Proven Installation Systems for Tile and Stone Applications

Globally Proven Construction Solutions

Vapor Reduction  Underlayments  Crack Suppression  Shower System  Waterproofing

Sound Control  Floor Warming  Adhesives  Mortars  Grouts  Caulk

Worldwide Availability ▪ Industry Standard ▪ Code Approved

25 Year System Warranty ▪ On Site Technical Assistance

Al Hamra Tower, Kuwait City, Kuwait
North Carolina Museum of Natural Sciences, Raleigh, NC
Harvard Law School, Cambridge, MA
Marina Bay Sands Singapore® Infinity Edge Pool at the Sands® SkyPark, Singapore, Southeast Asia
The Beijing National Aquatics Centre, Beijing, China

Snap for more information.
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LATICRETE offers a comprehensive 100% labor and materials warranty for tile and stone installations, underwritten by a 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
- Customizable 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.

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**USE**
- I = Interior
- E = Exterior
- 5 = Gypsum Board/Plaster (Interior Only)
- 6 = Exterior Gypsum Board (Interior Only)
- 7 = Vinyl, Plastics, Laminates (Interior Only)
- 8 = Steel
- 9 = Gypsum Board/Plaster (Exterior Only)
- N/A = Not Applicable

**SUBSTRATES**
1 = Concrete/Mortar Bed
2 = Masonry
3 = Gypsum Board/Plaster
4 = Existing Ceramic, Stone, Cement Terrazzo

- * Interior use only
- ** Exterior applications with LATAPoxy™ 310 Stone Adhesive and LATAPoxy 300 Adhesive must be approved by LATICRETE Technical Service prior to installation.
- * Interior use only; 2 layers each 5/8" (15 mm) minimum and mechanically fastened 3.4# diamond metal lath.
- ** See data Sheet 025.0
- † Interior use only
- †† Consumption must be 152mm thick, 28 days old, have a compressive strength of 3,500 psi (24 MPa), and be free of curing compounds, sealers, form release agents, or other potential bond breakers.
- ˚˚ Interior use only
- † Double width 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

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.

Masonry Installation and Care Systems

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.

Concrete Restoration and Care Systems

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 vapor 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.

www.laticrete.com  •  Globally Proven Construction Solutions
Resinous/Decorative Finishes
Offer unparalleled integral colors, textures, and finishes with high-performance coatings, overlays, and restoration solutions that give owners exceptionally attractive, durable, decorative floors. LATICRETE decorative finishes allow you to deliver vivid color and gloss with high impact and wear resistance, quick turnaround, and low maintenance.

CSI Divisions 3 & 9

Concrete Construction Chemicals
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.

CSI Division 3

LATICRETE® SUPERCAP® System
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 30,000 pounds 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.

CSI Division 3

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 centers or a location of your choice.
LATICRETE offers the latest technology in construction materials which deliver superior performance in wet area and continuous submersion 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.
SYSTEM COMPONENTS:

HYDRO BAN®
- Bonds directly to metal and a variety of plastic plumbing fixtures
- Anti-fracture protection of up to 1/8” (3 mm) over shrinkage and other non-structural cracks
- Extra Heavy Service rating per ASTM C627 performance levels
- Meets ANSI A118.10 and ANSI A118.12 standards
- IAPMO and ICE approved

3701 Fortified Mortar Bed
- Bonds directly to metal and a variety of plastic plumbing fixtures
- Anti-fracture protection up to 1/8” (3 mm) over shrinkage and other non-structural cracks
- Extra Heavy Service rating per ASTM C627
- Meets ANSI A118.10 and ANSI A118.12 standards
- IAPMO and ICE approved

254 Platinum
- Suitable for interior and exterior applications.
- Exceptional bond strength and easy workability
- Equipped with anti-microbial protection
- Exceeds ANSI A118.15, ANSI A118.4, and ANSI A118.11
- Meets EN 12004/C2TES1 and ISO 13007-1/C2TES1P1

SPECTRALOCK® PRO Premium Grout™
- Maximum performance epoxy grout
- Available in 40 colors
- Stainproof™ and chemical resistant
- Easily installs on floors and walls; never needs sealing
- Use in interior and fully submerged applications
- Exceeds ANSI A118.3

PERMACOLOR® Select
- No sealing required — equipped with STONETECH® Sealer Technology
- Virtually eliminates batch-to-batch color variation
- Fast setting — ready for foot traffic in 3 hours

LATASIL™
- 100% silicone sealant
- Available in 25 colors and clear
- Use in fully submerged or wet areas when used with LATASIL™ 9118 Primer
- Meets ASTM C794 and C920

SYSTEM APPLICATIONS:

LATAPOXY® 300 Adhesive
- Superior bond strength
- Ideal for installing moisture sensitive marble and agglomerate tiles
- Non-staining on white and light-colored marble
- Maximum chemical resistance
- Meets ANSI A118.3, EN 12004/R2T, and ISO 13007-1/R2T

For the thin-set method of installation, 254 Platinum is recommended, designed for interior and exterior applications, submerged installations, and provides a superior bond to concrete and masonry surfaces.

