LATICRETE

Globally Proven Construction Solutions

Proven Installation Systems for Tile and Stone Applications

Underlayments   Crack Suppression   Waterproofing   Sound Control

Adhesives   Mortars   Grouts   Sealant

Cayan Tower, Dubai, UAE

Sydney Aquatic Centre, Sydney, NSW, Australia

Harvard Law School, Cambridge, MA, USA

Marina Bay Sands Singapore® Infinity Edge Pool at the Sands® SkyPark, Singapore, Southeast Asia

The Beijing National Aquatics Centre, Beijing, China

Worldwide Availability   ■   Industry Standard   ■   Code Approved

System Warranty   ■   On Site Technical Assistance

Interior   Exterior   Commercial   Residential   Industrial

Snap for more information.

TABLE OF CONTENTS

LATICRETE offers a comprehensive 100% labour and materials warranty for tile and stone installations, underwritten by an AAA rated Global Insurance Company.

- The most comprehensive assortment of tile and stone installation materials available for virtually any tile or stone application around the world

- LATICRETE® warranties cover any suitable tile or stone manufacturer's product, allowing you to select the appropriate product and finish you desire for your project with confidence

- Customisable warranties are available to suit your specific project requirements

CERTIFICATIONS

LATICRETE materials are certified by independent laboratories throughout the world to meet or exceed applicable industry standards/norms, including: DIN, EN, ANSI, AS, ISO, UEATC, JIS, ASTM, ABSAC, and UPC® IAPMO and the ICC.

25 YEAR Warranty*
*See Data Sheet DS-1097

15 YEAR (Facades, Steel or Wood Frame) Warranty*
*See Data Sheet DS-1097

LIFETIME Warranty*
*See Data Sheet DS-1097

PRODUCT SELECTION GUIDE

PRODUCT TYPE/DESCRIPTION	PRODUCT NAME	USE	SUBSTRATE TYPE	APPLICABLE STANDARDS
UNCOUPLING				
Uncoupling Mat	STRATA_MAT™	I, E	1, 2, 3, 4, 6	N/A
SURFACE PREPARATION				
Self-Leveling/Underlayment	NXT™ Level Plus	I	1, 2, 3†, 4*, 6††	N/A
Vapour Reduction Membrane	NXT Vapour Barrier	I	1	N/A
	LATAPOXY® Moisture Shield	I, E	1, 2, 3†	
Leveling Floors and Walls (Thick Bed)	3701 Fortified Mortar Bed	I, E	1, 2, 3†, 4, 6††	N/A
	3701 Mortar Admix with 226 Thick Bed Mortar	I, E	1, 2, 3†, 4, 6††	N/A
Crack Suppression, Anti-Fracture	125 Sound & Crack Adhesive	I	1, 3†, 4*, 6	ANSI A118.12
	HYDRO BAN®	I, E	1, 2, 3†, 4*, 5, 6	ANSI A118.12
	STRATA_MAT™			
Sound Control Underlayment	125 Sound & Crack Adhesive	I	1, 3†, 4*, 6	AS ISO 140.6—2006, AS ISO 140.8—2006 & AS ISO 717.2—2004.
	LataCoustic Sound Control	I	1, 3†, 4*, 6	AS ISO 140.6—2006, AS ISO 140.8—2006 & AS ISO 717.2—2004.
WATERPROOFING				
Waterproofing — Liquid Applied Commercial, Extra Heavy Duty	HYDRO BAN	I, E	1, 2, 3†, 4*, 5, 6	AS4858 & AS4654.1
	9235 Waterproofing Membrane	I, E	1, 2, 3†, 4*, 5, 6	AS4858
EPOXY ADHESIVE				
100% Solids Epoxy Adhesive (Maximum Strength & Chemical Resistance)	LATAPOXY 310 Stone Adhesive and LATAPOXY 310 Rapid Stone Adhesive	I, E	1, 2, 3†, 6, 8℧	AS ISO 13007.1 & 2
	LATAPOXY 300 Adhesive	I, E	1, 2, 3†, 4, 5, 6, 8℧	AS ISO 13007.1 & 2
MULTIPURPOSE CEMENT MORTAR				
Premium Polymer Fortified Thin-Set Mortar	345 Platinum	I, E	1, 2, 3†, 4, 5, 6	AS ISO 13007.1 & 2
	335 Rapid Premium Flexible Adhesive	I, E	1, 2, 3†, 4, 5	AS ISO 13007.1 & 2
	4-XLT	I, E	1, 2, 3†, 4, 5	AS ISO 13007.1 & 2
	4237 Latex Additive with 211 Crete Filler Powder	I, E	1, 2, 3†, 4, 5	AS ISO 13007.1 & 2
GROUTS				
Cross Linking Technology Epoxy Grout	SPECTRALOCK® PRO Grout	I, E	N/A	AS ISO 13007.3 & 4
Premium Cement Based Grout	PERMACOLOUR® Grout	I, E	N/A	AS ISO 13007.3 & 4
Cross Linking Technology Epoxy Grout — Industrial	SPECTRALOCK 2000 IG	I	N/A	AS ISO 13007.3 & 4

USE
I = Interior   E = Exterior

SUBSTRATES
1 = Concrete
2 = Masonry
3 = Cementitious Backer Board†
4 = Existing Ceramic, Stone, Cement Terrazzo

5 = Gypsum Board (Interior Only)
6 = Exterior Glue Plywood (Interior Only)
7 = Vinyl, Plastics, Laminates (Interior Only)
8 = Steel
N/A = Not Applicable

† Interior use only
* Skim coat with 345 Platinum.
** Exterior applications to façades with LATAPOXY 310 Stone Adhesive or LATAPOXY 300 Adhesive must be approved by LATICRETE Technical Service prior to installation.
† Consult cement backer board manufacturer for specific installation recommendations and to verify acceptability for exterior use.
†† Interior use only, with adequate rigidity for the loads and mechanically fastened 3.4# diamond metal lath.
^ United States Patent No.: 6881768 (and other Patents).
~ Concrete must be 152 mm thick, 28 days old, have a compressive strength of 24 MPa, and be free of curing compounds, sealers, form release agents, or other potential bond breakers.
△ Double wythe concrete masonry unit wall construction.
℧ Steel surface must be cleaned to remove oil, dust oxidation and other bond inhibiting materials.

For nearly 60 years, LATICRETE has led the industry with pioneering advancements—developing high-performance building materials for architects and construction professionals worldwide. From time-tested to ground-breaking, our broad product portfolio provides superior quality and value. We are fully committed to innovation, growth and a complete system component approach.

Unmatched Peace of Mind

LATICRETE takes pride in delivering comprehensive system warranty packages and superior service through industry-leading support. With training from our highly experienced technical support team and quick, easy access to supportive online tools, we provide everything you need to ensure high-performance solutions.

