



1500 Tri-Poly Fortified Sanded Grout

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



FEATURES/BENEFITS

- Mix with water, or for improved performance, fortify with 1776 Grout Enhancer which contains MICROBAN Anti Microbial Protection
- Designed for exterior and interior use
- Grout colours are specially blended to be uniform in colour
- Available in a range of exciting colours
- Part of a complete LATICRETE system that includes materials for every aspect of a tile installation to ensure quality and long lasting performance

USES

For grout joints widths of 3mm up to 12mm

PACKAGING/COLOUR

- 20kg bag; 80 bags per pallet
- Available in 40 colours

MANUFACTURER

LATICRETE (Malaysia) Sdn Bhd
#18-08, Faber Tower 2, Jalan Desa Bahagia, Taman Desa
58100 Kuala Lumpur, Malaysia
Tel: +603 7989 9188 Fax: +603 7972 0331
Internet: <https://ma.laticrete.com>



This product has been certified green
under UL GREENGUARD

Approximate Coverage

Refer to Coverage Chart

Actual coverage will vary depending on job site conditions, actual tile size and installed grout joint size. Add 10% for waste, spillage and clean-up, and another 10% - 15% when grouting unglazed quarry tile

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, at temperatures $> 0^{\circ}\text{C}$ and $< 40^{\circ}\text{C}$

* High humidity will reduce the shelf life of bagged product

Limitations

- For use in areas submerged under water, please take note on the balancing of pH content, calcium hardness and total alkalinity
- 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 LATICRETE waterproofing membrane
- Not for use with absorbent tile. For absorbent tile and polished marble, use 1600 Tri-Poly Fortified Unsanded Grout
- DO NOT use 1500 Tri-Poly Fortified Sanded Grout in areas subjected to harsh chemicals, or areas exposed to aggressive cleaning regiments (e.g. steam cleaning)
- DO NOT use acid to clean coloured grout joints
- Job site conditions will affect the final colour of coloured 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 thus might trap the colour pigment during grouting. Prior to grouting, test for absorption of colour pigment. Porous tiles will need to be sealed prior to grouting
- 1500 Tri-Poly Fortified 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 colour 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 Tri-Poly Fortified Sanded Grout to cure for 14 days at 21°C before using of area and filling 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
- In submerged underwater applications, please note that water balancing of pH, total alkalinity and calcium hardness is important to ensure durability of grout

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



255-1420

Total VOC Content in unused form is 0.00lb/gal (0.00g/l)

Performance Properties

(1500 Tri-Poly Fortified Sanded Grout + Water)

Test	Test Method	Results
Shrinkage	BS EN 12808-4	<1.7mm/m
Water Absorption (30 min)	BS EN 12808-5	<1g
Water Absorption (240 min)	BS EN 12808-5	<2g
Compressive Strength	BS EN 12808-3	>19N/mm ²
Flexural Strength	BS EN 12808-3	>4N/mm ²
Abrasion Resistance	BS EN 12808-2	<900mm ³

Working Properties

(1500 Tri-Poly Fortified Sanded Grout + Water)

Pot Life (25°C)	1 Hours
Time to Light Traffic	12 Hours

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 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 8°C and 35°C. Apply grout release or sealer if necessary

Refer to LATICRETE TDS 400 Grout Trouble Shooting Guide for more information on grouting

Mixing

Use approximately 4.4ℓ – 4.8ℓ of clean potable water for 20kg of 1500 Tri-Poly Fortified 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 3 – 5 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 (ie. "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 requires high strength and chemical resistance, choose grout that meets ANSI 118.5 such as SPECTRALOCK 2000 IG

AVAILABILITY AND COST

Availability

LATICRETE materials are available worldwide

For distributor information, call:

Telephone: +603 7989 9188

Fax: +603 7972 0331

For online distributor information, visit LATICRETE at <https://ma.laticrete.com>

Cost

Contact a LATICRETE distributor in your area

WARRANTY

LATICRETE (Malaysia) Sdn Bhd warrants that 1500 Tri-Poly Fortified Sanded Grout 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 subjected to terms and conditions stated

[†] United States Invention Patent No.: 6,881,768 (and other Patents)

MAINTENANCE

LATICRETE recommends using STONETECH® surface products to protect, clean and enhance stone, masonry, tile and grout surfaces. Protect surfaces from common stains by using a STONETECH sealer such as BULLETPROOF® sealer. Routine maintenance should follow with REVITALIZER® Cleaner and Protector or a neutral pH cleaner such as Stone & Tile Cleaners. For tough or difficult to remove soil use KLENZALL™ Cleaner, a nylon scrubbing pad or a long handled stiff bristle brush. For additional information, please refer to the Grout Guide, TDS 400 and TDS 113 Cement Grout Care & Maintenance for more information

TECHNICAL SERVICE/CONTACT

Technical Assistance

Information is available by calling:

LATICRETE (Malaysia) Sdn Bhd
#18-08, Faber Tower 2, Jalan Desa Bahagia,
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Fax: +603 7972 0331
Email: enquiry@laticrete.com.my

Technical and safety literature

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