



MVIS™ Premium Pointing Mortar

DS-274.0-0617

**Globally Proven
Construction Solutions**



1. PRODUCT NAME

MVIS™ Premium Pointing Mortar

2. MANUFACTURER

LATICRETE International, Inc.

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Toll Free: 1.800.243.4788, ext. 235

Fax: +1.203.393.1684

Internet: www.laticrete.com

3. PRODUCT DESCRIPTION

MVIS Premium Pointing Mortar is a premium factory prepared high performance, fast setting masonry pointing mortar that provides a masonry pointing mortar joint that is dense and hard. MVIS Premium Pointing Mortar is color consistent. Mix only with water.

Advantages

- Consistent color
- Fast setting
- Mixes with water only
- Ideal for floors and walls (joint widths of 1/4" – 1/2" [6 to 12 mm])
- Inhibits mold and mildew with anti-microbial additive
- Interior and exterior applications
- Residential and commercial

LATICRETE® PERMACOLOR® Select Color Kits can be mixed with MVIS Premium Pointing Mortar. We recommend using #44 Bright White color only to obtain a similar color match. Use 1 Color Kit (2 packets) per 25 lb (11.3 kg) bag or 2 Color Kits (4 packets) per 50 lb (22.7 kg) bag.

- Unique color options are now available in all LATICRETE colors when mixed with LATICRETE PERMACOLOR Select Color Kits.*

* LATICRETE makes no guarantee on color match to our grout color card and color tools. This process/method can be used to create a colored adhesive mortar to facilitate the installation of stacked stone or other finishes to create a colored adhesive mortar when pointing/grouting mortar is not utilized. Do not use colored adhesive

mortar as a substitute for pointing/grouting mortar. Always conduct a test area to validate performance and results.

Packaging

25 lb (11.3 kg) bags

Available in the following colors:

- 46 Quarry Red
- 24 Natural Grey
- 44 Bright White
- 45 Raven
- 66 Chestnut Brown
- 38 River Rock
- 40 Latte
- 39 Mushroom
- 58 Terra Cotta

Shelf Life

Factory sealed containers of this product are guaranteed to be of first quality for the time period listed below if stored off the ground in a dry area.

25 lb (11.3 kg) bags – one (1) year

Coverage

Coverage 350–380 linear ft. (107–116 linear m) with 1/4". (6 mm) deep by 3/8" (9 mm) wide joint.

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 tile, stone 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 tile, stone and manufactured masonry veneer 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 ceramic/stone tile, thin brick and similar finishes. Substrate deflection under all live, dead and impact loads of substrates must not exceed industry standards of L/600 for AMV units, tile or stone 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. 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.
- 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

Applicable Standards

ASTM C91

Physical Properties

Compressive Strength ASTM C109	4100–4500 psi (28.3–31.0 MPa)
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Working Properties

Pot Life	40–60 min at 70°F (21°C)
Final Set	3 hrs
Heavy Foot Traffic	6 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

Use approximately 2 quarts (1.9 L) of clean potable water for 25 lbs (11.3 kg) of MVIS™ Premium Pointing Mortar. Do not use with latex additive. Place water in a clean mixing container and add powder. Mix with a slow speed drill mixer (300 rpm) for 1 minute. Wait for 5 minutes and remix with drill for 1 minute.

Mixing with LATICRETE® PERMACOLOR® Select Color Kits

Dependent upon weight of MVIS mortar, use 1 PERMACOLOR Select Color Kit (2 packets) per 25 lb (11.3 kg) bag or 2 PERMACOLOR Select Color Kits (4 packets) per 50 lb (22.7 kg) bag.

Place water in a clean mixing container. Remove color packets from the cardboard container as well as the protective plastic sleeve. The internal bag is a water dispersible pack, drop all color packets directly in to water in clean mixing container. Mix with a drill mixer until all

pigment is dispersed evenly in container and the dispersible packets are no longer visible.

Add MVIS™ Premium Pointing Mortar (#44 Bright White color only) and mix as directed above. Please note that additional water may be necessary when using PERMACOLOR Select Color Kits.

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 drill mixer for 10–15 seconds. DO NOT ADD MORE WATER!

6. AVAILABILITY AND COST

Availability

LATICRETE® and LATAPOXY® materials are available worldwide.

For Distributor information:

Toll Free: 1.800.243.4788

Telephone: +1.203.393.0010

For on-line distributor information, visit LATICRETE at

www.laticrete.com.

Cost

Contact a LATICRETE Distributor in your area.

7. WARRANTY

See 10. FILING SYSTEM

DS 230.13: LATICRETE Product Warranty

A component of:

DS 230.15 SPD: LATICRETE 15 Year System Warranty – MVIS
For Steel or Wood Framed Exterior Facades
(United States and Canada)

DS 025.0 SPD: LATICRETE 25 Year System Warranty – MVIS
(United States and Canada)

8. MAINTENANCE

LATICRETE 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. TECHNICAL SERVICES

Technical Assistance

Information is available by calling the LATICRETE Technical Service Hotline:

Toll Free: 1.800.243.4788, ext. 235

Telephone: +1.203.393.0010, ext. 235

Fax: +1.203.393.1948

Technical and Safety Literature

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

10. FILING SYSTEM

Additional product information is available on our website at

www.laticrete.com. The following is a list of related documents:

DS 230.13: LATICRETE Product Warranty

DS 230.15SPD: LATICRETE 15 Year System
Warranty – For Steel or Wood Framed
Exterior Facades (United States and Canada)
DS 025.0SPD: LATICRETE 25 Year System
Warranty – (United States and Canada)
DS 273.0: MVIS Epoxy Pointing Mortar
DS 228.0: MVIS Pointing Mortar
DS 661.0: MVIS Air & Water Barrier

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