



# Nitotile GP

Tropical grade ceramic tile adhesive.

## Uses

NITOTILE GP 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. For use in submerged conditions NITOTILE UW should be used.

## Advantages

- Tropical grade to suit middle east working conditions.
- Good open wet time.
- Good slip resistance.
- High adhesive bond strength.

## Standards Compliance

Laboratory tests show NITOTILE GP conforms to BS 5980:1980 as a type 1 tile adhesive.

## Description

NITOTILE GP is a grey cementitious powder.

## Application instruction

### 1. Surface Preparation

All surfaces must be sound and thoroughly clean before NITOTILE GP is applied. All traces of grease or oil must be removed with FOSROC CHEMICAL DEGREASER. All loose particles of mortar, old wallpaper, paint, etc., must be physically removed.

### 2. Surfaces

NITOTILE GP can be applied directly on concrete, cement screeds, cement or lime mortars. 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 GP should not be used directly on gypsum or gypsum board substrates. Please contact your nearest FOSROC technical representative for advice.

### 3. Mixing

6.0 to 6.5 litres of water are required for each 25 kg sack of NITOTILE GP. A slow speed drill fitted with a suitable mixing paddle is recommended. Add powder to water and mix until a uniform, lump-free consistency is achieved. After mixing the material should be allowed to stand for 5 -

10minutes after which time it should be re-mixed. No further water should be added.

NOTE: Use of chilled water in extreme temperatures will increase open time of NITOTILE GP.

### 4. Application

NITOTILE GP is spread on the substrate to a uniform thickness of 2-3 mm. This is 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 1 m<sup>2</sup> at a time).

### 5. Joints

Ceramic tiles should never be fixed with tight joints. Leave a minimum space of 2 mm around every tile.

### 6. 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.

## Yield

25 kg bag of NITOTILE GP when mixed with 6.25 litres water will yield approximately 18 litres.

## Coverage

When applied at a thickness of 2-3 mm, one bag will cover an area of 6-9 m<sup>2</sup>. This however will be dependent on the conditions of the substrate and the type of tile used.

## Packing

NITOTILE GP is supplied in 25 kg sacks.

## Storage

NITOTILE GP must be stored in dry conditions.

## Health and Safety

NITOTILE GP is cement based. Care should be taken to avoid inhalation of dust and contact with eyes.

## Supply

Contact your local FOSROC office or representative.

# Nitotile GP

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## Technical Service

FOSROC provides a comprehensive technical advisory service supported by a team of field specialists.

## Additional information

NITOTILE GP is part of a range of FOSROC tile adhesives and grouts which include:

- NITOTILE UW - Cementitious ceramic tile adhesive for use in totally submerged conditions.
- NITOTILE Grout - Cementitious grout for filling of tile joints.
- NITOTILE 489 - Epoxy-based chemically resistant tile adhesive and grout.

\* See separate data sheet.

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