



Globally Proven
Construction Solutions

1776 Grout Enhancer

Designed for use with 1500 Sanded Grout and 1600 Unsanded Grout, 1776 Grout Enhancer is used in place of water to provide a dense, colorfast grout joint that inhibits stain causing bacteria, mold and mildew growth.



ADVANTAGES

- Equipped with anti-microbial technology.
- Easy to clean—cleans easily using a minimal amount of water
- Inhibits powdering and cracking—provides a denser 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 and absorption.
- Designed for interior and exterior use.
- "Extra Heavy Service" rating per TCNA performance levels (RE: ASTM C627 Robinson Floor Test).
- Improves flexibility and durability—makes grout more shock resistant.

MANUFACTURER

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USES

- Used in place of water
- Improves the performance of portland cement grouts for all types of: ceramic tile, brick, marble and stone installations
- Ideal for all interior and exterior grout applications

STANDARDS

Applicable Standards: ANSI A 118.7
when mixed with 1500 Sanded grout and Unsanded 1600 grout.

GREENGUARD CERTIFIED



DCLD CERTIFIED



See the technical Data

Packaging,

- **20 L pail;** 36 pails per pallet
- **4L Can** – 4 cans per carton.
30 cartons per pallet.
- **1 L Bottle** – 10 bottles per carton;
52 cartons per pallet.
- **200 ML Bottle** – 10 bottles per carton;
160 cartons per pallet.

Shelf Life

Factory sealed containers of this product are guaranteed to be of first quality for five (5) years if stored indoors at temperatures 0°C - 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 waterproofing membranes. When a waterproofing membrane is required, use a LATICRETE® Waterproofing Membrane (see Section 10 FILING SYSTEMS).
- 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.

Cautions

Consult MSDS for more safety information

- During cold weather, protect finished work from traffic until fully cured.
- In submerged applications or steam rooms, allow 1776 Grout Enhancer and LATICRETE Grout to cure for 14 days at 70°F (21°C) before filing water features with water or use of steam room. See TDS 192 for more information on these applications.
- Keep out of reach of children

TECHNICAL DATA

Total VOC Content pounds/gallon (grams/liter) of product in unused form is <0.02 lb /gal (<2.39 gal/)

GREENGUARD: This product has been certified for Low Chemical Emissions (ULCOM/GG UL2818) under the UL GREENGUARD Certification Program for Chemical Emissions for Building Materials, Finishes and Furnishings (UL 2818 Standard) by UL Environment.

DCLD: This product has been certified for Low Emitting Materials by Dubai Central Laboratory Department (DCLD) of

Dubai Municipality. No.CL20020733: 2017 Al Sa'fat Dubai Green Building Evaluation System.

Working Properties at 21°C

1776 Grout Enhancer mixed with 1500 Sanded / 1600 Unsanded grouts

Pot Life	1 hour
Time to Foot Traffic	24 hours
Time to Heavy Traffic	72 hours
Wet Density	1860 kg/m3

Performance Properties

1776 Grout Enhancer mixed with 1500 Sanded / 1600 Unsanded grouts

Test / Test Method	Results
Water Absorption ANSI A118.7-3.4	<5%
Compressive Strength ANSI A118.7-3.5	24.1 MPa
TCA Service Rating ASTM C-627	Extra Heavy
Linear Shrinkage ANSI A118.7-3.3	<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.

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 4°C and 32°C. Apply grout release or sealer if necessary.

Mixing

Stir or shake 1776 Grout Enhancer thoroughly before use. Add 1500 Sanded Grout or 1600 Unsanded Grout powder to proper amount of 1776 Grout Enhancer and mix by hand or with a slow speed mixer (<300 RPM) to a smooth, stiff consistency.

Mixing Ratio for 1500/ 1600 Series grouts (per 10 kg bags)

- 1500 Sanded Grout: 1.8 L – 2L of 1776 Grout Enhancer
- 1600 Unsanded Grout: 3.4 – 3.6 L of 1776 Grout Enhancer

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 minimum water.

Note: Use caution when polishing soft glazed tiles or polished stone.

Cold Weather Note: low temperatures retard the setting of Portland cement grouts. 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 35°C.

AVAILABILITY AND COST

Availability

LATICRETE® materials are available worldwide.

For distributor information, please contact us by email at: enquiry@laticrete.me or, visit www.laticrete.me

Cost

Contact a LATICRETE® closer distributor to obtain complete information and cost.

WARRANTY

The supplier warrants this product will not deteriorate under normal conditions and use, the warranty validity of two (2) year. The product subject to the terms and conditions stated in the LATICRETE® Product Warranty. Please consult our technical support for further information.

MAINTENANCE

LATICRETE® products are of high quality designed to achieve lasting installations and avoid maintenance, however performance and durability may depend on properly maintaining products, depending of the cleaning products used.

TECHNICAL SERVICES

Technical assistance

For information contact us by email at: enquiry@laticrete.me

Technical and safety literature

To obtain technical and safety literature, please visit our website at: www.laticrete.me

Warning: The information and the instructions in the data sheet, although based on knowledge gained through years of applications, are indicative. LATICRETE® unable to directly control the installation conditions and modalities of application of products, do not assume any liability arising from their implementation. Those who want to use the LATICRETE® products must conduct adequate tests to determine the site specifications. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation method and site conditions.