

Product Description

Techno Fill TG 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 Fill TG is used in conjunction with TechnoFill tile adhesives.

Uses

As a grout for dry tile joints in:

- Kitchens
- Bathrooms
- Shower stalls
- Swimming pools

Advantages

- Low cost service life - Mould resistant, tropical grade
- Easy to apply - Just add water for a thixotropic, non-slump grout
- Can be used in submerged conditions
- Available in a range of attractive colours

Properties

Specific gravity	1.9 to 2.0 g/cc
Typical properties of mixed material	
Working time at 200C	90minutes
Working time at 300C	30minutes
Compressive strength (ASTM C 109)	38N/mm ² @ 28days
Tensile strength (BS 6319:pt7)	3N/mm ² @ 28days

Application Methodology

Surface preparation

All tiles must be securely fixed in place and thoroughly cleaned before Techno Fill TG is applied. The gap between tiles should not exceed 4mm. Tile joint filling should only be done 24hours after fixing the tiles.

Mixing

300 ml of water is required for each kg bag of Techno Fill TG. 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 Fill TG 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 Fill TG should be removed from tools, equipment and mixers with clean water immediately after use. Cured material can only be removed mechanically.

Limitations

Techno Fill TG should not be used when the temperature is below 50C and falling. The product should not be exposed to moving water during application. If any doubts arise concerning temperature or substrate conditions, consult your local Apex Encon office.

Estimating

Techno Fill Tile Grout is available in 1kg pack

Coverage:

Approx. 49 running meter of 3mmx5mm joint/kg.

Shelf Life

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

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.

Health and Safety

Techno Fill TG 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.

Important: Technokem products are guaranteed against defective materials and are sold subject to its standard terms and conditions of sale. It is the Customer's responsibility to satisfy themselves by checking with the Company whether the information is still current at the time of use. The customer must be satisfied that the product is suitable for the use intended. All products comply with the properties shown on current Technical Literatures. However, Technokem does not warranty or guarantee the installation of the products as it does not have any control over installation or end use of the product. All information and particularly the recommendation relating to application and end use are given in good faith.

For Complaints/Suggestions:

Please write to our Customer Care Executive at
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