Spaces).

The use of barrier creams to provide additional skin protection is also advised . In case of contact with the skin, rinse with plenty of clean water, then cleanse thoroughly with soap and water.

In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice. If swallowed seek medical attention immediately do not induce vomiting.

Fire

Techno Tile UW is non-flammable

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