



**For the Builders
of a Better World™**

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
- Enable cracks filling**
- Enable seals the porous, pits and cracks to stone and polishing to finish**

** Applicable for Part A and Part B only. Consult LATICRETE Technical Services for more information

USES

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

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

STANDARDS/CERTIFICATIONS

- ANSI A118.3
- ASTM C579
- ASTM C580

Packaging

Part A: 4 x 0.6kg

Part B: 4 x 1kg

Part C: 8 x 2.10kg (Seamless Grout)

8 x 2.75kg (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 clean-up, 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 $\geq 0^{\circ}\text{C}$ to $\leq 40^{\circ}\text{C}$.

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

Limitations

- Not for use in areas subjected to aggressive chemicals and aggressive cleaning agents (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 IG.
- 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.
- 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

- 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 ($<60^{\circ}\text{C}$) or submerged applications, allow Seamless Grout to cure for 10 days at 21°C days before use of area and filing 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

Test	Test Method	Results
Shrinkage	ANSI A118.3-1999	< 0.1%
Shear Bond Strength @ 14 days	ANSI A118.3-2011	>13N/mm ²
Compressive Strength	ASTM C579	>77N/mm ²
Flexural Strength	ASTM C580	>45N/mm ²
Thermal Shock @ 7 days	ANSI A118.3-2011	>9N/mm ²

Working Properties

Working Time	30 minutes
Pot Life	1 hour
Time for light traffic	8 hours
Ready for polishing	48 hours
Full Cure	7 days

Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions.

INSTALLATION

Surface Preparation

The recommended surface temperature range during application is typically between 5°C to 40°C . 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 the liquids thoroughly, ensure blending all of the liquid from the sides and the bottom of the pail by using a margin trowel or slow speed drill mixer ($<300\text{RPM}$). (Part A & B liquid are pre-weighted to the correct proportion of 0.6:1.0 respectively) Add Part C, 2.1kg (colour powder/additives) into blended A/B liquid and mix thoroughly to a

paste-like texture. After mixing, commence the application of grout and fill the pointings using a rubber float.

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 cure for 2 days. Commence polishing subsequently after curing. 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 STONETECH Heavy Duty Coating Stripper to clean the grout haze. A final cleaning is required, after an hour interval from the initial cleaning is done.

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

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:

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

Email: enquiry@laticrete.com.sg

Technical and safety literature

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

se.laticrete.com

Disclaimer

LATICRETE is not responsible for product use beyond its intended application. Liability is limited to replacing defective materials. We are not responsible for any loss or damage resulting from improper use. Product specifications are subject to change without notice. For the most up-to-date information, please visit our website at se.laticrete.com.