

# Nitotile GTA

## Polymer modified high strength adhesive for marble and granite tiles

### Uses

Nitotile GTA is a two part high quality polymer based adhesive for the permanent fixing of granite and marble tiles.

### Advantages

- Prepacked product requiring only direct mixing at site
- High adhesive bond strength - Ideal for vertical and horizontal applications of granite, marble, etc.
- Excellent grab during open time
- Quick fixing - Reduces labour costs
- Can be used in the interior and exterior of buildings

### Application instructions

#### Surface preparation

All surfaces must be sound and thoroughly cleaned before Nitotile GTA is applied. All traces of grease and oil must be removed. All loose particles of mortar, wallpaper, paint etc., must be physically removed. The prepared surface must be wetted with water, prior to application of Nitotile GTA and must attain a saturated surface dry condition.

Nitotile GTA can be applied directly on concrete, cement screeds, cement or lime mortars provided they are strong.

#### Mixing

Take the liquid polymer in a suitable container and add the powder part under mixing. Use a slow speed drill fitted with a paddle to get a uniform lump free consistency. Overmixing can result in air entrainment which should be avoided. Water should not be added to adjust the consistency of the paste.

#### Application

Nitotile GTA is applied on to the prepared substrate and spread with a serrated trowel to achieve a uniform thickness of 3 - 4mm. Place the tiles firmly on to the adhesive bed ensuring total contact with a twisting motion. Choose work areas so that the tiles can be fixed within the open time of the adhesive which is approx. 20 mins at 30 deg.C. Normally granite and marble tiles upto a thickness of 20mm can be fixed in vertical position without problem.

### Properties :

**Specific gravity** : a) Liquid : 1.008 - 1.02 g/cc

b) Powder : 1.9 to 2.0 g/cc

### Finishing

Remove the excess adhesive using a damp cloth before it sets.

Grouting of joints may be commenced 24 hours after the tiles have been fixed.

### Limitations

Nitotile GTA is not recommended for overhead applications. On vertical applications, heavy slabs need proper support till appropriate grab is achieved

Note : Nitotile GTA should not be applied on Gypsum board substrates.

### Estimating

#### Coverage

Approx. 0.8 sq.m for 5 kgs of Nitotile GTA at 3mm thickness.

#### Packaging

Nitotile GTA is supplied in two parts A & B, 5 kg preweighed packings.

#### Storage

Shelf life - 6 months in unopened bags under normal warehouse conditions.

### Precautions

#### Health & Safety

Nitotile GTA is a special cement based material.

Care should be taken to avoid inhalation of dust and contact with skin and eyes during use.

### Additional information

In addition to granite/marble tile adhesives, Fosroc manufactures a wide range of other products which include concrete admixtures, waterproofing membranes, joint sealants, grouts and anchors and specialised flooring materials. Additionally, a wide range of products specifically designed for the repair and refurbishment of damaged reinforced concrete are also available.

For further information, please contact your local Fosroc office.

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## Fosroc Chemicals (India) Pvt. Ltd.

### Head Office

"Sapthagiri Palace", No.38,  
II & III Floor, 12th Cross,  
CBI Road, Ganganagar North,  
Bangalore 560 032

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### telephone

++91 80-23551500

### fax

++91 80-23551510

### e-mail

enquiryindia@fosroc.com

### Regional Offices

#### Bangalore

"Sapthagiri Palace", No. 38  
II & III Floor, 12th Cross,  
CBI Road, Ganganagar North,  
Bangalore 560 032.  
Ph:080-23551500  
Fax : 080-23551510

#### Mumbai

1401/1402, 14floor,  
A-Wing'The Great Eastern Summit'  
Sector-15, CBD, Belapur  
Navi Mumbai 400 614  
Ph: 022 -43406800-04

#### Delhi

D-166 Sector 10  
Noida,  
UP 201 301  
Ph:0120-4270620  
Fax: 033-2499-0280

#### Kolkata

304, Jodhpur Park  
Kolkata 700 068  
Ph:033-65343188

[www.fosroc.com](http://www.fosroc.com)

