



PERMACOLOR® Grout

PERMACOLOR Grout is a high performance, fast setting grout that provides a grout joint that is dense and hard. PERMACOLOR Grout is colour consistent and equipped with Anti-Microbial Protection. As a grout, mix with water only.

Globally Proven Construction Solutions



FEATURES/BENEFITS

- Consistent colour
- Fast setting
- Mixes with water only
- Ideal for floors and walls (joint widths of 1.5 mm to 12 mm)
- Inhibits mould and mildew with anti-microbial protection
- Improved stain resistance for a cement based grout
- Interior and exterior applications
- Residential and commercial
- Certified Low VOC
- Can be mixed with 4237 Latex Additive and used as a coloured adhesive

PACKAGING/COLORS

- 5 kg bag; 4 bags per carton; 40 cartons per pallet.
Available in top 12 colours.
- 10 kg bag; 100 bags per pallet
Available in top 20 colours.

Note: PERMACOLOR Select[®] is available in more than 40 colours. Refer to the Grout Selector on our website: www.laticrete.com.au for complete colour selection information.

USES

- Ceramic tile, glass tile and stone
- Residential and commercial
- Interior and exterior
- Floors and walls
- Ideal for re-grouting applications
- Swimming pools, fountains and other wet area applications

MANUFACTURER

LATICRETE Australia
29 Telford Street
Virginia, QLD 4014 Australia

Telephone: 07 3865 1599
Toll Free: 1800 331 012
Fax: 07 3865 2250
Internet: www.laticrete.com.au

^ United States Patent No.: 6,784,229 (and other Patents).

Shelf Life

Factory sealed paper bags (10kg) of this product are guaranteed to be of first quality for one (1) year* if stored off the ground in a dry area.

Factory sealed plastic bags (5kg) of this product are guaranteed to be of first quality for eighteen (18) months* if stored off the ground in a dry area.

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

Limitations

- Adhesives/mastics, mortars and grouts for ceramic tile, pavers brick and stone are not designed as replacements for waterproofing membranes. When a waterproof membrane is required, use a LATICRETE Waterproof System.
- Use SPECTRALOCK® 2000 IG when chemical resistance is required.
- 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 will trap colour pigment during grouting. Prior to grouting, test for absorption of colour pigment. Porous tiles will need to be sealed prior to grouting. Test polished porcelain tiles for staining prior to use.
- Selecting Other Grouting Materials: LATICRETE has grouting materials designed for every use. For installations that require chemical resistance, high strength, good cleanability and colour consistency choose SPECTRALOCK PRO Premium Grout. This product is ideal for installations where a stain resistant colourfast grout is desired.
- Note: Surfaces must be structurally sound, stable and rigid enough to support ceramic/stone tile, thin brick and similar finishes. Substrate deflection under all live, dead and impact loads, including concentrated loads, must not exceed L/360 for thin bed ceramic tile/brick installations or L/720 for thin bed stone installations where L = span length. See TDS1011 for more details.

Cautions

- Consult SDS 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.
- Do not take internally. Silica sand may cause cancer or serious lung problems. Avoid breathing dust. Wear a respirator in dusty areas.
- Ensure you have sufficient grout of the same batch for each area to be grouted. Where necessary to maintain colour consistency, mix batches of dry grout powder before adding water.
- Grout may scratch soft glazed or polished surfaces. Conduct a test area to verify results.
- In immersed applications or steam rooms allow PERMACOLOR Grout to cure for 14 days at 21 °C before use of area. See TDS1006 for more information on these applications.
- Keep out of reach of children.

TECHNICAL DATA

VOC Information

Green Building Council of Australia Green Star Office Design. VOC: 8 grams/litre.

Applicable Standards

ISO AS 13007.3&4

PERMACOLOR Grout meets and exceeds the requirements of a CG2WAF.

ISO AS 13007.1&2

PERMACOLOR Grout, when gauged with 4237 Latex Additive, meets and exceeds the requirements of a C2TFS1 tile adhesive.

Working Properties at 21 °C

PERMACOLOR® Grout when mixed with water.

PROPERTY	VALUE
Pot Life	50 minutes
Final Set	3 hours
Time to Foot Traffic	6 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

Unless otherwise stated in this document, LATICRETE technical data sheets and guidelines, all work should be in accordance with AS3958.

Surface Preparation

Before starting to grout, remove spacers, debris or anything that will impede the required grout depth. Remove dust and dirt from tile joints and tile surface using a wet sponge. Do not leave water standing in joints. Substrate temperature must be between 4 °C and 32 °C. Apply grout release or sealer if necessary. Refer to TDS1400 for more information on grouting.

