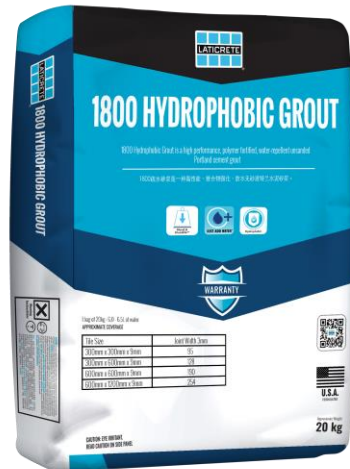




# 1800 Hydrophobic Grout

LATICRETE 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. LATICRETE 1800 Hydrophobic Grout is colour consistent. Designed to be mixed with water or grout admix



## FEATURES/BENEFITS

- Water repellent, 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 LATICRETE 1776 Grout Enhancer
- Dense, colour consistent
- Available in a range of exciting non-fading colours for interior and exterior use
- Easy application and clean-up

## USES

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

## 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>

### 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
- DO NOT use 1800 Hydrophobic 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
- Do not allow grout to harden on the face of the tile; clean promptly

### 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 1800 Hydrophobic Grout to cure for 14 days at  $21^{\circ}\text{C}$  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
- 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 + Water)

Test	Test Method	Results
Shrinkage	ANSI A118.6	$< 2\%$
Water Absorption (30 min)	ANSI A118.6	$< 0.3\%$
Water Absorption (240 min)	ANSI A118.6	$< 0.4\%$
Compressive Strength	ANSI A118.6	$> 26\text{N}/\text{mm}^2$
Flexural Strength	ANSI A118.6	$> 8\text{N}/\text{mm}^2$

### Working Properties

(1800 Hydrophobic Grout + Water)

Pot Life ( $25^{\circ}\text{C}$ )	1 Hour
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  $8^{\circ}\text{C}$  and  $35^{\circ}\text{C}$ . Apply grout release or sealer if necessary

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

### Mixing

Use approximately 6.0ℓ — 6.5ℓ of clean potable water for 20kg of 1800 Hydrophobic 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 (ie. “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 LATICRETE 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 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 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 subjected to terms and conditions stated

## 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 SERVICE/CONTACT

### Technical Assistance

Information is available by calling:

LATICRETE (Malaysia) Sdn Bhd  
#18-08, Faber Tower 2, Jalan Desa Bahagia,  
Taman Desa, 58100 Kuala Lumpur,  
Malaysia

Telephone: +603 7989 9188

Fax: +603 7972 0331

Email: [enquiry@laticrete.com.my](mailto:enquiry@laticrete.com.my)

### Technical and safety literature

To acquire technical and safety literature, please visit our website at <https://ma.laticrete.com>

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