POLISHED TRAVERTINE

REGULAR MAINTENANCE AND CARE
Routine, daily maintenance of polished travertine surfaces will involve keeping dirt, dust and other soiling from building up. Spills, food and other potential staining materials need to be cleaned up in a reasonable period of time. Regular sweeping and light damp mopping is advisable. For larger installations these processes remain the same; only the scale will change.

Highly alkaline, acidic, ammonia based, abrasive cleansers, or bleach may damage some stone. No and/or grout surfaces and may also degrade an applied sealer, adversely affecting stain repellency. The use of a gentle cleaner specifically formulated for stone, tile and grout maintenance is the best assurance of not harming the travertine, grout or degrading any applied sealers.

Maintenance Cleaning
Both routine damp mopping and monthly scrub cleanings of granite surfaces can be accomplished using sponges and brushes, spray mops, and traditional mop and bucket. A wet/dry vacuum is helpful for cleaning large floors. For commercial applications a swing machine fitted with a brush or pad or an auto-scrubber will help maintain larger installations. STONETECH® has two maintenance cleaners suitable for unpolished, honed or textured granite surfaces.

For routine cleaning of polished travertine using a cleaner and protector:

STONETECH® Revitalizer® Cleaner and Protector (Concentrate)

Read entire label before using. Use only as directed. Be sure all surfaces to be cleaned are swept or vacuumed to remove loose debris. Keep children and pets out of the area during application and drying.

1. Dilute STONETECH® Revitalizer® Cleaner and Protector (Concentrate) with warm water according to the following mixing chart:

<table>
<thead>
<tr>
<th>Use</th>
<th>STONETECH® Revitalizer® Cleaner &amp; Protector (Concentrate)</th>
<th>Warm Water</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spray Roll</td>
<td>1 part</td>
<td>1 part</td>
</tr>
<tr>
<td>Light Duty</td>
<td>1 part</td>
<td>4 parts</td>
</tr>
</tbody>
</table>

2. Apply diluted solution with a damp mop, towel, sponge or low pressure sprayer.
3. Rub surface lightly and remove any excess cleaner. No need to rinse.
4. Repeat if necessary for heavily soiled areas.
5. Let area dry completely before using.

For routine cleaning of polished travertine and grout with a cleaner:

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.

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

<table>
<thead>
<tr>
<th>Use</th>
<th>STONETECH Stone &amp; Tile Cleaner (Concentrate)</th>
<th>Warm Water</th>
</tr>
</thead>
<tbody>
<tr>
<td>Light Duty</td>
<td>1 part</td>
<td>64 part</td>
</tr>
<tr>
<td>Heavy Duty</td>
<td>1 part</td>
<td>32 parts</td>
</tr>
</tbody>
</table>

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

STONETECH Stone & Tile Cleaner (Ready-To-Use)

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.

1. Spray or pour directly onto 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 non-abrasive scrubbing pad.
4. Wipe clean with a dry towel.

For a brilliant shine on countertops and vanities:

STONETECH Polish

Read entire label before using. Use only as directed. Always test in a small inconspicuous area to determine if the desired results will be achieved. Make sure surface is clean, dry and free of waxes and coatings.

1. Spray a light coat of STONETECH Polish over the entire surface.
2. Spread evenly with a clean cloth.
3. Buff until there is no visible liquid and a high shine appears.

Note: STONETECH Polish is not intended for floors as it may create a slipping hazard. It is not a restorative process for worn or damaged marble surfaces. Please refer to data sheet DS216.5 for more information.

NEW INSTALLATION PRE-GROUT TREATMENT

Grouting is often easier when the stone is sealed prior to grouting. Light colored or porous polished travertines are susceptible to grout staining and may benefit from sealing prior to grouting.

A simple water test can be performed to identify if the tile is porous. If the travertine darkens after applying water to the stone surface and waiting for 5 minutes, the tile is absorbent and applying a sealer prior to grouting may aid in clean up after grouting. On a polished travertine that does darken with water a single application of sealer is generally sufficient as a pre-grouting treatment.

