



barbie kennedy

DESIGNS


Installation Instructions for Water Jet designs

These instructions are meant to be a general guide for installations under normal conditions. Please read and understand this information before installation. If you have no experience with the installation of Stone, Wood & Glass products obtain professional advice or use their services for the installation.

The Heritage and Essence collections are made of a combination of material precisely cut on a water jet to an exact interlocking template. The materials consist of combinations of several of the following elements, Natural Stone, Fine Engineered Wood, Metal and / or Mirror. These are assembled and mesh backed in assemblies designed to interlock precisely. (*Upon Special request they also can be assembled with face mount clear poly / Mylar film used when backlighting assemblies containing Onyx stones as an example)

A certain amount of variation in color, shade, texture, size and tone is a desired feature and is inherent to this material and the production process.

All of these collections can be used for interior applications in specific areas. Please see catalog for applicable areas.



Cement backer units and/or concrete masonry block are acceptable substrates. Gypsum wallboard can be used for interior walls only. Do not install these products with membranes between the glass and the setting substrate! When installed close to hot areas (i.e. cook-tops, fireplaces and similar applications) keep the installation a minimum safe distance of at least 6" from any source of heat or heated surface.

NOTE: Some glass tile manufacturers prohibit the use of a waterproofing or crack isolation membrane under their tile. Follow glass tile manufacturer's specific installation requirements for use of waterproofing membranes, antifracture membranes and vapor barrier placement.

Installation Instructions:

Verify product characteristics BEFORE installation for any visible defect and/or other aspects of the product that may be questionable, such as, but not limited to: shade variation, chipped edges, and scratched surfaces, variations between ordered and supplied products as; Installation, where a claim to be defective is not caught or the material is not corresponding to customer's expectations, constitutes acceptance of the product as is" and no claims will be accepted after installation.

(Note due to inherently different properties of Wood versus Stone, Differing Installation Instructions are necessary)

BKD Collections combined with Wood

HANDLING AND ACCLIMATIZATION: Prefinished hardwood floor installation requires a little more time and precaution than unfinished flooring; handle with care to avoid board surface and finish damage. Note: Keep sealed boxes of wood in room where flooring is to be installed for at least 72 hours before installation.

PRE-INSTALLATION CHECK LIST

Basic requirements (BKD Collections combinations with Wood as Flooring)

- Hardwood floor installation should be the very last step of any construction or renovation project.
- Prior to installation, HVAC system must be in operation, and room temperature must have been maintained at ± 72 °F [± 22 °C] for at least one week.
- To avoid any moisture-related damages, subfloor must be dry and basement well ventilated.
- For below grade installation, ensure that foundations, concrete slab or any adjacent objects are thoroughly leak proof.
- Relative humidity must be maintained around 45% [between 25 and 70%] at all times.

- Radiant heat performance: Installation over subfloors equipped with radiant heat systems must be glued down.
- The radiant heat system must have been tested and in operation for a few weeks prior to installation.
- The system should be turned off during installation and turned back on 72 hours after installation to allow the glue to dry normally.
- The wood surface temperature must never exceed 80 °F [27 °C].
- If the radiant heat pipes are visible or exposed in the subfloor, you must cover them with 3/8" [10 mm] plywood to spread heat more evenly.

Subfloor moisture level check

Wooden subfloor: Wooden subfloor moisture reading must not exceed 12% and differential between boards and subfloor must be less than 4%. Wood moisture meters are available from most Flooring Supply Houses. If moisture reading is too high, postpone installation, find moisture source and correct it if needed, raise heat and increase ventilation until proper conditions are met.

Concrete subfloor: Prior to installation, concrete subfloor should preferably be 45 to 90 days old, 30 days being the absolute minimum. Concrete moisture meter must be used to check subfloor moisture level; if the result exceed 3.5%, calcium chloride test must be performed. The concrete subfloor moisture content must not exceed 3 lbs / 1,000 sq. ft. /24 hours. If the reading exceeds 3 lbs, use a complete moisture-proofing system (e.g. LATICRETE[®] NXT[™] Vapor Reduction Coating) with the selected adhesive. Please refer to the manufacturer's documentation for the selected products for information on their warranty, product limitations, and installation recommendations.

