



constructive solutions

Nitotile GPXtra

Tropical grade ceramic tile adhesive

Uses

Nitotile GPXtra is a high quality adhesive for the permanent fixing of ceramic tiles. It can also be used for fixing of insulating and acoustic boards based on expanded polystyrene etc. Typical uses include:

- Wet areas - kitchens and bathrooms.
- Tile claddings.

Advantages

- Tropical grade to suit Middle East working conditions.
- Good open wet time.
- Good slip resistance.
- High adhesive bond strength.
- Water resistant.
- Good slip resistance.
- Can be used in totally submerged conditions.
- Extra polymer to enhance bond.

Standards compliance

Laboratory tests show Nitotile GPXtra conforms to BS5980:1980 Class AA Type 1.

Description

Nitotile GPXtra cementitious based powder is available in grey or white colour.

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

Bulk density (Powder):	: 1.55
Water Penetration DIN 1048	: < 10 mm
Tensile strength BS 5980	: 1100 N
Adhesion (shear) strength (BS 5980)	: 9.4 KN
Open time	: 25min@25°C
Pot life	: 1.5 hours

Instructions for use

Surface preparation

All surfaces must be sound and thoroughly clean before Nitotile GPXtra is applied. All traces of grease or oil must be removed with a chemical degreaser. All loose particles of mortar, old wallpaper, paint etc. must be physically removed.

Surfaces

Nitotile GPXtra can be applied directly on concrete, cement screeds, and cement or lime mortar. Special attention must be given to new construction prior to commencing tiling. Tiles should not be placed on concrete or blockwork until all shrinkage movement has taken place.

Note: Nitotile GPXtra should not be used directly on gypsum or gypsum board substrates. For use on gypsum boards, it is recommended to use Nitobond PVA as a prime coat diluted with water at a ratio of 1:2 by volume.

Mixing

4.0 to 5.0 liters of water are required for each 25 kg bag of Nitotile GPXtra. A slow speed drill fitted with a proprietary mixing paddle is recommended. Add powder to water and mix until a uniform, lump-free consistency is achieved.

Application

Nitotile GPXtra should be spread on the substrate to a uniform thickness of 2-3mm, and then combed horizontally. Place tiles firmly into adhesive bed, ensuring good contact with a twisting motion. Only apply to areas which can be tiled in the adhesive's open wet time (up to 1m² at a time).

Joints

It is recommended that when fixing ceramic tiles, a minimum spacing of 2mm be left around each tile.

Finishing

Remove excess adhesive with a damp cloth before material has set. Joint grouting with Nitotile Grout may be commenced 24 hours after tiles have been laid.

Cleaning

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

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Limitations

Nitotile GPXtra 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 doubt arises concerning temperature or substrate conditions, consult your local Fosroc office.

Estimating

Supply

Nitotile GPXtra : 25 kg bags

Yield

Nitotile GPXtra : 15 liters/ 25 kg bag

Storage

Shelf life

All products have a shelf life of 12 months if kept in a dry store in the original, unopened bags.

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.

Precautions

Health and safety

Nitotile GPXtra contains cement powders which, when mixed with water or upon becoming damp, release alkalis which can be harmful to the skin. During use, avoid inhalation of the dust and contact with the skin or eyes. Wear suitable protective clothing - eye protection, gloves and respiratory equipment (particularly in confined spaces). The use of barrier creams to provide additional skin protection is also advised. In case of contact with the skin, rinse with plenty of clean water, then cleanse thoroughly with soap and water. In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice. If swallowed seek medical attention immediately - do not induce vomiting.

Fire

Nitotile GPXtra is non-flammable.

Disposal

Spillages of component products should be absorbed onto earth, sand or other inert material and transferred to a suitable vessel. Disposal of such spillages or empty packaging should be in accordance with local waste disposal authority regulations.

For further information, refer to the Product Material Safety Data Sheet.

Additional information

Nitotile GPXtra is part of a range of Fosroc tile adhesive and tile grouts. In addition, 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.



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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 Services, copies of which may be obtained on request. Whilst Fosroc endeavours to ensure that any advice, recommendation, specification of information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products, whether or not in accordance with any advice, specification, recommendation of information given by it.

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