For a pre-grout sealer for polished travertine:

STONETECH Heavy Duty Sealer

Pre-GROUT SEALER APPLICATION

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. Make sure surface is clean and free of waxes and coatings. STONETECH Heavy Duty Sealer may be applied to damp surfaces one hour after standing water has been removed. Surface temperature should be between 50°F - 80°F (10°C - 26°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. Apply sealer to pre-cured sealer to completely dry on the surface.
3. Liberally apply an even coat of STONETECH Heavy Duty Sealer using a paint, brush or low pressure sprayer.
4. Allow the 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. Thoroughly dry the entire surface with clean absorbent towels.
6. A second coat may be needed for porous, absorbent surfaces. If a second coat is required, it should be applied within 30-40 minutes from the initial application as directed in steps 3-5.
7. Allow sealer to cure for 24 hours prior to grouting.
8. Clean tools used during application with water.

Rustic and Grout (Continued)

For a more information, refer to data sheet DS279.0 for more information.

RESTORATIVE DEEP CLEANING

Stone, tile and grout installations can become heavily soiled over time. Restorative cleaning processes will help return these surfaces to a more acceptable appearance.

The following restorative surface cleaning processes are done in preparation for resurfacing or for specialized surface cleaning circumstances. These cleaning processes should not damage the polished travertine surface, however, these types of heavy duty cleaning may degrade or strip many sealers from the application.

Depending on the type of soiling or staining, select one of the following options:
Polished Travertine — MCI 113 continued

For cleaning grease, oil, dirt, dry soil, or to prepare for rescaling:

STONETECH KleenzAll™ Concentrate

Read entire label before using. Use only as directed. Always test in a small inconspicuous area to determine ease of use and desired results. Be sure all surfaces to be cleaned are sweep or vacuumed to remove loose debris. Avoid skin and eye contact with product. Wear protective eyewear, gloves, long sleeves, and long pants while handling concentrate. Ensure area work is well-ventilated during application and until surface is dry. Keep children and pets out of the area during application and drying.

The following is a restorative surface cleaning process which is done in preparation for rescaling or for specialized surface cleaning circumstances. This process should not damage the stone surface; however, this type of heavy-duty cleaning will degrade or strip sealers from the application.

1. Dilute concentrated STONETECH KleenzAll™ Concentrate with warm water according to the following mixing chart:

<table>
<thead>
<tr>
<th>Use</th>
<th>STONETECH KleenzAll™ Concentrate (Concentrate)</th>
<th>Warm Water</th>
<th>pH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Light Duty</td>
<td>1 part</td>
<td>9 parts</td>
<td>10.7</td>
</tr>
<tr>
<td>Medium Duty</td>
<td>1 part</td>
<td>4 parts</td>
<td>11.1</td>
</tr>
<tr>
<td>Heavy Duty</td>
<td>1 part</td>
<td>2 parts</td>
<td>11.3</td>
</tr>
</tbody>
</table>

2. Apply mixed solution with a mop, clean cloth or low-pressure sprayer. Avoid applying cleaner on unintended surfaces.

3. Lightly scrub with a scrub brush or floor machine as needed.

4. Remove STONETECH KleenzAll using a clean cloth, wet/dry vacuum or damp mop.

5. Rinse area well with clean water. Allow area to dry completely.

6. Some surfaces may require additional cleaning. If so, repeat steps 2–5 above.

7. If appropriate, reseal cleaned area with an appropriate STONETECH sealer (e.g. STONETECH Heavy Duty Sealer).

Refer to data sheet DS215.0 for more information.

Removal of efflorescence, mineral deposits, and calcium based staining:

This type of restorative surface cleaning process is typically performed with an acidic cleaning compound. The use of acidic cleaners will damage or affect the surface appearance of polished travertine. Surface refinishing may be required to remove mineral based deposits or stains from a polished travertine surface. Consulting a stone restoration professional is recommended.

Removal of epoxy or single component grout bases, stripping topical coatings, acrylic finishes or heavy waxes:

STONETECH Heavy Duty Coating Stripper

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 surface is dry. Avoid contacting with surfaces not intended to be treated. Avoid applying in direct sunlight. Should not be used at extreme temperatures. Recommended application temperature range is between 50°F and 90°F (10°C and 32°C).

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 dry on the surface. If the coating stripper starts to dry, add additional product to keep surface wet.