Surface Preparation: All surfaces must be ± 72 °F [22°C] and structurally sound, dry, clean free of paint, old adhesives, sealers and curing compounds. Any contaminates which inhibit proper bond must be removed. Substrate preparation should be completed following ANSI A108 AN-2 "General Requirements for Sub-surfaces". All substrates should be plumb and true, surface deviation should not exceed ¼" in 10'.

Applying Adhesive: BKD Collections containing wood must be installed using an Adhesive containing 0% Water. Typical acceptable adhesives are Urethane (example Bostic's Best) or Epoxy (example LATAPOXY[®] 300 ADHESIVE by LATICRETE). These Adhesives also act as a moisture barrier to further protect the product.

BKD Recommends LATAPOXY 300 ADHESIVE (Manufactured by LATICRETE) for Collections containing Wood

LATAPOXY[®] 300 ADHESIVE

MIXING PROPORTIONS Mixing Pour LATAPOXY 300 Adhesive Part A and Part B into a clean mixing pail and mix thoroughly. Add LATAPOXY 300 Part C Filler Powder and mix to a smooth, trowelable consistency. Mortar is ready for use immediately after mixing.

PREPARING THE MIXTURE Pour the Component B (catalyst) over Component A (mixture) It is essential to pour the entire content of the catalyst contained in the package. Mix by using the electric drill equipped with mixing paddle on low setting until obtaining a homogeneous and clot-free mixture. It is not recommended to carry out the mixing by hand. The packages of the 2 components are previously dosed so as to avoid any mixing errors.


APPLICATION Apply the product with a notched trowel. The notches of the trowel must be chosen based on the size of the tiles to be applied.

INSTALLATION OF THE TILES The BKD Collection pattern tiles are laid on the adhesive applying a consistent pressure to ensure contact with the adhesive before its drying up which will occur after 45 minutes. The time of workability of the product in normal temperature and humidity conditions is approximately 1 hour. High temperatures will shorten these times, lower temperatures will lengthen them. The tiles must be laid creating joints with widths suitable to their format. During installation, respect any expansion or splitting joints. Leave a space of at least 5 mm (1 ¼ inch) at the walls or at any surface elevation. The ceramic surface must be protected for at least 24 hours against water. The commissioning of tiled surfaces can take place after approximately 24 hours @ 70 ° F (21 C)

COLLECTIONS NOT COMBINED WITH WOOD

Barbie Kennedy Designs and International Wholesale Tile recommends LATAPOXY 300 ADHESIVE or the cement based products manufactured by **LATICRETE (e.g. LATICRETE 254 Platinum or Glass Tile Adhesive)** to install the BKD Collections not containing Wood. The installation of these products requires proper surface preparation, a careful installation using a quality thinset. Movement (Expansion) joints should be provided to comply with TCA method EJ 171.

Surface Preparation: All surfaces must be between 40°F (4°C) to 90°F (32°C) and structurally sound, dry, clean free of paint, old adhesives, sealers and curing



compounds. Any contaminants which inhibit proper bond must be removed. Substrate preparation should be completed following ANSI A108 AN-2 "General Requirements for Sub-surfaces". All substrates should be plumb and true, surface deviation should not exceed ¼" in 10'. Patching, leveling and prepared a substrate should be using LATICRETE NXT™ Level self-leveling underlayment's and patches.


Thin Bed Method: Install epoxy adhesive in compliance with current revisions of ANSI A108.02 (3.14) and ANSI A108.6. Use the appropriate trowel notch size to ensure proper bedding of the tile or stone selected. Work the epoxy adhesive into good contact with the substrate and comb with notched side of trowel. Spread only as much epoxy adhesive as can be covered while the adhesive surface is still wet and tacky. When installing large format (>8" x 8"/200mm x 200mm) tile/stone, rib/button/lug back tiles, pavers or sheet mounted ceramics/mosaics, spread epoxy adhesive onto the back of (i.e. 'back-butter') each piece/sheet in addition to trowelling epoxy adhesive over the substrate. Beat each piece/sheet into the epoxy adhesive with a beating block or rubber mallet to insure full bedding and flatness. Allow installation to set until firm. Clean excess epoxy adhesive from tile or stone face and joints between pieces.

