



Quick Cure Mortar Bed

DS-1004F-1124

**Globally Proven
Construction Solutions**



1. NOM DU PRODUIT

Quick Cure Mortar Bed

2. FABRICANT

LATICRETE International, Inc.

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Bethany, CT 06524-3423 États-Unis

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3. DESCRIPTION DU PRODUIT

Quick Cure Mortar Bed is a rapid setting, polymer fortified blend of carefully selected polymers, portland cement and graded aggregates. Quick Cure Mortar Bed does not require the use of latex admix; you only need to add water to produce thick bed mortar. It allows for foot traffic and walkability in as soon as 60 minutes for tile and shower system installs. Quick Cure Mortar Bed is versatile for use for both interior and exterior applications, wet or dry applications, bonded and non-bonded thick bed mortar applications, and shower systems.

Utilisation

- Interior and exterior applications
- Wet and dry applications
- Bonded and non-bonded thick bed mortar applications
- Conventional thick bed mortar applications
- Concrete repairs

Avantages

- Rapid setting – ready for foot traffic in as soon as 60 minutes
- Polymer fortified – no need for latex additives
- Premixed – no job site blending of powders required
- Can be used in connection with HYDRO BAN® Quick Cure for faster shower system installation.
- Excellent for ramping and pitching down to a feather edge when used in a bonded mortar bed assembly with a slurry bond coat of LATICRETE 254 Platinum or 4237 Latex Additive mixed with 211 Powder.

Supports Appropriés

Conditionnement

60 lb (27.2 kg) bag;

Couverture approximative

| |
|--|
| 14 ft ² at 1/2" (1.3 m ² at 12 mm) |
| 7 ft ² at 1" (0.7 m ² at 25 mm) |
| 3.5 ft ² at 2" (0.3 m ² at 50 mm) |

Restrictions

- Use LATAPOXY® 300 Adhesive for installing green marble or moisture sensitive stone, agglomerates, and resin backed tile or stone.
- For veneer installations using this product, consult local building code requirements regarding limitations and installation system specifications.
- 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 SYSTEMS).

Mises en garde

- Consult SDS for more safety information.
- During cold weather, protect finished work from traffic until fully cured.
- Allow a minimum 14 day cure at 70°F (21°C) after the final grouting period prior to filling water features with water.
- 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.
- Keep out of reach of children.

4. DONNÉES TECHNIQUES

Propriétés physiques

| | |
|---------------------------------------|-------------------------------|
| 28 Day Compressive Strength ASTM C270 | 3800-4000 psi (26.2–27.6 MPa) |
| Water Absorption ANSI A118.7.3.4 | 5% |
| Shrinkage 7 Day Cure ASTM C-157 | 0.03% |
| Flexural Strength ANSI A118.7.3.5 | 840-950 psi (5.8-6.6 MPa) |

Propriétés d'utilisation

| | |
|-----------------------|-----------------------|
| Pot Life | 30 minutes |
| Time to Foot Traffic | As soon as 60 minutes |
| Time to Heavy Traffic | 8 hours |

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.

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

All surfaces should be between 40°F (4°C) and 90°F (32°C) and structurally sound, clean and free of all dirt, oil, grease, laitance, paint, concrete sealers or curing compounds. Dry dusty concrete slabs or masonry should be dampened and excess water swept off. Installation may be made on a damp surface. Expansion joints shall be provided through the tile work from all construction or expansion joints in the substrate. Follow ANSI specification A108.01-3.7: Requirements for Movement Joints: Preparations by Other Trades" or TCNA detail EJ- 171 "Movement joints-Vertical & Horizontal". Do not cover expansion joints with mortar.

Application

Mortar Bed

- Mixing Mortar Bed—Dry Pack Consistency for Floors

Mix a 60 lb bag (27.2 kg) of Quick Cure Mortar Bed to 0.5–0.8 gal (1.9–3 L) of water. Mix to a stiff, semi-dry consistency. Mix ratio may vary dependent upon weight of finish.