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

**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).

The NXT™ Vapor Reduction System can be used for the installation of ceramic tile, stone, vinyl, or other flooring. NXT is a high performance, roller applied epoxy membrane specifically designed to reduce the moisture vapor emission rate (MVER) from concrete slabs.
SYSTEM COMPONENTS:

**NXT™ Vapor Reduction Coating**
- Used over concrete substrates to reduces vapor emission to below 3 lbs/1000 ft²/24hr (170 µg/(s • m)
- Ideal for slab-on-grade construction and elevated slabs
- Allows the installation of vinyl, wood, epoxy, tile, stone and other floor coverings

**NXT Primer**
- Penetrates deeply into substrates and maximizes bond strength
- NXT Primer is multi-purpose and can be used on a wide range of substrates
- May be broom, roller, or spray applied

**NXT Level Plus**
- High quality cement based self leveling underlayment
- Install from 1/8” — 1 ¼" (3–32mm) in a single lift
- Apply directly over concrete with RH of 95% or less per ASTM F2170

**254 Platinum**
- Suitable for interior and exterior applications.
- Exceptional bond strength and easy workability
- Equipped with anti-microbial protection
- Exceeds ANSI A118.15, ANSI A118.4, and ANSI A118.11
- Meets EN 12004/C2TES1 and ISO 13007-1/C2TES1P1

**SPECTRALOCK® PRO Premium Grout**
- Maximum performance epoxy grout
- Available in 40 colors
- Stainproof and chemical resistant
- Easily installs on floors and walls; never needs sealing
- Use in interior and fully submerged applications
- Exceeds ANSI A118.3

**PERMACOLOR® Select**
- No sealing required — equipped with STONETECH® Technology
- Virtually eliminates batch-to-batch color variation
- Fast setting — ready for foot traffic in 3 hours

**LATASIL™**
- 100% silicone sealant
- Available in 25 colors 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**

**Vinyl Adhesive System**

**Concrete Substrate**
Continuing in the tradition of leveraging our global strength, LATICRETE has again delivered a family of products that will revolutionize 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 self-leveling underlayments
- Deep penetrating formula maximizes bond strength

**NXT Level Plus**
- High quality cement based self-leveling underlayment
- Install from 1/8" – 1 ¼" (3–32mm) in a single lift
- Apply directly over concrete with RH of 95% or less per ASTM F2170

**254 Platinum**
- Suitable for interior and exterior applications.
- Exceptional bond strength and easy workability
- Equipped with anti-microbial protection
- Exceeds ANSI A118.15, ANSI A118.4, and ANSI A118.11
- Meets EN 12004/C2TES1 and ISO 13007-1/C2TES1P1

**SPECTRALOCK® PRO Premium Grout™**
- Maximum performance epoxy grout
- Available in 40 colors
- Stainproof™ and chemical resistant
- Easily installs on floors and walls; never needs sealing
- Use in interior and fully submerged applications
- Exceeds ANSI A118.3

**PERMACOLOR® Select**
- No sealing required – equipped with STONETECH® Technology
- Virtually eliminates batch-to-batch color variation
- Fast setting — ready for foot traffic in 3 hours

SYSTEM APPLICATIONS:

- **Concrete Substrate**
- **NXT™ Level Plus**
- **NXT Primer**
- **254 Platinum**
- **SPECTRALOCK® PRO Premium Grout™**
- **PERMACOLOR® Select**

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

† United States Patent No.: 6,784,229 B2 (and other Patents).
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 up to 1/8” (3 mm) over shrinkage and other non-structural cracks
- Extra Heavy Service rating per ASTM C627
- Meets ANSI A118.10 and ANSI A118.12 standards
- 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 1/4” — 1 1/2” (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 25 colors and clear
- Use in fully submerged or wet areas when used with LATASIL™ 9118 Primer
- Meets ASTM C794 and C920
SYSTEM APPLICATIONS:

