



# Mortier pour lits épais

DS-239.1F-0324

**Globally Proven  
Construction Solutions**



## 1. NOM DU PRODUIT

Mortier pour lits épais

## 2. FABRICANT

LATICRETE International, Inc.

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Bethany, CT 06524-3423 États-Unis

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Numéro sans frais: 1.800.243.4788, poste 1235

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Site Web: [laticrete.com](http://laticrete.com)

## 3. DESCRIPTION DU PRODUIT

226 Thick Bed Mortar is a factory prepared blend of carefully selected raw materials, portland cement and graded aggregates. 226 Thick Bed Mortar was designed for use with 3701 Mortar Admix to produce a latex portland cement mortar that has exceptional strength. 3701 Fortified Mortar Bed is an approved substitute for 226 Thick Bed Mortar mixed with 3701 Mortar Admix.

### Utilisation

- For interior and exterior use for preparing conventional thick cement mortar beds, cement plasters, and concrete repairs.

### Avantages

- Premixed-No jobsite blending of powders required
- Safe-Non-flammable; safe to store and mix
- Economical-saves time and money
- Easy to Use-no special tools required
- Versatile-wet and dry areas, walls, floors, ceilings, interior and exterior
- High Strength Formula
- "Extra Heavy Service" rating per TCNA performance levels (RE: ASTM C627 Robinson Floor Test).

## Supports Appropriate

### Conditionnement

Sac de 27,3 kg (60 lb)

### Restrictions

- Use LATAPOXY® 300 Adhesive for installing green marble or water sensitive natural stone and agglomerates.
- 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 MSDS for more 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.
- 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

### 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.

Total VOC Content pounds/gallon (grams/liter) of product in unused form is 0.00 lb/gal (0.00 g/?).

### Propriétés physiques

226 Thick Bed Mortar mixed with 3701 Mortar Admix

Test/Test Method	Results
Water Absorption ANSI A118.6-4.4	<5%
Compressive Strength ANSI A118.4-6.1	4000-5000 psi (33.8-34.5 MPa)
TCNA Service Rating ASTM C627	Extra Heavy

## Propriétés d'utilisation

226 Thick Bed Mortar mixed with 3701 Mortar Admix  
(70°F [21°C])

Pot Life	1 hour
Time to Foot Traffic	12 hours
Time to Heavy Traffic	72 hours
Wet Density	135 lbs/ft <sup>3</sup> (2166 kg/m <sup>3</sup> )

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 kg) of 226 Thick Bed Mortar to 0.7 gal (2.7 ?) of 3701 Mortar Admix. Five (5) gallons (19 ?) of 3701 Mortar Admix mixes with approximately 7 bags of 226 Thick Bed Mortar, yielding approximately 45 ft<sup>2</sup> (4 m<sup>2</sup>) @ 1" (25 mm) thick. Mix to a stiff, semi-dry consistency (refer to bag for mixing hints). 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 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.

### Application

#### Wall Renders

#### Mixing Wall Renders

Mix a 60 lb bag (27 kg) of 226 Thick Bed Mortar to 1 gal (3.8 L) of 3701 Mortar Admix. Five (5) gallons (19 L) of 3701 Mortar Admix mixes with approximately 5 bags of 226 Thick Bed Mortar, yielding approximately 64 ft (5.8 m<sup>2</sup>) @ 1/2" (12 mm) thick. 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 24 hours 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 kg) of 226 Thick Bed Mortar to 1 gal (3.8 L) of 3701 Mortar Admix. Five (5) gallons (19 L) of 3701 Mortar Admix mixes with approximately 5 bags of 226 Thick Bed Mortar, yielding approximately 64 ft<sup>2</sup> (5.8 m<sup>2</sup>) @ 1/2" (12 mm) thick. 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.

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

**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).

#### Cleaning

Clean tools and tile work with water while 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](http://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 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

Télécopieur: +1.203.393.1948

### Documentation technique et de sécurité

Pour obtenir la documentation technique et les consignes de sécurité, visiter notre site Web à [laticrete.com](http://laticrete.com).

## 10. SYSTÈME DE CLASSIFICATION

Des informations supplémentaires sur les produits sont disponibles sur notre site Web à [laticrete.com](http://laticrete.com). Liste des documents connexes:

- DS 230.13: LATICRETE Product Warranty (United States and Canada)
- DS 230.05: LATICRETE 5 Year Tile & Stone Warranty (United States and Canada)
- DS 025.0: LATICRETE 25 Year Tile & Stone Warranty (United States and Canada)
- DS 231.0: 3701 Mortar Admix
- DS 236.0: 9235 Waterproofing Membrane
- DS 230.1: 4237 Latex Additive
- DS 239.0: 211 Powder
- DS 677.0: 254 Platinum
- TDS 143: Slurry Bond Coats When and What to Use
- DS 663.0: HYDRO BAN®

LATICRETE International, Inc.

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