



# Masonry Veneer Installation System Product Selection Catalogue



Adhered Masonry Veneers  
Natural Stone  
Thin Brick  
Manufactured Stone

Snap for more  
information.



## LATICRETE offers the **best warranties** IN THE INDUSTRY

Enjoy peace of mind with high quality, world renowned LATICRETE Products.

Consider the extra value and peace of mind a LATICRETE Warranty can bring when selecting the installation system for your project.

LATICRETE provides comprehensive warranties for commercial, residential and industrial project worldwide. However, our best guarantee is our 60 Years of experience with these commercial, residential and industrial installation in every imaginable climate, in just about every country around the world.

LATICRETE Australia warrants that LATICRETE products will be free from manufacturing defects and will not break down or deteriorate when installed in accordance with LATICRETE written specification and guidelines. Efflorescence is a natural condition of Portland cement and is not a defective condition.

This warranty is not transferable or assignable. Keep invoices and receipts as proof of purchase. This warranty is limited to defects in our products. LATICRETE is not liable for any incidental damages or consequential damages including losses due to delays, incurred by the purchaser or any other party.

This warranty does not cover any defects caused by an accident, misuse, abuse, improper installation, lack of reasonable care, unauthorised modification, tampering or attempt to repair by a person not authorised by the original applicator; or any product that has been used for purpose other than its intended use. This warranty is limited to products supplied by LATICRETE Australia.

For these limited warranties to apply, the applications that comprise the installation must be performed with the products listed in the particular document for each application (refer to the charts on this page).

For Consumers as defined by the ACL, the benefits conferred by this warranty are in addition to all rights and remedies in respect of the product that the consumer has under the Competition and Consumer Act 2010 and similar state and territory laws. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.



LATICRETE 15 Year System Warranty	
APPLICATION	PRODUCTS
<b>Underlayment</b>	3701 Fortified Mortar Bed 3701 Mortar Admix mixed with • 226 Thick Bed Mortar
<b>Moisture Shield</b>	LATAPOXY® Moisture Shield
<b>Waterproofing/Anti-Fracture</b>	HYDRO BAN®
<b>Thick Bed Method</b>	3701 Fortified Mortar Bed 3701 Mortar Admix mixed with • 226 Thick Bed Mortar
<b>Thin Bed Method</b>	MVIS™ Masonry Veneer Mortar
<b>Grouting</b>	MVIS™ Masonry Veneer Pointing Mortar PERMACOLOR® Grout
<b>Sealant</b>	LATASIL™ and LATASIL 9118 Primer where required

See [www.laticrete.com.au/warranty](http://www.laticrete.com.au/warranty) for complete warranty information.



## THE LATICRETE ADVANTAGE

- 1 3701 Fortified Mortar Bed Scratch Coat/Brown Coat
- 2 HYDRO BAN® Waterproofing membrane
- 3 Masonry Veneer Mortar
- 4 Masonry Pointing Mortar / PERMACOLOR® Grout
- 5 Flexible Sealant (for movement joints)



### THE CHALLENGE

Up to now, the installation of manufactured stone masonry veneer has often depended on the use of site-mixed unfortified masonry mortars 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 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.

### THE SOLUTION

Realising 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.

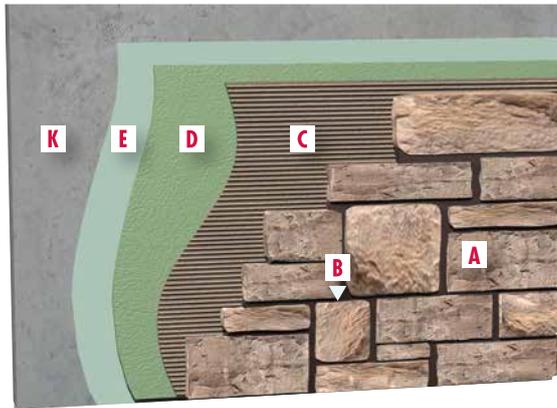
Backed by the LATICRETE® System materials, the LATICRETE Masonry Veneer Installation System (MVIS™) allows for increased productivity utilising either traditional masonry installation techniques or the “tiler’s method”.

Vastly expanded architectural details are offered at [www.laticrete.com.au/MVIS](http://www.laticrete.com.au/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.



