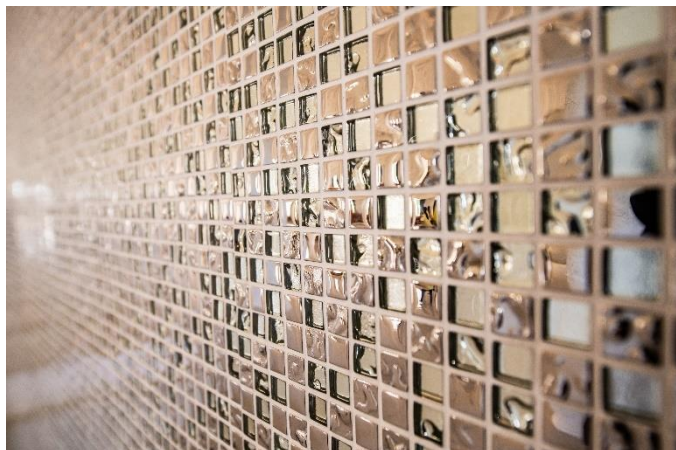




Globally Proven
Construction Solutions

PERMACOLOR® SELECT FINE

PERMACOLOR® SELECT FINE is an ultra-premium, factory prepared, polymer fortified unsanded Portland cement base grout designed for highly delicate surfaces, such as high polish marble and soft glass. Easy to mix, grout and clean, PERMACOLOR® SELECT FINE uses water dispersible pigment technology and is suitable for joints 1 mm – 6 mm wide on floors or walls.



FEATURES/BENEFITS

- Low VOC emissions—GREENGUARD® certified
- Antimicrobial protection—antibacterial and mould resistant
- Non-shrinking
- No pre-soaking or wetting tile
- No damp curing required
- Mix with water and PERMACOLOR COLOR KIT—available in all 52 colours (5 x carton)
- 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

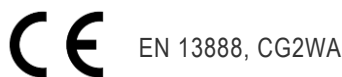
MANUFACTURER

LATICRETE EUROPE S.r.l.
Via Viazza 1° Tronco nr 19
41043 Formigine (MO) – Italy
+39 059557680
info@laticreteurope.com

USES

- For interior, exterior, and submerged applications
- For walls or floors
- For joints from 1 mm to 6 mm for glass, porcelain and ceramic tiles, thin brick, stone and marble
- 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

Available Colours

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

Packaging

PERMACOLOR® SELECT

6x3,6 kg bags

COLOR KIT

5x100 g cartons

Consumption

Refer to website for 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:

- 3.6 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.
- DO NOT use for joints larger than 6 mm.
- Use SPECTRALOCK® 2000 IG when chemical resistance is required.
- DO NOT use acid to clean coloured grout joints.
- Do not allow grout to harden on the face of the tile; clean promptly.
- 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.
- DO NOT mix other grout additives with this product. Use of other grout additives may result in colour variation and reduced product performance and will void all LATICRETE® warranties.
- 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. May irritate eyes and skin. Avoid contact with eyes or prolonged contact with skin. In case of contact, flush thoroughly with water.
- In submerged applications or steam rooms allow PERMACOLOR® SELECT FINE 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](#)).
- DO NOT take internally.
- Avoid breathing dust. Wear a respirator in dusty areas.
- Keep out of reach of children.

TECHNICAL DATA

Physical & Performance Properties

Test	Method	Results	Specification
Flexural Strength	ANSI A118.7 H- 3.7	6.9-9.7 Mpa	> 6.9 MPa
Linear Shrinkage (27 days)	ANSI A118.7 H- 3.3	0.1-0.14 %	< 0.3 %
Tensile Strength (28 Days)	ANSI A118.7 H- 3.6	3.4-4.1 Mpa	> 3.4 MPa
Compressive Strength (28 Days)	ANSI A118.7 H- 3.5	31.0-35.8 MPa	> 20.7 MPa

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

Pot Life	50-55 min at 21°C
Set Time	~90 minutes
Wet Density	1.95 g/cm ³

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. Substrate temperature must be between 5°C and 35°C. Refer to Grout Troubleshooting Guide for more information on grouting.

Mixing

Use approximately 1.0-1.1 L of clean potable water for 3.6 kg bag. Then take (1) Pigment Packet from the PERMACOLOR® SELECT COLOR KIT and place in the water and agitate until the pigment is dispersed within the water. Then add the PERMACOLOR® SELECT FINE Grout Base to the water and pigment and mix slowly either by hand or with a slow speed mixer to a smooth, stiff consistency. Allow to slake for 5- 10 minutes and remix for 1 minute.

Application

Dampen tile surface with water. Spread with a sharp, firm rubber grout float. Work the grout paste into the joints until completely filled. Use diagonal strokes to pack the joints. Ensure that joint is filled and grout is not just sitting on top (i.e. "bridging the joint").

Cleaning

Primary Grout Cleaning—Remove excess grout from the face of the tiles with the edge of the grout float. Hold the float at a 90° angle and pull it at a 45° angle diagonally across the joints and tile to avoid pulling out the material.

Secondary Grout Cleaning—Remove remaining grout with a damp sponge (not wet) or a damp towel. Work diagonally to the joints. Allow to dry. When the grout joints are firm polish the surface with a coarse nylon pad or coarse cloth and minimal water.

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 can be used to remove traces of grout from the tiles.

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

Note: Use caution when polishing soft glazed tiles or polished stone.

Selecting Other Grout Materials

LATICRETE® has grouting materials designed for every use. For maximum stain resistance in most installations choose SPECTRALOCK® PRO PREMIUM GROUT. For installations that require high strength and chemical resistance choose SPECTRALOCK® 2000 IG. These products are ideal for installations where a stain resistant, colorfast grout is desired.

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.