



Globally Proven  
Construction Solutions

## 1800 Hydrophobic Grout

1800 Hydrophobic Grout is a high performance, polymer fortified, water-repellent unsanded Portland cement grout that provides a grout joint that is dense and hard. 1800 Hydrophobic Grout is color consistent. Designed to be mixed with water or grout admix



### FEATURES/BENEFITS

- Water repellant, minimizing chances of efflorescence
- Non-dusting, non-spalling and non-yellowing
- Improved stain resistant for a cement based grout
- Mix with water; or for improved performance, fortify with 1776 Grout Enhancer
- Dense, colour consistent
- Available in a range of exciting non-fading colors for interior and exterior use
- Easy application and clean-up

### USES

For narrow joints (3 mm or less) between soft bisque glazed wall tile, non-vitreous clay tile, marble and stone.

### MANUFACTURER/ DISTRIBUTED BY

LATICRETE South East Asia Pte Ltd  
No. 38 Sungei Kadut, Street 2 (Level 2, A3) Singapore 729245  
Telephone: +65 6515 3028 Fax: +65 6515 3037  
Internet: [se.laticrete.com](http://se.laticrete.com)

### STANDARDS/CERTIFICATIONS

ANSI A118.6, American National Standard Specifications for Standard Cement Grouts for Tile Installation

### 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°C and <40°C.

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

### Packaging

20kg /bag

### 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.

### Limitations

- For use in areas submerged under water, please take note on the balancing of PH content, calcium hardness & total alkalinity.
- Do not use where chemical resistance is required. Instead, use SpectraLock Pro Grout.
- Do not use acid to clean colored grout joints.
- Do not allow grout to harden on the face of the tile; clean promptly.
- Jobsite conditions can affect the final color of colored grouts. Try a small test area to determine your results before grouting entire installation.
- Certain types of tile are more absorbent than others and may stain during grouting. Prior to grouting, test a tile with the grout selected. Use a grout release or sealer if required.
- 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.
- Actual color shade, and texture may vary due to job site conditions, installation technique and raw material. The colors of cured material may not match and in some cases differ considerably between the actual colors achieved on site. No responsibility can be accepted once the products have been applied. Rest assures that essential controls are taken during the production of the product colors.
- Color and gloss retention of the coating finish may vary depending on type of color, subject to environmental exposures such as temperature, UV intensity, chemical spills, application quality and generic type of resinous finish. Contact LATICRETE Technical representative for further information.

### Cautions

Consult SDS for more safety information.

- During cold weather, protect finished work from traffic until fully cured.
- Contains Portland cement. 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 1800 Hydrophobic Grout to cure for 14 days at 21°C before usage of area and filing with water.
- Keep out of reach of children.
- Do not take internally. Silica sand may cause cancer or serious lung problems. Avoid breathing dust. Wear a respirator in dusty areas.
- Grout may scratch soft glazed or polished surfaces. Conduct a test area to verify results.
- 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

#### Performance Properties

1800 Hydrophobic Grout mixed with water

Test	Test Method	Results
Shrinkage	ANSI A118.6	<0.2%
Water Absorption (30 min)	ANSI A118.6	<0.3%
Water Absorption (240 min)	ANSI A118.6	<0.4%
Compressive Strength	ANSI A118.6	>26N/mm <sup>2</sup>
Flexural Strength	ANSI A118.6	>8N/mm <sup>2</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 conditions.

#### Working Properties

Pot Life	1 hour
Foot Traffic	12 hours

### 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 Grout Troubleshooting Guide for more information on grouting.

#### Mixing

Use approximately 6.0e - 6.5e of clean potable water for 20kg of 1800 Hydrophobic 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 (i.e. "bridging the joint"). If the grout begins

to stiffen during installation, remix with drill mixer for 10–15 seconds. DO NOT ADD MORE WATER!

### Cleaning

**Grout Primary Cleaning**— Wait 15–20 minutes. Begin initial cleaning by lightly wiping down entire area to be cleaned with a damp sponge. 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. If grout is to be sealed, LATICRETE generally recommends waiting a minimum of a 48 hours prior to sealing 1800 Hydrophobic Grout, or any other cement-based LATICRETE grout; however, we suggest deferring to the written recommendations of the sealer manufacturer to make the final determination, as certain sealers may require the cement grout to cure for an extended period of time.

### Selecting Other Grout Materials

LATICRETE has grouting materials designed for every use. For maximum stain resistance in most installations choose SpectraLOCK® PRO Grout. For installations that require high strength and chemical resistance choose SpectraLock 2000 IG.

### AVAILABILITY AND COST

#### Availability

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

**Telephone:** (65) 6515-3028

**Fax:** (65) 6515-3037

For on-line distributor information, visit LATICRETE at [se.laticrete.com](http://se.laticrete.com)

#### Cost

Contact a LATICRETE Distributor in your area.

### WARRANTY

LATICRETE SOUTH EAST ASIA PTE LTD warrants that 1800 Hydrophobic 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 subject to the terms and conditions stated in Data Sheet.

### 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/ CONTACT

#### Technical Assistance

Information is available by calling:

LATICRETE South East Asia Pte Ltd

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(Level 2, A3)

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#### Technical and safety literature

To acquire technical and safety literature, please visit our website at

[se.laticrete.com](http://se.laticrete.com)