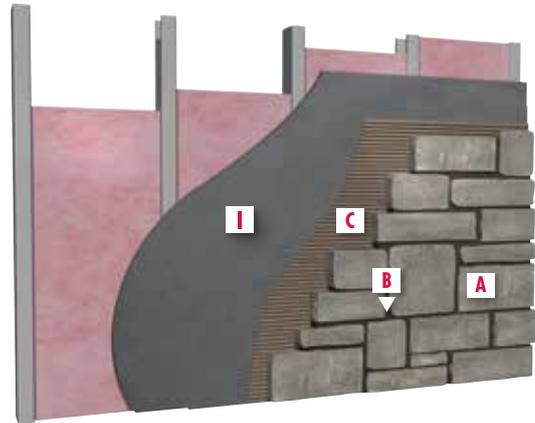
## EXTERIOR WALL

Concrete wall - Direct adhered with fluid applied air and water barrier



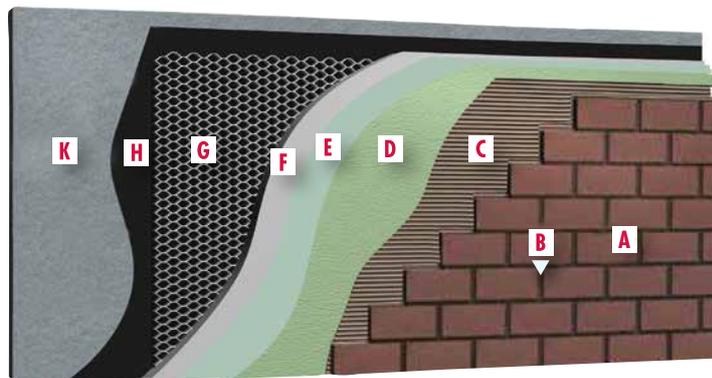
## INTERIOR WALL

Framed wall with cement backer board substrate



## EXTERIOR WALL

Concrete wall - lath with scratch and brown coat



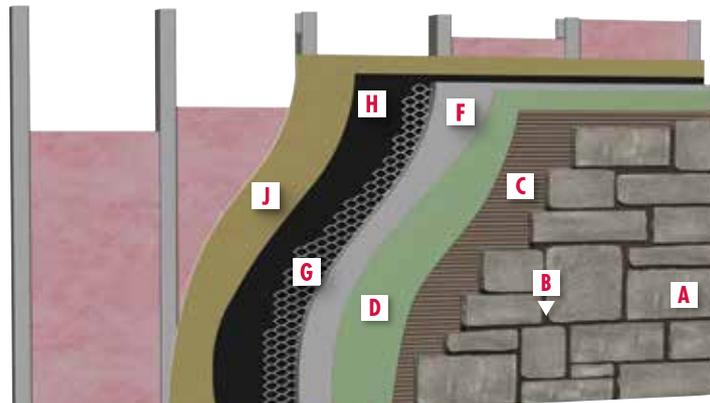
## DETAIL LEGEND

- A Masonry Veneer or Thin Brick
- B Masonry Pointing Mortar/PERMACOLOR® Grout
- C Masonry Veneer Mortar
- D HYDROBAN®BAN
- E LATAPOXY® Moisture Shield
- F 3701 Fortified Mortar Bed

- G Metal lath, 3.4# galvanized diamond wire lath
- H Cleavage membrane, 6.5 kg builders felt
- I Cement backer board
- J Exterior rated sheathing
- K Concrete or Masonry

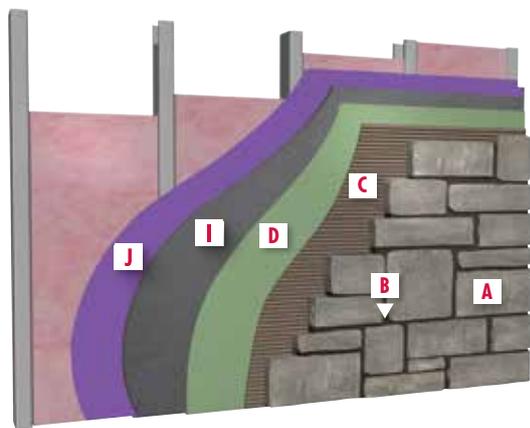
## EXTERIOR WALL

Framed wall with exterior rated sheathing  
– lath with scratch and brown coat



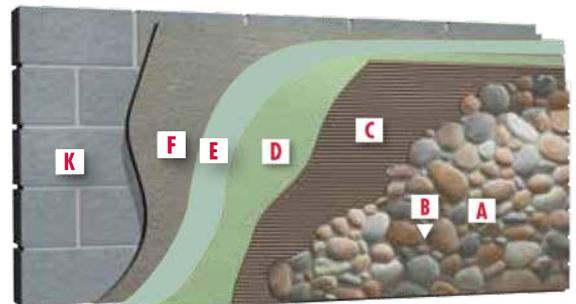
## EXTERIOR WALL

Framed wall with exterior rated sheathing  
– cement backer board substrate



## EXTERIOR WALL

Concrete Masonry Unit (CMU) wall with skim coat –  
direct adhered with fluid applied air and water barrier



**NOTE:** 1. Framed substrates scheduled to receive manufactured stone, natural stone or 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  $L/600$  for all exterior veneer types. Steel and wood frame constructs shall also be designed to meet this criteria. Lateral bracing and edge support for cement backer board panels is required. Install sheathing panels as directed by board manufacturer's installation instructions and building code requirements.