**HYDRO BAN®**
- Linear Drain
- Pre-Sloped Shower Pan

**LATASIL™**

**SPECTRALOCK® PRO**
- Premium Grout
- 254 Platinum

**25 YEAR Warranty**

**CHOSE FROM 4 LINEAR DRAIN OPTIONS**
- 304 stainless steel drain
- Tile-In Drain
- Brushed Stainless Steel Drain
- Polished Stainless Steel Drain
- Oil Rubbed Bronze Stainless Steel Drain

**HYDRO BAN BONDED FLANGE DRAIN**
- Heavy duty PVC or ABS construction
- Adjustable drain height and lateral movement
- Ties into 2" (50 mm) 3" (76 mm) and 4" (102 mm) waste lines — no adaptor needed

**SPECTRALOCK PRO Premium Grout**
- or PERMACOLOR® Select

**3701 Fortified Mortar Bed**

**4-XLT**

**WIRE**

**254 Platinum**

**www.laticrete.com** - Globally Proven Construction Solutions
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 up to 1/8” (3 mm) over shrinkage and other non-structural cracks
- Extra Heavy Service rating per ASTM C627
- Meets ANSI A118.10 and ANSI A118.12 standards
- IAPMO and ICE approved

125 Sound & Crack Adhesive (Light Commercial Only)
- Crack isolation, sound control and adhesive in one
- Provides sound control of (delta)IIC of 17
- Contains over 30% post consumer recycled materials
- Meets ANSI A118.12 anti-fracture performance
- 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-colored marble
- Maximum chemical resistance
- Meets ANSI A118.3, EN 12004/R2T, and ISO 13007-1/R2T

254 Platinum
- Suitable for interior and exterior applications.
- Exceptional bond strength and easy workability
- Equipped with anti-microbial protection
- Exceeds ANSI A118.15, ANSI A118.4, and ANSI A118.11
- Meets EN 12004/C2TES1 and ISO 13007-1/C2TES1P1

SPECTRALOCK® PRO Premium Grout^ (walls)
- In 40 colors
- Stainproof^ and chemical resistant
- Easily installs on floors and walls; never needs sealing
- Use in interior and fully submerged applications
- Exceeds ANSI A118.3

LATA SIL™
- 100% silicone sealant
- Available in 25 colors and clear
- Use in fully submerged or wet areas when used with LATA SIL™ 9118 Primer
- Meets ASTM C794 and C920

SYSTEM APPLICATIONS:

Commercial Flooring

SPECTRALOCK® PRO Premium Grout^ (floors and base)

125 Sound & Crack Adhesive†
or 254 Platinum

LATAPoxy™ 300 Adhesive

LATASIL™

254 Platinum

SPECTRALOCK® PRO Premium Grout^ (walls)

25 Year Warranty

Non-structural Crack

Substrate

LATA SIL™

LATA SIL™ 100% silicone sealant

Available in 25 colors and clear

Use in fully submerged or wet areas when used with LATA SIL™ 9118 Primer

Meets ASTM C794 and C920

Hydro BAN®

SPECTRALOCK® PRO Premium Grout (walls)

254 Platinum or LATAPoxy™ 300 Adhesive

SPECTRALOCK 2000 IG

Recommended for industrial application and commercial kitchens

Maximum performance grout

Available in 39 colors

Easy to install and clean

Chemical resistant

Exceeds ANSI A118.3 and A118.5 requirements

Meets ISO 13007-3/R2
The LATICRETE Sound Protection System is the first choice of contractors and architects alike. A stand-alone sound control underlayment, 170 Sound & Crack Isolation Mat obtains a $\Delta$ IIC of 20 as tested per ASTM E2179 and an IIC rating of 65 per ASTM E989/492. 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.
SYSTEM COMPONENTS:

**170 Sound & Crack Isolation Mat**
- Provides a ΔIIC of 20 for sound control
- Contains 89% post consumer recycled materials
- Available in additional thicknesses*
- Anti-fracture performance up to 1/8” (3 mm)
- Meets ANSI A118.12 and A118.13

**125 Sound & Crack Adhesive**
- Crack isolation, sound control and adhesive in one
- Provides sound control of ΔIIC of 17
- Contains over 30% post consumer recycled materials
- Meets ANSI A118.12 anti-fracture performance
- Meets EN 12004/C1ES2 and ISO 13007-1 C1ES2

