



constructive solutions

# Nitotile XS Grout\*

Polymer modified, cementitious grout

## 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

## Standard Compliance

Complies with the European standard EN12808 of tile grouts in all respects.

## Description

Nitotile XS Grout is supplied as a one component pack, 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 XS Grout is used in conjunction with Nitotile tile adhesives.

## Properties

Typical Properties of mixed material.

<b>Density</b>	:	1600 kg/m <sup>3</sup>
<b>Flexural strength (EN 12808 - 3)</b>		
<b>28 d sc</b>	:	> 6 N/mm <sup>2</sup>
<b>Compressive strength (EN 12808 - 3)</b>		
<b>28 d sc</b>	:	> 22 N/mm <sup>2</sup>
<b>Shrinkage after 28 d sc</b>	:	< 2 mm/m
<b>Water absorption (EN 12805 - 5)</b>		
<b>30 minutes</b>	:	< 3 g
<b>240 minutes</b>	:	< 5 g

## 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.

## Instructions for use

### Preparation

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

### Mixing

A slow speed drill fitted with Fosroc Mixing Paddle MR4 and a mixing vessel of minimum 20 litre capacity are recommended.

Measure out 3 litres of clean water into the mixing vessel, 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 XS 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 XS Grout should be removed from tools, equipment and mixers with clean water immediately after use. Cured material can only be removed mechanically.

### Limitations

- Nitotile XS 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.

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## Estimating

### Supply

<b>Nitotile XS Grout powder</b>	:	10 kg bags
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### Yield

<b>Nitotile XS Grout</b>	:	8 litre per bag
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## Storage

Nitotile XS 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 XS 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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