4. 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 the surface. Surface can be wet with water to enable easier removal of coating.

5. 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.

6. Rinse surface well with clean water and pick up rinsed water with a mop or wet/dry vacuum. Allow to dry. Inspect surface for any remaining residue or coating.

7. More than one application may be required to completely remove residues or coatings. Repeat steps 3 through 8 when necessary.

8. Surface traffic may begin 2 hours after removal of coating. Refer to data sheet DS 225.0 for more information.

For spot or small area deep cleaning:

STONETECH DeepKlenz™ Cleaner

Read entire label before using. Use only as directed. Always test in a small inconspicuous area to determine ease of use and desired results. Make sure all surfaces to be cleaned are sweep or vacuumed to remove loose debris. Keep children and pets out of the area during application and drying.

1. Thoroughly wet surface by directly spraying onto soiled area.

2. Allow STONETECH DeepKlenz™ Cleaner to work on the surface for 5-10 minutes. DO NOT allow product to dry on the surface.

3. Lightly scrub with a stiff bristle brush to remove the surface contaminants.

4. Rinse and wipe surface with clean cloth and warm water. Repeat as needed for heavy soiled areas.

5. If appropriate, reseal cleaned area with an appropriate STONETECH sealer (e.g. STONETECH Heavy Duty Sealer).

Refer to data sheet DS111.2 for more information.

For cleaning and removing soap scum:

STONETECH Soap Scum Remover

Read entire label before using. Use only as directed. Always test in a small inconspicuous area to determine ease of use and desired results. Be sure surfaces to be cleaned are sweep or vacuumed to remove loose debris. Avoid skin and eye contact with product. Wear protective eyewear and gloves. Keep children and pets out of the area during application and drying.

1. Spray STONETECH Soap Scum Remover directly on soiled areas. Avoid applying onto unintended surfaces.

2. Clean surface with clean cloth or stiff nylon brush as needed.

3. Rinse area well with clean water.

4. Wipe area dry with clean cloth.

5. Repeat as needed for heavily soiled areas.

Refer to data sheet DS 229.0 for more information.

For cleaning and removing mold and mildew:

STONETECH Mold & Mildew Stain Remover

Read entire label before using. Use only as directed. Always test in a small inconspicuous area to determine ease of use and desired results. Be sure surfaces to be cleaned are sweep or vacuumed to remove loose debris. Avoid skin and eye contact with product. Wear protective eyewear and gloves. Keep children and pets out of the area during application and drying. Do not mix this product with other household cleaners or metals.

4. Application time will vary depending on type of coating being removed. Approximate application times are as follows:

<table>
<thead>
<tr>
<th>Coating Type</th>
<th>Application Dwell Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sealer, wax or varnish</td>
<td>30 – 60 minutes</td>
</tr>
<tr>
<td>Polyurethane or acrylic</td>
<td>1 to 2 hours</td>
</tr>
<tr>
<td>Epoxy Granite</td>
<td>1 to 2 hours</td>
</tr>
</tbody>
</table>

5. Do not let STONETECH Heavy Duty Coating Stripper dry on the surface. If the coating stripper 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 the surface. 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 and pick up rinsed water with a mop or wet/dry vacuum. Allow to dry. Inspect surface for any remaining residue or coating.

9. More than one application may be required to completely remove residues or coatings. Repeat steps 3 through 8 when necessary.

10. Surface traffic may begin 2 hours after removal of coating. Refer to data sheet DS 225.0 for more information.

For oil stain removal:

STONETECH Oil Stain Remover

Read entire label before using. Use only as directed. Always test in a small inconspicuous area to determine that the desired results will be achieved. Make sure surface is clean, dry, and free of waxes and coatings. Ensure that area is well-ventilated and keep children and pets away from the area during application and until surface is clean and dry.

1. Using a plastic or wood spatula, stir thoroughly to mix the paste.

2. Apply a 1/4” (6 mm) thick layer of paste to the stain. Ensure that the paste extends at least 1” – 2” (25 – 50 mm) beyond the edge of the stain.