Tile & Stone Installation and Care Systems CSI Divisions 9 & 22

Ensure a successful installation each and every time with the most comprehensive assortment of innovative tile and stone installation materials available worldwide. LATICRETE® industry-leading products provide complete system solutions from the substrate up through the grout for virtually any type of tile or stone installation in commercial, industrial and residential applications.

Product categories include surface preparation, waterproofing, sound control, anti-fracture, adhesives, grouts, sealers and cleaners, and shower system components — all designed to work together, providing a comprehensive installation.

STONETECH®

Masonry Installation and Care Systems CSI Division 4

Keep up with the increasing popularity of adhered masonry veneers. Trust your installations to a complete productivity-boosting system designed to deliver superior, long-term performance on masonry projects of all types including residential, commercial, and industrial applications.

Unlike traditional methods and materials, the Masonry Veneer Installation System (MVIS™) is engineered to provide a permanent, high-strength installation that uses a revolutionary waterproofing membrane to protect against weather and water intrusion, and provide freeze/thaw stability. The MVIS is designed for thin-brick, manufactured stone and natural stone veneers for interior and exterior applications. Complimentary products include paver sand, and sealers and cleaners for stone and pavers.

MVIS™

Concrete Restoration and Care Systems CSI Divisions 3 & 9

A quality finished floor starts with a properly prepared surface—one that guarantees a long-lasting, durable installation. LATICRETE time-tested surface preparation products are formulated to preserve quality by protecting installations from water vapour transmission, sound transmission and cracks. They provide a perfectly level and flat substrate to accommodate a variety of floor finishes including vinyl, wood, carpet and tile.

Our innovative products are engineered to ensure substrates will easily accept finishes with minimal time and maximum cost-effectiveness, no matter how challenging your subflooring project may be.

DRYTEK®

STONETECH® Surface Care Products

STONETECH® Surface Care Products are reliable, high performing and, thoroughly tested giving today's savvy stone professionals a competitive edge. Now you can Protect, Clean and Transform your natural stone, tile and masonry — and ensure the quality of your work for years to come.

Resinous/Decorative Finishes CSI Divisions 3 & 9

Offer unparalleled integral colours, textures, and finishes with high-performance coatings, overlayments, and restoration solutions that give owners exceptionally attractive, durable, decorative floors. LATICRETE decorative finishes allow you to deliver vivid colour and gloss with high impact and wear resistance, quick turnaround, and low maintenance.

Concrete Construction Chemicals CSI Division 3

Improve the long-term durability, performance and appearance of concrete surfaces with our complete line of protection and repair solutions. Curing and sealing treatments, floor hardeners and densifiers, polished concrete systems and stain protection products work together to ensure your concrete floor is safe, resilient, and easy to maintain.

LATICRETE® SUPERCAP® System CSI Division 3

The LATICRETE® SUPERCAP® System is a time-saving, cost-effective method for finishing new concrete or capping existing slabs by combining a LEED-contributing, UL GREENGUARD Gold Certified, low-alkali, self-leveling, cement-based technology with a computer-controlled mobile blending unit (pump truck).

This proven lean tool provides benefits right from the start of concrete placement in division 3 and flows through to division 9. With the ability to blend 15 tons per hour and deliver material up to 50 stories high, this revolutionary system benefits the entire project by providing predictable results that save time, money, and improve overall quality.

Industry-Leading Training and Support

UL GREENGUARD Gold Certification

LATICRETE® low-VOC products are independently certified. Our products help you contribute toward LEED certification.

LEED Support

Our online project certification tool automatically generates required LATICRETE product information for your specific LEED project submittals. Additional LEED information and calculations are available at laticrete.ecoscorecard.com.

LATICRETE Architectural Guidebook

Use this informative online tool to get complete details for project specs and design. You can access it at: www.laticrete.com/ag

Training and Education

LATICRETE will hold continuing education seminars right from your office. You can also attend product and installation technology seminars at one of our training centres or a location of your choice.

The single source system approach for continuous immersed and wet area applications.

LATICRETE offers the latest technology in construction materials which deliver superior performance in wet area and continuously submersed applications. Designed to resist chemicals, shock treatment and pH imbalance of water, the LATICRETE system provides flexibility and high strength for these demanding, high performance applications.

6

SYSTEM COMPONENTS:

HYDRO BAN®

- Bonds directly to metal and a variety of plastic plumbing fixtures
- Anti-fracture protection of up to 3 mm over shrinkage and other non-structural cracks
- Extra Heavy Service rating per ASTM C627 performance levels
- Meets Australian Standards AS4858
- Class 3 Membrane as per AS4858, IAPMO and ICE approved

345 Platinum

- Suitable for interior and exterior applications
- Exceptional bond strength and easy workability
- Extended open time
- Suitable for immersed installations
- Exceeds the requirements of AS ISO 13007.1 as a C2TES2P2 adhesive

SPECTRALOCK® PRO Grout^

- Maximum performance epoxy grout
- Available in 40 colours
- Stainproof^^ and chemical resistant
- Easily installs on floors and walls; never needs sealing
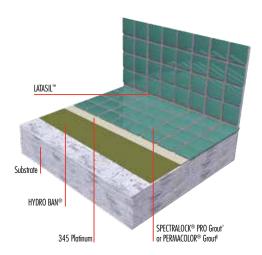- Use in interior and fully submerged applications

PERMACOLOR® Grout†

- High Performance cement based grout
- Inhibits the growth of stain-causing mould and mildew with antimicrobial protection
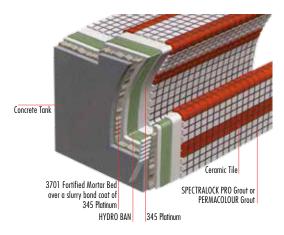- Meets and exceeds the requirements of AS4992.3 as a CG2FAW

LATASIL™

- 100% silicone sealant
- Available in 12 colours and clear
- Use in fully submerged or wet areas when used with LATASIL™ 9118 Primer
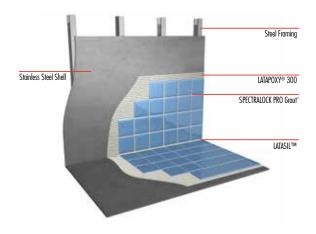- Meets ASTM C794 and C920

LATAPOXY® 300 Adhesive

- Superior bond strength
- Ideal for installing moisture sensitive marble and agglomerate tiles
- Non-staining on white and light-coloured marble
- Maximum chemical resistance
- Meets ANSI A118.3, EN 12004/R2T, and ISO 13007-1/R2T

^^StainProof (residential installation only) to common household cleaners, liquids and other goods. Clean all spills immediately.
^United States Patent No.: 6,881,768 (and other Patents). †United States Patent No.: 6,784,229 B2(and other Patents).

