



# PERMACOLOR® Select

DS-1162-0615



## 1. PRODUCT NAME

PERMACOLOR® Select

## 2. MANUFACTURER

LATICRETE Pty Ltd.  
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](http://www.laticrete.com.au)

## 3. PRODUCT DESCRIPTION

PERMACOLOR Select is an advanced high performance cement grout that offers the industry's first dispensable dry pigment solution. PERMACOLOR Select is designed for virtually all types of residential and commercial installations and offers optimum performance on the most demanding exterior or interior applications. Easy to mix, grout and clean, PERMACOLOR Select is fast setting and is suitable for joints 1.5 mm – 12 mm wide on floors or walls.

### Advantages

- No Sealing Required – Equipped with STONETECH® Sealer Technology
- Vibrant consistent colour – minimises efflorescence
- Reinforced with Kevlar® – crack & shrink resistant
- Fast setting – ready for foot traffic in as little as 3 hours
- GREENGUARD® certified – low VOC
- Equipped with Anti-Microbial protection
- LATICRETE® Lifetime Warranty available
- PERMACOLOR Colour Kit – Available in all 40 colours (10 x carton) plus top competitor colours!

### Packaging

- Base - 11.3 kg bag
- Base - 5.6 kg bag
- Colour Packs - 2 x 100 g cartons

### Shelf Life

Factory sealed containers of this product are guaranteed to be of first quality for the time period listed below if stored off the ground in a dry area.

- 11.3 kg & 5.6 kg bags – one (1) year
- 220 g colour kit – two (2) years

### 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.
- 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.
- Selecting other grouting materials: LATICRETE has grouting materials designed for every use. For installations that require high strength and chemical resistance choose SPECTRALOCK 2000 IG. 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/480 for thin bed stone installations where L=span length.

### 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 PERMACOLOR Select to cure for 14 days at 21°C prior to filling with water or exposing to steam. See TDS 1006 for more information on immersed tile installation.
- Keep out of reach of children.

## 4. TECHNICAL DATA

### VOC/LEED Product Information



This product has been certified for Low Chemical Emissions (ULCOM/GG UL2818) under the UL GREENGUARD Certification Program for Chemical Emissions for Building Materials, Finishes and Furnishings (UL 2818 Standard) by UL Environment.

### Applicable Standards

ISO 13007.3 & 4 – meets and exceeds the requirement of a CG2WAF.

Physical Properties	
Tensile Strength (28 Days)	3.5 MPa
Compressive Strength (28 Days)	24.1 MPa
Flexural Strength (28 Days)	8.62 MPa
Linear Shrinkage (7 Days)	0.1 %
Water Absorption (28 Days)	2.8%

Working Properties	
Pot Life	45–60 min at 21°C
Final Set	3–4 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 TDS 1018 Hot Weather Tiling and Grouting. Substrate temperature must be between 4°C and 32°C. Apply grout release or sealer if necessary. Refer to TDS 1400 Grout Guide for more information on grouting.

### Mixing

Use approximately 1.9L – 2.1L of clean potable water for 2 PERMACOLOR Select Colour Packs and 11.3kg of PERMACOLOR Select Grout Base. Do not use with 1776 Grout Enhancer or any other latex additive. Place water in a clean mixing container. Remove Colour Packs from the cardboard container as well as the protective plastic sleeve. The internal bag is a water dispersible pack – when using the 11.3kg bag of PERMACOLOR Select, drop both colour packs directly into the water, in a clean mixing container. Mix with a drill mixer until pigment is dispersed evenly in container and the dispersible pack is no longer visible. Add PERMACOLOR Select Base. Mix with a slow speed drill mixer (300 rpm) for 1 minute. Wait for 5 minutes and remix with drill for 1 minute. If using the 5.6kg bag, drop only one colour pack into 0.8L – 1.0 L of clean water.

### 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

For first cleaning wait approximately 35 – 40 minutes at 21°C. Wider joints or cooler temperatures may extend wait time. 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 grout is to be sealed, LATICRETE generally recommends waiting a minimum of 72 hours at 21°C prior to sealing PERMACOLOR Select, with a STONETECH® sealer.

## 6. 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](http://www.laticrete.com.au)

### Cost

Contact a LATICRETE Distributor in your area.

## 7. MAINTENANCE

LATICRETE® and LATAPOXY® grouts require routine cleaning with a neutral pH soap and water. Contact the cleaner manufacturer if another cleaner type will be used to ensure compatibility with the grout. Installation performance and durability may depend on properly maintaining products supplied by other manufacturers. Routine maintenance can be done with detergents and a sponge or mop. For tough or difficult to remove soil, a bleaching cleaner (e.g. Soft Scrub, Comet, Ajax, etc. or electric dish washing cleaner) on a nylon scrubbing pad or a long handled stiff bristle brush can be used. Please note: Prior to using any cleaning material on a tile, etc. installation, test a discrete area or scrap piece of tile to ensure desired results. For additional information, please refer to the Grout Guide, TDS 1400.

## 8. 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](http://www.laticrete.com.au)

## 9. 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 liability is assumed by the user when used incorrectly and not in accordance with LATICRETE guidelines. The manufacturer is not responsible for any loss or damage arising from incorrect usage of this product. The specifier or other party responsible for the project must ensure that the details in this data sheet are appropriate for the intended application and that additional

detailing is performed for specific design or any areas that fall outside the scope of this specification. 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, SPECTRALOCK® PRO Grout and SPECTRALOCK 2000 IG will not contribute to any noticeable efflorescence.

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