3. Do not cover.

4. Allow 48 – 72 hours for STONETECH Oil Stain Remover to dry.

5. Using a plastic spatula, remove the dried STONETECH Oil Stain Remover and discard.

6. Allow solvent to completely dry from the stone.

7. If stain is not completely gone after drying, repeat process.

8. Clean up residue and tools with mineral spirits.

9. Once the surface is dry, reseal the cleaned area with an appropriate STONETECH sealer (e.g. STONETECH Heavy Duty Sealer).

Refer to data sheet DS 214.0 for more information.

Mechanical Refinishing for Polished Travertine

STONETECH Honing & Polishing Powders

This refinishing process is designed for scratch, etch and wear pattern removal and will restore the stone’s surface to a uniform finish and shine. Depending on the severity of the wear or damage to the stone use, in succession, one or more of the grit levels (180/280/400/600/800) of the STONETECH Honing Powders bring the stone up to an even, uniform 950 grit finish. After the honing steps, follow with the STONETECH Polishing Powder to create the final shine. Refinishing requires using a handheld low speed sanding/polisher or an orbital sander for countertops, walls or floor edges. For floors use a weighted 175 rpm floor machine (130 – 140 lb [59 – 63.6 kg]). Hand machines and floor machines need to be fitted with a natural hair pad or a white nylon polishing pad.

Read entire label before using. Use only as directed. Always test in a small inconspicuous area to determine ease of application and desired results. Allow new grit installations to cure for at least 72 hours prior to application. Make sure surface is clean, dry and free of waxes and coatings.

For refinishing to polished finish:

1. If surface is heavily soiled, pre-clean with STONETECH KleenzAll Cleaner if needed.

2. Mask off and protect any hearthboards or adjacent areas to avoid splashing and overspray onto surfaces not intended to be treated.

3. Apply approximately 1/2 cup (118 mL) STONETECH Honing Powder plus 1 cup (237 mL) clean water directly onto the stone surface.

4. Refinish using a hand orbital sander or weighted floor machine at 130-140 Ib (59 – 63.6 kg). Maintain a steady feed rate of approximately 150 cycles per minute. For floors use a weighted 175 rpm floor machine (130 – 140 Ib [59 – 63.6 kg]). Hand machines and floor machines need to be fitted with a natural hair pad or a white nylon polishing pad.

5. Clean up residue and tools with mineral spirits.

6. Repeat as needed to achieve the desired level of shine.
Polished Travertine – MCI 113 continued

8. Rinse well and use a wet vacuum or hot water extraction unit to remove all remaining compound.
9. Clean equipment with water.
10. Reseal polished area with an appropriate STONETECH sealer (e.g. STONETECH Heavy Duty Sealer).

Refer to data sheet DS 225.5 and DS224.5 for more information.

SEALING AND PROTECTING:

Polished travertine is susceptible to staining from both oil and water-based materials and sealing will help protect the stone’s appearance. The cement grouts used in travertine tile installations will also be more stain resistant with the application of a penetrating sealer.

For natural looking protection for polished travertine and grout installations:

STONETECH® Heavy Duty Sealer

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 - 80°F (10°C - 26°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 of STONETECH® Heavy Duty Sealer 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. Thoroughly wipe dry the entire surface with clean absorbent towels.
6. A second coat may be needed for porous, absorbent surfaces. If a second coat is required, it should be applied within 30-40 minutes from the initial application as directed in steps 3-5.
7. Should a sealer residue appear, rewet 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 is achieved.
9. Clean tools used during application with water.

Refer to data sheet DS279.0 for more information.
UNPOLISHED, HONED AND TEXTURED TRAVERTINE

NOTE: For all recommended products: Read the entire product 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. Avoid skin and eye contact. Always wear appropriate safety equipment during product use.

REGULAR MAINTENANCE AND CARE
Routine, daily maintenance of these travertine surfaces will involve keeping dirt, dust and other soilings from building up. Exterior installations will often require more intensive maintenance and care processes. Spills, food and other potential staining materials need to be cleaned up in a reasonable period of time. Regular sweeping and light damp mopping is advisable. For larger installations these processes remain the same; only the scale will change.