SYSTEM APPLICATIONS:

LATASIL™

Substrate

HYDRO BAN®

345 Platinum

SPECTRALOCK® PRO Grout^ or PERMACOLOR® Grout†

For the thin-set method of installation, 345 Platinum is recommended and designed for interior and exterior applications, submerged installations, and provides a superior bond to concrete / masonry surfaces.

Concrete Tank

3701 Fortified Mortar Bed over a slurry bond coat of 345 Platinum

HYDRO BAN

345 Platinum

Ceramic Tile

SPECTRALOCK PRO Grout or PERMACOLOUR Grout

For the thick bed method of installation, 3701 Fortified Mortar Bed is exceptionally strong and resistant to weather, frost, salt, thermal, and physical shock.

Steel Framing

Stainless Steel Shell

LATAPOXY® 300

SPECTRALOCK PRO Grout^

LATASIL™

SYSTEM WARRANTIES~
~See Data Sheet DS-1126

GREENGUARD

Surpasses industry recommendations for moisture vapour emissions.

The NXT™ Vapour Reduction System can be used for the installation of ceramic tile, stone, vinyl, or other flooring. NXT vapour reduction coating is a high performance, roller applied epoxy membrane specifically designed to reduce the vapour transmission from concrete slabs through to a finished floor surface.

*United States Patent No.: 6,881,768 (and other Patents). †United States Patent No.: 6,784,229 B2(and other Patents).
^^StainProof (residential installation only) to common household cleaners, liquids and other goods. Clean all spills immediately.

SYSTEM COMPONENTS:

NXT™ Vapour Reduction Coating

- Ideal for slab on grade construction
- Allows the installation of vinyl, wood, epoxy, tile, stone and other floor coverings
- Reduces moisture vapour emission rate from $678\mu g/m^2$ in 24 hours to below $170\mu g/m^2$ in 24 hours

NXT Level Plus

- High quality cement based underlayment
- Install from 3–32 mm in a single lift
- Apply directly over concrete with RH of 95% or less per ASTM F2170

3701 Fortified Mortar Bed

- Polymer fortified – no need for latex additives
- Economical – saves time and money
- High strength formula
- Exceeds ASTM C270 requirements

345 Platinum

- Suitable for interior and exterior applications
- Exceptional bond strength and easy workability
- Extended open time
- Suitable for submerged installations
- Exceeds the requirements of AS ISO 13007.1 as a C2TES2P2 adhesive
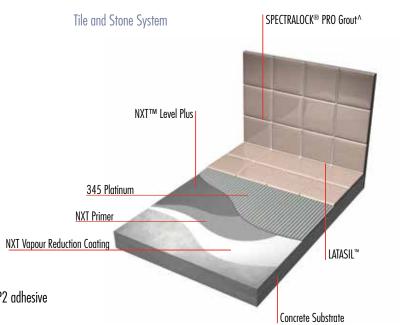
SPECTRALOCK® PRO Grout^

- Maximum performance epoxy grout
- Available in 40 colours
- Stainproof^^ and chemical resistant
- Easily installs on floors and walls; never needs sealing
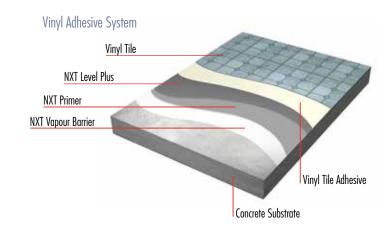- Use in interior and fully submerged applications

PERMACOLOR® Grout†

- High Performance cement based grout
- Inhibits the growth of stain-causing mould and mildew with antimicrobial protection
- Meets and exceeds the requirements of AS4992.3 as a CG2FAW

LATASIL™

- 100% silicone sealant
- Available in 12 colours and clear
- Use in fully submerged or wet areas when used with LATASIL™ 9118 Primer
- Meets ASTM C794 and C920

SYSTEM APPLICATIONS:

Tile and Stone System

SPECTRALOCK® PRO Grout^

NXT™ Level Plus

345 Platinum

NXT Primer

NXT Vapour Reduction Coating

LATASIL™

Concrete Substrate

Vinyl Adhesive System

Vinyl Tile

NXT Level Plus

NXT Primer

NXT Vapour Barrier

Vinyl Tile Adhesive

Concrete Substrate

SYSTEM WARRANTIES
˜ See Data Sheet DS-1126

GREENGUARD

The NeXT evolution of substrate preparation from LATICRETE.

Continuing in the tradition of leveraging our global strength, LATICRETE has again delivered a family of products that will revolutionise the flooring industry. NXT™ substrate preparation products have been formulated using state-of-the-art technology which provide world class performance for a variety of applications including self-leveling underlayments, patching and skim coating products.

SYSTEM COMPONENTS:

NXT™ Primer
- Water-based primer designed for use with NXT underlayments
- Deep penetrating formula maximises bond strength

NXT Level Plus
- High quality cement based underlayment
- Install from 3–32 mm in a single lift
- Apply directly over concrete with RH of 95% or less per ASTM F2170

HYDRO BAN®
- Bonds directly to metal and a variety of plastic plumbing fixtures
- Anti-fracture protection of up to 3 mm over shrinkage and other non-structural cracks
- Extra Heavy Service rating per ASTM C627 performance levels
- Meets Australian Standards AS4858
- Class 3 Membrane as per AS4858, IAPMO and ICE approved

345 Platinum
- Suitable for interior and exterior applications
- Exceptional bond strength and easy workability
- Extended open time
- Suitable for submerged installations
- Exceeds the requirements of AS ISO 13007.1 as a C2TES2P2 adhesive

SPECTRALOCK® PRO Grout^
- Maximum performance epoxy grout
- Available in 40 colours
- Stainproof^^ and chemical resistant
- Easily installs on floors and walls; never needs sealing
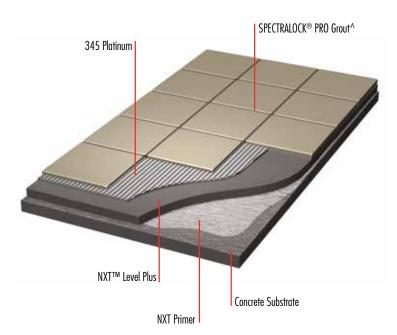- Use in interior and fully submerged applications
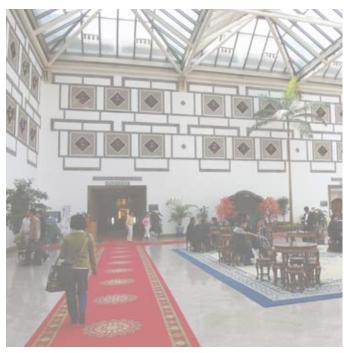
PERMACOLOR® Grout†
- High Performance cement based grout
- Inhibits the growth of stain-causing mould and mildew with antimicrobial protection
- Meets and exceeds the requirements of AS4992.3 as a CG2FAW

LATAPOXY® Moisture Shield
- Reduce the amount of moisture emission from concrete
- Use over damp/dry concrete
- Easy to use, rolls on like paint
- Cures in 24 hours

SYSTEM APPLICATIONS:

345 Platinum
SPECTRALOCK® PRO Grout^
NXT™ Level Plus
Concrete Substrate
NXT Primer

SYSTEM WARRANTIES^
See Data Sheet DS-1126

GREENGUARD

A complete shower installation system from the substrate up!

