PERMACOLOR® Select*

DS-281E-0223

Globally Proven
Construction Solutions

1. NOMBRE DEL PRODUCTO
PERMACOLOR® Select*

2. FABRICANTE
LATICRETE International, Inc.
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3. DESCRIPCIÓN DEL PRODUCTO
PERMACOLOR Select es una lechada de cemento avanzada y de alto desempeño, que ofrece la primera solución de pigmento seco dispersable de la industria. PERMACOLOR Select está diseñado prácticamente para todos los tipos de instalaciones residenciales y comerciales, y ofrece un desempeño óptimo en las aplicaciones interiores y exteriores más exigentes. PERMACOLOR Select es fácil de mezclar, aplicar y limpiar, fragua rápidamente y es ideal para juntas de 1.5 mm a 12 mm (de 1/16 pulg. a 1/2 pulg.) de ancho en pisos o paredes.
* Patente de invención de los Estados Unidos N.°: 6,784,229 (y otras patentes)

Usos
- Designed for virtually all types of residential and commercial installations

Ventajas
- Exceeds ANSI A118.7
- Does not require sealing – Equipped with STONETECH® Sealer Technology
- Vibrant consistent color – minimizes efflorescence
- Fiber reinforced – crack & shrink resistant
- Fast setting – ready for foot traffic in as little as 3 hours
- GREENGUARD® certified – low VOC
- Equipped with Anti-Microbial protection for the treated article.
- LATICRETE® Lifetime Warranty available
- PERMACOLOR Color Kit – Available in all 40 colors (10 x carton) plus top competitor colors!

Sustratos adecuados

Presentación
Base: bolsa de 11.3 kg (25 lb), base: bolsa de 5.6 kg (12.5 lb), packs de color: cajas de 2 x 100 g (10 x 0.5 lb)

Limitaciones
- 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 (see Section 10 FILING SYSTEM).
- Use SPECTRALOCK® 2000 IG when chemical resistance is required.
- DO NOT use acid to clean colored grout joints.
- Job site conditions will affect the final color of colored 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 color pigment during grouting. Prior to grouting, test for absorption of color 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 colorfast 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.

Precauciones

- Consult SDS for more safety information.
- During cold weather, protect finished work from traffic until fully cured.
- Contains portland cement and silica sand. Causes severe skin burns and serious eye damage. Wear protective gloves and eye protection. In case of contact, flush thoroughly with water.
- Do not take internally. Silica sand may cause cancer, respiratory irritation or serious lung problems. Do not breathe 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 70°F (21°C) prior to filling with water or exposing to steam. See TDS 192 and TDS 172 for more information on these applications.
- Keep out of reach of children.

4. DATOS TÉCNICOS

Información del producto VOC/LEED

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.

Propiedades físicas

Tensile Strength (28 Days)	510 psi (3.5 MPa)
Compressive Strength (28 Days)	3500 psi (24.1 MPa)
Flexural Strength (28 Days)	1250 psi (8.62 MPa)
Linear Shrinkage (7 Days)	0.1 %
Water Absorption (28 Days)	2.8%

Propiedades de trabajo

Pot Life	45–60 min at 70°F (21°C)
Final Set	3 – 4 hrs
Heavy Foot Traffic	6 hrs

Las especificaciones están sujetas a cambios sin notificación. Los resultados exhibidos son representativos pero reflejan los procedimientos de prueba utilizados. El desempeño real en el área de trabajo dependerá de los métodos de instalación y de las condiciones del lugar.

5. INSTALACIÓN

- **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 40°F (4°C) and 90°F (32°C). Apply grout release or sealer if necessary. Refer to TDS 400 Grout Guide for more information on grouting.

Mixing

Use approximately 2 – 2.25 quarts (1.9 L – 2.1 L) of clean potable water for 2 PERMACOLOR Select Color Packs and 25 lbs (11.3 kg) 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 Color Packs from the cardboard container as well as the protective plastic sleeve. The internal bag is a water-dispersible pack – when using the 25 lbs. (11.3 kg) bag of PERMACOLOR Select, drop both color packs directly to water in 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 12.5 lbs bag, drop only one color pack into 1 – 1.1 quarts (.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 70°F (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 70°F (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 a 72 hours at

70°F (21°C) prior to sealing PERMACOLOR Select, with a STONETECH® sealer.

6. DISPONIBILIDAD Y COSTO

Disponibilidad

Los materiales LATICRETE® y LATAPOXY® están disponibles en todo el mundo.

Para obtener información sobre los distribuidores, llame a:

Línea telefónica gratuita: 1.800.243.4788
Teléfono: +1.203.393.0010

Para obtener información sobre los distribuidores en Internet, visite LATICRETE en **laticrete.com**

Costo

Comuníquese con un distribuidor de LATICRETE de su zona.

7. GARANTÍA

Consulte la Sección 10. SISTEMAS ESPECIALES:

- 25 Year System Warranty (US - English)
- 10 Year System Warranty (US - English)
- 5 Year System Warranty (US - English)
- 1 Year Product Warranty (US - English)
- LATICRETE Lifetime System Warranty (US - English)

8. MANTENIMIENTO

LATICRETE® and LATAPOXY® grouts require routine cleaning with a neutral pH cleaner (e.g. STONETECH® Stone & Tile Cleaner) 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, use STONETECH KLENZALL™ Cleaner (or a bleaching 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, stone, 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 400 and to TDS 113- Cement Grout Care & Maintenance for more information.

9. DEPARTAMENTO DE ASISTENCIA TÉCNICA

Asistencia técnica

Para obtener más información, comuníquese con la Línea Directa del Departamento de Asistencia Técnica de LATICRETE:

Línea telefónica gratuita: 1.800.243.4788, ext. 1235
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Material informativo sobre aspectos técnicos y de seguridad

Para obtener material sobre aspectos técnicos y de seguridad, visite nuestro sitio web en **laticrete.com.**

10. SISTEMAS ESPECIALES

Podrá obtener más información sobre los productos en nuestro sitio web laticrete.com. A continuación, encontrará una lista de documentos afines:

- DS 230.13: LATICRETE Product Warranty (United States and Canada)
- DS 230.05: LATICRETE 5 Year System Warranty (United States and Canada)
- DS 230.10: LATICRETE 10 Year System Warranty (United States and Canada)
- DS 230.15: LATICRETE 15 Year System Warranty - for Steel or Wood Framed Exterior Facades (United States and Canada)
- DS 025.0: LATICRETE 25 Year System Warranty (United States and Canada)
- DS 230.99: LATICRETE Lifetime System Warranty
- DS 030.0: SPECTRALOCK® 2000 IG
- DS 236.0: 9235 Waterproofing Membrane
- DS 663.0: HYDRO BAN®
- K 20511: STONETECH Stone & Tile Cleaner
- K 20514: STONETECH KLENZALL Cleaner
- TDS 192: Installation of Ceramic Tile in Swimming Pools
- TDS 176: Hot Weather Tiling and Grouting
- TDS 400: Grout Guide
- TDS 172: Installation of Tile or Stone in Steam Rooms Over Backer Board
- TDS 113: Cement Grout Care and Maintenance for More Information

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

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