**254 Platinum**
- Suitable for interior and exterior applications.
- Exceptional bond strength and easy workability
- Equipped with anti-microbial protection
- Exceeds ANSI A118.15, ANSI A118.4, and ANSI A118.11
- Meets EN 12004/C2TES1 and ISO 13007-1/C2TES1P1

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

**PERMACOLOR® Select**
- No sealing required — equipped with STONETECH® Sealer Technology
- Virtually eliminates batch-to-batch color variation
- Fast setting — ready for foot traffic in 3 hours

**LATASIL™**
- 100% silicone sealant
- Available in 25 colors and clear
- Use in fully submerged or wet areas when used with LATASIL™ 9118 Primer
- Meets ASTM C794 and C920

SYSTEM APPLICATIONS:

**SYSTEM APPLICATIONS:**

- **SPECTRALOCK PRO Premium Grout** or **PERMACOLOR® Select**
- **170 Sound & Crack Isolation Mat**
- **125 Sound & Crack Adhesive†**
- **254 Platinum**
- **LATASIL™**

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* Contact your local LATICRETE representative for more information.

^ 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.

See product data sheets for more information.

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25 Year Warranty

Anti-Microbial Technology

Certified

20
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 mortars, STRATA_MAT allows for the proper adhesive mortar 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 mortar and provides for faster drying of the mortar
- Specifically designed for use with both modified and unmodified mortars
- Provides vapor management
- Eliminates transmission of in plane substrate cracks of up to 1/8" (3 mm)
- Meets ANSI A118.12
- Rated Extra Heavy per TCNA as tested using ASTM C627

254 Platinum
- Suitable for interior and exterior applications.
- Exceptional bond strength and easy workability
- Equipped with anti-microbial protection
- Exceeds ANSI A118.15, ANSI A118.4, and ANSI A118.11
- Meets EN 12004/C2TES1 and ISO 13007-1/C2TES1P1

SPECTRALOCK® PRO Premium Grout
- Maximum performance epoxy grout
- Available in 40 colors
- Stainproof and chemical resistant
- Easily installs on floors and walls; never needs sealing
- Use in interior and fully submerged applications
- Exceeds ANSI A118.3

PERMACOLOR® Select
- No sealing required — equipped with STONETECH® Sealer Technology
- Virtually eliminates batch-to-batch color variation
- Fast setting — ready for foot traffic in 3 hours

SYSTEM APPLICATIONS:

Concrete
- HYDRO BAN® (if waterproofing is required)

Poured gypsum underlayment
- 254 Platinum LATICRETE polymer modified thin set mortar

HYDRO BAN®
- 254 Platinum LATICRETE polymer modified thin set mortar

PERMACOLOR® Select or SPECTRALOCK® PRO Premium Grout

PERMACOLOR® Select or SPECTRALOCK® PRO Premium Grout

254 Platinum LATICRETE polymer modified thin set mortar

PERMACOLOR® Select or SPECTRALOCK® PRO Premium Grout

254 Platinum LATICRETE polymer modified thin set mortar

254 Platinum LATICRETE polymer modified thin set mortar

254 Platinum LATICRETE polymer modified thin set mortar

254 Platinum LATICRETE polymer modified thin set mortar

254 Platinum LATICRETE polymer modified thin set mortar

25 Year Warranty

Anti-Microbial Technology

25 Year Warranty

Technical Information

25 Year Warranty
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.
**Tile Drain Mat**
- Provides 3x the drainage rate of a conventional 2" (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 up to 1/8" (3 mm) over shrinkage and other non-structural cracks
- Extra Heavy Service rating per ASTM C627
- Meets ANSI A118.10 and ANSI A118.12 standards
- IAPMO and ICE approved

**254 Platinum Premium Tile Adhesive Mortar**
- Suitable for interior and exterior applications.
- Exceptional bond strength and easy workability
- Equipped with anti-microbial protection
- Exceeds ANSI A118.15, ANSI A118.4, and ANSI A118.11 standards
- Meets EN 12004/C2TES1 and ISO 13007-1/C2TES1P1

**PERMACOLOR® Select**
- No sealing required — equipped with STONETECH® Sealer Technology
- Virtually eliminates batch-to-batch color variation
- Fast setting — ready for foot traffic in 3 hours

**LATASIL™**
- 100% silicone sealant
- Available in 25 colors and clear
- Use in fully submerged or wet areas when used with LATASIL™ 9118 Primer
- Meets ASTM C794 and C920

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**System Application:**

- **Tile Drain Mat**
- **3701 Fortified Mortar Bed**
- **254 Platinum Premium Tile Adhesive Mortar**
- **PERMACOLOR® Select**
- **LATASIL™**
Vertical installations of ceramic tile or stone require expertise, high performance products and a proven track record of success.

