1500 Sanded Grout

DS-256.0-0314

Globally Proven Construction Solutions



1. PRODUCT NAME
1500 Sanded Grout

2. MANUFACTURER
LATICRETE International, Inc.
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Bethany, CT 06524-3423 USA

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3. PRODUCT DESCRIPTION
1500 Sanded Grout is a premium, factory prepared grout designed to be mixed with water. 1500 Sanded Grout is formulated from a blend of high strength portland cement, graded aggregates, polymers and color-fast pigments and provides a grout joint that is dense, hard and durable.

Uses
- For grout joint widths of 1/16" (1.5 mm) up to 3/8" (9 mm).

Advantages
- Exceeds ANSI A118.6 Specifications.
- Mix with water, or for improved performance fortify with 1776 Grout Enhancer which contains Microban® Anti-Microbial Protection.
- Designed for exterior and interior use - ideal for both heavy duty use outdoors and for long lasting beauty indoors.
- Uniform color - Grout colors are specially blended to be uniform in color.
- Available in a range of exciting colors that should satisfy even the most discriminating tastes.
- Part of a complete system that includes materials for every aspect of a tile installation to ensure quality and long lasting performance.

Packaging
10 lb (4.5 kg) cartons; 4 cartons per tray; 44 trays per pallet
25 lb (11.3 kg) bags; 104 bags per pallet
50 lb (22.7 kg) bags; 54 bags per pallet (selected colors)

Coverage
See Grout Color Chart for coverage information.

Shelf Life
Factory sealed containers of this product are guaranteed to be of first quality for the period of time listed below if stored off the ground in a dry area.
10 lb (4.5 kg) cartons – two (2) years
25 lb (11.3 kg) bags – one (1) year*
50 lb (22.7 kg) bags – one (1) year*
* High humidity will reduce the shelf life of bagged product.

Limitations
- Adhesives/mastics, mortars and grouts for ceramic tile, pavers, brick and stone are not replacements for waterproofing membranes. When a waterproofing membrane is required, use a Waterproofing Membrane (see Section 10 FILING SYSTEM).
- Not for use with absorbent tile. For absorbent tile and polished marble use 1600 Unsanded Grout.
- DO NOT use for chemical resistance. Use SPECTRALOCK® 2000 IG when chemical resistance is required.
- DO NOT use acid to clean colored grout joints.
- Job site conditions will affect the final color of colored grouts. Try a small test area to determine your results before grouting the entire installation.
- Certain types of tile are more absorbent than others and will trap color pigment during grouting.
- Prior to grouting, test for absorption of color pigment. Porous tiles will need to be sealed prior to grouting.
- Selecting Other Grouting Materials: LATICRETE has grouting materials designed for every use. For installations that require high strength and chemical resistance choose SPECTRALOCK 2000 IG. This product is ideal for installations where a stain resistant colorfast grout is desired.
- 1500 Sanded Grout is designed to be mixed with either water or 1776 Grout Enhancer. Do not mix other grout additives with this product. Use of other grout additives may result in color variation and reduced product performance and will void all LATICRETE warranties.

Cautions

Consult MSDS for more safety information.

- 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.
- In submerged applications or steam rooms, allow 1500 Sanded Grout for cure 14 days at 70°F (21°C) before use of area and filing with water. See TDS 192 for more information on these applications.
- DO NOT take internally. Silica sand may cause cancer or serious lung problems. Avoid breathing dust. Wear a respirator in dusty areas.
- Keep out of reach of children.

4. TECHNICAL DATA

VOC/LEED Product Information



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.

Total VOC Content pounds/gallon (grams/liter) of product in unused form is 0.00 lb/gal (0.00 g/ℓ)

Applicable Standard

ANSI A118.6

Performance Properties

1500 Sanded Grout mixed with water (70°F [21°C])

Test/Test Method	Results
Water Absorption ANSI A118.6 4.4	5 – 7%
Compressive Strength ANSI A118.6 4.5	3500–4500 psi (24.1 – 31 MPa)
Linear Shrinkage ANSI A118.6 4.3	<0.2%

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

1500 Sanded Grout mixed with water (70°F [21°C])

Pot Life	1–2 hours
Foot Traffic	12 hours
Heavy Traffic	24 hours
Wet Density	15.9 lb/gal (1.9 g/ml)

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 40°F (4°C) and 90°F (32°C). Apply grout release or sealer if necessary. Refer to TDS 400 "Grout Guide" for more information on grouting.

Mixing

Use approximately 2–2-3/8 quarts (1.9 – 2-1/4 ℓ) of clean potable water for 25 lbs (11.3 kg) of 1500 Sanded Grout powder. Place water in a clean mixing container and add grout powder slowly. Mix by hand or with a slow speed mixer to a smooth stiff consistency. Allow to slake for 5–10 minutes and remix.

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. Ensure 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 exceptional stain resistance in most installations choose SPECTRALOCK® PRO Premium Grout†. For installations that require high strength and chemical resistance choose SPECTRALOCK 2000 IG. These products are ideal for installations where a stain resistant, colorfast grout is desired.

6. AVAILABILITY AND COST

Availability

LATICRETE® and LATAPOXY® materials are available worldwide.

For Distributor Information, Call:

Toll Free: 1.800.243.4788
Telephone: +1.203.393.0010

For on-line Distributor information, visit LATICRETE at **www.laticrete.com**.

Cost

Contact a LATICRETE/LATAPOXY Distributor in your area.

7. WARRANTY

See 10. FILING SYSTEM:

DS 230.13: LATICRETE® Product Warranty

8. MAINTENANCE

LATICRETE® and LATAPOXY® grouts require routine cleaning with a neutral pH soap and water. Contact the cleaner manufacturer if another cleaner type will be used to ensure compatibility with the grout. Installation performance and durability may depend on properly maintaining products supplied by other manufacturers. Routine maintenance can be done with detergents and a sponge or mop. For tough or difficult to remove soil, a bleaching cleaner (e.g. Soft Scrub, Comet, Ajax, etc. or electric dish washing detergent) on a nylon scrubbing pad or a long handled stiff bristle brush can be used. Please note: Prior to using any cleaning material on a tile, etc. installation, test a discrete area or scrap piece of tile to insure desired results. For additional information, please refer to the LATICRETE Grout Guide, TDS 400.

9. TECHNICAL SERVICES

Technical Assistance

Information is available by calling the LATICRETE Technical Service Hotline:

Toll Free: 1.800.243.4788, ext. 235
Telephone: +1.203.393.0010, ext. 235
Fax: +1.203.393.1948

Technical and Safety Literature

To acquire technical and safety literature, please visit our website at **www.laticrete.com.**

10. FILING SYSTEM

Additional product information is available on our website at **www.laticrete.com**. The following is a list of related documents:

DS 230.13: LATICRETE Product Warranty
DS 030.0: SPECTRALOCK® 2000 IG
DS 236.0: 9235 Waterproofing Membrane
DS 258.0: 1600 Unsanded Grout
DS 265.0: 1776 Grout Enhancer
DS 633.0: HYDRO BAN®
DS 681.0: SPECTRALOCK PRO Premium Grout†
TDS 192: Installation of Ceramic Tile in Swimming Pools
TDS 400: Grout Guide

† United States Invention Patent No.: 6881768 (and other Patents)

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