Use the following LATICRETE System Materials:

LATAPOXY® 300 Adhesive

Applying Thinset Mortar: Use LATICRETE® 255 MULTIMAX™ (a one-step polymer modified portland cement setting adhesive for installing extra-large format porcelain, ceramic tile and natural stone on both walls and floors) mortar (or equivalent Latex Portland Cement Mortar that meets or exceeds ANSI A118.4 & ANSI A 118.11 Requirements)

LATICRETE 255 MULTIMAX™



Apply mortar to the substrate with the flat side of the trowel, with enough pressure to firmly work into the surface. With a notched trowel, immediately follow with a heavier coat of material using the appropriate trowel and enough mortar to provide necessary coverage to the back of the tile.

Do not spread more mortar than can be covered in 20 minutes or before the mortar skins over. It is advised that during the installation, remove a tile to insure the mortar has not skinned over and check the tile and substrate mortar coverage. Coverage of the thinset mortar is critical to the success of the installation of the tile. Place tiles in mortar; beat in to insure proper coverage. Do not adjust tiles set in mortar after 15 minutes. Allow installation to set until firm. Clean excess latex portland cement mortar from tile or stone face and joints between pieces.

Note: Ceramic Tile Mastic should never be used for the installation of BKD series tile.

Back Butter: Next, spread a thin layer of thinset on the back of the BKD series tile sheet with the flat edge of your trowel. This back-buttering step is best used for all large unit tiles, but is essential when using transparent stone such as Onyx, in order to keep any remaining trowel lines on the substrate from showing through. Back-buttering also insures near-complete (95%) surface adhesion between tile and substrate.

Setting: Set your sheets into the thinset layer spread on your substrate, taking care to square the sheets as you go. Sheets should be placed onto the newly troweled thinset on your surface immediately. DO NOT delay this step, or your thinset will begin to dry and the tiles will not fully adhere to the surface. The thin-set mortar MUST cover the back of each sheet pushing up slightly into the mesh.

Leveling: Square the sheet and apply to your surface, then "beat in"; gently with a rubber float or a beating block and a hammer to insure 100% adhesion and a level surface. Beating in with your float or beating block across the joint between adjacent sheets will achieve a level field across the entire area. Properly beating in and leveling will also prevent air bubbles (which cause hollow sounds) from being trapped between the thinset and tile.

Align Grout Joints: Align each sheet carefully as it is installed to create uniform grout joints from sheet to sheet. A joint between adjacent sheets should measure the same distance as the joint between the rows of tile within a single sheet. If the joint between the sheets is wider, you will see a series of individual sheets outline on your surface, instead of a smooth, continuous field of tiles that covers the entire area. Within 15-20


minutes of applying each section of your area, examine and straighten any joints that are not aligned. These straightening and aligning steps MUST be done while the thinset is still pliable. Do not wait until all of the sheets are installed to begin straightening the joints, or the thin-set will be too dry to allow any realigning. Repeat these installation steps until all sheets have been installed. Adjustments must be done immediately after or during the installation process before the setting material has dried.

Grouting: Due to the nature of BKD Collections being precisely cut into exact interlocking patterns on a water jet, it is not necessary to grout the installation, much like a wood floor.