Highly alkaline, acidic, ammonia based, abrasive cleaners, or bleach may damage some stone, tile and/or grout surfaces and may also degrade any applied sealer, adversely affecting stain repellency. The use of a gentle cleaner specifically formulated for stone, tile and grout maintenance is the best assurance of not harming the slate, grout or degrading any applied sealers.

Maintenance Cleaning
Both routine damp mopping and monthly scrub cleanings of these travertine surfaces can be accomplished using sponges and brushes, sprays, mops, and traditional mop and bucket. A wet/dry vacuum is helpful for cleaning big floors. For commercial applications a swing machine fitted with a brush or pad or an auto-scrubber will help maintain larger installations. STONETECH has two maintenance cleaners suitable for unpolished, honed or textured travertine surfaces.

For routine cleaning of unpolished, honed or textured travertine using a cleaner and protector:

STONETECH Revitalizer® Cleaner and Protector
Read entire label before using. Use only as directed. Be sure all surfaces to be cleaned are swept or vacuumed to remove loose debris. Keep children and pets out of the area during application and drying.

1. Dilute STONETECH Revitalizer® Cleaner and Protector (Concentrate) with warm water according to the following mixing chart.

<table>
<thead>
<tr>
<th>Use</th>
<th>STONETECH Revitalizer® Cleaner and Protector (Concentrate)</th>
<th>Warm Water</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spray Refill</td>
<td>1 part</td>
<td>3 parts</td>
</tr>
<tr>
<td>Light Duty</td>
<td>1 part</td>
<td>4 parts</td>
</tr>
</tbody>
</table>

2. Apply diluted solution with a damp mop, towel, sponge or low pressure sprayer.

3. Rub surface lightly and remove any excess cleaner. No need to rinse.

4. Wipe clean with a dry towel. Lint free cloth or sponge. No need to rinse.

5. Let area dry completely before using.

STONETECH Stone & Tile Cleaner (Ready-To-Use)
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.

1. Spray or pour directly onto 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 non-abrasive scrubbing pad.

4. Wipe clean with a dry towel. Refer to data sheet DS211.0 for more information.

For cleaning grease, oil, dirt, dry soil, or to prepare for resealing:

NEW INSTALLATION PRE-GROUT TREATMENT

Grooving cleanup is often easier when the stone is sealed prior to grouting. Unpolished, honed or textured travertine can be porous and susceptible to stain cleaning and may benefit from sealing prior to grouting.

A simple water test can be performed to identify if the stone is porous. If the travertine darkens after applying water to the stone surface and waiting for 5 minutes, the stone is absorbent and applying a sealer prior to grouting may aid in clean up after grouting. For most stones that darken when wet a single application of sealer is generally sufficient as a pre-grouting treatment.

For a pre-grout sealer for unpolished, honed or textured travertine:

STONETECH Heavy Duty Sealer

Pre-Groaut Sealer Application
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. Make sure surface is clean and free of grease and coatings. STONETECH Heavy Duty Sealer may be applied to damp surfaces one hour after standing water has been removed. Surface temperature should be between 50°F - 80°F (10°C - 26°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 of STONETECH Heavy Duty Sealer using a paint pad, roller, brush or low-pressure sprayer.

4. Allow the 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. Thoroughly wipe dry the entire surface with clean absorbent towels.

6. A second coat may be needed for porous, absorbent surfaces. If a second coat is required, it should be applied within 30-40 minutes from the initial application as directed in steps 3-5.

7. Allow sealer to cure for 24 hours prior to grouting.

8. Clean tools used during application with water. Refer to data sheet DS279.0 for more information.

RESTORATIVE DEEP CLEANING

Stone, tile and grout installations can become heavily soiled over time. Restorative cleaning processes will help return these surfaces to a more acceptable appearance.

The following restorative surface cleaning processes are done in preparation for resealing or for specialized surface cleaning circumstances. These cleaning processes should not damage the surface of the unpolished, honed or textured travertine, however these types of heavy duty cleaning may degrade or strip many sealers from the application. Depending on the type of cleaning or staining, select one of the following options:

For cleaning grease, oil, dirt, dry soil, or to prepare for resealing:

STONETECH KlenzALL™ Cleaner (Concentrate)
Read entire label before using. Use only as directed. Always test in a small inconspicuous area to determine ease of use and desired results. Be sure all 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. Unpolished, honed or textured travertine can be porous and susceptible to stain cleaning and may benefit from sealing prior to grouting.

