



# Permacolor Grout

DS-250.au-0211



## 1. PRODUCT NAME

LATICRETE® Permacolor Grout 2500 series

## 2. MANUFACTURER

LATICRETE Pty. Ltd.

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Virginia, QLD 4014 AUSTRALIA

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## 3. PRODUCT DESCRIPTION

LATICRETE Permacolor Grout is a high performance, fast setting grout that provides a grout joint that is dense and hard. LATICRETE Permacolor Grout is colour consistent. Mix only with water.

### Advantages

- Consistent Colour
- Fast Setting
- Mixes With Water Only
- Ideal For Floors and Walls (Joint Widths of 1.5mm to 12mm)
- Component of LATICRETE 15 Year Residential Warranty (see DS-230.15R)
- Improved Stain Resistance for a Cement Based Grout
- Interior and Exterior Applications
- Residential and Commercial
- Conforms to ISO 13007 and EN 13888 CG2WA classification.

### Packaging

10 kg bags

### 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.

### Limitations

- 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
- 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/480 for thin bed stone installations where L=span length
- Use LATICRETE 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.
- Selecting other grouting materials: LATICRETE has grouting materials designed for every use. For installations that require high strength and chemical resistance choose LATICRETE SpectraLOCK 2000 IG. This product is ideal for installations where a stain resistant colourfast grout is desired.

### 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.
- Do not take 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 applications or steam rooms allow LATICRETE Permacolor Grout to cure for 14 days at 21°C before use of area. See TDS 192 for more information on these applications
- Keep out of reach of children

## 4. TECHNICAL DATA

### Applicable Standard

EN 13888, ISO 13007 & AS 4992.2

### Physical Properties

Test	Result
28 day cure abrasion resistance	93 mm <sup>3</sup>
28 day cure flexural strength	10.4 mpa
28 day cure compressive strength	33.8 mpa
28 day cure shrinkage	1.5 mm/m
28 day water absorption soaked 30 min	0.45 g
28 day water absorption soaked 240 min	0.7 g

### Working Properties

Pot Life	40-60 min at 21°C
Final Set	3 hrs
Heavy Foot Traffic	6 hrs

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.

## 5. 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. Note: when grouting in hot weather refer to LATICRETE Technical Data Sheet 176 Hot Weather Tiling and Grouting. Substrate temperature must be between 4°C and 32°C. Apply grout release or sealer if necessary. Refer to LATICRETE Grout Troubleshooting Guide for more information on grouting.

### Mixing

Use approximately 1.7 litres of clean potable water for 10 kg of LATICRETE Permacolor Grout. No additive required. Do not use with LATICRETE 1776 Grout Enhancer or any other latex additive. Place water in clean mixing container and add grout powder. Mix with a slow speed drill mixer (300 rpm) for 1 minute. Wait 5 minutes and remix with drill for 1 minute.

### Application

Clean tile surface with 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 for 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 tiles or polished stone. If grout is to be sealed, LATICRETE generally recommends waiting a minimum of 48 hours at 21°C prior to sealing LATICRETE Permacolor Grout; however, we suggest deferring to the written recommendations of the sealer manufacturer to make the final determination, as certain sealers may require a cement grout to cure for an extended period of time.

## 6. AVAILABILITY AND COST

### Availability

LATICRETE and LATAPOXY materials are available worldwide. For Distributor information:

Toll Free: 1.800.331.012  
Telephone: +617.3865.1599

### Cost

Contact a LATICRETE Distributor in your area.

## 7. WARRANTY

A component of:

DS 230.10: 10 Year Product Warranty  
DS 230.15R: 15 Year Residential Warranty

## 8. 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.

## 9. TECHNICAL SERVICES

### Technical assistance

Information is available by calling

Toll Free: 1.800.331.012  
Telephone: +617.3865.1599  
Fax: +617.3865.2250

### Technical and safety literature

To acquire technical and safety literature, please visit our website at [www.laticrete.com.au](http://www.laticrete.com.au)

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