



Globally Proven
Construction Solutions

PERMACOLOR® SELECT

PERMACOLOR® SELECT is an advanced high-performance cement grout that offers the industry's first dispensable dry pigment solution. 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.



FEATURES/BENEFITS

- Low VOC emissions—GREENGUARD® certified
- Antimicrobial protection—antibacterial and mould resistant
- Fast setting – ready for foot traffic in as little as 3 hours
- Fibre reinforced – crack and shrink resistant
- PERMACOLOR® COLOR KIT– available in all 52 colours (5 x carton) plus top competitor colours
- COLOR KIT results in vibrant consistent colour
- Does not require sealing – equipped with STONETECH® Sealer Technology
- Meets requirements of EN 13888, CG2WA
- Exceeds ANSI A118.7

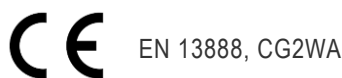
MANUFACTURER

LATICRETE EUROPE S.r.l.
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USES

- For interior, exterior, and submerged applications
- For walls or floors
- For joints from 1.5 mm to 12 mm for porcelain and ceramic tiles, thin brick and stone
- For residential and commercial use
- For swimming pools, fountains, and other wet area applications
- Suitable for heated floors and walls

STANDARDS/CERTIFICATIONS



Quality Standards
ISO 9001:2008 Quality Management System

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.



ÉMISSIONS DANS L'AIR INTÉRIEUR

Indication sur le niveau d'émission de substances volatiles dans l'air intérieur, conformément au règlement de l'Union européenne, sur une échelle de classe allant de A+ (des faibles émissions) à C (fortes émissions).

Available Colours

All 52 colours; refer to website for grout colour details.

Packaging

PERMACOLOR® SELECT

4x5,5 kg bags

COLOR KIT

5x100 g cartons

Consumption

Refer to website for additional coverage and consumption details (www.laticrete.eu).

Shelf Life

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

- 5.5 kg bags – twenty-four (24) months
- 5x100 g carton COLOR KIT – five (5) 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 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.

- 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 192 and TDS 172 for more information on these applications (on our website under [Support & Downloads](#)).
- Keep out of reach of children.

TECHNICAL DATA

Physical & Performance Properties

Tensile Strength (28 Days)	3.5 MPa
Compressive Strength (28 Days)	24.1 MPa
Flexural Strength (28 Days)	18.62 MPa
Linear Shrinkage (7 Days)	0.1 %
Water Absorption (28 Days)	2.8%

Working Properties (23°C / 50% relative humidity)

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.

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 176 Hot Weather Tiling and Grouting](#). Substrate temperature must be between 5°C and 35°C. Refer to [TDS 400 Grout Guide](#) for more information on grouting.

Mixing

Use 1 Pigment Packet from the PERMACOLOR® SELECT COLOR KIT and place in 1.2 lt of water, agitate until dispersion within the water. Then add the 5.5kg bag of PERMACOLOR® SELECT to the coloured water and mix slowly with a mixer to a smooth, stiff consistency. Allow to slake for 5-10 minutes and remix for 1 minute. Pot-life is approximately 45-60 minutes.

Application

Apply the mix with a rubber spatula, working across the 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. Wait for the grout to partially curl (become opaque in about 5-10 minutes) and proceed with the final cleaning of the surface of the tile using a damp sponge and rinsing it frequently. Clean the entire grouted area. Any streaks can be removed the next day with a dry cloth. Cleaning too early, when the grout is

still damp and soft, may remove some of the grout from the joints and may cause variation in colour. It is recommended to apply in areas that are small enough to grout and clean before the grout dries out too much.

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

Cleaning

If necessary, to facilitate the removal of hardened grout it is advisable to start with a damp abrasive felt, before cleaning it with a damp sponge. If, after inadequate cleaning, the surface still has grout residues or strong marks, STONETECH® CLEANER ACID can be used to remove traces of grout from the tiles.

Wait 6 hours after grouting before putting the grouted flooring into service.

AVAILABILITY AND COST

Availability

LATICRETE® materials are available worldwide. For distributor information, please contact LATICRETE EUROPE S.r.l.:

+39 059557680

info@laticreteeuropa.com

For online distributor information, www.laticrete.eu.

Cost

Contact LATICRETE EUROPE S.r.l to obtain complete information and cost.

WARRANTY

The supplier warrants that the product will not deteriorate under normal conditions and use. The warranty validity of one (1) year. Contact Technical Services for further information. Refer to 10. FILING SYSTEM on www.laticrete.eu:

- DS.230.13: 1 Year Product Warranty

MAINTENANCE

LATICRETE® and LATAPOXY® are products of high quality designed to achieve lasting installations and avoid maintenance, however performance and durability may depend on properly maintaining products, depending of the cleaning products used.

TECHNICAL SERVICE

Technical Assistance

For information contact:

+39 059557680

technicalservices@laticreteeuropa.com

Technical and Safety Literature

To obtain technical and safety literature, please visit our website at www.laticrete.eu.

Warning

The information and the instructions in the data sheet, although based on knowledge gained through years of applications, are indicative. LATICRETE® is unable to directly control the installation methods and conditions of products and does not assume any liability arising from their implementation. Those who want to use LATICRETE products should conduct adequate tests to determine the site specifications. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation method and site conditions.

LATICRETE products are covered by a guarantee within the limits of what is established by our general conditions of sale and within the limits of correspondence related to technical specifications and applicable certifications, as expressly indicated in the product sheets, documentation, or applicable technical documentation.