Our Exterior Facade 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 building code approved with over 15 years of global installations. 254 Platinum and our non-sag 255 MULTIMAX™†, are equipped with anti-microbial protection and are UL GREENGUARD Gold certified for low VOC emissions.

SYSTEM COMPONENTS:

HYDRO BAN®
- Bonds directly to metal and a variety of plastic plumbing fixtures
- Anti-fracture protection up to 1/8” (3 mm) over shrinkage and other non-structural cracks
- Extra Heavy Service rating per ASTM C627
- Meets ANSI A118.10 and ANSI A118.12 standards
- IAPMO and ICE approved

254 Platinum
- Suitable for interior and exterior applications.
- Exceptional bond strength and easy workability
- Equipped with anti-microbial protection
- Exceeds ANSI A118.15, ANSI A118.4, and ANSI A118.11
- Meets EN 12004/C2TES1 and ISO 13007-1/C2TES1P1

255 MULTIMAX™†
- Versatile lightweight mortar
- Build up to 3/4” (19 mm) without shrinkage, slump, sag or slippage
- Reinforced with Kevlar®
- Inhibits the growth of stain-causing mold and mildew with Microban®
- Meets ISO 13007-1 C2TP1

LATAPoxy® 310 Stone Adhesive
- Fast permanent bond
- Withstands shock and vibration
- Approved for exterior installations by building codes: ICC, IBC
- Meets ANSI A118.3, meets EN 12004/R2T and meets ISO 13007-1/R2T

PERMACOLOR® Select
- No sealing required — equipped with STONETECH® Sealer Technology
- Virtually eliminates batch-to-batch color variation
- Fast setting — ready for foot traffic in 3 hours

LATASIL™
- 100% silicone sealant
- Available in 25 colors and clear
- Use in fully submerged or wet areas when used with LATASIL™ 9118 Primer
- Meets ASTM C794 and C920

SYSTEM APPLICATIONS:

- HYDRO BAN®
  - Bonds directly to metal and a variety of plastic plumbing fixtures
- 254 Platinum
  - Suitable for interior and exterior applications.
- 255 MULTIMAX™†
  - Versatile lightweight mortar
- LATAPoxy® 310 Stone Adhesive
  - Fast permanent bond
- PERMACOLOR® Select
  - No sealing required — equipped with STONETECH® Sealer Technology
- LATASIL™
  - 100% silicone sealant

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

Concrete Substrate
LATAPoxy® 310 Stone Adhesive
LATASIL™
PerMAcolor® Select
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! Utilizing 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:

**MVIS™ Air & Water Barrier**
- Single component, load bearing, vapor permeable, fluid applied membrane
- Designed for use as a waterproofing, crack isolation, and air barrier behind most exterior wall claddings
- Excellent bond strength to a wide variety of substrates
- May contribute to overall building energy efficiency
- Exceeds ICC-ES AC 212

**MVIS Veneer Mortar**
- Polymer-fortified adhesive mortar
- ANSI A118.4
- For interior and exterior installation of adhered masonry veneer, natural stone, and thin brick
- Excellent bond strength, reinforced with Kevlar

**MVIS Premium Pointing Mortar**
- Ideal for floors and walls (joint widths 1/4” – 1/2” [6.35 mm – 12 mm])
- Provides a joint that is dense, hard and durable
- Available in 9 colors

**MVIS Silicone Sealant**
- 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 selected colors and clear

SYSTEM APPLICATIONS:

**Concrete Wall Direct Adhered with Fluid Applied Air and Water Barrier**
- Exterior wall
- Concrete Wall Direct Adhered with Fluid Applied Air and Water Barrier
- Vapor retarder/cleavage membrane type and location per design professional (e.g. 15 lb builders felt or 4 mil polyethylene sheathing)
- Concrete or masonry

**Framed Wall with Exterior Rated Sheathing and Cement Backer Board**
- Exterior wall
- Framed Wall with Exterior Rated Sheathing and Cement Backer Board
- Metal Lath, 3.4# galvanized diamond wire lath

**Exposed Masonry Veneer**
- MVIS Adhered Masonry Veneer
- MVIS Premium Pointing Mortar
- MVIS Veneer Mortar
- MVIS Air & Water Barrier
- MVIS Premium Mortar Bed
- MVIS Silicone Sealant

- A 44 Bright White
- B 39 Mushroom
- C 40 Latte
- D 66 Chestnut Brown
- E 24 Natural Grey
- F 38 River Rock

- △ Silicone Sealant available in clear and colors indicated.
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® 25 Year System Warranty*, the strongest warranty in the industry. LATICRETE grouts outperform the competition in durability, stain resistance, ease of use, and color options.