HYDRO BAN® Drains, Pre-Sloped

Pans, Preformed Seats and Preformed Niches, are designed for

use with LATICRETE installation materials to create the ultimate

shower installation system.

HYDRO BAN bonds directly to the HYDRO BAN Linear Drains and to the HYDRO BAN Bonding

Flange Drain assembly allowing for a faster, easier and completely

waterproof installation.

SYSTEM COMPONENTS:

HYDRO BAN®

- Bonds directly to metal and a variety of plastic plumbing fixtures
- Anti-fracture protection of up to 3 mm over shrinkage and other non-structural cracks
- Extra Heavy Service rating per ASTM C627 performance levels
- Meets Australian Standards AS4858
- Class 3 Membrane as per AS4858, IAPMO and ICE approved

HYDRO BAN Sheet Membrane

- ANSI A118.10 - Exceeds all requirements
- ASTM E96/E96M Procedure E-0.06 Perms - approved for steam showers/rooms as single membrane
- IAPMO approved
- Pliable — conforms easily to substrate
- Complete line of accessories — single source supply

HYDRO BAN Pre-Sloped Shower Pans

- Available in standard and custom sizes
- Perfect pitch to the drain for proper water flow
- Made of lightweight high-density expanded polystyrene
- Available in linear (shown) or standard drain configurations
- Use in new construction or remodels
- Waterproof and ready to tile
- Code approved — IAPMO PS-46

HYDRO BAN Pre-Formed Benches, Seats, Niches and Shelves

- Lightweight high-density expanded polystyrene
- Easy to install with LATICRETE premium setting materials
- Waterproof and ready to tile

HYDRO BAN Linear Drain

- Low profile design is ideal for large format tile and stone
- Allows for placement along walls and intermediate locations
- Adjustable grate height allows for range of tile or stone thicknesses
- Available in standard and custom lengths
- Code approved per ASME A112.18-2-2005/ CSA B125.2.05

HYDRO BAN Bonding Flange Drain

- Suitable for tile thickness of 6 mm – 38 mm
- Compatible with 3701 Mortar Bed and HYDRO BAN providing a complete waterproof assembly
- Available in four drain options; tile-in grate, brushed, polished, or oil rubbed bronze stainless steel grate

LATASIL™

- 100% silicone sealant
- Available in 12 colours and clear
- Use in fully submerged or wet areas when used with LATASIL™ 9118 Primer
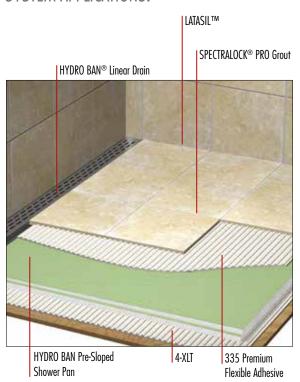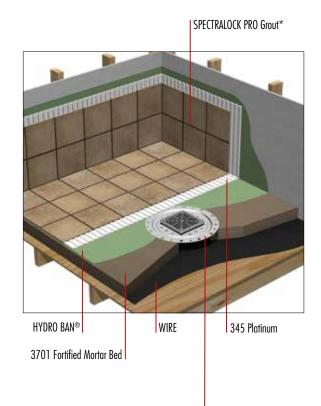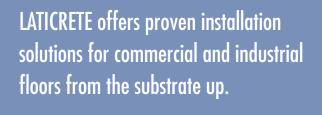- Meets ASTM C794 and C920

SYSTEM APPLICATIONS:

LATASIL™

SPECTRALOCK® PRO Grout

HYDRO BAN® Linear Drain

SPECTRALOCK PRO Grout*

HYDRO BAN Pre-Sloped Shower Pan

4-XLT

335 Premium Flexible Adhesive

HYDRO BAN®

WIRE

345 Platinum

3701 Fortified Mortar Bed

CHOOSE FROM 2 LINEAR DRAIN STYLES

Tile-In Drain

Polished Stainless Steel Drain

HYDRO BAN BONDED FLANGE DRAIN Detail

304 stainless steel drain

Heavy duty PVC or ABS construction

Adjustable drain height and lateral movement

Ties into 50 mm 76 mm and 102 mm waste lines – no adaptor needed

LATICRETE offers proven installation solutions for commercial and industrial floors from the substrate up.

LATICRETE Commercial and Industrial Flooring Systems have been specified for over 50 years around the globe in facilities such as malls, restaurants and airports, as well as dairies, breweries, and other high demand/high traffic applications.

SYSTEM COMPONENTS:

HYDRO BAN®

- Bonds directly to metal and a variety of plastic plumbing fixtures
- Anti-fracture protection of up to 3 mm over shrinkage and other non-structural cracks
- Extra Heavy Service rating per ASTM C627 performance levels
- Meets Australian Standards AS4858
- Class 3 Membrane as per AS4858, IAPMO and ICE approved

125 Sound & Crack Adhesive (Light Commercial only)

- Crack isolation, sound control and adhesive in one
- Provides a Delta IIC of 19 for sound control
- Contains over 30% post consumer recycled materials
- Meets Australian Standards AS ISO 140.6—2006, AS ISO 140.8—2006 & AS ISO 717.2—2004
- Meets EN 12004/C1ES2 and ISO 13007-1 C1ES2

LATAPOXY® 300 Adhesive

- Superior bond strength
- Ideal for installing moisture sensitive marble and agglomerate tiles
- Non-staining on white and light-coloured marble
- Maximum chemical resistance
- Meets Australian Standards, ANSI A118.3, EN 12004/R2T, and ISO 13007-1/R2T

SPECTRALOCK® PRO Grout^

- Available in 40 colours
- Stainproof^^ and chemical resistant
- Easily installs on floors and walls; never needs sealing
- Use in interior and fully submerged applications

SPECTRALOCK 2000 IG

- Recommended for industrial application and commercial kitchens
- Maximum performance grout
- Available in 39 colours
- Easy to install and clean
- Chemical resistant
- Exceeds ANSI A118.3 and A118.5 requirements
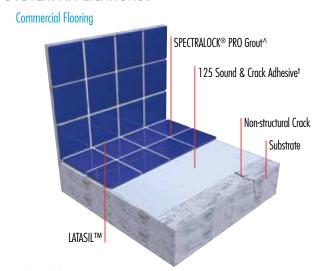- Meets ISO 13007-3/R2

^^StainProof (residential installation only) to common household cleaners, liquids and other goods. Clean all spills immediately.

