

Adoquin Stone (Cantera)

READ ALL INSTRUCTIONS AND PRODUCT LABELS COMPLETELY BEFORE USING

Pretest in an inconspicuous area prior to application to determine if the desired results will be achieved and that the stone is not adversely affected.

New Installations

Follow the recommended installation methods and procedures of the Marble Institute of America and the Tile Contractors Association.

Pre-Grouting

For making grout clean up easier on porous stone:

- 1) Sweep or dust mop loose dirt and debris.
- 2) Insure that surface temperature of the stone is between 50–80°F.
- 3) Apply a single coat of StoneTech Professional™ Grout Release using a low-pressure chemical-resistant sprayer, roller or brush.
- 4) Allow the Grout Release to completely penetrate the stone for 5–15 minutes.
- 5) Wipe up all remaining sealer from the surface of the stone. Do not allow pooling or sealer to dry on the surface. Do not over apply.
- 6) Allow for a minimum of 4 hours cure time prior to grouting.
- 7) After grouting, remove excess grout. Do not allow grout to completely dry prior to removal.
- 8) Expected coverage for Grout Release is 200–400 sq. ft. per gallon.

Restorative Cleaning

Depending on the type of soil, stain or other foreign matter present, select one or more of the following options:

For stripping off any existing topical acrylic, urethane, epoxy, heavy wax coatings and epoxy grout haze:

- 1) Mask off and protect any baseboards or adjacent areas to avoid splashing and overspray onto surfaces not intended to be treated.
- 2) Sweep or dust mop loose dirt and debris.
- 3) For heavy, hard to remove coatings, use StoneTech Professional™ Heavy Duty Coating Stripper as is. For softer coatings, dilute Heavy Duty Coating Stripper with clean water up to a 1 to 1 solution.
- 4) Apply an even coat using a chemical-resistant paintbrush, roller or deck brush.
- 5) Allow stripper to dwell for 20 minutes to 2 hours or as long as needed to soften coating. Heavy Duty Coating Stripper will remain active for up to 24 hours.
- 6) Agitate well using a stiff nylon bristle scrub brush, stiff bristle push broom or a weighted floor machine at 130–140 lbs., 175 rpm, fitted with a scrub brush attachment.
- 7) Rinse well with clean water and mop, sponge or wet vacuum to remove the remaining cleaning solution. A hard surface extraction wand and portable or truck mounted extraction machine may be used. Repeat the rinsing and wet vacuum process to insure that all dirt, soil and cleaner residue have been removed.

For cleaning of grease, oil, dirt, dry soil and soap scum:

- 1) Mask off and protect any baseboards or adjacent areas to avoid splashing and overspray onto surfaces not intended to be treated.
- 2) Sweep or dust mop loose dirt and debris.
- 3) Strip off all topical finishes such as waxes and coatings.
- 4) Prepare a solution of StoneTech Professional™ KlenzAll™ mixed with warm or hot water as suggested below:
 - Medium Duty Usage — Mix 1 part KlenzAll™ to 4 parts of water.
 - Heavy Duty Usage — Mix 1 part KlenzAll™ to 2 parts of water.
- 5) Apply KlenzAll™ using a low-pressure chemical-resistant sprayer, sponge or mop.
- 6) Agitate well using a stiff nylon bristle scrub brush, stiff bristle push broom or a weighted floor machine at 130 lbs.–140 lbs., 175 rpm, fitted with a scrub brush attachment.
- 7) Rinse well with clean water and mop, sponge or wet vacuum to remove the remaining cleaning solution. A hard surface extraction wand and portable or truck mounted extraction machine may be used. Repeat the rinsing and wet vacuum process to insure that all dirt, soil and cleaner residue have been removed.
- 8) To remove deep or stubborn oil stains not completely removed by KlenzAll™,

let the surface dry and use StoneTech Professional™ Oil Stain Remover.

- a) Apply a ¼ inch thick coat of Oil Stain Remover to the oil stained area. Insure that Oil Stain Remover covers an area 1” to 2” beyond the stained area for the purpose of containment.
- b) Allow 2–3 days for the Oil Stain Remover to dry to a powder.
- c) Sweep and wipe up dried powder and evaluate the stained area for removal.
- d) Repeat process if needed.
- e) Remove any remaining Oil Stain Remover using mineral spirits.

For removal of efflorescence, grout haze, salts, mineral deposits and all other calcium-based stains (acidic cleaning):

Test in an inconspicuous area, as some materials are acid sensitive and may etch when acidic cleaners like StoneTech Professional™ Restore™ are applied.