1. Dilute STONETECH KlenzALL™ Cleaner with warm water according to the following mixing chart.

<table>
<thead>
<tr>
<th>Use</th>
<th>STONETECH KlenzALL™ Cleaner (Concentrate)</th>
<th>Warm Water</th>
</tr>
</thead>
<tbody>
<tr>
<td>Light Duty</td>
<td>1 part</td>
<td>64 parts</td>
</tr>
<tr>
<td>Heavy Duty</td>
<td>1 part</td>
<td>32 parts</td>
</tr>
</tbody>
</table>

2. Apply mixed solution with a damp mop, sponge or appropriate professional cleaning equipment.

3. Clean entire area with mop, changing cleaning solution often to ensure that soil is not redeposited. Wipe or rinse cleaned area.

4. Let area dry completely before using.

5. Thoroughly wipe dry the entire surface with clean absorbent towels.

6. A second coat may be needed for porous, absorbent surfaces. If a second coat is required, it should be applied within 30-40 minutes from the initial application as directed in steps 3-5.

7. Allow sealer to cure for 24 hours prior to grouting.

8. Clean tools used during application with water. Refer to data sheet DS279.0 for more information.

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Maintenance & Care Instructions and Product Data Sheets are subject to change without notice. For latest revision, check our website at www.laticrete.com

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2. Apply mixed solution with a mop, clean cloth or low-pressure sprayer. Avoid applying cleaner on uncleaned surfaces.

3. Lightly scrub with a scrub brush or floor machine, as needed.

4. Remove STONETECH® KlenzAll™ Cleaner using a clean cloth, wet/dry vacuum or damp mop.

5. Rinse area well with clean water. Allow area to dry completely.

6. Some surfaces may require additional cleaning. If so, repeat steps 2 – 5 above.

7. Reseal cleaned area with an appropriate STONETECH sealer (e.g. STONETECH BulletProof Sealer).

Refer to data sheet DS215.0 for more information.

Removal of efflorescence, mineral deposits, and calcium-based staining:

This type of reactive surface cleaning process is typically performed with an acidic cleaning compound. The use of acidic cleaners will damage or affect the surface appearance of travertine surfaces. Surface refinishing may be required to remove mineral-based deposits or stains from the travertine surface. Consulting a stone restoration professional is recommended.

Removal of epoxy or single component grout hazes, striping topical coatings, acrylic finishes or heavy oxides:

STONECHEM® Heavy Duty Coating Stripper

Read entire label before using. Use only as directed. Always test in a small inconspicuous area to determine ease of use 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 surface use resumes. Avoid contact with surfaces not intended to be treated. Apply stripping in direct sunlight. Should not be used in extreme temperatures. Recommended application temperature range is between 50°F – 90°F (10°C – 32°C).

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 uninstalled surfaces with a wet cloth to prevent potential damage to these surfaces.

4. Application time will vary depending on type of coating being removed. Approximate application times are as follows:

<table>
<thead>
<tr>
<th>Coating Type</th>
<th>Application Dwell Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sealer, wax or varnish</td>
<td>30 – 60 minutes</td>
</tr>
<tr>
<td>Polyurethane or acrylic</td>
<td>1 to 2 hours</td>
</tr>
<tr>
<td>Epoxy Glaze Haze</td>
<td>1 to 2 hours</td>
</tr>
</tbody>
</table>

5. Do not let STONETECH Heavy Duty Coating Stripper dry on the surface. If STONETECH Heavy Duty Coating Stripper 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 pad or pad will not scratch the surface. Surface can be wet with water to enable easier removal of coating.

7. Wipe up residue STONETECH Heavy Duty Coating Stripper with clean, dry cloth or wet mop. A wet/dry vacuum can be used for larger areas.