^United States Patent No.: 6,881,768 (and other Patents).
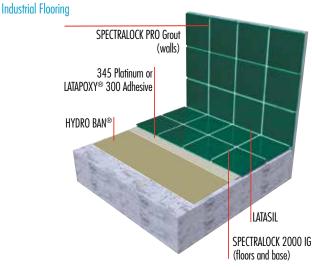†United States Patent No.: 6,784,229 B2(and other Patents).

345 Platinum

- Suitable for interior and exterior applications
- Exceptional bond strength and easy workability
- Extended open time
- Suitable for submerged installations
- Exceeds the requirements of AS ISO 13007.1 as a C2TES2P2 adhesive

LATASIL™

- 100% silicone sealant
- Available in 12 colours and clear
- Use in fully submerged or wet areas when used with LATASIL™ 9118 Primer
- Meets ASTM C794 and C920

SYSTEM APPLICATIONS:

Commercial Flooring

SPECTRALOCK® PRO Grout^
125 Sound & Crack Adhesive†
Non-structural Crack
Substrate
LATASIL™

Industrial Flooring

SPECTRALOCK PRO Grout (walls)
345 Platinum or LATAPOXY® 300 Adhesive
HYDRO BAN®
LATASIL
SPECTRALOCK 2000 IG (floors and base)

SYSTEM WARRANTIES
See Data Sheet DS-1126

GREENGUARD

LATICRETE offers an industry leading sound protection solution backed by a 25 Year System Warranty and can help contribute to LEED points.

The LATICRETE Sound Protection System is the first choice of contractors and architects alike. A stand-alone sound control underlayment, Sound & Crack Isolation Mat obtains a Delta ΔLw (dB) reduction of 16 and a Ln,w + Ci rating of 61 as tested per AS ISO 717.2-2004, ISO 140-8-1997 (E) & ISO 140-8. For critical turn around times, 125 Sound & Crack Adhesive allows for maximum productivity as it provides sound control performance and anti-fracture performance while serving as the tile adhesive! No waiting or multiple steps are needed.

* Contact your local LATICRETE representative for more information. ^^StainProof (residential installation only) to common household cleaners, liquids and other goods. Clean all spills immediately.
^ United States Patent No.: 6,881,768 (and other Patents). †United States Patent No.: 6,784,229 B2(and other Patents). See product data sheets for more information.

SYSTEM COMPONENTS:

Sound & Crack Isolation Mat

- Provides a Delta IIC of 20 for sound control
- Contains 89% post consumer recycled materials
- Available in additional thicknesses*
- Anti-fracture performance up to 3 mm
- Meets ANSI A118.12 and A118.13

125 Sound & Crack Adhesive

- Crack isolation, sound control and adhesive in one
- Provides a Delta IIC of 19 for sound control
- Contains over 30% post consumer recycled materials
- Meets Australian Standards AS ISO 140.6–2006, AS ISO 140.8–2006 & AS ISO 717.2–2004
- Meets EN 12004/C1ES2 and ISO 13007-1 C1ES2

345 Platinum

- Suitable for interior and exterior applications
- Exceptional bond strength and easy workability
- Extended open time
- Suitable for submerged installations
- Exceeds the requirements of AS ISO 13007.1 as a C2TES2P2 adhesive
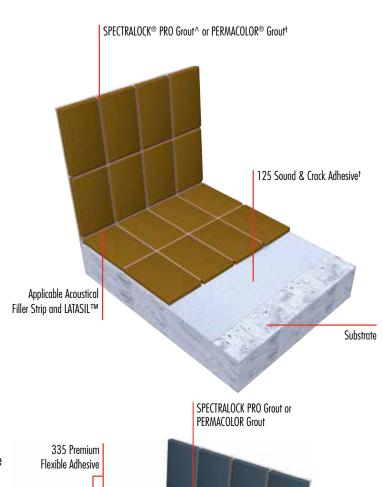
SPECTRALOCK® PRO Grout^

- Maximum performance epoxy grout
- Available in 40 colours
- Stainproof^^ and chemical resistant
- Easily installs on floors and walls; never needs sealing
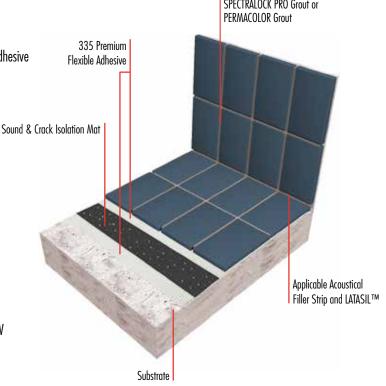- Use in interior and fully submerged applications

PERMACOLOR® Grout†

- High Performance cement based grout
- Inhibits the growth of stain-causing mould and mildew with antimicrobial protection
- Meets and exceeds the requirements of AS4992.3 as a CG2FAW

LATASIL™

- 100% silicone sealant
- Available in 12 colours and clear
- Use in fully submerged or wet areas when used with LATASIL™ 9118 Primer
- Meets ASTM C794 and C920

SYSTEM APPLICATIONS:

SPECTRALOCK® PRO Grout^ or PERMACOLOR® Grout†

125 Sound & Crack Adhesive†

Applicable Acoustical Filler Strip and LATASIL™

Substrate

SPECTRALOCK PRO Grout or PERMACOLOR Grout

335 Premium Flexible Adhesive

Sound & Crack Isolation Mat

Applicable Acoustical Filler Strip and LATASIL™

Substrate

SYSTEM WARRANTIES
¨See Data Sheet DS-1126

GREENGUARD

STRATA_MAT™ is part of the LATICRETE Lifetime System Warranty – providing one source, one warranty from the substrate to the grout.

STRATA_MAT™ is a high performance uncoupling mat for use under ceramic tile and stone installations, for both residential and commercial applications. Specifically designed for use with either polymer modified or unmodified adhesives, STRATA_MAT allows for the proper adhesive to be used with the appropriate tile or stone per industry standards.

