



Nitotile LM Grout*

Latex modified, cementitious grout for ceramic 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 - thixotropic, non-slump grout
- Water resistant - can be used in submerged conditions
- Available in a range of attractive colours

Description

Nitotile LM Grout is supplied as a two component pack, comprising separate powder and liquid components, which requires only the on-site addition of clean water.

It readily blends to produce a smooth creamy paste which, when set, is water and mould resistant. Nitotile LM Grout is used in conjunction with Nitotile tile adhesives.

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.

Properties

Typical Properties of mixed material.

Working time @ 20°C	: 90 minutes
Working time @ 35°C	: 30 minutes
Compressive strength (ASTM C109)	: 26.0 N/mm ² @ 28 days
Tensile strength (BS 6319, Pt. 7)	: 2.8 N/mm ² @ 28 days

Instructions for use

Preparation

All tiles must be securely fixed in place and thoroughly cleaned before Nitotile LM Grout is applied. The gap between tiles should not exceed 6 mm.

Mixing

A slow speed drill fitted with a suitable mixing paddle and mixing vessel of minimum 30 litre capacity are recommended.

Measure out 3.2 litres of clean water into the mixing vessel and add the liquid component, stir thoroughly until dispersed. With the mixing paddle in operation, add the powder component to the mix and continue mixing for 2 to 3 minutes until a uniform, lump-free consistency is achieved. Allow to stand for 10 minutes prior to use.

Application

Apply Nitotile LM 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 LM Grout should be removed from tools, equipment and mixers with clean water immediately after use.

Cured material can only be removed mechanically.

Limitations

- Nitotile LM 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.

Nitotile LM Grout*

Estimating

Supply

Nitotile LM Grout powder	:	10 kg bags
Nitotile LM Grout liquid	:	0.4 litre

Yield

Nitotile LM Grout	:	7.5 litre per bag
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Storage

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

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.

Precautions

Health and safety

Nitotile LM 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.

The Right Chemistry for Construction

Fosroc is one of the world's major manufacturers of advanced technology chemical based products for the construction and refurbishment industries. It operates internationally through a network of operating companies, licensees, distributors and agents.

Having over 70 years experience and using global resources for research and technical development, Fosroc has built a substantial worldwide reputation in manufacturing the most comprehensive range of high performance construction chemicals:

- Concrete admixtures
- Surface treatments
- Grouts and anchors
- Concrete repair
- Industrial flooring
- Protective coatings
- Joint sealants
- Waterproofing
- Adhesives
- F.R.P Structural Strengthening
- Specific building products

* Denotes the trademark of Fosroc International Ltd.



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.

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