



Nitotile LMT*

Latex-modified, thick bed, tile adhesive

Uses

Nitotile LMT is a high quality adhesive for the permanent fixing of tiles. Typical uses include:

- Wet areas - kitchens and bathrooms
- Swimming pools
- Fixing marble tiles
- Fixing heavy elements e.g. brick slips, concrete tiles
- Bridges, underpasses and high rise buildings

Advantages

- Formulated to suit Middle East conditions
- Enhanced bond and tensile strengths
- Good open wet time & slip resistance
- Safe, economical and easy to use
- Water resistant - suitable for submerged conditions
- Early return to service

Standards compliance

Laboratory tests show Nitotile LMT conforms to BS 5980: 1980 Class AA Type 1.

Description

Nitotile LMT is supplied as a two component pack, comprising separate powder and liquid components, which requires only the on-site addition of clean water to produce a consistently high performance adhesive, compatible with most common tile types.

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

Density	: 1.90 kg/m ³
Tensile strength	: 2 N/mm ²
Shear adhesion (BS 5980:1980)	: Min 15 KN
Minimum open time	: 20 minutes

Instructions for use

Surface preparation

All surfaces must be sound and thoroughly clean before Nitotile LMT is applied. All traces of grease, oil and loose particles of mortar, old wallpaper, paint etc. must be physically removed.

Surfaces

Nitotile LMT 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.

Mixing

Measure out 3.4 to 3.7 litres of clean water into a forced action mixer and add the liquid component, mix thoroughly until dispersed. With the mixer in operation, add the powder component to the mix and continue mixing for 2 to 3 minutes until a uniform, lump-free consistency is achieved.

Application

Once mixed, Nitotile LMT is spread on the substrate to a uniform thickness of 5 - 25 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 adhesives open wet time (up to 1 m² at a time).

Joints

It is recommended that when fixing ceramic tiles, a minimum spacing of 2 mm 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 LMT should be removed from tools, equipment and mixers with clean water immediately after use. Cured material can only be removed mechanically.

Limitations

Nitotile LMT 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 arise concerning temperature or substrate conditions, consult your local Fosroc office.

Nitotile LMT*

Estimating

Supply

Nitotile LMT powder	:	20 kg bags
Nitotile LMT liquid	:	0.8 litre liquid

Yield

Nitotile LMT	:	12.4 to 12.8 litres per 20.8 kg pack (depending upon water addition)
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Storage

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

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 LMT 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 LMT is non-flammable

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.

↑ See separate data sheet



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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