- 1) Mask off and protect any baseboards or adjacent areas to avoid splashing and overspray onto surfaces not intended to be treated. *Restore™ may damage stainless steel and other metals.*
- 2) Sweep or dust mop loose dirt and debris.
- 3) Strip off all wax, acrylic, urethane and all topical finishes.
- 4) Prepare a solution of Restore™ mixed with warm or hot water as suggested below:
 - Medium Duty Usage — Mix 1 part of Restore™ to 4 parts of water.
 - Heavy Duty Usage — Mix 1 part of Restore™ to 1 part of water.
- 5) Liberally apply using a low-pressure chemical-resistant sprayer, sponge or mop.
- 6) Agitate well using a stiff nylon bristle scrub brush, stiff bristle push broom or a weighted floor machine at 130 lbs.–140 lbs., 175 rpm, fitted with a scrub brush attachment.
- 7) Rinse well with clean water and mop, sponge or wet vacuum to remove the remaining solution. A hard surface extraction wand and portable or truck mounted extraction machine may be used. Repeat the rinsing and wet vacuum process to insure that all dirt, soil and cleaner residue have been removed. Thoroughly rinse all metal surfaces.

Sealing & Protecting

Natural stone surfaces must be sealed to prevent or minimize staining. Leaving natural stone untreated may greatly hinder the complete removal of stains in the future. The following suggestions are for impregnating the stone and will allow the stone to breathe. Allow new installations to cure for 72 hours prior to applying sealer.

For a natural looking protector on interior and exterior surfaces (heavy duty protection, water and oil repellency):

- 1) Sweep or vacuum all dust, dirt and debris.
- 2) Mask off and protect any baseboards or adjacent areas to avoid splashing and overspray onto surfaces not intended to be treated.
- 3) Insure that surface is clean and residue-free.
- 4) StoneTech Professional™ Heavy Duty Stone Sealer may be applied to damp surfaces one hour after standing water has been removed.
- 5) Liberally apply an even coat of sealer using a low-pressure chemical-resistant sprayer, roller or brush.
- 6) Allow sealer to penetrate the surface for 20–30 minutes. During this time, distribute excess over entire area to insure even penetration. Wipe off any remaining sealer prior to drying on the surface.
- 7) A second coat may be needed for porous, absorbent surfaces and should be applied 30–40 minutes after initial application as directed in steps 5–6.
- 8) A minimum of 30 minutes after final application, wipe entire surface with a towel dampened with sealer to remove any residue and excess sealer, if needed.
- 9) A full cure is achieved after 24–72 hours; foot traffic may begin in 6–8 hours. Cover with red rosin paper, if foot traffic must resume before the recommended time periods have passed.
- 10) Expected coverage is 200–400 sq. ft. per gallon.
- 11) Re-application of Heavy Duty Stone Sealer:
 - A 1–3 year re-application is needed for interior surfaces.



For a natural looking protector on exterior surfaces (heavy duty protection, water repellency only):

StoneTech Professional™ Heavy Duty Exterior Stone and Masonry Sealer is a water repellent specially designed for exterior projects such as facades, cladding, pool decks, parking areas and driveways. It is very resistant to chemicals (i.e., chlorine) and to the effects of weather (i.e., ultraviolet light/sunlight, driving water/rain).

- 1) Sweep or vacuum all dust, dirt and debris.
- 2) Mask off and protect any baseboards or adjacent areas to avoid splashing and overspray onto surfaces not intended to be treated.
- 3) Insure that the surface is clean, dry and residue-free.
- 4) Liberally apply an even coat of Heavy Duty Exterior Stone and Masonry Sealer with a brush, paint roller or solvent-resistant low-pressure sprayer.
- 5) Allow sealer to penetrate the surface for 15-30 minutes; denser material may require more time for sealer to penetrate. During this time, distribute excess over entire area to insure even penetration. Wipe off any remaining sealer prior to drying on the surface.
- 6) A second coat may be needed for porous, absorbent surfaces and should be applied one hour after initial application as directed in steps 4-5.
- 7) If sealer was not completely wiped off and a residue appears, wipe entire surface with a towel dampened with sealer. Use a white, non-abrasive nylon brush or pad to loosen residue and follow with a clean, white absorbent towel to remove.
- 8) Do not walk on surface for at least 4-6 hours. Full cure is achieved in 24-72 hours.
- 9) Expected coverage is 200-400 sq. ft. per gallon.
- 10) Re-application of Heavy Duty Exterior Stone and Masonry Sealer:
 - A 5-10 year re-application is recommended for exterior surfaces.

For a color enhancing, impregnating (non-topical) protector on interior and exterior surfaces (heavy duty protection, water and oil repellency):

- 1) Sweep or vacuum all dust, dirt and debris.
- 2) Mask off and protect any baseboards or adjacent areas to avoid splashing and overspray onto surfaces not intended to be treated.
- 3) Insure that surface is clean, dry and residue-free.
- 4) Liberally apply an even coat of StoneTech Professional™ Enhancer Pro™ using a low-pressure solvent-resistant sprayer, roller or brush.
- 5) Allow to penetrate the surface for 15-30 minutes; denser material may require more time for Enhancer Pro™ to penetrate. During this time, distribute excess over entire area to insure even penetration. Completely wipe surface dry. **DO NOT ALLOW ENHANCER PRO™ TO DRY COMPLETELY ON SURFACE! Failure to remove enhancer from the surface may result in a film or residue that may need to be mechanically removed.**
- 6) A second coat may be needed for porous, absorbent surfaces or if a darker appearance is required and should be applied one hour after initial application as directed in steps 4-5.
- 7) A full cure is achieved after 24-72 hours; foot traffic may begin in 6-8 hours. Cover with red rosin paper, if foot traffic must resume before the recommended time periods have passed.
- 8) Expected coverage is 400-600 sq. ft. per gallon.
- 9) Re-application of Enhancer Pro™:
 - A 3-5 year re-application is needed for interior or exterior surfaces.