SYSTEM COMPONENTS:

STRATA_MAT™

- For use under ceramic tile and stone installations, for both residential and commercial applications
- Designed to replace traditional underlayment materials; unique patent pending design provides for an enhanced mechanical bond of the adhesive and provides for faster drying of the adhesive
- Specifically designed for use with both modified and unmodified adhesives
- Provides vapour management
- Eliminates transmission of in plane substrate cracks of up to 3 mm
- Meets ANSI A118.12
- Rated Extra Heavy per TCNA as tested using ASTM C627
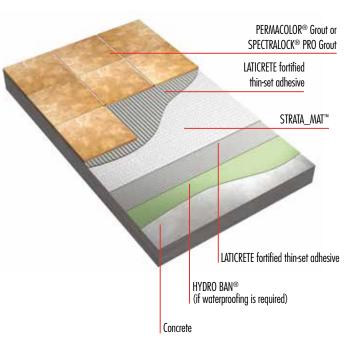
345 Platinum

- Suitable for interior and exterior applications
- Exceptional bond strength and easy workability
- Extended open time
- Suitable for submerged installations
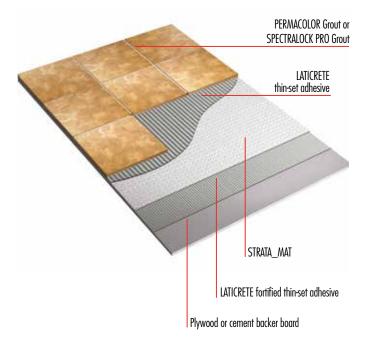- Exceeds the requirements of AS ISO 13007.1 as a C2TES2P2 adhesive

SPECTRALOCK® PRO Grout^

- Maximum performance epoxy grout
- Available in 40 colours
- Stainproof^^ and chemical resistant
- Easily installs on floors and walls; never needs sealing
- Use in interior and fully submerged applications

PERMACOLOR® Grout†

- High Performance cement based grout
- Inhibits the growth of stain-causing mould and mildew with antimicrobial protection
- Meets and exceeds the requirements of AS4992.3 as a CG2FAW

SYSTEM APPLICATIONS:

PERMACOLOR® Grout or SPECTRALOCK® PRO Grout

LATICRETE fortified thin-set adhesive

STRATA_MAT™

LATICRETE fortified thin-set adhesive

HYDRO BAN®
(if waterproofing is required)

Concrete

PERMACOLOR Grout or SPECTRALOCK PRO Grout

LATICRETE thin-set adhesive

STRATA_MAT

LATICRETE fortified thin-set adhesive

Plywood or cement backer board

SYSTEM WARRANTIES
~ See Data Sheet DS-1126

GREENGUARD
GOLD

LATICRETE offers a proven installation solution for plaza and deck system terraces, patios, courtyards and decks.

The LATICRETE Plaza and Deck System is designed for exterior use over occupied space and wood construction decks. The patented, lightweight Tile Drain Mat provides three times the drainage rate of a conventional crushed gravel bed and is engineered to permit maximum load transfer to the structural deck while allowing lateral flow of infiltrated water. This unique system is recommended for new construction and renovation such as plazas, walkways, exposed decks, balconies, terraces, courtyards, and any exterior paving area subject to severe weather, frost and moisture.

SYSTEM COMPONENTS:

Tile Drain Mat
- Provides 3x the drainage rate of a conventional 50 mm crushed gravel bed
- Provides integral subsurface drainage for infiltrated water and reduces the potential for efflorescence
- Extra heavy rating for system per ASTM C627

3701 Fortified Mortar Bed
- Polymer fortified — no need for latex additives
- Economical — saves time and money
- High strength formula
- Exceeds ASTM C270 requirements

HYDRO BAN®
- Bonds directly to metal and a variety of plastic plumbing fixtures
- Anti-fracture protection of up to 3 mm over shrinkage and other non-structural cracks
- Extra Heavy Service rating per ASTM C627 performance levels
- Meets Australian Standards AS4858
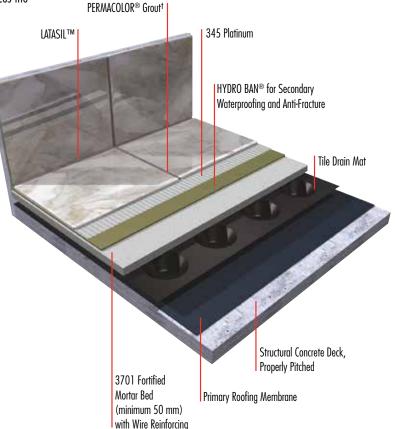- Class 3 Membrane as per AS4858, IAPMO and ICE approved

345 Platinum
- Suitable for interior and exterior applications
- Exceptional bond strength and easy workability
- Extended open time
- Suitable for submerged installations
- Exceeds the requirements of AS ISO 13007.1 as a C2TES2P2 adhesive

PERMACOLOR® Grout†
- High Performance cement based grout
- Inhibits the growth of stain-causing mould and mildew with antimicrobial protection
- Meets and exceeds the requirements of AS4992.3 as a CG2FAW

LATASIL™
- 100% silicone sealant
- Available in 12 colours and clear
- Use in fully submerged or wet areas when used with LATASIL™ 9118 Primer
- Meets ASTM C794 and C920

SYSTEM APPLICATION:

PERMACOLOR® Grout†

LATASIL™

345 Platinum

HYDRO BAN® for Secondary Waterproofing and Anti-Fracture

Tile Drain Mat

Structural Concrete Deck, Properly Pitched

Primary Roofing Membrane

3701 Fortified Mortar Bed (minimum 50 mm) with Wire Reinforcing

SYSTEM WARRANTIES
See Data Sheet DS-1126

GREENGUARD

†United States Patent No.: 6,784,229 B2 (and other Patents).

Vertical installations of ceramic tile or stone require expertise, high performance products and a proven track record of success.

Our Exterior Façade System is the benchmark of the industry. For those interior or exterior applications requiring maximum installation speed and strength, LATAPOXY® 310 Stone Adhesive is a high strength epoxy adhesive that is extremely productive and fast to install and is building code approved with extensive global installations. 4237 Latex Additive / 211 Crete Filler Powder, 345 Platinum and our non-sag 4-XLT Thin and Medium Bed Adhesive are ideal for exterior façades of tile and stone ranging from mosaics to large thin ceramic panels. From granite to marble to sandstone.

SYSTEM COMPONENTS:

HYDRO BAN®

- Bonds directly to metal and a variety of plastic plumbing fixtures
- Anti-fracture protection of up to 3 mm over shrinkage and other non-structural cracks
- Extra Heavy Service rating per ASTM C627 performance levels
- Meets Australian Standards AS4858
- Class 3 Membrane as per AS4858, IAPMO and ICE approved

345 Platinum

- Suitable for interior and exterior applications
- Exceptional bond strength and easy workability
- Extended open time
- Suitable for submerged installations
- Exceeds the requirements of AS ISO 13007.1 as a C2TES2P2 adhesive

4-XLT

- Thin and medium bed applications
- Locks in dust during mixing for less mess
- Incredible non-sag performance, up to 19 mm thick beds
- Utilises Water Dispersion Technology allowing for different adhesive consistencies
- Meets and exceeds AS4992.1 as a C1TS1 Adhesive