8. Rinse surface well with clean water.

9. More than one application may be required, repeat steps 3 – 8 when necessary.

10. Surface traffic may begin 2 hours after removal of coating. Refer to data sheet DS225.0 for more information.
Unpolished, Honed and Textured Travertine – MCI 114 continued

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 of STONETECH® Heavy Duty Sealer using a paint pad, roller, brush or low-pressure sprayer.
4. Allow sealer to penetrate the surface for 15–20 minutes. During this time, keep the surface wet with sealer, adding more sealer as needed. DO NOT ALLOW SEALER TO DRY ON THE SURFACE.
5. Thoroughly wipe dry the entire surface with clean, absorbent towels.
6. A second coat may be needed for porous, absorbent surfaces. If a second coat is required, it should be applied within 30–40 minutes from the initial application as directed in steps 2–4.
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. Full cure is achieved in 24–72 hours. Use of the treated surface may resume in 4–6 hours. If use of the surface must resume sooner, cover the treated surface with red rosin paper to protect it until full cure is achieved.
9. Clean tools used during application with water.

For a natural look water repellent on exterior surfaces: STONETECH® Heavy Duty Exterior Sealer

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, thoroughly dry and free of waxes and coatings. Surface temperature should be between 50°F – 80°F (10°C - 26°C). Keep children and pets out of the area until surface is cured.

1. Mask off any surfaces not intended to be treated.
2. Liberally apply an even coat of STONETECH® Heavy Duty Exterior Sealer with a paint pad, brush, roller or solvent-resistant, low-pressure sprayer. Do not use power sprayers. Do not test this before using. See method of application.
3. Allow sealer to penetrate the surface for 5–15 minutes; denser material may require more time for sealer to penetrate. During this time, distribute excess sealer over entire area to ensure even penetration. DO NOT ALLOW EXCESS SEALER TO DRY ON THE SURFACE.
4. Thoroughly wipe dry the entire surface with a clean dry cloth to completely remove all excess sealer from the surface.
5. A second coat may be needed for porous, absorbent surfaces and should be applied one hour after initial application as directed in steps 2–4.
6. If sealer was not completely wiped off and a residue appears, wipe entire surface with a towel dampened with sealer. Use a white nylon pad to loosen residue and follow with a clean, white absorbent towel to remove.
7. Full cure is achieved in 24–72 hours. Surface use may resume in 4–6 hours.
8. Clean up promptly after job is complete, since rags and equipment that are wet with product may be combustible. Clean equipment with mild soap and water and equipment as dry as a wet-surfaced area to prevent fire hazards.

Refer to data sheet DS221.7 for more information.

For a color enhancing impregnating sealer for interior and exterior surfaces: STONETECH® Enhancer Sealer (Solvant-based)

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 at least 72 hours prior to application. Do so on a surface clean, thoroughly dry and free of waxes and coatings. Surface temperature should be between 50°F – 80°F (10°C - 26°C). Keep children and pets out of the area until surface is cured.

1. Shake well before using.
2. Apply STONETECH® Enhancer Sealer evenly and liberally using a paint pad, low-pressure chemically-resistant sprayer, roller or brush. Avoid applying sealer on unsealed surfaces.
3. Allow sealer to penetrate surface for 15–50 minutes; denser material may require maximum time to penetrate surface. Spread excess sealer over entire area for even penetration.
4. Following penetration time, completely wipe surface dry with a clean dry towel. DO NOT ALLOW EXCESS SEALER TO DRY ON THE SURFACE.
5. A second coat may be needed for porous, absorbent surfaces or if a darker appearance is required. Apply second coat 1 hour after start of initial application following directions in steps 1–4.
6. Full cure is achieved after 24–72 hours. Surface traffic may begin in 6–8 hours. If needed sooner, cover the floor with red rosin paper to protect it until the recommended time periods have passed.
7. Clean tools used during application with water.

Refer to data sheet DS217.5 for more information.

For a color enhancing impregnating sealer for interior and exterior surfaces: STONETECH® Enhancer Pro™ Sealer (Solvent-based)

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, free of waxes, coatings, and previous sealers, and is dry for 24–72 hours. Surface temperature should be between 50°F – 80°F (10°C - 26°C). Ensure that the area is well-ventilated during application and until treated surface is dry. Keep children and pets out of the area until treated surface is dry.