For a color enhancing, impregnating (non-topical) protector on interior surfaces (economical protection, water and oil repellency):

- 1) Sweep or vacuum all dust, dirt and debris.
- 2) Mask off and protect any baseboards or adjacent areas to avoid splashing and overspray onto surfaces not intended to be treated.
- 3) Insure that surface is clean, dry and residue-free.
- 4) Liberally apply an even coat of StoneTech Professional™ Stone Enhancer using a low-pressure chemical-resistant sprayer, roller or brush.
- 5) Allow to penetrate the surface for 15-30 minutes; denser material may require maximum time for enhancer to penetrate. During this time, distribute excess over entire area to insure even penetration. Completely wipe surface dry. **DO NOT ALLOW STONE ENHANCER TO DRY COMPLETELY ON SURFACE!**
- 6) A second coat may be needed for porous, absorbent surfaces or if a darker appearance is required and should be applied one hour after initial application as directed in steps 4-5.

- 7) A full cure is achieved after 24-72 hours; foot traffic may begin in 6-8 hours. Cover with red rosin paper, if foot traffic must resume before the recommended time periods have passed.
- 8) Expected coverage is 400-600 sq. ft. per gallon.
- 9) Re-application of Stone Enhancer:
 - A 3-5 year re-application is needed for interior surfaces.

For a wet look, high gloss, color enhancing, topical protector on interior and exterior surfaces (maximum protection, water and oil repellency, resistant to acid etches):

- 1) Thoroughly pre-clean all debris, dirt, oil, grease and general stains from the surface using KlenzAll™. Remove waxes, coatings and paints first with Heavy Duty Coating Stripper.
- 2) Allow newly cleaned surface to completely dry prior to applying StoneTech Professional™ High Gloss Lacquer.
- 3) Mask off and protect any baseboards or adjacent areas to avoid splashing and overspray onto surfaces not intended to be treated.
- 4) Avoid using in direct sunlight. Apply in air temperatures between 55°F to 80°F and on a cool dry surface. *Use only in well ventilated area.*
- 5) While wearing an organic vapor respirator, apply 2-3 even coats with a solvent-resistant natural hair bristle brush, roller or low-pressure sprayer.
- 6) Allow 1-3 hours between coats or until surface is completely dry to the touch.
- 7) After final application, do not walk on surface until High Gloss Lacquer is completely cured. High Gloss Lacquer will cure in 24-48 hours.
- 8) Clean up equipment with ordinary lacquer thinner, except as restricted by your local air quality management district.
- 9) Coverage varies depending on the porosity of the surface, method of application and desired thickness of coating. Approximately 100-400 sq. ft. per gallon.
- 10) Re-application of High Gloss Lacquer:
 - 1-3 years based upon wear.

Note: For a high gloss, natural look, topical protector on interior and exterior surfaces, use new water-based High Gloss Lacquer. Follow label directions.

Maintenance Cleaning

Highly alkaline, acidic, ammoniated, abrasive cleaners and/or bleach may break down the sealer, adversely affecting repellency and may not be good for the stone. Use a neutral cleaner specially formulated for natural stone.

For routine cleaning with protection (not recommended for lacquered surfaces):

- 1) Sweep or dust mop loose dirt and debris.
- 2) Prepare a solution of StoneTech Professional™ Revitalizer™ concentrate mixed with warm or hot water as suggested below:
 - Light Duty Usage — 1 part Revitalizer™ to 4 parts water.
 - Medium Duty Usage/Spray Refill — 1 part Revitalizer™ to 1 part water. (One gallon of concentrate makes up to five gallons of ready-to-use solution.)
- 3) Apply the Revitalizer™ solution using a low-pressure chemical-resistant sprayer, mop, sponge or automatic scrubbing machine.
- 4) No rinsing needed.
- 5) Or use Revitalizer™ in a ready-to-use sprayer or wipes.

For routine maintenance cleaning:

- 1) Sweep or dust mop loose dirt and debris.
- 2) Prepare a solution of StoneTech Professional™ All Purpose Stone and Tile Cleaner concentrate mixed with warm or hot water as suggested below:
 - 2 ounces All Purpose Stone and Tile Cleaner in 1 gallon of water. (Do not mix stronger than 2 ounces to a gallon as a maintenance cleaner. One gallon of concentrate makes 65 gallons of cleaning solution.)
- 3) Apply the solution using a sponge, mop or automatic scrubbing machine, then wipe or rinse off.
- 4) Or use All Purpose Stone and Tile Cleaner in a ready-to-use sprayer or wipes.

