1. PRODUCT NAME
MVIS Lite Wall Float

2. MANUFACTURER
LATICRETE International, Inc.
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Bethany, CT 06524-3423 USA
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Fax: +1.203.393.1684
Website: laticrete.com

3. PRODUCT DESCRIPTION
The MVIS™ Lite Wall Float is a super lightweight mortar developed with the installer in mind. The MVIS Lite Wall Float contains no respirable crystalline silica sand and is half the weight of traditional type S mortars. It is easy to float or repair walls up to ¾" (19mm) in one lift. Mixes only with water. No need for additional admixtures. Increase your production and reduce fatigue on the job. You will have a superior performing product to attach adhered masonry veneers to.

- Freeze-thaw resistant
- Ease of mixing and application - can be applied up to 3/4" (19mm) on a vertical surface
- Polymer fortified – no need for latex additives
- Preblended – no job site blending of powders required
- Economical – saves time and money
- For use as a scratch or finish coat in place of Type S or Type N mortar
- Can be used to ramp and pitch areas - bonded mortar bed assembly is possible with a slurry bond coat of MVIS Hi-Bond Veneer Mortar, down to a feather edge

Suitable Substrates
- Concrete
- Concrete Masonry
- Brick Masonry
- Cement Mortar Bed
- Cement Plaster
- Cement Backer Board (Consult cement backer board manufacturer for specific installation recommendations and to verify acceptability for exterior use)
- CMU

Packaging
30 lb (13.6 kg) bag; 56 bags per pallet
Part Number: 2900-0030-21

Approximate Coverage
<table>
<thead>
<tr>
<th>Render/Repair</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 ft. (3.7 m)</td>
<td>1/2&quot; (12mm)</td>
</tr>
<tr>
<td>9 ft. (2.7 m)</td>
<td>3/4&quot; (19 mm)</td>
</tr>
</tbody>
</table>

Shelf Life
Factory sealed containers of this product are guaranteed to be of first quality for two (2) years.

Limitations
- For Adhered Veneer installations using this product, consult local building code requirements regarding limitations and installation system specifications.
- Adhesives/mastics, mortars for manufactured stone, cast stone, brick and natural cut stone veneers are not replacements for water-resistant barriers. When a water-resistant barrier is required, use a LATICRETE® Air & Water Barrier or other water-resistant barrier as designed by water management professional.
• Surfaces must be structurally sound, stable and rigid enough to support manufactured stone, cast stone, brick and natural cut stone veneer finishes. Substrate deflection under all live, dead and impact loads, including concentrated loads, must exceed L/600 for thin adhered veneer exterior installations. Data Sheets are subject to change without notice. DS-xxx.0-1017 L=span length (except where local building codes specify more stringent deflection requirements). For latest revision, check our website at www.laticrete.com.

Cautions
Consult SDS for more safety information.
• During cold weather, protect finished work from elements until fully cured.
• Contains portland cement. Causes severe skin burns and eye damage. Wear protective gloves, protective clothing and eye protection. In case of contact, flush thoroughly with water.
• Do not take internally. Do not breathe dust. Wear a respirator in dusty areas.
• Keep out of reach of children

4. TECHNICAL DATA

Working Properties

<table>
<thead>
<tr>
<th>Properties</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initial Set</td>
<td>4 to 6 hours</td>
</tr>
<tr>
<td>Final Set</td>
<td>8 to 10 hours</td>
</tr>
<tr>
<td>Pot Life</td>
<td>2 hours</td>
</tr>
<tr>
<td>Time to Install Veneer</td>
<td>16 hours</td>
</tr>
<tr>
<td>Time to Install Liquid Membrane (1/2&quot; to &lt; 5/8&quot;)</td>
<td>72 hours</td>
</tr>
</tbody>
</table>

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
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 EJ171 “Movement joints-Vertical & Horizontal”. Do not cover expansion joints with mortar.

Application

Wall Renders
• Mixing Wall Renders
Mix a 30 lb bag (13.6 kg) of MVIS Lite Wall Float to 5.5 to 5.6 qts (5.2 to 5.3 L) of water. Mix to a plastic consistency. Allow mortar to slake for 5 minutes. Remix without adding any more water or powder.

• 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.

Application thicknesses over 3/4” (19 mm), apply a “scratch coat” first. 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 3/4” (19 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.
**Concrete Repair**

- **Concrete Repair and Resurfacing – Installation**
  Mix a 30 lb bag (13.6 kg) of MVIS Lite Wall Float to 5.5 to 5.6 qts (5.2 to 5.3 L) of water. Mix to a plastic consistency. Allow mortar to slake for 5 minutes. Remix without adding any more water or powder.

  Before placing mortar, apply a slurry bond coat made from MVIS Hi-Bond Veneer Mortar to all reinforcing steel and existing clean, sound and stable concrete surfaces. 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.

- **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. Refer to TDS 175M for more info.

- **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). Note: A slurry bond coat should also be applied to the edges of mortar beds installed from previous work periods. Cleaning Clean tools and tile work with water while the mortar is fresh. Refer to TDS 176M for more info.

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**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](http://laticrete.com).

**Cost**
Contact a LATICRETE Distributor in your area.

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**7. WARRANTY**

See 10. FILING SYSTEM:
- DS 230.13: 1 Year Product Warranty
- DS 025.0: 25 Year System Warranty
- DS 230.15APD: LATICRETE 15 Year Tile & Stone System Warranty

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**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](http://laticrete.com).