# Seamless Grout

Seamless Grout is an epoxy grout which enable to be polished and this product also able to be customized as a translucent grout. The product provides high performance, durability, seamless finish, colour uniform and good stain resistance properties with ease of application.

## FEATURES/BENEFITS

- Meets performance requirements of ANSI A118.3-1999
- 30 – 45 minutes working time at 21-35°C
- Uniform color
- Easy maintenance
- Chemical-resistant
- Stain-resistant
- Durable and crack-resistant
- Alternative to cement based grout
- Able to be customized as translucent grout

## USES

- Stones applications.
- Interior application.
- Floors and walls
- Residential/Commercial

## MANUFACTURER/ DISTRIBUTED BY

LATICRETE South East Asia Pte Ltd (Level 2, A3)
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Internet: sa.laticrete.com

## STANDARDS/CERTIFICATIONS

- ANSI A118.3
- ASTM C579
- ASTM C580
Packaging
Part A: 4 x 0.5kg
Part B: 4 x 1kg
Part C: 8 x 2.05kg (Seamless Grout)
8 x 2.5kg (Translucent Grout)

Approximate Coverage
Refer to Coverage Chart.
Actual coverage will vary depending on 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.

Shelf Life
Factory sealed containers of this product Part A, Part B and Part C are guaranteed to be of first quality for one year* if stored at temperatures greater than 0°C and less than 35°C.
* High humidity will reduce the shelf life of bagged product.

Limitations
- Not for use in areas subjected to aggressive chemicals and aggressive cleaning agent (e.g. steam cleaning). Not for use on floor and base areas in veterinary clinics, kennels, or in applications exposed to high concentrations of food and mineral acids or areas exposed to high temperatures. For these areas LATICRETE recommends using grout that meets ANSI A118.5 such as LATAPOXY® 2000 Industrial Grout.
- Epoxy grout for ceramic tile and stone is not a replacement for a waterproofing membrane. When a waterproofing membrane is required, use a LATICRETE Waterproofing Membrane.

Cautions
- DO NOT add water or any other material to the mixture, or re-temper with water. This will have an adverse effect on the product and void all warranties.
- Protect finished work from traffic until fully cured.
- Seamless Grout liquid components might irritate eyes and skin. Avoid contact with eyes and/or prolonged contact with skin. Wear protective gear (gloves, long sleeve shirt, and safety glasses) when applying. Flush thoroughly with water in case of initial contact.
- DO NOT ingest internally. Silica sand may cause cancer or serious lung problems. Avoid breathing dust. Wear a respirator or dust mask. See MSDS for more information.
- Keep out of reach of children.
- Protect from freezing.
- Maximum stain resistance is achieved in seven days at 21°C. Protect from exposure to acids (such as mustard, salad dressing, etc.) and strong cleaners during this period.
- Protect grout from dirt, construction debris, and contamination for 7 days @ 21°C.
- Some soft polished marble or delicate glazed or glass tile might be scratched by Seamless Grout during installation. Apply a small test area to determine results before grouting entire installation.
- In steam rooms (<60°C) or submerged applications, allow Seamless Grout to cure for 10 days at 21°C before use of area and filling with water. See TDS 192 for more information on these applications.
- Seamless Grout is resistant to staining when exposed to most household products and cleaners (e.g. ketchup). However, long term exposure to any material without proper cleaning and maintenance will increase the probability of stains.

TECHNICAL DATA
Performance Properties © 28 Days

<table>
<thead>
<tr>
<th>Test</th>
<th>Test Method</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shrinkage</td>
<td>ANSI A118.31999</td>
<td>&lt; 0.1%</td>
</tr>
<tr>
<td>Shear Bond Strength @ 14 days</td>
<td>ANSI A118.3-2011</td>
<td>&gt;13N/mm²</td>
</tr>
<tr>
<td>Compressive Strength</td>
<td>ASTM C579</td>
<td>&gt;77N/mm²</td>
</tr>
<tr>
<td>Flexural Strength</td>
<td>ASTM C580</td>
<td>&gt;45N/mm²</td>
</tr>
<tr>
<td>Thermal Shock @ 7 days</td>
<td>ANSI A118.32011</td>
<td>&gt;9N/mm²</td>
</tr>
</tbody>
</table>

Working Properties © 35°C

<table>
<thead>
<tr>
<th>Property</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working Time</td>
<td>30 minutes</td>
</tr>
<tr>
<td>Pot Life</td>
<td>1 hour</td>
</tr>
<tr>
<td>Time for light traffic</td>
<td>8 hours</td>
</tr>
<tr>
<td>Ready for polishing</td>
<td>48 hours</td>
</tr>
<tr>
<td>Full Cure</td>
<td>7 days</td>
</tr>
</tbody>
</table>

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
All surfaces should be structurally sound, clean and free of all dirt, oil, grease, loose peeling paint, concrete sealers or curing compounds.

Mixing
Pour the liquids Part A & Part B into a clean pail. Mix liquid thoroughly completely blending all of the liquid from the sides and the bottom of the pail by using a margin trowel or slow speed drill mixer (<300RPM). (Part A & B liquid are packed in the correct proportion of 1:2 respectively) Add Part C (colour powder/additives) into blended AB liquid and mix thoroughly to form a paste. After mixing, allow the epoxy grout mix to slope for 1-2 minutes before starting on the application of grout.

Application
Seamless Grout
Work the epoxy grout into the joints with a hard rubber float or steel spatula. All grout shall be fully compacted into the joints leaving no void. Protect finished work from other trades and/ or airborne dust and debris for 4 hours. Allow grout in the tile joints to have a minimum of 2 days curing before allowing for polishing application. Prior to polishing, ensure the surface is clean and free of all dirt.

Translucent Grout
Work the epoxy grout into the joints with a hard rubber float or steel spatula. All grout shall be fully compacted into the joints leaving no void. Protect finished work from other trades and/ or airborne dust and debris for a minimum of 6 hours. After 30 minutes of application, use...
STONECH Heavy Duty Coating Stripper to clean the grout haze. A final cleaning is required, after 1 hour from the initial cleaning.

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

**Cost**
Contact a LATICRETE Distributor in your area.

**WARRANTY**
LATICRETE SOUTH EAST ASIA PTE LTD warrants that SEAMLESS 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:

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**Technical and safety literature**
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