LATAPOXY® 310 Stone Adhesive

- Fast permanent bond
- Withstands shock and vibration
- Approved for exterior installations by building codes: ICC, IBC
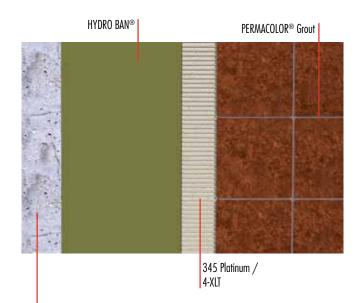- Meets ISO AS13007.1 & 2

PERMACOLOR® Grout†

- High Performance cement based grout
- Inhibits the growth of stain-causing mould and mildew with antimicrobial protection
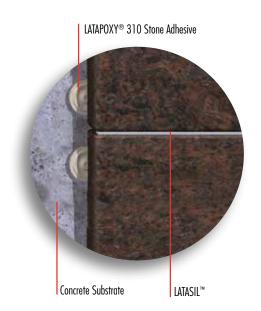- Meets and exceeds the requirements of AS4992.3 as a CG2FAW

LATASIL™

- 100% silicone sealant
- Available in 12 colours and clear
- Use in fully submerged or wet areas when used with LATASIL™ 9118 Primer
- Meets ASTM C794 and C920

4237 Latex Additive / 211 Crete Filler Powder

- High strength latex / PC thin and medium bed adhesive
- Flexible and shock resistant; rated for extra heavy traffic conditions
- Weather and frost resistant for interior and exterior use in all types of climates
- Superior bond strength – 250% greater than ANSI A118.4
- Meets and exceeds AS4992.1 as a C2S1

HYDRO BAN®   PERMACOLOR® Grout

345 Platinum / 4-XLT

Properly Prepared Concrete, Backer Board or Masonry Substrates (if substrate requires leveling, use 3701 Fortified Mortar Bed)

LATAPOXY® 310 Stone Adhesive

Concrete Substrate   LATASIL™

SYSTEM WARRANTIES
See Data Sheet DS-1126

GREENGUARD GOLD

LATICRETE provides the solution for adhered masonry veneers by offering a comprehensive quality controlled installation system.

The increase in popularity of adhered masonry veneer facades has left the industry absent of suitable installation materials and detailed specifications — LATICRETE has the answer! Utilising proven materials, the Masonry Veneer Installation System (MVIS™) proven technology will provide a permanent, high strength installation that is freeze/thaw stable and helps protect from water intrusion.

SYSTEM COMPONENTS:

HYDRO BAN®

- Bonds directly to metal and a variety of plastic plumbing fixtures
- Anti-fracture protection of up to 3 mm over shrinkage and other non-structural cracks
- Extra Heavy Service rating per ASTM C627 performance levels
- Meets Australian Standards AS4858
- Class 3 Membrane as per AS4858, IAPMO and ICE approved

Hi-Bond Masonry Veneer Mortar

- Polymer-fortified adhesive mortar
- For interior and exterior installation of adhered masonry veneer, natural stone, and thin brick
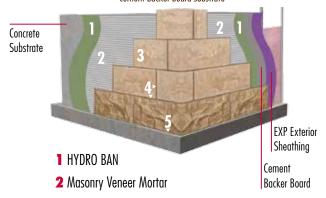- Excellent bond strength, reinforced with Kevlar

Premium Masonry Pointing Mortar

- Ideal for floors and walls (joint widths 6 mm —12 mm)
- Provides a joint that is dense, hard and durable
- Available in 9 colours

LATASIL™

- 100% silicone sealant for use in coves, corners, changes in plane and expansion joints in exterior and interior applications
- Use in fountains, water features and other wet area applications
- Meets ASTM C920 and C794
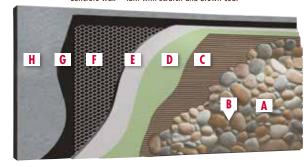- Available in 12 colours and clear

SYSTEM APPLICATIONS:

Exterior wall
Framed wall with exterior rated sheathing — cement backer board substrate

Concrete Substrate

EXP Exterior Sheathing

Cement Backer Board

1 HYDRO BAN
2 Masonry Veneer Mortar
3 Adhered Masonry Veneer
4 Premium Pointing Mortar
5 Silicone Sealant

Exterior wall
Concrete wall — lath with scratch and brown coat

A Adhered Masonry Veneer
B Premium Masonry Pointing Mortar
C Masonry Veneer Mortar
D HYDRO BAN
E Premium Mortar Bed
F Metal Lath, 3.4# galvanized diamond wire lath
G Vapour retarder/cleavage membrane type and location per design professional (e.g. 4 mil polyethylene sheeting)
H Concrete or masonry

SYSTEM WARRANTIES
See Data Sheet DS-1126

GREENGUARD
GOLD

www.laticrete.com.au ▪ Globally Proven Construction Solutions

No longer just a joint filler. Breakthrough technology has allowed LATICRETE to develop a grout that has all the performance capabilities you require with the design freedom to augment the most spectacular creations.

LATICRETE offers innovative, technologically-advanced grout for all types of installations when frost, intense heat, thermal shock, chemical or stain resistance performance is required. Your options are globally proven components of the LATICRETE® System Warranty*, the strongest warranty in the industry. LATICRETE grouts outperform the competition in durability, stain resistance, ease of use, and colour options.

SPECTRALOCK® PRO Grout^

SPECTRALOCK® PRO Grout^ is a patented, high performance epoxy grout that offers colour uniformity, durability and stain resistance with extraordinary ease of use. An optional SPECTRALOCK DAZZLE™ component makes ordinary grout colours metallic, pearlescent and glow-in-the-dark.

- Maximum performance epoxy grout
- Available in 40 colours
- Stainproof^^ and chemical resistant
- Easily installs on floors and walls; never needs sealing
- Use in interior and fully submerged applications
- Exceeds ANSI A118.3

SPECTRALOCK 2000 IG

When maximum chemical, stain, and high temperature resistance is required, **SPECTRALOCK 2000 IG** is recommended. SPECTRALOCK 2000 IG is a 100% solids epoxy grout, unaffected by most acids, corrosives, and solvents, SPECTRALOCK 2000 IG is ready for traffic in as little as 12 hours and can be used on floors in meat and poultry plants, dairies, breweries, clean-in-place rooms, animal clinics, and commercial kitchens.

- Recommended for industrial application and commercial kitchens
- Maximum performance grout
- Available in 39 colours
- Easy to install and clean
- Chemical resistant
- Exceeds ANSI A118.3 and A118.5 requirements
- Meets ISO 13007-3/R2

PERMACOLOR® Grout

PERMACOLOR® Grout offers the maximum performance available in a cement-based grout, providing consistent colour and antimicrobial protection to resist stain-causing mould and mildew. PERMACOLOR Grout is easy to install — just mix with water. PERMACOLOR Grout is ideal for floors and walls in both interior and exterior installations. When you must use a cement-based grout, choose PERMACOLOR Grout.

