Adhered Masonry Veneers

For additional product information snap the image with your phone. Get the free app for your phone at http://gettag.mobi

Pour de plus amples renseignements sur le produit, scannez l’image avec votre téléphone. Obtenez l’application gratuite pour votre téléphone à http://gettag.mobi
**THE CHALLENGE**

The explosive increase in popularity of adhered masonry veneer facades has created a need for higher performance, factory produced installation materials to assure consistently high quality installations.

Up to now, the installation of masonry veneers has required the use of site-mixed Type S mortars – materials that are subject to large variations in consistency, quality and performance and which also limit the installation technique to that of traditional masonry.

Many projects have been plagued by delaminating stone and water intrusion among other installation issues inherent to materials and techniques which are limited in flexibility and margin for error. This traditional method is not engineered as part of a complete wall system and therefore does not offer warranties from a reliable source willing to stand behind the installation.

**THE SOLUTION**

Realizing these shortcomings, and based on our globally proven technology, LATICRETE has developed an installation system that provides a permanent, high strength installation that is freeze/thaw stable and protected from water intrusion.

Backed by the LATICRETE® 25 Year System Warranty*, the LATICRETE Masonry Veneer Installation System (MVIS™) allows for increased productivity utilizing either traditional masonry installation techniques or the “tile setter’s” method.

Vastly expanded architectural details are offered at www.laticrete.com/MVIS to help design professionals, contractors and installers understand the range of possible applications — and appropriate products and techniques which will assure long-term performance on projects of all types.
THE LATICRETE ADVANTAGE

- A Complete Installation System
- Factory Controlled Quality
- Labor and Materials Warranty*

* See Data Sheet 025.0 for complete warranty information.

LATICRETE® MASONRY VENEER MORTAR
A patented polymer fortified mortar designed specifically for the installation of stone, thin brick and manufactured stone masonry veneers. Our unique formulation provides exceptional workability, maximum non-sag performance and extended adjustability of installed pieces for all vertical installations. LATICRETE Masonry Veneer Mortar allows for more rapid installation resulting in higher labor production rates, and maximum bond between substrate and selected veneers. See Data Sheet 060.0 for complete product information.

LATICRETE® MASOnRY PoiNTIng MORTAR
Designed specifically for easy installation and clean-up when used with natural or manufactured stone. Easy to mix and highly workable, LATICRETE Masonry Pointing Mortar provides a finished joint that is dense, hard and durable. A premium formulation of a blend of high strength portland cement, graded aggregates and color-fast pigments. Mix with water or LATICRETE 1776 Grout Enhancer. See Data Sheet 228.0 for complete product information.

LATICRETE® HYDRO BAN™
A single component self curing liquid rubber polymer that forms a thin, flexible, seamless, load-bearing and breathable waterproofing/crack isolation membrane. LATICRETE Hydro Ban™ bonds directly to a wide variety of substrates and does not require the use of fabric in the field, coves or corners. See Data Sheet 663.0 for complete product information.

LATICRETE 3701 FORTIFIED MORTAR BED
Designed for use where metal lath or a leveling bed is a desired element of an installation, LATICRETE® 3701 Fortified Mortar Bed is a one-step polymer fortified blend of carefully selected raw materials, which when mixed with water forms a high-strength and easily workable mortar for wall applications. See Data Sheet 100.0 for complete product information.

LATAPOXY® WATERPROOF FLASHING MORTAR
An epoxy-based 3-component, trowel applied, waterproofing and vapor barrier membrane. Can be used to waterproof seams, gaps or joints between a variety of substrates and bonds to metal and PVC pipe penetrations or flashing. It is specifically designed to be used as a fast curing waterproof flashing under stone, thin brick or manufactured stone masonry veneers. See Data Sheet 070.0 for complete product information.

LATICRETE® MASOnRY PoiNTIng MORTARs CoLoR AvAIlAbILITy
- Bright White
- Latte
- Quarry Red
- Parchment
- Almond
- Natural Grey

LATICRETE® MASOnRY POIINtIng MORTARs CoLoR AvAIlAbILITy*

See Data Sheets 6200.1 and 6528.1 for complete product information.
A LETTER TO SPECIFIERS:

Re: LATICRETE® Masonry Veneer Installation System (MVIS™)

LATICRETE has developed an enhanced system of Adhered Veneer Installation products to improve upon the traditional methods of installation that have demonstrated the tendency to fail through delamination and premature corrosion of the structural reinforcing.

The LATICRETE system is similar to the traditional method with the difference that instead of utilizing standard masonry cement mortars as in the past, polymer fortified adhesive mortar is used. LATICRETE Masonry Veneer Mortar has been specifically designed to provide high bond strength, flexibility and durability. It is used employing the same installation methods the installers have become accustomed to.

A further improvement is the inclusion of LATICRETE Hydro Ban™, a liquid applied breathable waterproof membrane that prevents moisture intrusion in barrier wall constructs. This membrane is located outside of the corrotable structural components of the wall offering maximum protection and longevity to the entire assembly.

In addition, the LATICRETE system allows for another option that increases quality and durability. Instead of a field formed lath and plaster substrate, which is subject to great variability in workmanship (and therefore quality), cement backer board is used. This substrate is typically used with tile and natural stone installations and is "time and field proven" to provide great consistency and durability in installations. By replacing the lath and plaster coat, this option also decreases the cost of the system at the same time as increasing performance levels.

LATAPOXY® Waterproof Flashing Mortar and LATICRETE Latasil™ silicone sealant allow for a complete installation that is protected by the LATICRETE System Warranty*.

Complete specifications and details are available at www.laticrete.com.