- Bonded Mortar Bed—Installation
Before placing mortar, apply a slurry bond coat made from 254 Platinum or 4237 Latex Additive mixed with 211 Powder. While the slurry bond coat is wet, spread the mortar and compact well. If placing tile immediately, apply a slurry bond coat, made from either 254 Platinum or 4237 Latex Additive mixed with 211 Powder to the mortar. While the slurry bond coat is wet and sticky, place the tile and beat in well. Refer to TDS 143 "Slurry Bond Coats – When & What to Use" for more information on slurry bond coats.
- Unbonded Mortar Bed—Installation
Before placing mortar, place a cleavage membrane (e.g. 4 mil thick polyethylene sheeting or 15 lb, builder felt) on the substrate. Place mortar over the cleavage membrane (approximately 1/2 the depth of the mortar bed). Next, place 2" x 2" (50 mm x 50 mm), 16 gauge galvanized welded wire mesh over the mortar. Then, place the balance of the mortar bed. The wire mesh should be suspended in the middle of the mortar bed. Spread the mortar and compact well. Minimum mortar bed thickness shall be 2" (50 mm). If placing tile immediately, apply a slurry bond coat, made from either 254 Platinum or 4237 Latex Additive mixed with 211 Powder to the mortar. While the slurry bond coat is wet and sticky, place the tile and beat in well.
Wall Renders
- **Mixing Wall Renders**
Mix a 60 lb bag (27.2 kg) of Quick Cure Mortar Bed to 0.6 – 0.7 gal (2.3 – 2.6 L) of water. Mix to a plastic consistency.
- Wall Renders—Installation
No slurry bond coat is required prior to placing wall renders. Apply wall render with a steel trowel pressing mortar into good contact with the substrate. Apply "scratch coat" first – not to exceed 1/2" (12 mm) thickness. Scratch mortar before it hardens. After "scratch coat" hardens, apply the "brown or float coat" working the mortar into good contact with the scratch coat. Do not exceed 5/8" (15 mm) thickness per lift. Scratch all lifts that will receive additional float coats. Float wall with steel trowel and straight edges to form a plumb and true mortar surface. Allow the completed render coats to cure for a minimum of 60 minutes at 70°F (21°C) prior to the installation of tile.
Application
- **Concrete Repair and Resurfacing** – Leveling Mortar Consistency Mixing Leveling Mortars Mix a 60 lb bag (27.2 kg) of Quick Cure Mortar Bed to 0.8 – 0.9 gal (3 – 3.4 L) of water. Mix to a plastic consistency. Mix ratio may vary dependent upon weight of finish.
- Concrete Repair and Resurfacing – Installation

Before placing mortar, apply a slurry bond coat made from 254 Platinum or 4237 Latex Additive mixed with 211 Powder. Apply a slurry bond coat to all reinforcing steel and existing clean, sound and stable concrete surfaces just prior to placing the mortar. While the slurry bond coat is wet and sticky place the topping mortar. Compact the surface of the mortar with a flat trowel and ensure all voids are filled. Avoid over troweling.

- **Cold Weather Note**

The setting of portland cement mortars and grouts are retarded by low temperatures. Protect finished work for an extended period when installing in cold weather.

- **Hot Weather Note**

The evaporation of moisture in portland cement mortars is accelerated by hot, dry conditions. Apply mortar to dampened surfaces and protect freshly spread mortar and finished work when installing in temperatures over 90°F (32°C).

NOTE: A slurry bond coat should also be applied to the edges of mortar beds installed from previous work periods.

NOTE: If applying HYDRO BAN® Quick Cure Waterproofing Membrane over Quick Cure Mortar Bed; allow mortar bed to set firm prior to the installation of the membrane to the point where no physical indenting of the mortar bed occurs. This could be as soon as 60 minutes at 70°F (21°C). For best results, in lieu of using a brush or roller on the first application, HYDRO BAN Quick Cure may be applied with a flat steel trowel or rubber float.

NOTE: If applying HYDRO BAN Waterproofing Membrane over Quick Cure Mortar Bed; allow mortar bed to cure 24 hours at 70°F (21°C) prior to the installation of the membrane.

Best results are obtained when mortar bed is slick troweled smooth and compacted so that minimal loose mortar granules exist on the surface. If needed, you can also vacuum or broom off the mortar bed before the first layer of HYDRO BAN or HYDRO BAN Quick Cure.

Cleaning

Clean tools and tile work with water while the mortar is fresh.

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)
- LATICRETE Lifetime System Warranty (US) (English)

8. ENTRETIEN

LATICRETE and LATAPOXY grouts require routine cleaning with a neutral pH soap and water. All other LATICRETE and LATAPOXY materials require no maintenance but installation performance and durability may depend on properly maintaining products supplied by other manufacturers.

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 230.15: 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 230.1: 4237 Latex Additive
- DS 236.0: 9235 Waterproofing Membrane
- DS 239.0: 211 Powder

LATICRETE International, Inc.

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- DS 633.0: LATAPOXY 300 Adhesive
- DS 663.0: HYDRO BAN®
- DS 677.0: 254 Platinum
- TDS 143: Slurry Bond Coats When & What to Use