Grouting Collection containing Wood

LATICRETE SpectraLOCK PRO Premium Grout

1. Chemical Resistant, Water Cleanable Tile-Grouting Epoxy (ANSI A118.3): Follow manufacturer's recommendations for minimum cure time prior to grouting. Store liquid components of LATICRETE SpectraLOCK® PRO Premium Grout† for 24 hours @ 70-80°F (21-27°C) prior to use to facilitate mixing and application. Substrate temperature must be 40-95°F (4-35°C). Verify joints are free of dirt, debris or grout spacers. Sponge or wipe dust/dirt off tile faces and remove water standing in joints. Apply grout release to face of absorptive, abrasive, non-slip or rough textured ceramic tile, pavers, bricks, stone or trim units that are not hot paraffin coated to facilitate cleaning. Cut open pouch and pour LATICRETE SpectraLOCK PRO Premium Grout Part A Liquid into a clean mixing pail. Then open pouch and pour LATICRETE SpectraLOCK PRO Premium Grout Part B Liquid into the mixing pail. Mix by hand or with a slow speed (<300 rpm) mixer until the two liquids are well blended. Then, while mixing, add LATICRETE SpectraLOCK Grout Part C Powder and blend until uniform. For narrow joints, it is acceptable to leave out up to 10% of the LATICRETE SpectraLOCK Grout Part C Powder to produce a more fluid mix. Install LATICRETE SpectraLOCK PRO Premium Grout in compliance with current revisions of ANSI A108.02 (3.13) and ANSI A108.6 (3.0 - 4.0). Spread using a sharp edged, firm rubber float and work grout into joints. Using strokes diagonal (at 45° angle) to the grout lines, pack joints full and free of voids/pits. Then hold float face at a 90° angle to grouted surface and use float edge to "squeegee" off excess grout, stroking diagonally to avoid pulling grout out of filled joints. Once excess grout is removed, a thin film/haze will be left. Initial cleaning of the remaining film/haze can begin approximately 20 minutes after grouting (wait longer when temperatures are cooler). Begin by mixing one cleaning additive packet with 2 gallons (7.6 L) of clean water in a clean bucket to make cleaning solution. Dip a clean sponge into the bucket and then wring out cleaning solution until sponge is damp. Using a circular motion, lightly scrub grouted surfaces with the damp sponge to loosen grout film/haze. Then drag sponge diagonally over the scrubbed surfaces to remove froth. Rinse sponge frequently and change cleaning solution at least every 50 ft² (4.7m²). Discard sponges as they become "gummy" with residue. Check work as you clean and repair any low spots with additional grout. One (1) hour after finishing first cleaning, clean the same area again following the same procedure but utilizing a clean white scrub pad and fresh cleaning solution. Rinse scrub pad frequently. Drag a clean sponge diagonally over the scrubbed surfaces to remove froth. Use each side of sponge only



once before rinsing and change cleaning solution at least every 50 ft² (4.7m²). Allow cleaned areas to dry and inspect tile/stone surface. For persistent grout film/haze (within 24 hours), repeat scrubbing procedure with undiluted white vinegar and clean pad. Rinse with clean water and allow surface to dry. Inspect grout joint for pinholes/voids and repair them with freshly mixed LATICRETE[®] SpectraLOCK[®] PRO Premium Grout[†]. *Cautions: Do not use undiluted white vinegar on polished marble or limestone unless a test spot in an inconspicuous area indicates no change in finish appearance; do not use acid cleaners on epoxy grout less than 7 days old.*

If it is desired to grout your BKD Collection Installation, we recommend LATICRETE[®] SPECTRALOCK[®] PRO Premium Grout Epoxy Grout for Collection containing Wood.

This Epoxy will also work for collections not containing wood. Stone should be pre sealed before grouting.

ALWAYS DO A TEST AREA BEFORE YOU COMMENCE WITH GROUTING.

Part A consists of an epoxy resin mixture, siliceous aggregates and additives.

Part B consists of a mixture of organic catalysts.

The product's main characteristics are: Ease of application and cleaning, even compared to normal cementitious grouts.


Step 1 - Cut Pouch of Part B (catalyst) and add to Part A (epoxy resin grout)

Step 2 – Mix well until both parts are blended into each other.

Caution: Use lowest speed setting on a variable speed drill

Step 3 – Use a Green Epoxy Float to push Litokol Starlike Grout onto surface (as with any grout) at a 45° Angle, applying firm pressure to push grout down into the spaces of the pattern.

Preferably Grouting is done with 2 experienced mechanics, first to apply Grout, the second to follow behind and clean up. (If one person grouting only attempt to do 6 square foot areas at a time before starting clean up).