Thank you,

LATICRETE International, Inc.

* See Data Sheets 230.13, 230.15MVIS, and 025.0 for complete warranty information.
**NOTE:** 1. Substrates scheduled to receive manufactured stone, natural stone and thin brick must be structurally sound, rigid and conform to good design/engineering practices in accord with all applicable building codes with maximum deflection under all live, dead and impact loads, including concentrated and all anticipated loads of L/360 for thin brick and ceramic tile and L/480 for manufactured and natural stone. Steel and wood frame constructs shall also be designed to meet this criteria.

2. LATICRETE® Masonry Pointing Mortar is designed to meet product applicable project specifications. LATICRETE Masonry Pointing Mortar does not inhibit efflorescence from occurring in natural or manufactured stone facade installations. Efflorescence is a normal condition that may occur when installing portland cement based products. During installation, strike joints in a consistent time frame relevant to application time. Pointing mortar should be thouroughly dry before striking. Striking joints too early or too late can create color inconsistencies.

3. Masonry Pointing Mortar color samples are guides only. LATICRETE does not warrant color matching to any color guide produced. Actual shade and texture will depend on job site conditions, lighting, installation techniques, and types of tile or stone used. Verify actual appearance and compatibility with a test area before installing. Blend colored mortars with different control numbers. Follow ANSI A108.10/MMSA Bulletin #9. No claims for color shade variations will be honored.


5. For information on pumpable scratch and brown coats, contact LATICRETE Technical Services.

6. For complete application information and limitations consult related Product Data Sheets and Execution Statements related to these details and applicable standards. See warranty Data Sheet 025.0 for full information and terms.

7. As a professional courtesy, LATICRETE offers technical services free of charge. The user maintains all responsibility for verifying the applicability and suitability of the technical service or information provided.
NOTE: 1. Substrates scheduled to receive manufactured stone, natural stone and thin brick must be structurally sound, rigid and conform to good design/engineering practices in accord with all applicable building codes with maximum deflection under all live, dead and impact loads, including concentrated and all anticipated loads of L/360 for thin brick and ceramic tile and L/480 for manufactured and natural stone. Steel and wood frame constructs shall also be designed to meet this criteria.

2. LATICRETE® Masonry Pointing Mortar is designed to meet product applicable project specifications. LATICRETE® Masonry Pointing Mortar does not inhibit efflorescence from occurring in natural or manufactured stone facade installations. Efflorescence is a normal condition that may occur when installing Portland cement based products. During installation, strike joints in a consistent time frame relevant to application time. Pointing mortar should be thumbprint dry before striking. Striking joints too early or too late can create color inconsistencies.

3. Masonry Pointing Mortar color samples are guides only. LATICRETE does not warrant color matching to any color guide produced. Actual shade and texture will depend on job site conditions, lighting, installation techniques and types of tile or stone used. Verify actual appearance and compatibility with a test area before installing. Blend colored mortars with different control numbers. Follow ANSI A108.10/MMSA Bulletin #9. No claims for color shade variations will be honored.


5. For information on pumpable scratch and brown coats, contact LATICRETE Technical Services.

6. For complete application information and limitations consult related Product Data Sheets and Execution Statements related to these details and applicable standards. See warranty Data Sheet 025.0 for full information and terms.

7. As a professional courtesy, LATICRETE offers technical services free of charge. The user maintains all responsibility for verifying the applicability and suitability of the technical service or information provided.

**DETAIL LEGEND**

- **A** Adhered Masonry Veneer
- **B** LATICRETE® Masonry Pointing Mortar
- **C** LATICRETE Masonry Veneer Mortar
- **D** LATICRETE Hydro Ban™ (for warranty qualification some applications require waterproofing)
- **E** LATICRETE 3701 Fortified Mortar Bed
- **F** Metal Lath, 3.4# Galvanized Diamond Wire Lath
- **G** Cleavage Membrane 15 lb Builders Felt or 4 mil Polyethylene
- **H** Cement Backer Board
- **I** Exterior Rated Sheathing

**W244-E**
Wood Framing or Cement Backer Unit/Steel — Exterior Wall

**W265**
Steel Framing with Exterior Rated Sheathing — Cement Leveling Bed with Wire Lath and Waterproofing — Exterior Wall

**W300**
Concrete or Concrete Masonry Unit (CMU) — Cement Leveling Bed With Waterproofing — Exterior or Interior Wall
LATICRETE offers a comprehensive 25 year, 100% labor and materials system warranty* for masonry veneer installations over concrete and masonry substrates (for both interior and exterior applications) and a 15 year, 100% labor and materials system warranty** for steel or wood framed exterior facades.

**See Data Sheet 025.0 for complete warranty details
** See Data Sheet 230.15MVIS for complete warranty details.

LATICRETE is a member of The Masonry Veneer Manufacturers Association (MVMA), an organization representing manufacturers and suppliers of manufactured stone and brick veneer products.

The MVMA proactively seeks to advance the growth of manufactured masonry veneer products through technical advocacy and awareness efforts.

- Supports the Development of ASTM Product and Installation Standards as well as ICC-ES Codes and Standards
- Establishes Cooperative Relationships With NAHB, the Green Building Council, LEED, AIA, ASLA and CSI
Mortar Color Guidelines – Masonry Pointing Mortar color samples are guides only. LATICRETE does not warrant color matching to any color guide produced. Actual shade and texture will depend on job site conditions, lighting, installation techniques and types of tile or stone used. Verify actual appearance and compatibility with a test area before installing. Blend colored mortars with different control numbers. Follow ANSI A108.10/MMSA Bulletin #9. No claims for color shade variations will be honored.