MVIS™ Pointing Mortar

DS-228-1026

Globally Proven Construction Solutions

1. PRODUCT NAME
MVIS™ Pointing Mortar

2. MANUFACTURER
LATICRETE International, Inc.
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3. PRODUCT DESCRIPTION
MVIS Pointing Mortar is for adhered stone, thin brick and manufactured masonry veneers. Factory prepared and designed to be mixed with water. Formulated from a blend of high strength portland cement, graded aggregates, and color-fast pigments. Provides a joint that is dense, hard and durable.

Uses
- For mortar joint widths of 3/16" (5 mm) up to 1-1/4" (32 mm)

Advantages
- Designed for exterior and interior use—ideal for both heavy duty use and for long lasting beauty
- Colors are specially blended to be uniform in color
- Part of a complete LATICRETE® system that includes materials for every aspect of a stone thin brick, manufactured stone or tile installation to ensure quality and long lasting performance

Suitable Substrates

Packaging
50 lb (22.7KG BAG) Bag

Available in the following colors:
- 46 Quarry Red
- 24 Natural Grey
- 44 Bright White
- 45 Raven
- 66 Chestnut Brown
- 40 Latte
- 39 Mushroom
- 58 Terra Cotta

Approximate Coverage
Due to varying stone dimensions and mortar joint width, it is difficult to accurately calculate coverage. Approximate coverage of 700–750 linear ft (213–229 linear m) with 3/8 in (9 mm) wide by 1/4 in (6 mm) deep joint.

Shelf Life
Factory sealed containers of this product are guaranteed to be of first quality for two (2) years if stored at temperatures >32°F (0°C) and <110°F (43°C) and off the ground in a dry area.

Limitations
- Adhesives/mastics, mortars and pointing mortar for stone, manufactured masonry veneer, pavers, brick and concrete tiles are not replacements for waterproof membranes or air and water barrier. When a waterproofing membrane or an air and water barriers is required, use MVIS Air & Water Barrier (see Section 10 FILING SYSTEMS).
- Do not use acid to clean finished mortor joints.
- Job site conditions may affect the final color of pointing mortar. Try a small test area to determine your results before pointing entire installation.
- Certain types of finishes are more absorbent than others and may trap color pigment during pointing.

- Prior to pointing, test for absorption of color pigment. Porous stone or tiles will need to be sealed prior to pointing.

Cautions

- Consult SDS for more safety information
- During cold weather, protect finished work from traffic until fully cured.
- Protect fresh pointing from rain. Allow mortar to cure for a minimum of 72 hours at 70°F (21°C) before exposing to rain.
- 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, respiratory irritation or serious lung problems. Do not breathe dust. Wear a respirator in dusty areas.
- Keep out of reach of children.

4. TECHNICAL DATA

Applicable Standard

- ASTM C 91 Standard Specification for Masonry Cement.
- This product has a cradle-to-gate (with options) Product-Specific (Type III) Environmental Product Declaration. The PCR review, life cycle assessment and declaration were independently verified by UL Environment in accordance with ISO 14025, ISO 14040 and ISO 14044.

Physical Properties

ASTM C91 Compressive Strength	3000–3500 psi (20.7–24.1 MPa)

Working Properties

MVIS™ Pointing Mortar mixed with Water at 70°F (21°C)

Pot Life	90 Minutes
Density	16.7 lb/gal (2.01 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 to point, remove spacers and debris in joints and remove dust and dirt using a damp 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 4–5 qts (3.8–4.7 L) of clean potable water for 50 lbs (22.7 kg) of MVIS Masonry Pointing Mortar. Place water in a clean mixing container and add mortar slowly. Mix by hand or with a slow speed mixer to a smooth flowable consistency. Allow mortar to slake for 5 minutes. Remix mortar.

Pigmenting with Color Packs

You may use PERMACOLOR® Select Color Kits with MVIS Pointing Mortar #44 Bright White to achieve an unlimited variety of colors. Add four color packets per 50lb bag of pointing mortar (each color kit contains two packets) to the recommended amount of water. The internal bag is water dispersible. Mix with a drill mixer until pigment is dispersed evenly in container and the dispersible packet is no longer visible. Follow the above mixing instructions. See TDS 108M for detailed instructions.

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.

Selecting Other Grout Materials

For joints up to 1/2" (12 mm) you may also use MVIS Premium Pointing Mortar.

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:

- 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 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) (Francais)
- Garantie de 15 ans sur les systèmes MVIS Pour façades extérieures à ossature en acier ou en bois (Canada) (Francais)

8. MAINTENANCE

MVIS Pointing Mortar requires routine cleaning with a neutral pH soap and water.

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 (United States and Canada)
- DS 230.15SPD: LATICRETE 15 Year Tile & Stone System Warranty – MVIS - For Steel or Wood Framed Exterior Facades (United States and Canada)
- DS 025.0SPD: LATICRETE 25 Year Tile & Stone System Warranty – MVIS (United States and Canada) 8. MAINTENANCE MVIS Pointing Mortar requires routine cleaning with a neutral pH soap and water.
- DS 273.0: MVIS Epoxy Pointing Mortar
- DS 274.0: MVIS Premium Pointing Mortar
- DS 661.0: MVIS Air & Water Barrier

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