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.
GROUT OPTIONS:

SPECTRALOCK® PRO Premium Grout

SPECTRALOCK® PRO Premium Grout® is ready for traffic in as little as 12 hours and can be used on interior and exterior floors, walls, pools, and spas. An optional SPECTRALOCK DAZZLE™ component makes ordinary grout colors metallic, pearlescent and glow-in-the-dark.

- Maximum performance epoxy grout
- Available in 40 colors
- 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 colors
- Easy to install and clean
- Chemical resistant
- Exceeds ANSI A118.3 and A118.5 requirements
- Meets ISO 13007-3/R2

PLASMA™

PLASMA™ is a revolutionary professional grade grout that is ready-to-use. No mixing required. Built on a new patent pending technology platform, it provides unmatched early strength development, ease of workability and superior stain resistance.

- 20 colors PLUS Translucent option
- Ready-to-use, no mixing required
- Superior stain resistance — does not sealing required
- Industry-leading physical performance

PERMACOLOR® Select

PERMACOLOR® Select is an advanced high performance cement grout that offers the industry’s first dispersable dry pigment solution. PERMACOLOR Select is designed for virtually all types of residential and commercial installations and offers optimum performance on the most demanding exterior or interior applications. Easy to mix, grout and clean, PERMACOLOR Select is fast setting and is suitable for joints 1/16” to 1/2” (1.5 mm to 12 mm) wide on floors or walls.

- Never needs sealing — equipped with STONETECH® Sealer Technology
- Virtually eliminates batch-to-batch color variation
- Fast setting — ready for foot traffic in 3 hours
### Grout and Sealant Selection Key

**Available in All 40 Colors:**
- SPECTRALOCK® PRO Premium Grout
- SPECTRALOCK  PRO Grout
- NEW PERMACOLOR® Select
- PERMACOLOR Grout
- Premium Acrylic Caulk (Sanded and Unsanded)

**Available in Selected Colors:**
- LATASIL™
- PLASMA™ (Also, available in Translucent)

**Notes:**
- Grout color availability subject to change. Visit www.laticrete.com for the most current color selections.

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**Color Chart:**

<table>
<thead>
<tr>
<th>Color</th>
<th>Code</th>
<th>Availability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clear</td>
<td></td>
<td></td>
</tr>
<tr>
<td>44 Bright White</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>18 Sauterne</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>16 Siltstone</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>85 Almond</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>03 Silk</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>23 Antique White</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>39 Mushroom</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>41 Kashmir</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>81 Butter Cream</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>52 Toasted Almond</td>
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<td></td>
</tr>
<tr>
<td>55 Tawny</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>17 Marble Beige</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>40 Latte</td>
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<td></td>
</tr>
<tr>
<td>61 Parchment</td>
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</tr>
<tr>
<td>30 Sand Beige</td>
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</tr>
<tr>
<td>56 Desert Khaki</td>
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<td>46 Quarry Red</td>
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<td>43 Chocolate Truffle</td>
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<td>66 Chestnut Brown</td>
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<td>59 Espresso</td>
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<tr>
<td>35 Mocha</td>
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<tr>
<td>50 Sea Glass</td>
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<td>67 Autumn Green</td>
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<td>53 Twilight Blue</td>
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<td>42 Platinum</td>
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<td>88 Silver Shadow</td>
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<td>89 Smoke Grey</td>
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<td>45 Raven</td>
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</tr>
<tr>
<td>22 Midnight Black</td>
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<td></td>
</tr>
</tbody>
</table>

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* United States Patent No.: 6881768 and other Patents.
* United States Patent No.: 6784229 and other Patents.
With over 50 years of worldwide experience, LATICRETE is the recognized 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 visualize detail components electronically. BIM compliant details are available at www.laticrete.com/green or by contacting LATICRETE Technical Services at 1.800.243.4788 x235.

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 Centers 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 500-mile 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.
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