1. Mask off any surfaces not intended to be treated.
2. Liberally apply an even coat of STONETECH® Salt Water Resistant Sealer with a natural bristle paint brush, paint roller, or paint pad. Do not apply product with a sprayer. Avoid puddling of product during application.
3. Allow 30–45 minutes between coats or until the surface is dry.
4. Surface traffic may begin 12 hours after final application; keep installation dry for a minimum of 12 hours; full cure is achieved in 24–48 hours.
5. Keep surface clean and dry as fresh surfaces may become slippery when wet.
6. Clean tools used during application immediately with water.

Refer to data sheet DS219.5 for more information.

STONETECH® Semi Gloss Finishing Sealer

Read entire label before using. Use only as directed. Always test in a small inconspicuous area to determine appropriate application method, achievement of desired results, and to ensure good adhesion. Surface must be thoroughly clean, dry, and free of any sealers or coatings before application. Application to a dirty or dusty surface will affect adhesion and appearance. Avoid applying in direct sunlight; surface temperature should be 50°F – 80°F (10°C - 26°C). STONETECH® High Gloss Finishing Sealer should not be applied to a wet or moist surface. Avoid applying onto surfaces not intended for treatment. For new installations with grout, sealer can be applied as soon as 72 hours after grouting. Fresh concrete slabs require a minimum of 28 days to dry before applying the sealer. Keep children and pets out of the area until treated surface is dry.

1. SHAKE WELL BEFORE USING. Do not dilute before applying.
2. Liberally apply 1–3 even coats of STONETECH® Semi Gloss Finishing Sealer with a natural bristle paint brush, paint roller, low pressure sprayer, or pneumatic garden sprayer. Avoid puddling of product during application.
3. Allow 30–45 minutes between coats or until the surface is dry.
4. Surface traffic may begin 12 hours after final application; keep installation dry for a minimum of 12 hours; full cure is achieved in 24–48 hours.
5. Keep surface clean and dry as fresh surfaces may become slippery when wet.
6. Clean tools used during application immediately with water.

Refer to data sheet DS217.5 for more information.

STONETECH® Salt Water Resistant Sealer

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, thoroughly dry and free of waxes and coatings. Surface temperature should be between 50°F – 80°F (10°C - 26°C). Keep children and pets out of the area until treated surface is dry.

1. Mask off any surfaces not intended to be treated.
2. Liberally apply an even coat of STONETECH® Salt Water Resistant Sealer with a natural bristle paint brush or paint roller. Do not apply product with a sprayer. Avoid puddling of product during application.
3. Allow 30–45 minutes between coats or until the surface is dry.
4. Surface traffic may begin 12 hours after final application; keep installation dry for a minimum of 12 hours; full cure is achieved in 24–48 hours.
5. Keep surface clean and dry as fresh surfaces may become slippery when wet.
6. Clean tools used during application immediately with water.

Refer to data sheet DS217.5 for more information.

STONETECH® High Gloss Finishing Sealer

Road entire label before using. Use only as directed. Always test in a small inconspicuous area to determine appropriate application method, achievement of desired results, and to ensure good adhesion. Surface must be thoroughly clean, dry, and free of any sealers or coatings before application. Application to a dirty or dusty surface will affect adhesion and appearance. Avoid applying in direct sunlight; surface temperature should be 50°F – 80°F (10°C - 26°C). STONETECH® High Gloss Finishing Sealer should not be applied to a wet or moist surface. Avoid applying onto surfaces not intended for treatment. For new installations with grout, sealer can be applied as soon as 72 hours after grouting. Fresh concrete slabs require a minimum of 28 days to dry before applying the sealer. Keep children and pets out of the area until treated surface is dry.

1. SHAKE WELL BEFORE USING. Do not dilute before applying.
2. Liberally apply 1–3 even coats of STONETECH® High Gloss Finishing Sealer with a natural bristle paint brush, paint roller, low pressure sprayer, or pneumatic garden sprayer. Avoid puddling of product during application.
3. Allow 30–45 minutes between coats or until the surface is dry.
4. Surface traffic may begin 12 hours after final application; keep installation dry for a minimum of 12 hours; full cure is achieved in 24–48 hours.
5. Keep surface clean and dry as fresh surfaces may become slippery when wet.
6. Clean tools used during application immediately with water.

Refer to data sheet DS217.5 for more information.