Move excess grout over to non-grouted areas and create a dam with excess grout to prevent water, used in cleaning, to enter the un-grouted areas. **(IT IS IMPERATIVE THAT NO WATER BE ALLOWED TO ENTER JOINTS OF THE UN-GROUTED AREAS AS THIS WILL INHIBIT THE ABILITY OF THE GROUT TO BOND TO THE JOINTS).**

Step 4 – Clean immediately with a white non-scratch scrub pad and plenty of clean water (White Doodlebug Pad is Mandatory, Do Not Use Green or Red pads).

Use only the amount of pressure necessary to remove the excess from the surface as excess pressure will dig the grout back out of the joints. Change the water often for larger areas.

Step 5 – Sponge surface with a damp sponge to remove all remaining haze.

Step 6 – Any remaining haze can be polished off with a clean cloth within the initial set period

FINAL STEP – After 24 hours, if any remaining haze is visible, it must be removed with an Epoxy Haze remover such as LitoNet Gel or Tile Doctor Epoxy Haze Remover which are designed especially to dissolve and remove epoxy grout haze from tiles.

LATICRETE® STONETECH® Heavy Duty Coating Stripper


INSTALLATION

Surface Preparation

Read entire label before using. Use only as directed. Test in a small inconspicuous area to determine ease of application and desired results. Be sure all surfaces to be cleaned are swept or vacuumed to remove loose debris. Ensure work area is well-ventilated during application and until surface is dry. Keep children and pets out of the area until foot traffic resumes. Avoid contact with surfaces not intended to be treated. Avoid applying in direct sunlight. Should not be used in extreme temperatures. Recommended application temperature range is 50°F to 90°F (10 °C to 32.2 °C).

Directions

1. SHAKE WELL BEFORE USING. Do not dilute before applying. 2. Wear rubber gloves and eye protection during handling and application to prevent skin and eye contact. 3. Liberally apply an even coat of STONETECH® Heavy Duty Coating Stripper over the required area with a paint brush, mop or paint pad. DO NOT APPLY WITH A SPRAYER. Immediately remove STONETECH Heavy Duty Coating Stripper from unintended surfaces with a wet cloth to prevent potential damage to those surfaces. 4. Application time will vary depending on type of coating being removed. Approximate application times are as follows: **Coating Type Application Time**



Sealer, wax & varnish 30 to 60 minutes Polyurethane & acrylic 1 to 2 hours Epoxy grout haze 1 to 2 hours 5. Do not let STONETECH Heavy Duty Coating Stripper dry on the surface. If it starts to dry, add additional product to keep surface wet. 6. Agitate surface with a nylon scrub brush or pad after testing a small area first to make sure that brush or pad will not scratch stone. Surface can be wet with water to enable easier removal of coating. 7. Wipe up residual STONETECH Heavy Duty Coating Stripper with clean, dry clothes or wet mop. A wet/dry vacuum can be used for larger area. 8. Rinse surface well with clean water. 9. More than one application may be required, repeat steps 3 through 8 when necessary. 10. Surface traffic may begin 2 hours after removal of coating.

Grouting Collection not containing Wood

The Litokol Starlike Epoxy is an excellent choice but if a Portland Cement Grout is desired, only use Un-Sanded Grout for our patterns containing Stone, Stainless and Mirror due to the extremely narrow joints in the BKD Collection patterns. BKD recommends Merkrete Versatile XF Latex Modified Portland Cement Grout with Antimicrobial Protection.

Surface Preparation: Tile must be firmly attached to a sound substrate and setting material must be cured a minimum of 24 – 48 hours before grouting. Grout joints should be uniform in depth and width and free of all loose debris, contaminants and excess mortar. Pre-seal stone that can be subject to staining with manufactures' recommended sealer.

Mixing: Add approximately 2-1/2 pints (1.14 l) of cool potable water for every 10 lbs. (4.53 kg) of powder in a clean mixing container. Add the grout to the water slowly; blend by hand or power mixer at low speed (less than 200 RPM). The ideal grout looks stiff, but has a creamy consistency.

Allow the grout to relax for 15 minutes then remix. Periodic mixing during use keeps the grout workable, but do not add additional water or additives. When the grout becomes unyielding (dry) and difficult to work, discard and make a new batch. For best results on multiple mixes, have the same person mix the grout to insure the repetition of the mixing technique.

