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 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 1776 Grout Enhancer
- Dense, colour consistent
- Available in a range of exciting non-fading colors for interior and exterior use.
- Easy application and cleanup

**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 (Level 2, A3)
No. 38 Sungei Kadut, Street 2, Singapore 729245
Telephone: +65 6515 3028 Fax: +65 6515 3037
Internet: 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 cleanup, 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 Spectrolock 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

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 filling with water.
- Keep out of reach of children.
- Do not use 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

<table>
<thead>
<tr>
<th>Test</th>
<th>Test Method</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shrinkage</td>
<td>ANSI A118.6</td>
<td>&lt;0.2%</td>
</tr>
<tr>
<td>Water Absorption 30 min</td>
<td>ANSI A118.6</td>
<td>&lt;0.3%</td>
</tr>
<tr>
<td>Water Absorption 240 min</td>
<td>ANSI A118.6</td>
<td>&lt;0.4%</td>
</tr>
<tr>
<td>Compressive Strength</td>
<td>ANSI A118.6</td>
<td>&gt;26N/mm²</td>
</tr>
<tr>
<td>Flexural Strength</td>
<td>ANSI A118.6</td>
<td>&gt;8N/mm²</td>
</tr>
</tbody>
</table>

Specifications subject to change without notice. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions.

Working Properties
<table>
<thead>
<tr>
<th>Pot Life</th>
<th>1 hour</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foot Traffic</td>
<td>12 hours</td>
</tr>
</tbody>
</table>

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 sloke 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 online distributor information, visit LATICRETE at 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
(Level 2, A3)
No. 38 Sungei Kadut Street 2, Singapore 729245
Telephone: (65) 65153028
Fax: (65) 65153037
Email: enquiry@laticrete.com.sg

Technical and safety literature
To acquire technical and safety literature, please visit our website at se.laticrete.com