



# Lit de mortier supérieur MVIS™

DS-263F-0624

**Globally Proven  
Construction Solutions**



## 1. NOM DU PRODUIT

Lit de mortier supérieur MVIS™

## 2. FABRICANT

LATICRETE International, Inc.

1 LATICRETE Park North

Bethany, CT 06524-3423 États-Unis

Téléphone: +1.203.393.0010, poste 1235

Numéro sans frais: 1.800.243.4788, poste 1235

Télécopieur: +1.203.393.1684

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

## 3. DESCRIPTION DU PRODUIT

MVIS Premium Mortar Bed is a polymer fortified blend of carefully selected polymers, portland cement and graded aggregates. MVIS Premium Mortar Bed does not require the use of latex admix, you only need to add water to produce thick bed mortar with exceptional strength.

### Utilisation

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

### Avantages

- For use as a scratch or finish coat in place of Type S or Type N mortar
- Polymer fortified – no need for latex additives
- Premixed – no job site blending of powders required
- Economical – saves time and money
- High strength formula
- Exceeds ASTM C270 compressive strength requirements for masonry veneer installations.

### Supports Appropriés

### Conditionnement

Sac de 27,3 kg (60 lb)

### Couverture approximative

Render/Repair	Depth
12 sq. ft.	½" (1.1 m <sup>2</sup> at 12mm)
6 sq. ft.	1" (0.56 m <sup>2</sup> at 25mm)
3 sq. ft.	2" (0.3 m <sup>2</sup> at 50mm)

### Restrictions

- MVIS Premium Mortar Bed is not to be used as an adhesive for adhering finished goods.
- Please consider our range of MVIS Adhesive Mortars for adhering finished goods (example: stone, tile, brick, etc.).
- Mastics, adhesive mortars and pointing mortars for masonry veneer, stone, tile, pavers and thin brick are not replacements for waterproofing membranes or air and water barrier. When a waterproofing membrane or air and water barrier is required, use an Air & Water Barrier (see Section 10 FILING SYSTEMS).
- For veneer installations using this product, consult local building code requirements regarding limitations and installation system specifications.
- Use LATAPOXY® 300 Adhesive for installing green marble, resin backed on water sensitive tile, stone and agglomerates (refer to DS 633.0 for more information) Note: Surfaces must be structurally sound, stable and rigid enough to support manufactured masonry veneer, tile, thin brick and similar finishes. For exterior vertical installations over framed construction, the substrate deflection under all live, dead and impact loads, including concentrated loads, must not exceed L/600 where L=span length (except where local building codes specify more stringent deflection requirements).

### 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 severe skin burns and eye damage. Wear protective gloves, clothing and eye protection. In case of contact, flush thoroughly with water.
- Do not take internally. Silica sand may cause cancer or serious lung problems. Do not breathe dust. Wear a respirator in dusty areas.

- For white and light-colored stones, conduct test area to ensure no shadowing or staining is observed.
- 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.

##### Propriétés physiques

Test Method	Requirement	Results
28 day cure Compress. Strength ASTM C109	2500 psi (17.2 MPa)	4000 to 5000 psi (27.6 to 34.5 MPa)
Flexural Strength ANSI A118.7.3.7	1000 psi (6.9 MPa)	1100 to 1200 psi (7.6 to 8.3 MPa)
7 day cure Shrinkage ASTM C157	S/o	0.05%

Test Method	EN13813 Specification	Results
28 day cure Flexural Strength EN 13892-2	7 MPa (1015 psi)	7 to 8.5 MPa (1015 to 1232 psi)
28 day cure Compress. Strength EN 13892-2	30 MPa (4350 psi)	30 to 36 MPa (4350 to 5220 psi)

MVIS™ Premium Mortar Bed is an EN13813 C30F7 mortar.

##### Propriétés d'utilisation

Pot Life	2 hours
Time to Foot Traffic	16 hours
Time to Heavy Traffic	72 hours

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 masonry 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

#### Wall Renders / Repair

##### • Mixing Wall Renders

Mix a 60 lb bag (27 kg) of MVIS™ Premium Mortar Bed to 0.8 – 0.9 gallon (3 – 3.4L) 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 24 hours at 70°F (21° C) prior to the installation of masonry. If going over lath, a minimum 1/2" (12 mm) thickness is required.

##### • As a Pumped Mortar for Renders and Plaster

7 – 60 lb. (27.3 kg) bags of MVIS Premium Mortar Bed utilizing liquid plasticizer/pump aid. Confirm with manufacturer of pump aid for compatibility with polymer fortified mortar mixes. Approximate coverage for 7 – 60 lb. (27.3 kg) bags of mortar will be 45 ft<sup>2</sup> (4.2 m<sup>2</sup>) at 1" (25 mm) thick. Coverage will vary according to mixing, pumping, placement, job site conditions and rebound. Do not exceed 5/8" (15 mm) thickness per lift/application of pumped render. Scratch up previous lift prior to placing subsequent lifts.

**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 masonry 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](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)
- 25 Year MVIS System Warranty (US) (English)
- 15 Year MVIS System Warranty for Steel or Wood Framed Exterior Facades (US) (English)
- 25 Year MVIS System Warranty (Canada) (English)
- 15 Year MVIS System Warranty MVIS for Steel or Wood Framed Exterior Facades (Canada) (English)
- 25 años de garantía limitada del sistema - MVIS (Estados Unidos) (Español)
- 15 años de garantía del sistema Para fachadas exteriores con estructura de acero o madera - MVIS (Estados Unidos) (Español)
- Garantie limitée de 25 ans sur les systèmes MVIS (Canada) (Français)
- Garantie de 15 ans sur les systèmes MVIS Pour façades extérieures à ossature en acier ou en bois (Canada) (Français)

## 8. ENTRETIEN

LATICRETE and LATAPOXY® grouts and pointing mortars 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
- 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 247.0: MVIS™ Hi-Bond Veneer Mortar
- DS 633.0: LATAPOXY 300 Adhesive
- DS 661.0: Air & Water Barrier

LATICRETE International, Inc.

One LATICRETE Park North, Bethany, CT 06524-3423 USA • 1.800.243.4788 • +1.203.393.0010 • [www.laticrete.com](http://www.laticrete.com)

© 2024 LATICRETE International, Inc. All trademarks shown are the intellectual properties of their respective owners.