



LATICRETE® 500 SERIES Sanded Grout

Data Sheet 254aus.0

1. PRODUCT NAME

LATICRETE® 500 Series Sanded Grout

2. MANUFACTURER

LATICRETE Pty Ltd.
464 Geelong Road,
Footscray West. VIC. 3012.
Telephone: 03 99336111
Toll Free: 1800331012
FAX: 03 99336199
Email: laticreteoz@laticrete.com.au
Internet: www.laticrete.com.au

3. PRODUCT DESCRIPTION

LATICRETE® 500 Series Sanded Grout mixed with 1776 Grout Admix Plus is a premium sanded grout consisting of a carefully blended mix of Portland Cement, graded aggregates, additives and colour pigments. Designed for non-absorbent & vitreous type tiles with grout joints 3-10mm to provide a grout joint that is dense, hard and durable. Available in a range of architectural colors.

Uses

Ideal for use with quarry tile, pavers, floor brick and ceramic tile. When grouting soft bisque glazed wall tile or marble use LATICRETE 600 Series Non-Sanded Grout. Also available in a range of colors.

Advantages

- Designed for exterior and interior use - ideal for both heavy duty use outdoors and for long lasting beauty indoors.
- Uniform color - LATICRETE Grout colors are specially blended to be uniform in color.
- Weather and frost resistant - resists damage from weathering, frost and thermal shock.
- Part of a complete LATICRETE system that includes materials for every aspect of a tile installation to ensure quality and long lasting performance.
- Load bearing rated for Extra heavy service when part of a LATICRETE ceramic tile installation (ASTM C-627/TCA).

Packaging

2 kg bags, 8 to the carton
10 kg bags, 100 to the pallet

Shelf Life

Factory sealed containers of this product are guaranteed to be of first quality for one (1) year* if stored off the ground in a dry area.

*High humidity will reduce the shelf life of bagged product.

Limitations

- For absorbent tile and marble use LATICRETE Non-Sanded Grout.
- Do not use where chemical resistance is required. Use LATAPOXY 2000 or LATAPOXY SpectraLock.
- Do not use acid to clean colored grout joints.
- For use with LATICRETE 1776 Grout Admix Plus only.

- Jobsite conditions will affect the final color of colored grouts.
- For greater stain resistance use Latapoxy SpectraLock Pro Grouts. For a grout that does not contribute to efflorescence use Latapoxy SpectraLock Pro Grouts.
- Try a small test area to determine final appearance and acceptance before grouting entire installation.
- Certain types of tile are more absorbent than others and may be stained by pigment during grouting. Prior to grouting, test for absorption of color pigment. Porous tiles will need to be sealed prior to grouting.
- Mixing with water or other additives can result in color shade variations.
- Adhesives/mastics, mortars and grouts for ceramic tile, pavers, brick and stone are not replacements for waterproof membranes. When a waterproof membrane is required, use a LATICRETE Waterproof Membrane (see Section 10 Filing Systems).

Cautions

- During cold weather, protect finished work from traffic until fully cured.
- Contains Portland cement and silica sand. May irritate eyes and skin. Avoid contact with eyes or prolonged contact with skin. In case of contact, flush thoroughly with water.
- Do not take internally. Silica sand may cause cancer or serious lung problems. Avoid breathing dust. Wear a respirator in dusty areas.
- Efflorescence is a characteristic of Portland cement and not regarded as a defect.
- Grout colours can vary from batch to batch. Ensure you have enough grout of the same batch to complete the works. Alternatively blend varying batches prior to beginning work.
- Keep out of reach of children.

4. TECHNICAL DATA

Applicable Standard

ANSI A118.6 -1999

Performance Properties

500 Series Sanded Grout mixed with
LATICRETE 1776

Test/Test Method	Results
Water Absorption ANSI A118.6-1999; H 4.4	<5%
Compressive Strength ANSI A118.6-1999; H 4.5	24 MPa
TCA Service Rating ASTM C-627	Extra Heavy
Linear Shrinkage ANSI A118.6-1999; H 4.3	<0.1%

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 conditions.

Working Properties

500 Series Sanded Grout mixed with

LATICRETE 1776 @ 21°C

Pot Life	1 hour
Foot Traffic	5 hours
Heavy Traffic	24 hours
Wet Density	1860 kg/m ³

5. INSTALLATION

Surface Preparation

Before starting to grout 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 4°C and 32°C. Apply grout release or sealer if necessary. Refer to LATICRETE Grout Trouble Shooting Guide for more information on grouting.

Mixing - Stir LATICRETE 500 thoroughly before use.

Use approximately 2 litres of LATICRETE 1776 for 10 kgs of LATICRETE 500 powder. Place LATICRETE 1776 in a clean mixing container and add grout powder slowly. Mix by hand or with a slow speed mixer to a smooth stiff consistency.

Application

Dampen tile surface with water. Spread with a sharp, firm rubber grout float. Work the grout paste 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"). **Note:** For fuller flush joints sprinkle a thin layer of dry grout powder over surface immediately after grouting. When grout darkens over joint, buff with burlap, carpet remnant or cotton rag to pack joint and clean face of tile.

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.

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.

Selecting Other Grout Materials

LATICRETE has grouting materials designed for every use. For installations that require high strength and chemical resistance choose LATAPOXY® 2000 or LATAPOXY SpectraLock Pro. These products are ideal for installations where a more stainless and colorfast grout is desired.

6. AVAILABILITY AND COST

Availability

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

Toll Free: 1800331012
Telephone: 03 99336111

For on-line distributor information, visit LATICRETE at www.laticrete.com.au

Cost

Contact a LATICRETE Distributor in your area.

7. WARRANTY

LATICRETE International warrants that LATICRETE 500 Series Sanded Grout is free from manufacturing defects and will not to break down, deteriorate or disintegrate under normal usage for a period of one (1) year from date of purchase subject to terms and conditions stated in Data Sheet 230.1P LATICRETE Product Warranty.

In addition, when used as a component of a LATICRETE System Installation, that LATICRETE 500 Series Fortified Sanded Grout, is warranted for a period of ten (10) years from the date of purchase subject to the terms and conditions stated in Data Sheet 230.10S LATICRETE System Warranty.

8. 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.

9. TECHNICAL SERVICES

Technical assistance

Information is available by calling the LATICRETE Technical Service Hotline

(hours 8:00 AM to 5:00 PM EST):

Toll Free: 1800331012

Telephone: 03 99336111

FAX: 03 99336199

10. DISCLAIMER

The information contained in this document is given in good faith and to the best of knowledge is true and accurate.

This information is subject to change without notice and it is the responsibility of the user to obtain up to date and current information.

The manufacturer is not responsible for any loss or damage arising from the incorrect usage of this product. Efflorescence is a normal condition of Portland cement and is not covered by any warranty.

No claim for incorrect colour or perceived colour difference will be accepted after the grout has been installed.