



MVIS™ Premium Pointing Mortar Base

DS-65444-0424

**Globally Proven
Construction Solutions**



1. PRODUCT NAME

MVIS™ Premium Pointing Mortar Base

2. MANUFACTURER

LATICRETE International, Inc.
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3. PRODUCT DESCRIPTION

MVIS Premium Pointing Mortar Base is a premium, factory-prepared, high performance & fast setting masonry pointing mortar that offers the industry's first dispersible dry pigment solution that can allow for a wide range of colors. It also provides a masonry pointing mortar joint that is dense, hard, and color consistent.

Uses

- For glazed or pre-sealed veneer, and other less porous finish materials with joint widths of 1/16" (1.5 mm) to 1/2" (12 mm).

Advantages

- Mortar base and color pack delivery system - Inventory management efficiencies.
- 40 standard colors and ANYCOLOR™ color-match program -- Unlimited design flexibility.
- Consistent color and stain-resistance -- No blotchiness, resists efflorescence.
- Strong and durable, fiber-reinforced --Resists cracking and powdering.

Suitable Substrates

Packaging

20 lb (9.1 kg) bags

Available in the following colors:

See MVIS color chart for available colors.

Approximate Coverage

Coverage 250-275 linear ft. (76-84 linear m) with 1/4" (6 mm) deep by 3/8" (9 mm) wide joint.

Shelf Life

Factory sealed containers of this product are guaranteed to be of first quality for one (1) year if stored off the ground in a dry area.

Limitations

- Adhesives/mastics, mortars and grouts for Manufactured Masonry Veneer, pavers, brick and stone are not replacements for waterproofing membranes. When a waterproofing membrane is required, use MVIS Air & Water Barrier (see Section 10 FILING SYSTEM).
- Use MVIS Epoxy Pointing Mortar when chemical resistance is required.
- DO NOT use acid to clean colored pointing mortar joints.
- Job site conditions will affect the final color of MVIS Premium Pointing Mortar. Try a small test area to determine your results before pointing the entire installation.
- Certain types of natural cut stone, thin brick, and manufactured masonry veneer are more absorbent than others and will trap color pigment during pointing. Prior to pointing, test for absorption of color pigment. Porous masonry veneer units will need to be sealed prior to pointing.
- Selecting Other Pointing Materials: For joints ranging in widths from 1/2" to 1-1/4" (12 – 32mm) use MVIS Pointing Mortar.
- Note: Surfaces must be structurally sound, stable and rigid enough to support natural cut stone, thin brick, and other masonry veneer finishes. Substrate deflection under all live, dead and impact loads of substrates must not exceed industry standards of

L/600 for masonry veneer unit installations where L=span length. For exterior vertical installations over framed construction, the substrate deflection under all live, dead and impacted loads, including concentrated loads, must not exceed L/600 where L=span length.

Cautions

- 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, protective clothing, 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.
- Pointing mortar may scratch soft glazed or polished surfaces. Conduct a test area to verify results
- Keep out of reach of children.

4. TECHNICAL DATA

VOC/LEED Product Information

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.

Applicable Standard

- ASTM C91

Physical Properties

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%

Working Properties

Pot Life	40-60 min at 70°F (21°C)
Final Set	3 hrs
Wet density	16.1 lb/gal. (1.93 g/cc)

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.

5. INSTALLATION

• Surface Preparation

Before starting, remove spacers and debris in joints and remove dust and dirt using a wet sponge. Do not leave water standing in joints. Substrate temperature must be between 40°F (4°C) and 90°F (32°C). Apply grout release or sealer if necessary.

Mixing with LATICRETE® PERMACOLOR® Select Color Kits

Use (2) PERMACOLOR Select Color Pigment Pods per 20 lb (9.1 kg) bag. Use approximately 2 - 2.2 quarts (1.9 L - 2.1 L) of clean potable water. Place water in a clean mixing container. Remove Color Pack from the plastic gusseted bag. The internal pigment pod is a water-dispersible pack. Mix with a drill mixer until pigment is dispersed evenly in container and the dispersible pack is no longer visible. Do not use with latex additive. Add MVIS™ Premium Pointing Mortar Base. Mix with a slow speed drill mixer (300 rpm) for 1 minute. The mix may look slightly dry during this time, but DO NOT ADD MORE WATER. The Water Dispersion Technology(TM) will take effect and wet out the product over the next 5 minutes during slaking. Wait the 5 minutes to slake and then remix with a drill for 1 minute.

Application

Dampen surface with water. Use either a trowel and tuck pointing tool or a mortar bag to place mortar. Once applied allow to firm to “thumbprint” hardness, trowel, rake and/or brush to the desired finish.

Note: If the pointing mortar begins to stiffen during installation, remix with a margin trowel for 10–15 seconds. DO NOT ADD MORE WATER!

6. AVAILABILITY AND COST

Availability

LATICRETE materials are available worldwide.

For Distributor Information, Call:

Toll Free: 1.800.243.4788

Telephone: +1.203.393.0010

For on-line distributor information, visit LATICRETE at laticrete.com

Cost

Contact a LATICRETE Distributor in your area.

7. WARRANTY

See 10. FILING SYSTEM:

- 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. MAINTENANCE

LATICRETE pointing mortars require routine cleaning with a neutral pH cleaner (e.g. STONETECH® Stone & Tile Cleaner) and water. 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. TECHNICAL SERVICES

Technical Assistance

Information is available by calling the LATICRETE Technical Service Hotline:

Toll Free: 1.800.243.4788, ext. 1235

Telephone: +1.203.393.0010, ext. 1235

Fax: +1.203.393.1948

Technical and Safety Literature

To acquire technical and safety literature, please visit our website at laticrete.com.

10. FILING SYSTEM

Additional product information is available on our website at laticrete.com. The following is a list of related documents:

- DS 230.13: LATICRETE Product Warranty
- DS 2104.0: LATICRETE 15 Year System Warranty
- DS 0247: LATICRETE 25 Year System Warranty
- DS 273.0: MVIS Epoxy Pointing Mortar
- DS 228.0: MVIS Pointing Mortar
- DS 661.0: MVIS Air & Water Barrier

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