Application: Installation shall conform to ANSI A108.10-2006. Holding a rubber grout float at a 45° angle, force grout diagonally into joints ensuring joints are completely filled. Remove excess grout using edge of float held at a 90° angle. Cleanup can begin as soon as the grout becomes firm enough to only be slightly indented when pushed (about 30 minutes depending on porosity of the tile and ambient temperature). Use as little water as possible for grout cleanup. Excess water can create variation in color and

may cause shrinkage, cracks or pinholes. Smooth and level joints and, in a circular motion, remove excess grout from tile with a damp small pore grout sponge. It is best to change cleaning water and rinse sponge frequently. Using clean water and sponge will enhance color uniformity. Remove haze from tile surface with a soft, dry cloth.

Curing: Protect fresh grout from damage for a minimum of 72 hours. Like other portland cement products, Merkrete Versatile XF Color Grout will reach full curing in 28 days.


Limitations: Portland cement grout should not be installed when ambient temperature is below 50° F (10° C). Exterior applications should not be performed if rain is expected within 24 hours. Tile with high absorption, surface porosity or rough, textured surfaces, and/or certain types of porcelain may require sealing prior to grouting to prevent staining. Follow tile manufacturer's recommendations. Test a small area prior to use. Efflorescence; a crystalline deposit that sometimes appears in or on cement grout as a whitish powder or crust, can occur with any portland cement based product. Color variations can occur in portland cement products, including grout, differing tile types, tile porosity, jobsite conditions, application, and cleaning techniques. Color variations can be minimized by following directions and using as little water as possible for cleanup.

Basis of Design: LATICRETE PermaColor Grout (Sanded)

Basis of Design: LATICRETE 1600 Unsanded Grout

Basis of Design: LATICRETE 1776 Grout Enhancer

Allow tile installation to cure a minimum of 24 hours @ 70° F (21°C). Verify grout joints are free of dirt, debris or tile spacers. Sponge or wipe dust/dirt off tile faces and remove any water standing in joints. Apply grout release to face of tiles to facilitate cleaning. Surface temperature must be between 40-90° F (4-32°C). **Mixing Sanded Grout:** Pour approximately 64 oz. (1.9 L) of clean, potable water into a clean mixing container. Add a 25 lb. (11.3 kg) bag of LATICRETE PermaColor™ Grout to the container while mixing. Mix with a slow speed mixer to a smooth, stiff consistency. **Mixing Unsanded Grout:** Use approximately 4.5–5 qts (4.2–4.7 l) of clean potable water or 4.4 qts (4.18 l) of LATICRETE 1776 Grout Enhancer for 25 lbs. (11.3 kg) or 1.4–1.6 qts (1.3–1.5 l) of clean potable water or 1.5 quarts (1.4 l) of LATICRETE 1776 Grout Enhancer to 8 lbs. (3.6 kg) of LATICRETE 1600 Unsanded Grout powder. Place water in a clean mixing container and



add grout powder slowly. Mix by hand or with a slow speed mixer to a smooth, stiff consistency. Allow to slake for 5–10 minutes and remix. Install latex Portland cement grout in compliance with current revisions of ANSI A108.1A (7.0 Grouting of tile), ANSI A108.02 (4.5 Cleaning tile) and ANSI A108.10. Dampen dry surfaces with clean water. Spread using a sharp edged, hard rubber float and work grout into joints. Using diagonal (at 45° angle to direction of grout line) strokes, pack joints full and free of voids/pits. Hold float face at a 90° angle to grouted surface and use float edge to "squeegee" off excess grout, stroking diagonally to reduce pulling grout out of filled joints. Initial cleaning can begin as soon as grout has become firm, typically 15-20 minutes after grouting @ 70° F (21°C). Higher temperatures may require faster time to initial cleaning; wider joints or lower temperatures may require a longer time to initial cleaning. Begin initial cleaning by lightly dampening the entire grouted area with a damp sponge. Then wash clean the entire area with a damp (not wet) sponge. Drag a clean towel, dampened with water, or wipe a clean, dampened sponge, diagonally over the tile surface to remove any grout haze left after "squeegeeing." Rinse towel/sponge frequently and change rinse water at least every 200 ft² (19m²). Repeat this cleaning sequence again if grout haze is still present. Allow grout joints to become firm. Buff surface of grout with clean coarse cloth. Inspect joint for pinholes/voids and repair them with freshly mixed grout. Within 24 hours, check for remaining haze and remove it with warm soapy water and a nylon scrubbing pad, using a circular motion, to lightly scrub surfaces and dissolve haze/film. Do not use acid cleaners on glass tile installations.

