



Coulis PERMACOLOR®

DS-250F-1023

**Globally Proven
Construction Solutions**



1. NOM DU PRODUIT

Coulis PERMACOLOR®

2. FABRICANT

LATICRETE International, Inc.

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3. DESCRIPTION DU PRODUIT

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

Equipped with Microban Anti-Microbial Protection

Avantages

- Consistent color
- Fast setting
- Mixes with water only
- Ideal for floors and walls (joint widths of 1/16–1/2" [1.5 to 12 mm])
- Equipped with anti-microbial technology to protect the treated article.
- Component of LATICRETE® 25 Year System Warranty (United States and Canada) (DS 025.0) and LATICRETE Lifetime Warranty (United States and Canada) (DS 230.99)

- Improved stain resistance for a cement based grout, sealing is optional but not required
- Interior and exterior applications
- Residential and commercial
- Conforms to ISO 13007 and EN 13888 (CG2WA)
- Meets ANSI A118.7 requirements

Supports Appropriés

Conditionnement

Sacs de 11,3 kg (25 lb), boîtes de 3,6 kg (8 lb)

Restrictions

- 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.

Mises en garde

- Consult SDS for more safety information.
- During cold weather, protect finished work from traffic until fully cured.
- Contains portland cement and silica sand. Causes skin burns and serious eye damage. Wear protective

gloves, clothing and eyewear. 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 glass tile or polished surfaces. Conduct a test area to verify results.
- In submerged applications or steam rooms allow PERMACOLOR® 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.

4. DONNÉES TECHNIQUES

Informations COV/LEED sur le produit

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.

Propriétés physiques

Tensile Strength (28 Days)	510 psi (3.5 MPa)		
Compressive Strength (28 Days)	4500 psi (31.0 MPa)		
Flexural Strength (28 Days)	1250 psi (8.62 MPa)		
Linear Shrinkage (7 Days)	0.0450 %		
Water Absorption (28 Days)	4.25%		
Test	Test Method	ISO 13007-3 CG2WA Specification	Results
28 Day Cure Abrasion Resistance	ISO 13007-4 4.4	Less than or equal to 1000 mm ³ (0.061 in ³)	121-132 mm ³ (0.0074-0.0081 in ³)
28 Day Cure Flexural Strength	ISO 13007-4 4.1.3	Greater than 2.5 MPa (362 psi)	8.5-9.2 MPa (1226-1340 psi)
6 Day 21 Day Water Soak 25 Freeze/Thaw Cycle Flexural Strength	ISO 13007-4 4.1.3	Greater than 2.5 MPa (362 psi)	3.31-3.79 MPa (480-550 psi)
28 Day Cure Compressive Strength	ISO 13007-4 4.1.4	Greater than 15 MPa (2175 psi)	35.7-36.8 MPa (5176-5339 psi)
6 Day 21 Day Water Soak 25 Freeze/Thaw Cycle Compressive Strength	ISO 13007-4 4.1.4	Greater than 15 MPa (2175 psi)	30.4-31.2 MPa (4408-4518 psi)
28 Day Cure Shrinkage	ISO 13007-4 4.3	Less than 3 mm/m (0.12 in./3.28 ft)	0.51-0.62 mm/m (0.02-0.024 in/3.28 ft)
28 Day Water Absorption Soaked 30 Minutes	ISO 13007-4 4.2	Less than 2 g (0.0044 lb)	0.09-0.14 g (0.0002-0.0003 lb)
28 Day Water Absorption Soaked 240 Minutes	ISO 13007-4 4.2	Less than 5 g (0.011 lb)	0.54-0.7 g (0.0012-0.0015 lb)

Propriétés d'utilisation

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

Caractéristiques sous réserve de modification sans préavis. Les résultats présentés sont typiques, mais ils reflètent les procédures d'essai utilisées. Les performances réelles sur le terrain dépendent des méthodes de pose et des conditions locales.

5. POSE

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 1/4 quarts (1.9 L – 2.15 L) of clean potable water for 25 lbs (11.3 kg) of PERMACOLOR Grout. Place water in a clean mixing container and add grout powder.

Mix with a slow speed drill mixer (300 rpm) for 1 minute. Wait for 5 minutes and remix with drill for 1 minute.

Note: For an added level of stain fighting protection use STONETECH Stain Protecting Grout Additive in lieu of 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 48 hours at 70°F (21°C) prior to sealing PERMACOLOR Grout[®], or any other cement-based grout; however, we suggest

deferring to the written recommendations of the sealer manufacturer to make the final determination, as certain sealers may require the cement grout to cure for an extended period of time.

6. DISPONIBILITÉ ET COÛT

Disponibilité

Les produits LATICRETE® et LATAPOXY® sont proposés dans le monde entier.

Appeler un des numéros suivants pour obtenir des informations relatives aux distributeurs:

Numéro sans frais: 1.800.243.4788

Téléphone: +1.203.393.0010

Pour obtenir de l'information en ligne de distributeurs, visiter LATICRETE à l'adresse suivante laticrete.com

Coût

Communiquez avec le distributeur LATICRETE le plus proche.

7. GARANTIE

Voir 10. SYSTÈME DE CLASSIFICATION:

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

8. ENTRETIEN

LATICRETE recommends using STONETECH® surface products to protect, clean and enhance stone, masonry, tile and grout surfaces. Protect surfaces from common stains by using a STONETECH sealer such as STONETECH BulletProof® Sealer. Routine maintenance should follow with STONETECH Revitalizer® Cleaner and Protector or a neutral pH cleaner such as STONETECH Stone & Tile Cleaners. For tough or difficult to remove soil use STONETECH KlenzAll™ Cleaner, a nylon scrubbing pad or a long handled stiff bristle brush. For additional information, please refer to the Grout Guide, TDS 400 and TDS 113 Cement Grout Care & Maintenance for more information.

9. SERVICES TECHNIQUES

Soutien technique

Pour tout renseignement, appeler la ligne d'aide du service technique de LATICRETE:

Numéro sans frais: 1.800.243.4788, ext. 1235

Téléphone: +1.203.393.0010, ext. 1235

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Documentation technique et de sécurité

Pour obtenir la documentation technique et les consignes de sécurité, visiter notre site Web à laticrete.com.

10. SYSTÈME DE CLASSIFICATION

Des informations supplémentaires sur les produits sont disponibles sur notre site Web à laticrete.com. Liste des documents connexes:

- DS 230.13: LATICRETE Product Warranty
- 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®
- TDS 192: Installation of Ceramic Tile in Swimming Pools
- TDS 176: Hot Weather Tiling and Grouting

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

LATICRETE International, Inc.

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