2. Masonry Pointing Mortar is designed to meet product applicable project specifications. 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. Masonry Pointing Mortar should be thumbprint dry before striking. Striking joints too early or too late can create colour inconsistencies.

3. Masonry Pointing Mortar colour samples are guides only. LATICRETE does not warrant colour matching to any colour 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 coloured mortars with different control numbers. No claims for colour shade variations will be honoured.

4. Please consult LATICRETE Technical Services for more information. 1800 331 012, [www.laticrete.com.au](http://www.laticrete.com.au), [technicalservices@laticrete.com.au](mailto:technicalservices@laticrete.com.au).

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 DS-1242 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.

8. Design and placement of weather resistive barriers, vapour retarders and air/water barriers to be detailed by project design professional.



**Performance Level: BEST**  
Refer to Data Sheet DS-1000

## 3701 Fortified Mortar Bed

3701 Fortified Mortar Bed is a one-step polymer fortified blend of carefully selected raw materials, Portland cement and graded aggregates. 3701 Fortified Mortar Bed does not require the use of latex admix; you only need to add water to produce a thick bed mortar or render with exceptional strength. Save time and money by eliminating the need for job site measuring and mixing of sand and cement to the proper ratio. A suitable alternative to 3701 Mortar Admix combined with 226 Thick Bed Mortar.

**PACKAGING** 20 kg bag; 56 bags per pallet.

APPROXIMATE COVERAGE <small>per bag</small>	
THICKNESS	COVERAGE
10 mm	1 m <sup>2</sup>



See Data Sheet DS-1063 / DS-1046

## 3701 Mortar Admix / 226 Thick Bed Mortar

226 Thick Bed Mortar gauged when with 3701 Mortar Admix produces a shock resistant, fortified thick-bed mortar for use in "Extra Heavy Duty" tile and paver installation. It is particularly well suited to installation where heavy vehicular or mass transit traffic is expected.

### PACKAGING

3701 Mortar Admix: 15 litre pail; 36 pails per pallet  
226 Thick Bed Mortar: 20 kg bag; 56 bags per pallet



**Performance Level: BEST**  
Refer to Data Sheet DS-1176

## LATAPOXY® Moisture Shield

LATAPOXY® Moisture Shield is a 2 component, roller applied epoxy coating specifically designed to reduce moisture vapour emissions in concrete and other substrates.

### FEATURES/BENEFITS

- Easy to use - rolls on like paint
- Cures in 24hours
- Can be applied over green concrete (min. 7 days old)

**PACKAGING** 20 litre unit (10 litre Part A and 10 litre Part B); 32 units per pallet



## HYDRO BAN®

HYDRO BAN® is a thin, load bearing waterproofing/crack isolation membrane that DOES NOT require the use of fabric in the field, coves or corners. HYDRO BAN is a single component self curing liquid rubber polymer that forms a flexible, seamless waterproofing membrane that bonds directly to a wide variety of substrates. HYDRO BAN is a certified low VOC emitting product. HYDRO BAN is a highly extensible Class 3 membrane suitable for Immersed Installations, Internal Wet Areas and External Above Ground use.

- Class 3 membrane in accordance with AS4858 & AS4654.1
- Anti-fracture protection up to 3mm
- Low VOC
- Easy to clean with water
- Compatible with most good quality tile adhesives.



**Performance Level: BEST**  
Refer to Data Sheet DS-1036

### PACKAGING

**Commercial Unit:** 15 litre pail; 36 pails per pallet, 3.8 litre pail; 4 pails per carton; 48 pails per pallet

APPROXIMATE COVERAGE	
UNIT SIZE	COVERAGE
15 litre pail	18 m <sup>2</sup>
3.8 litre pail	4.6 m <sup>2</sup>



## LATAPOXY® 310 Stone Adhesive

A two-component, high strength construction epoxy adhesive for spot bonding large format tile and stone on vertical surfaces, for interior or approved exterior applications. Offers major advantages in terms of speed and productivity over mechanical anchoring, plaster and wire, and the thin-set method of veneer installation. Available in standard and rapid set formulas. Easier to install when compared to traditional methods — no drilling, cutting of kerfs or setting of pins — LATAPOXY® 310 Stone Adhesive allows for quick, easy plumb adjustment while stone is in place to compensate for uneven walls and stone thickness variations. LATAPOXY 310 Stone Adhesive is permanent; it will not fail or deteriorate over time and is ICC and IBC approved.