Mixing

As a Grout: Use approximately 1.7 litres of clean potable water for 10 kg of PERMACOLOR Grout; Or, approximately 0.85 litres of clean potable water for 5 kg of PERMACOLOR Grout. No additive required. Do not use with Grout Enhancer or any other latex additive. Place water in a clean mixing container and add grout powder. Mix with a slow speed drill mixer (300 rpm) for 1 minute. Wait for 5 minutes and remix with drill for 1 minute.

As a Tile Adhesive: use approximately 2.5 litres of 4237 Latex Additive for 10 kg of PERMACOLOR Grout; or approximately 1.25 litres for 5 kg of PERMACOLOR Grout. Do not dilute Latex Additive with water. Place 4237 Latex Additive in a clean mixing container and add grout powder. Mix to a smooth, trowelable consistency with a slow speed drill mixer (300 rpm) and allow the adhesive to slake for 5 minutes. Adjust consistency if necessary. Remix and apply with the proper sized notched trowel. For application instructions refer to the 4237 Latex Additive Product Data Sheet DS 1079.

Application

Clean tile surface with a damp sponge. Spread with a sharp, firm rubber grout float or wall float for narrow wall joints. To remove excess grout hold the float at a 90° angle and pull it at a 45° angle diagonally across the joints to avoid pulling out the material.

Note: If the grout begins to stiffen during installation, remix with drill mixer for 10 – 15 seconds. DO NOT ADD MORE WATER!

Cleaning

Wait 15 – 20 minutes at 21 °C. For wider joints or cooler temperatures wait longer (25 – 30 minutes) Begin initial cleaning by lightly wiping down entire area to be cleaned with a damp sponge. Wash with a damp sponge (not wet). Work diagonally to the joints. Allow to dry 3 hours at 21 °C. For second cleaning use a damp sponge or dry cloth to remove remaining grout haze.

Note: Use caution when polishing soft glazed tile or polished stone. If the tile is to be sealed or the grout is to be further sealed, LATICRETE generally recommends waiting a minimum of a 72 hours at 21 °C prior to sealing with the appropriate STONETECH® sealer.

Cold Weather Note

The setting of Portland cement adhesives, mortars and grouts are retarded by low temperatures. Protect finished work for an extended period when installing in cold weather. For faster setting adhesives use LATICRETE® Rapid Setting Thin-Set Adhesives and Additives. Do not set tile when surface temperature is below freezing or when substrate is frozen.

Hot Weather Note

The evaporation of moisture in Portland cement adhesives, mortars and grouts is accelerated by hot, dry conditions. Apply to dampened surfaces and protect freshly spread mortar and finished work when installing in temperatures over 35 °C.

Cleaning

Clean tools and tile work with water while grout is fresh.

AVAILABILITY AND COST

Availability

LATICRETE and LATAPOXY® materials are available worldwide.

For Distributor information:

Toll Free: 1800 331 012

Telephone: 07 3865 1599

For online distributor information, visit LATICRETE at www.laticrete.com.au

Cost

Contact a LATICRETE Distributor in your area.

MAINTENANCE

LATICRETE and LATAPOXY grouts require routine cleaning with a neutral pH detergent and water. All stone and tiles should be maintained and sealed with STONETECH® products as appropriate for the specific tile / stone and installation situation.

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

Technical assistance

Information is available by calling:

Toll Free: 1800 331 012

Telephone: 07 3865 1599

Fax: 07 3865 2250

Technical and safety literature

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

www.laticrete.com.au

DISCLAIMER

- The information contained in this document is given in good faith and to the best of our knowledge is true and accurate.
- This information is subject to change without notice and it is the responsibility of the user to obtain up to date and current information.
- The use of this product is beyond our control and LATICRETE is not responsible for any loss or damage arising from the incorrect use of this product.
- Efflorescence is a normal condition of Portland cement and is not covered by any warranty. The use of LATAPOXY 310 Stone Adhesive, LATAPOXY 300 Adhesive, LATAPOXY SP-100, SPECTRALOCK PRO Premium Grout¹ and SPECTRALOCK 2000IG will not contribute to any noticeable efflorescence.

LATICRETE Australia
29 Telford Street, Virginia
QLD 4014 Australia

1800 331 012
www.laticrete.com.au

¹ United States Patent No.: 6,881,768 (and other Patents).