- Consistent colour
- Mixes with water only
- Ideal for floors and walls (joint widths of 1.5 mm to 12 mm)
- Inhibits mould and mildew with antimicrobial protection
- Improved stain resistance for a cement based grout
- Interior and exterior applications
- Residential and commercial

^^StainProof (residential installation only) to common household cleaners, liquids and other goods. Clean all spills immediately.
^United States Patent No.: 6,881,768 (and other Patents).

LATICRETE® Grouts & Sealant

This chart shows available colours for the following products:
SPECTRALOCK® PRO Grout^
PERMACOLOR® Select*
PERMACOLOR Grout
Sanded Grout
Smooth Grout
SPECTRALOCK 2000 IG
LATASIL™ Sealant

GROUT AND SEALANT SELECTION KEY

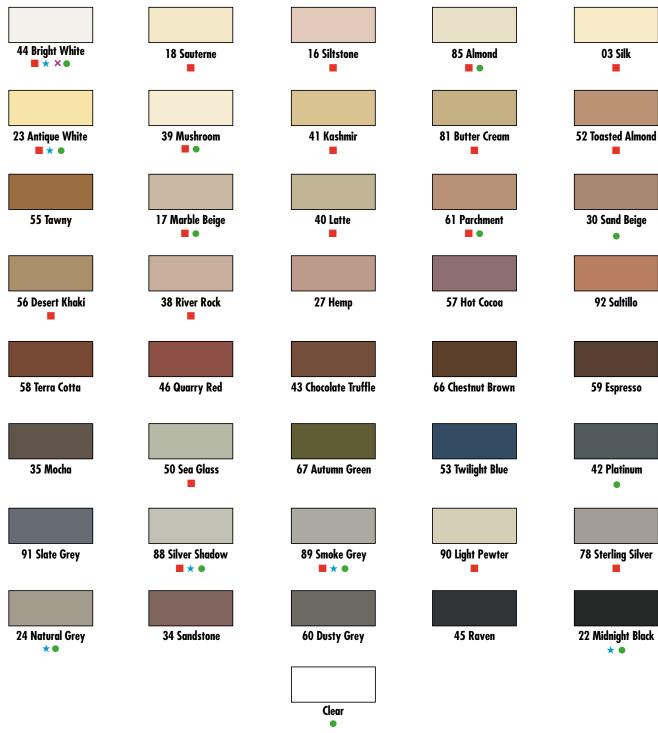**Available in All 40 Colours:**
SPECTRALOCK PRO Grout†
PERMACOLOR Select*
PERMACOLOR Grout

Available in Selected Colours:
■ SPECTRALOCK DAZZLE Glow
★ Sanded Grout and Smooth Grout
✕ SPECTRALOCK 2000 IG is not available in Bright White
● LATASIL Sealant

SPECTRALOCK PRO Grout, PERMACOLOR Select and PERMACOLOR Grout are available in all 40 colours. Use Grout Selection Key for all other products. SPECTRALOCK DAZZLE (Gold, Silver, Copper and Mother-of-Pearl) can be mixed with all 40 colours of SPECTRALOCK PRO Grout.

44 Bright White ■ ★ ✕ ●	18 Sauterne ■	16 Siltstone ■	85 Almond ■ ●	03 Silk ■
23 Antique White ■ ★ ●	39 Mushroom ■ ●	41 Kashmir ■	81 Butter Cream ■	52 Toasted Almond ■
55 Tawny	17 Marble Beige ■ ●	40 Latte ■	61 Parchment ■ ●	30 Sand Beige ●
56 Desert Khaki ■	38 River Rock ■	27 Hemp	57 Hot Cocoa	92 Saltillo
58 Terra Cotta	46 Quarry Red	43 Chocolate Truffle	66 Chestnut Brown	59 Espresso
35 Mocha	50 Sea Glass ■	67 Autumn Green	53 Twilight Blue	42 Platinum ●
91 Slate Grey	88 Silver Shadow ■ ★ ●	89 Smoke Grey ■ ★ ●	90 Light Pewter ■	78 Sterling Silver ■
24 Natural Grey ★ ●	34 Sandstone	60 Dusty Grey	45 Raven	22 Midnight Black ★ ●
		Clear ●		

† United States Patent No.: 6881768 (and other Patents).

With over 50 years of worldwide experience, LATICRETE is the recognised leader in product quality and installation expertise. Our highly trained and experienced technical support personnel stand ready to assist you with project specifications, details, LEED compliance information, and to address any installation questions for your project.

UL GREENGUARD Gold Certification
Breathe Easier – And Safer

LATICRETE was the first manufacturer of tile and stone installation systems to incorporate antimicrobial performance in its products and offer UL GREENGUARD Gold certification. LATICRETE offers a complete line of certified low VOC installation materials, all of which have been independently tested and certified by UL Environmental. Many companies might say their products are low VOC, only one independently certifies it – LATICRETE.

- LATICRETE provides third party UL GREENGUARD Gold certification, required to meet stringent indoor air quality standards
- UL GREENGUARD Gold certified for use in all school projects
- Helps contribute toward LEED certification
- Product certifications readily available

LATICRETE Architectural Guidebook
Project Specification Assistance

- Complete specifications generated easily and quickly online
- Details for project specification and design

To use this tool, simply visit www.laticrete.com/ag today.

LATICRETE offers BIM-Compliant, Revit format details that are used in conjunction with our library of standard CAD details. You can now generate specifications even faster, and with greater clarity and ease. Our integrated 2D and 3D model-based details allow you to quickly and easily reference, manipulate, and visualise detail components electronically. BIM compliant details are available at www.laticrete.com/green or by contacting LATICRETE Technical Services at 1800 331 012.

Training and Education

- AIA HSW Continuing Education Seminars: Choose from numerous 1 hour AIA CEU presentations available in a Lunch & Learn format right in your office.
- Profit Through Knowledge Seminars: Product and Installation Technology training seminars hosted periodically at the LATICRETE Training Centres around the world.
- On-Site Contractor Training Sessions: Product specific training available right on site hosted by local LATICRETE representatives – available when and where you want it.

LATICRETE LEED Project Certification Assistant

Specifying tile and stone installation materials for projects seeking LEED certification is now faster and easier than ever before. The LATICRETE LEED Project Certification Assistant is an online tool which automatically generates all of the information required for LATICRETE products on a specific LEED project, eliminating manual collection of data.

- Quickly produces an Adobe Acrobat file for each LATICRETE product selected stating its VOC content, recycled content, manufacturing location, raw material sources, UL GREENGUARD Gold Certification (if available), technical data sheets, and a map showing the location of your project with a 800 kilometre radius circle depicting its relation to LATICRETE manufacturing facilities
- Eliminates the challenge of obtaining and quantifying the necessary data for LEED-compliant installation materials
- Detailed, accurate information in just a few moments

To use this tool, simply visit www.laticrete.com/green today.

**Globally Proven
Construction Solutions**

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