Refer to Data Sheets DS-1042 and DS-1086

### PACKAGING

**Rapid:** 5 litre of Part A and 5 litre of Part B. Packed 1 kit per carton; 40 kits per pallet. Available in rapid version only.

**Standard:** 10 litre of Part A and 10 litre of Part B. Packed 18 kits per pallet. Available in standard version only.

### MIXING

Combine equal volumes of LATAPOXY 310 Stone Adhesive Part A and LATAPOXY 310 Stone Adhesive Part B (1:1). Do not mix more than approximately 0.5 litre of LATAPOXY 310 Rapid Stone Adhesive at a time.

APPROXIMATE COVERAGE		
Average Millimetres out of plumb	LATAPOXY® 310 Stone Adhesive Thickness	Approximate Coverage/10 litre Units
Plumb Wall 3 mm	3 mm thick	27 – 30 m <sup>2</sup>
6 mm	6 mm thick	14 – 16 m <sup>2</sup>
12 mm	12 mm thick	7 – 7.5 m <sup>2</sup>





**Performance Level: BEST**

Refer to Data Sheet DS-1076

## Masonry Veneer Mortar

Masonry Veneer Mortar is a patented, versatile polymer fortified adhesive mortar designed specifically for the installation of adhered masonry veneer, stone and thin brick. A high performance mix provides maximum non-sag performance for vertical installations and also obtains maximum bond strength to the substrate and selected veneers. Formulated for added strength, Masonry Veneer Mortar offers exceptional workability. Meets and exceeds the requirements of AS ISO13007.1&2 as a C2TS1

**PACKAGING** 20 kg bag; 56 bags per pallet; Grey.

APPROXIMATE COVERAGE <small>Per 20 kg bag</small>	
VERTICAL APPLICATIONS	m <sup>2</sup>
NOTCH TROWEL	COVERAGE
6 mm x 9 mm notched trowel	5.5 – 6.2
12 mm x 12 mm notched trowel	4 – 4.5
Adhered Masonry Veneer Application Method	2.75 – 3.25



Refer to Data Sheet DS-1075

## Masonry Pointing Mortar

A factory prepared, Masonry Pointing Mortar is designed to be mixed with water or a LATICRETE Latex grout enhancer. Formulated from a blend of high strength Portland cement, graded aggregates, and colour-fast pigments. Provides a joint that is dense, hard and durable.

**COLOURS** See Masonry Pointing Mortar Colour Chart on page 9 for a list of available colours.

**PACKAGING** 22.7 kg bag; 56 bags per pallet.

APPROXIMATE COVERAGE
213 – 229 linear m with 9 mm x 6 mm deep joint



Refer to Data Sheet: DS-1041

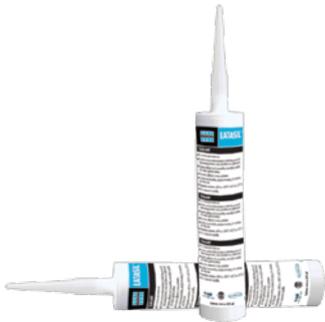
## PERMACOLOR® Grout

The maximum performance available in a cement-based grout. Provides consistent colour, and antimicrobial protection to resist stain-causing mould and mildew and contains Kevlar® for strength and durability. PERMACOLOR® Grout mixes with water only (no additive required) and is easy to install. Ideal for both floors and wall joints from 1.5 mm to 12 mm. For both interior, exterior and submerged applications. Meets and exceeds the requirements of AS ISO 13007.3 & 4 as a CG2WAF classification.

**COLOURS** See Colour Chart on page 9 for a list of available colours.

**PACKAGING** 10 kg bag; 100 bags per pallet; 2 kg bag; 8 bags per carton (sold as a carton); 40 cartons per pallet.





Refer to Data Sheet DS-1074

## LATASIL™

High performance, 100% silicone sealant designed for use in coves, corners, changes in plane and expansion joints in exterior and interior applications of adhered masonry veneer. Can be used in fountains, water features and other wet area applications. LATASIL™ conforms to ASTM C 920 and ASTM C 794 adhesion properties and inhibits the growth of stain-causing mould and mildew in sealant joints with antimicrobial product protection.

