

Fosroc Nitotile Grout



constructive solutions

Cementitious grout suitable for ceramic, porcelain, granite, marble & cementitious terrazzo tiles.

Uses

As a grout for 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
- Resistant to fungal growth
- Can be used in submerged conditions
- Available in a range of attractive colours

Standard compliance

Complies with the requirements of EN13888

Description

Nitotile 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 under completely cured conditions is resistant to water and fungal growth. Nitotile Grout is used in conjunction with Nitotile* tile adhesives.

Properties

Properties of mixed material.

Working time at 20°C	: 90 minutes
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Working time at 35°C	: 30 minutes
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Flexural Strength as per (EN 12808-3:2009)	: >5 N/mm ²
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Compressive Strength as per (EN 12808-3:2009)	: >20 N/mm ²
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Abrasion Resistance as per (EN 12808-2:2009)	: <550 mm ³
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Shrinkage as per (DIN EN 12808-4 : 2009)	: <2.5 mm/m
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Instructions for use

Preparation

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

Mixing

6.6 litres of water is required for each 20 kg bag of Nitotile 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 Nitotile 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

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

Estimating

Supply

Nitotile Grout	: 20 kg bags
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Yield

Nitotile Grout	: 14.6ltr / 20kg bag
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Limitations

Nitotile Grout should not be used when the temperature is below 5°C 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 Fosroc office.

Certain types of tiles, particularly natural stones are porous in nature and therefore may discolour after grouting; compatibility of grouting materials with the tiles should always be confirmed with a trial area.

Storage

Shelf life

Nitotile Grout 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 to 4 to 6 months.

Technical support

Fosroc offers a comprehensive range of high performance, high quality repair, maintenance and construction products. In addition, Fosroc offers a technical support package to specifiers, end-users and contractors, as well as on-site technical assistance in locations all over the world.

Precautions

Health and safety

Nitotile 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

Nitotile Grout is part of a range of Fosroc tile adhesives and tile grouts.

Fosroc manufactures a wide range of complementary products which include:

- Waterproofing membranes & waterstops
- Joint sealants & filler boards
- Cementitious & epoxy grouts
- Specialised flooring materials

Fosroc additionally offers a comprehensive package of products specifically designed for the repair and refurbishment of damaged concrete. Fosroc's 'Systematic Approach' to concrete repair features the following:

- 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

For further information on any of the above, please consult your local Fosroc office - as below.

* Denotes the trademark of Fosroc International Limited

† See separate data sheet



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Important note

Fosroc products are guaranteed against defective materials and manufacture and are sold subject to its standard Conditions for the Supply of Goods and Service. **All Fosroc datasheets are updated on a regular basis. It is the user's responsibility to obtain the latest version.**

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