References:

LATICRETE Data Sheets: [250.0](#); [258.0](#); [265.0](#)

LATICRETE MSDS: [2500](#); [1600](#); [1776](#)

GREENGUARD Certificates: [2500](#); [1600](#); [1776](#)

LATICRETE Technical Data Sheets: [201](#), [400](#)

Care & Maintenance Instructions for Barbie Kennedy Heritage and Essence Collections

SEALING

BKD recommends **Aqua Mix® Sealer's Choice® Gold** as the perfect choice for sealing products containing Natural Stones and will not harm collections also containing Hardwoods.

Application of Product

Read entire label before using. Apply using a paint pad applicator, sponge or brush. Allow it to penetrate for up to 3 minutes. Wipe surface completely dry using clean, dry cotton, paper or microfiber towels after each application. Porous surfaces may require additional applications. Conduct a test to see if surface is completely sealed after 2 hours by applying drops of water on the surface. If it penetrates, an additional application is required.

- Important to wipe the sealer residue 100% dry off of the tiles and grout at the time of application using a dry cotton towel, micro fiber or paper towels within 3 minutes of each application.
- Sealers cannot seal areas that cannot be grouted; sealer will not seal off hair line spaces or openings.

Drying Time


Allow 30 minutes drying time between applications. Ready for surface traffic in 2 hours. Keep dry for 12 hours. Achieves a full cure in 24 hours.

Cleaning of equipment: Clean tools with mineral spirits after use.

Health Precautions

MAY BE HARMFUL IF SWALLOWED. MAY IRRITATE EYES AND SKIN. Wear appropriate skin and eye protection equipment and ventilate area when spraying. Contains glycol ether monobutyl ether. If in eyes, flush with water for at least 15 minutes. If on skin, wash with soap and water. If irritation persists, seek medical attention. If swallowed, DO NOT induce vomiting. Seek medical attention.

Basis of Design: LATICRETE STONETECH® Heavy Duty Sealer



NOTE TO SPECIFIER: Different finish types may require different sealers. Impervious ceramic, and porcelain tiles do not require sealing. For finishes other than Saltillo tiles, consult LATICRETE Technical Services at 888-786-6343 extension 2, or via email, at technicalservices@laticrete.com.

Read entire label before using. Use only as directed. Always test in a small inconspicuous area with a 24-hour cure time to determine ease of application and desired results. Allow new grout installations to cure for a minimum of 72 hours prior to application. Make sure surface is clean and free of waxes and coatings. Sealer may be applied to damp surfaces one hour after standing water has been removed. Surface temperature should be between 50 °F and 80 °F (10 °C and 26.7 °C). Ensure that the area is well-ventilated during application and until the surface is dry. Keep children and pets out of the area until treated surface is dry.

1. Ensure cap is closed and sealed, and shake well before use.
2. Mask off surfaces not intended to be treated.
3. Liberally apply an even coat using a paint pad, roller, brush or low-pressure sprayer.
4. Allow sealer to penetrate the surface for 10–15 minutes. During this time, keep the surface wet with sealer, adding more sealer as needed. **DO NOT ALLOW SEALER TO COMPLETELY DRY ON THE SURFACE.**
5. A second coat may be needed for porous, absorbent surfaces. If a second coat is required, it should be applied 30–40 minutes after the initial application as directed in steps 3–4.
6. Following the final application, thoroughly wipe dry the entire surface with clean absorbent towels.
7. Should a sealer residue appear, re-wet the impacted section of the surface with sealer. Agitate the surface with a white nylon scrubbing pad to loosen residue and wipe dry with a clean, absorbent towel.
8. A full cure is achieved in 24–72 hours. Use of the treated surface may resume in 6–8 hours. If use of the surface must resume sooner, cover the treated surface with red rosin paper to protect it until full cure has been achieved.
9. Clean tools used during application with water.