**COLOURS** See LATASIL Colour Chart on page 9 for a list of available colours.

**PACKAGING** 305 ml cartridges; 6 cartridges per carton; 240 cartons per pallet.

### APPROXIMATE COVERAGE Per cartridge

THICKNESS	COVERAGE
6 mm x 6 mm	7.62 m
9 mm x 9 mm	3.35 m



Refer to Data Sheet DS-1185

## LATASIL™ 9118 PRIMER

Increases adhesion for porous stone, submerged, and permanent wet area applications.

### FEATURES/BENEFITS

- Ideal for harsh environments
- Ready to use
- Fast dry time.

**PACKAGING** 240ml tin; 5 tins per carton. Tins sold individually



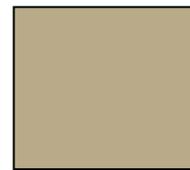
## MASONRY POINTING MORTARS, PERMACOLOR® GROUT & LATASIL™ COLOUR CHART:



**Bright White**



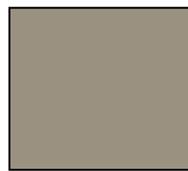
**Mushroom**



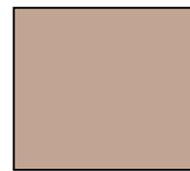
**Latte\***



**Chestnut Brown\***



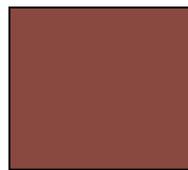
**Natural Grey**



**River Rock\***



**Terra Cotta\***



**Quarry Red\***



**Raven\***

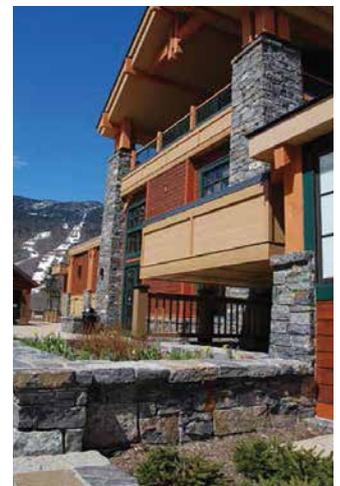
\*Special order colours

### POINTING MORTAR AND SEALANT COLOUR GUIDELINES

Pointing Mortar and sealant samples are guides only. LATICRETE does not warrant colour matching to this colour chart or to any colour guide produced. Actual shade and texture will depend on job site conditions, lighting, installation techniques and types of adhered masonry veneer used, and may vary from this colour chart, colour channel kits and colour swatch on product packaging. Verify

actual appearance and compatibility with a test area before installing. Blend pointing mortar with different control numbers. No claims for colour shade variations will be honoured.

**Note:** Colour availability of all LATICRETE products are subject to change.





## GREENGUARD Certified LOW VOC LEED COMPLIANT

Many companies might say their products are low VOC, only one independently certifies it – LATICRETE.

- Third Party GREENGUARD Certification, required to meet stringent indoor air quality standards
- Certified by GREENGUARD for Children & Schools
- Helps contribute toward LEED certification
- Product certifications readily available at [www.laticrete.com/green](http://www.laticrete.com/green)



LATICRETE Australia Pty Ltd is a proud member of the Australian Stone Advisory Association Ltd. Many of the ASAA's core foundations reflect those from which LATICRETE has built its global business over the last six decades. In particular, we share the strong belief/commitment that professional yet unselfish education is a major factor in building and sustaining the stone business. . . in every phase of its being. Just as the ASAA "provide(s) information about the Stone Industry and related technology for the public benefit and not for particular businesses and make(s) the benefits of scientific research publicly available," we at LATICRETE are always ready and willing to help those eager to learn the correct and most up-to-date methods of stone installation.

The installation solutions offered via our Masonry Veneer Installation System (MVIS) have been formulated with today's most cutting-edge technologies combined with a worldwide track record that continues to be architecturally accepted and globally proven. We look forward to sharing these solutions with industry professionals.



LATICRETE is a member of The Masonry Veneer Manufacturers Association (MVMA), an organisation 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

\* United States Invention Patent No.: 6881768 (and other Patents).  
See [www.laticrete.com.au/warranty](http://www.laticrete.com.au/warranty) for complete warranty information.



LATICRETE Australia Pty Ltd | 29 Telford Street, Virginia, QLD 4014 Australia | 1800 331 012 | [www.laticrete.com.au](http://www.laticrete.com.au)

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