

Fosroc Nitotile XS Grout



constructive solutions

Polymer modified, water resistant, High performance fast setting and anti bacterial cementitious grout suitable to fill the joints between ceramic, porcelain, marble and natural stone

Uses

As a grout for tile joints in:

- Kitchens
- Bathrooms
- Shower stalls, terraces, stairs
- Swimming pools
- Walls and floors
- Residential and Commercial Building
- Hotel and Restaurants

Advantages

- Good compressive and flexural strength
- A smooth surface, with low water absorption
- Easy to clean
- High abrasion resistance
- Low shrinkage with no cracks
- No color change
- UV resistance
- Indoor and Out door

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.

Standard Compliance

Complies with the requirements of EN13888 to be classified as CG2WA. Complies with the requirements of ISO 13007 to be classified as CG2WAF. Complies with the requirements of ANSI to be classified 118.7

Compliance with CDPH-CREL Requirement

- TVOC emission in compliance with UL2818 requirements
- In compliance with CDPH-CREL VOC requirements

Properties

Density : 1600kg/m³

Flexural strength
(EN 12808-3)

28 d sc : >5 N/mm²

Compressive strength
(EN 12808-3)

28 d sc : >30 N/mm²

Shrinkage after 28 d sc : < 2 mm/m

Water absorption
(EN 12805-5)

30mins : < 3g

240 mins : < 5g

Resistance to Fungi/Mould : Resists growth of
(ASTM G21) Fungi/Mould

Bacterial growth : Resistance to range
of Bacteria

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 15 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 6 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.

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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.

For certain types of tiles, particulate natural stone. Please contact Fosroc technical team .

Estimating

Supply

Nitotile XS Grout powder	: 20 kg bags
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Yield

Nitotile XS Grout	: 16 ltrs per bag
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Coverage

Coverage depending on the width of the joints, the size and thickness of the tiles. Visit our website for Nitotile grout consumption calculation tool www.fosroc.com

Storage

Shelf life

Nitotile XS 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 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.

Additional Information

Nitotile XS 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.



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.**

Head Office

telephone: (+9714) 2039699

fax: (+9714) 2859649

email: agf@fosroc.com

Regional offices

Abu Dhabi, Al Gurg Fosroc
Bahrain, YBA Kanoo
Kuwait, Boodai
Oman, Al Amana

telephone: 673 1779
telephone: 17738200
telephone: 4817618
telephone: 24815080

fax: 673 1449
fax: 17732828
fax: 4832124
fax: 24817554

email: abudhabi@fosroc.com
email: bahrain@fosroc.com
email: kuwait@fosroc.com
email: oman@fosroc.com



Al Gurg Fosroc Co. LLC

Post Box 657, Dubai
United Arab Emirates

www.fosroc.com

UAE/0551/25/H