RECOMMENDED SURFACES

Natural stone such as marble, granite, limestone, travertine, sandstone, flagstone, Saltillo, slate and bluestone.

STORAGE AND HANDLING INSTRUCTIONS

Avoid prolonged exposure to vapors. Use in a well-ventilated area. Do not ingest. Avoid contact with eyes and skin. **KEEP OUT OF THE REACH OF CHILDREN.** Do not freeze or store above 100 °F/38 °C. Do not mix with other chemicals. Do not release to natural waterways.

References:

LATICRETE Data Sheets: [Heavy Duty Sealer](#)

LATICRETE MSDS: [Heavy Duty Sealer](#)

Cleaning

BKD recommends **Aqua Mix® Concentrated Stone & Tile Cleaner** for the ongoing maintenance of our collections.

Product Description A super-concentrated cleaner formulated for everyday use. This neutral cleaner, when used regularly, prevents soap scum buildup and hard water deposits. Leaves a room smelling clean and fresh.

Key Features:

Ideal for everyday use Concentrated-makes up to 32 gallons (121 L) Safe, neutral pH formula

Suitable Tile Types

Natural stone (such as granite, limestone, marble, slate, and travertine), ceramic, porcelain, grout, quarry, Saltillo, terra-cotta, cement pavers, masonry surfaces, and other water-safe surfaces including BKD Collection containing finish Hardwoods

Application of Product

Read entire label before using. Sweep, vacuum, or dust surface. Mix 1 to 4 oz (30 to 118 mL) of Concentrated Stone & Tile Cleaner per gallon (3.8 L), of water. For polished natural stone surfaces, 1 oz (30 mL) of Concentrated Stone & Tile Cleaner per gallon (3.8 L), of water is usually sufficient. Apply solution to surface with mop or sponge. Allow to dwell 1 to 2 minutes. Agitate with a natural-bristle brush or white nylon scrub pad. Do not allow solution to dry on surface. Mop up dirty solution. Change cleaning solution at least every 250 Square Feet, or as needed.

LATICRETE® STONETECH® Stone & Tile Cleaner

5. INSTALLATION

Surface Preparation for STONETECH® Stone & Tile Cleaner - Concentrate

Read entire label before using. Use only as directed. Be sure surfaces to be cleaned are swept or vacuumed to remove loose debris. Avoid skin and eye contact with product.

Wear protective eyewear and gloves when handling concentrate. Keep children and pets out of the area during application and drying.

Directions for Concentrate

1. Dilute concentrated STONETECH Stone & Tile Cleaner with warm water according to the following mixing chart:

Use	STONETECH® Stone & Tile Cleaner	Warm Water
Heavy Duty	4 oz. (118 mL)	1 Gallon (3.8 L)
Light Duty	2 oz. (59 mL)	1 Gallon (3.8 L)

2. Apply mixed solution with a damp mop, sponge or appropriate professional cleaning equipment.
3. Clean entire area with mop, changing mop water often to ensure that soil is not redeposited. Wipe or rinse cleaned area.
4. Let area dry completely before using.

Directions for Ready-to-Use

1. Spray directly on soiled area.
2. Wipe clean with a dry towel, lint-free cloth or sponge. No need to rinse.
3. Repeat for heavily soiled areas using a nonabrasive scrubbing pad and wipe clean with a dry towel.

Health Precautions

MAY BE HARMFUL IF SWALLOWED. MAY IRRITATE EYES AND SKIN. Wear skin and eye protection. Contains sodium (C14-16) olefin sulfonate and other surfactants. If in eyes, flush with water for at least 15 minutes. If on skin, wash with soap and water. If irritation persists, seek medical attention. If swallowed, DO NOT induce vomiting. Seek medical attention.