



# MYK LATICRETE

Tile & Stone Installation Solutions

## LATICRETE® 1776 GROUT ADMIX PLUS



### PRODUCT DESCRIPTION

Designed for use with LATICRETE 500/600 Series Grout, LATICRETE 1776 Grout Admix Plus is used in place of water to provide a dense, colorfast grout joint that inhibits stain causing bacteria, mold and mildew growth with Microban®. Ideal for all interior and exterior grout applications.

#### Uses

Used in place of water, LATICRETE 1776 Grout Admix Plus improves the performance of portland cement grouts for all types of: ceramic tile, brick, marble, natural stone and agglomerate stone installations.

#### Advantages

- Inhibits stain causing bacteria, mold, and mildew with Microban.
- Easy to clean - cleans easily using a minimal amount of water.
- Inhibits powdering and cracking – provides a more dense and stronger portland cement grout joint.
- Locks in grout color - reduces problems with faded or blotchy color in grouts.
- Water and frost resistant - prevents damage to grouts from weathering, frost and thermal shock.
- Reduces staining.
- Reduces absorption
- Designed for interior and exterior use.
- Extra heavy duty - achieves an “Extra Heavy” floor rating when part of a total LATICRETE ceramic tile installation (ASTM C627).

- Improves flexibility and durability - makes grout more shock resistant.

#### Suitable Substrates

All substrates suitable for Ceramic Tile and Stone.

#### Packaging

- 20 ltr Pail
- 5 ltr – (4x5ltr) – Carton
- 400ml – (10x400ml) – Carton
- 200ml – (20x200ml) - Carton

#### Shelf Life

Factory sealed containers of this product are guaranteed to be of first quality for two (2) years if stored at temperatures >32°F (0°C) and <110°F (43°C).

#### Limitations

- Not for use in areas exposed to harsh chemicals. Use LATAPOXY® 2000 Industrial Epoxy Grout for chemical resistance.
- Adhesives/mastics, mortars and grouts for ceramic tile, pavers, brick and stone are not designed as replacements for waterproof membranes. When a waterproof membrane is required, use a LATICRETE waterproof membrane
- Certain types of tile may be stained by pigment during grouting. Prior to grouting, do a test area to verify cleanability of tile. A sealer or grout release may be required.
- Microban will help keep grout clean “in-between” normal cleanings. It is not a substitute for periodic maintenance

#### Cautions

- During cold weather, protect finished work from traffic until fully cured.
- Keep out of reach of children.
- For safety issues, consult MSDS.

### TECHNICAL DATA

#### Applicable Standard

ANSI A118.7

#### Performance Properties

LATICRETE 1776 Grout Admix Plus mixed with LATICRETE 600 Series Unsanded grout

Test/Test Method	Results
Water Absorption ANSI A118.7-3.4	<5%
Compressive Strength ANSI A118.7-3.5	3500 psi (24 MPa)
TCA Service Rating	Extra Heavy

ASTM C-627	
Linear Shrinkage ANSI A118.7-3.3	<0.1%

### Working Properties

LATICRETE 1776 Grout Admix Plus mixed with LATICRETE 600 series unsanded Grout

Pot Life	1 hour
Time to Foot Traffic	12 hours
Time to Heavy Traffic	72 hours
Wet Density	116 lbs/ft <sup>3</sup> (1860 kg/m <sup>3</sup> )

Specifications subject to change without notification. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site condition

## INSTALLATION

### Surface Preparation

Before grouting, remove spacers and debris in grout joints and remove dust and dirt using a wet sponge. Do not leave water standing in joints. Substrate temperature must be between 40°F (4°C) and 90°F (32°C). Apply grout release or sealer if necessary.

### Mixing - Stir or shake LATICRETE® 1776 Grout Admix Plus thoroughly before use.

Add LATICRETE Sanded Grout (500 Series) or LATICRETE Unsanded Grout (600 Series) powder to proper amount of LATICRETE 1776 Grout Admix Plus and mix by hand or with a slow speed mixer (<300 RPM) to a smooth, stiff consistency.

### Application

Dampen tile surface with water. Spread with a sharp, firm rubber grout float. Work the grout into the joints until completely filled. Use diagonal strokes to pack the joints. Insure that joint is filled and grout is not just sitting on top (i.e. "bridging the joint").

## Cleaning

**Grout Primary Cleaning** - Remove excess grout from the face of the tiles with the edge of the grout float. Hold the float at a 90° angle and pull it at a 45° angle diagonally across the joints and tile to avoid pulling out the material. Let grouts firm up approximately 20 – 30 minutes.

**Grout Secondary Cleaning** - Remove remaining grout with a damp sponge (not wet) or a damp towel. Work diagonally to the joints. Allow to dry. When the grout joints are firm, polish the surface with a coarse nylon pad or coarse cloth and minimal water. **Note:** Use caution when polishing soft glazed tiles or polished stone.

**Cold Weather Note:** The setting of portland cement grouts is retarded by low temperatures. Protect finished work for an extended period when installing in cold weather.

**Hot Weather Note:** The evaporation of moisture in Portland cement grouts is accelerated by hot, dry conditions. Apply grout to dampened surfaces and protect freshly spread grout and finished work when installing in temperatures over 95°F (35°C).

## AVAILABILITY AND COST

### Availability

LATICRETE ® and LATAPOXY ® materials are available worldwide. For distributor information, call:

TELEPHONE: +91-40-30413100

FAX: +91-40-23378784

e-mail: [contact@myklaticrete.com](mailto:contact@myklaticrete.com)

### Cost

Contact a LATICRETE Distributor in your area.

## WARRANTY

MYK LATICRETE India Pvt. Ltd. warrants that LATICRETE 1776 Grout Admix Plus is free from manufacturing defects and will not break down, deteriorate or disintegrate under normal usage for a period of one (1) year from date of purchase subject to the terms and conditions stated in Laticrete Product Warranty

## MAINTENANCE

LATICRETE and LATAPOXY grouts require routine cleaning with a neutral pH soap and water. All other LATICRETE and LATAPOXY materials require no maintenance but installation performance and durability may depend on properly maintaining products supplied by other manufacturers.

## TECHNICAL SERVICES

### Technical assistance

Information is available by calling the LATICRETE Technical Services at:

Telephone: +91-40-30413100

FAX: +91-40-23378784

e-mail :- [contact@myklaticrete.com](mailto:contact@myklaticrete.com)

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