

Techno Tile Grout

Cementitious grout for ceramic tiles

Uses

As a grout for dry tile Joints in:

- Kitchens
- Bathrooms
- Shower stalls
- Swimming pools

Advantages

- Low cost service life - mould resistant. Tropical grade suits Middle East working conditions.
- Easy to apply -just add water for a thixotropic. Non-slump grout.
- Can be used in submerged conditions
- Available in a range of attractive colors
- Bacteria & fungicides resistant

Description

Techno Tile Grout is a blend of specially selected cements, fillers and synthetic organic polymers. When added to water it readily blends to produce a smooth creamy paste which when set is water and mould resistant. Techno Tile Grout is used in conjunction with Techno Tile Grout adhesives.

Typical Properties of mixed material.

Working time at 20°C : 90 minutes

Working time at 35°C : 30 minutes

Compressive strength : 38N/mm² @ 28 days
(ASTM C 109)

Tensile strength : 3 N/mm² @ 28 days
(BS 6319: Pt 7)

All tiles must be securely fixed in place and thoroughly cleaned Before Techno Tile Grout is applied. The gap between tiles should not exceed 4mm.

Mixing

Modern Technologies for Construction Chemicals

Factory: Wadi Elnatroun - First Industrial Area.
Head Office: New Maadi - 3\288 St.
Fax. & Tel.: 02-25200833 Mob. : 010 209 65554
www.mtcchem.com

3.3 liters of water are required for each 10kg bag of Techno Tile Grout. A slow speed drill fitted with a suitable mixing paddle is recommended. Add powder to water and mix until a uniform, lump-free, thick creamy paste is produced. Allow to stand for ten minutes prior to use.

Application

Apply Techno Tile Grout to the spaces between the tiles using a sponge or a small piece of soft cloth, Work the mixture into the joints and around the edges.

Remove surplus material from the face of the tiles with a dry cloth and run the tip of a gloved finger or suitable rounded tool along the grout to level it off and form a profile. When the grout is dry, clean the tiles with a damp sponge to remove any excess material. It is advisable to remove uncured grout from textured tiles prior to setting; failure to do so may result in difficulty in removal.

Cleaning

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

Limitations

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

Estimating

Supply

Techno Tile Grout : 20 - 25 Kg bags

Coverage

Techno Tile Grout : 4.0 m²/Kg

Note: The actual coverage rate is dependent upon the type, size and spacing of tiles.

Storage

Shelf life

Techno Tile Grout has a shelf life of 12 months if kept in a dry store in the original, unopened bags or packs.

Storage conditions

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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 to 4 to 6 months.

Technical support

M.T.C. offers a comprehensive range of high performance, high quality repair, maintenance and construction products.

Precautions

Health and safety

Techno Tile Grout is cement based. Care should be taken to avoid inhalation of dust and contact with eyes. All cement based products, when mixed or damp release alkalis which can be harmful to the skin.

Additional information

Techno Tile Grout is part of a range of M.T.C. tile adhesives and tile grouts.

M.T.C. manufactures a wide range of complementary products which include.

- Waterproofing membranes & water stops
- Joint sealants & filter boards
- Cementitious & epoxy grouts
- Specialized flooring materials
- Hand-placed repair mortars
- Spray grade repair mortars
- Fluid micro-concretes
 - Chemically resistant epoxy mortars
 - Anti-carbonation/anti-chloride protective coatings
 - Chemical and abrasion resistant coatings

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