

DuPont StoneTech® Professional Stone And Tile Care Resource Guide

2008/2009 EDITION



The miracles of science™

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About This Guide

This book was designed as an everyday resource guide for caring, maintaining, and restoring natural stone, tile and masonry. It contains instructions on how to care for all types of surfaces and detailed technical information on the DuPont™ StoneTech® Professional product line. For material safety data sheets or more information, please visit www.stonetechpro.dupont.com.

Please use this resource guide for handling questions from your customers and as a training tool for your store staff. For additional technical support, please contact us at 1-888-STONEHELP (786-6343).

About DuPont StoneTech® Professional

DuPont™ StoneTech® Professional products feature reliable, safe ingredients that can give today's savvy stone professionals a competitive edge. The power of DuPont science and innovation gives you low-VOC options for advanced stone care. Now you can protect, clean and transform natural stone, tile and masonry—and ensure the quality of your work for years to come.

Polished Marble

CARE INSTRUCTIONS

NOTE: Read 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.

NEW INSTALLATIONS

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

RESTORATIVE CLEANING

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

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

We recommend DuPont™ StoneTech® Professional Heavy Duty Coating Stripper.

1. Sweep or vacuum surface to remove loose debris.
2. Mask off any surfaces not intended to be treated.
3. SHAKE WELL BEFORE USING. Do not dilute before applying.
4. Wear rubber gloves and eye protection during handling and application to prevent skin and eye contact.
5. Liberally apply an even coat over the required area with a paint brush, mop or paint pad. DO NOT APPLY PRODUCT WITH A SPRAYER. Apply a second coat 10 minutes after the first coat to even out the thickness of the application. Immediately remove product from unintended surfaces with a wet cloth to prevent potential damage to those surfaces.
6. Application times will vary depending on type of coating being removed. The following are approximate application times:
 - Sealer, wax and varnish: 30 to 60 minutes
 - Polyurethane and acrylic: 1 to 2 hours
 - Epoxy grout haze: 1 to 2 hours
7. Do not let Heavy Duty Coating Stripper dry on the surface. If product starts to dry, add water to keep surface wet.
8. 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.
9. Wipe up residual coating with clean, dry cloths.
10. Rinse surface well with clean water.

For cleaning grease, oil, direct, dry soil and soap scum:

We recommend DuPont™ StoneTech® Professional KlenzAll™ Cleaner.

1. Make sure surface is clean, dry and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. Specific to this surface, we suggest preparing a solution of KlenzAll™ Cleaner concentrate mixed with warm water as suggested below:

- Medium Duty Usage—mix 1 part of KlenzAll™ Cleaner to 4 parts of water
 - Heavy Duty Usage—mix 1 part of KlenzAll™ Cleaner to 2 parts of water
4. Apply mixed solution with a mop, sponge or sprayer.
 5. Agitate well using a stiff nylon bristle scrub brush, stiff bristle push broom or a weighted floor machine at 130–140 lb, 175 rpm fitted with a scrub brush attachment.
 6. Remove solution using a sponge, wet/dry vacuum or damp mop. A hard surface extraction wand and portable or truck mounted extraction machine may be used.
 7. Rinse area well with clean water.
 8. Repeat the rinsing and wet vacuum process to ensure that all dirt, soil and cleaner residue have been removed.

To remove deep or stubborn oil stains

not completely removed by KlenzAll™ Cleaner, allow the surface to dry and use DuPont™ StoneTech® Professional Oil Stain Remover.

1. Apply a 1/4" thick layer of paste to the stain. Ensure that the paste extends at least 1–2" beyond the edge of the stain.
2. Allow 48–72 hours for paste to completely dry to a powder.
3. Remove powder and discard.
4. Allow solvent to completely dry from the stone.
5. If stain is not completely gone after drying, repeat process.
6. Clean up residue and tools with mineral spirits.

MECHANICAL REFINISHING

This is for scratch, etch and wear pattern removal and to restore the surface to an even finish. Depending on the severity of the damage to the stone and/or the desired surface appearance, we recommend DuPont™ StoneTech® Professional Honing Powders (available in 180, 280, 400, 600 and 800 grit), Polishing Powder and/or Shining Powder as appropriate.

For refinishing to a honed finish:

DuPont™ StoneTech® Professional Honing Powders.

1. Make sure surface is clean, dry and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. If you are using a variety of abrasive grits, ensure that the surface is well rinsed and a new pad is used for each changeover.
4. Apply approximately 1/2 cup Honing Powder plus 1 cup clean water to stone surface.
5. Refinish using a hand orbital sander or weighted floor machine at 130–140 lb, 175 rpm, fitted with a natural hair pad.

6. Keep compound wet while refinishing with plenty of water. Add Honing Powder as needed.
7. Refinish area until the desired level of hone has been achieved.
8. Rinse well and use a wet vacuum or hot water extraction unit to remove all remaining compound.
9. Clean equipment with water.

For refinishing to a polish:

Use successively higher grits of Honing Powder to close the face of the stone. Follow with DuPont™ StoneTech® Professional Polishing Powder as applicable.

1. Make sure surface is clean, dry and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. If using Polishing Powder following the use of Honing Powder products, ensure that the surface is well rinsed and a new pad is used.
4. Apply approximately 1/2 cup Polishing Powder plus 1 cup clean water to stone surface.
5. Refinish using a hand orbital sander or weighted floor machine at 130–140 lb, 175 rpm, fitted with a natural hair pad.
6. Keep compound wet while refinishing with plenty of water. Add Polishing Powder as needed.
7. Refinish area until the desired level of hone has been achieved.
8. Rinse well and use a wet vacuum or hot water extraction unit to remove all remaining compound.
9. Clean equipment with water.
10. For a highly polished finish follow with DuPont™ StoneTech® Professional Shining Powder as applicable. See *Maintenance Polishing*.

SEALING AND 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 sealer suggestions are for impregnating the stone and will allow the stone to breathe. Allow new installations to cure for a minimum of 72 hours prior to applying sealer.

For a natural looking protector on interior and exterior surfaces:

We recommend two products:

- DuPont™ StoneTech® Professional Heavy Duty Sealer, which offers heavy duty protection against oil- and water-based stains in a water-based formula.
- DuPont™ StoneTech® Professional Sealer, which offers standard protection against oil- and water-based stains in a water-based formula.

continued

MARBLE

GRANITE

LIMESTONE

TRAVERTINE

SLATE

SANDSTONE
AND
FLAGSTONETERRA COTTA
AND CLAY
PRODUCTSCONCRETE
AND
MASONRYCERAMIC AND
PORCELAIN
TILE

OTHER

- | | |
|-------------------------------|---|
| MARBLE | <ol style="list-style-type: none"> 1. Make sure surface is clean, and free of waxes and coatings. 2. Mask off any surfaces not intended to be treated. 3. Sealer may be applied to damp surfaces one hour after standing water has been removed. 4. Liberally apply an even coat using a paint pad, roller or brush. Do not apply product with sprayer. 5. Allow sealer to penetrate the surface for 15–30 minutes. During this time, distribute sealer over entire area to ensure even penetration. Remove excess sealer by wiping entire surface thoroughly with clean, dry towels. 6. A second coat may be needed for porous, absorbent surfaces and should be applied 30–40 minutes after initial application as directed in steps 4–5. 7. 15–30 minutes after final application, wipe entire surface with clean dry towels to remove any excess sealer. To remove residue, reapply a thin coat of sealer, allow to dwell for 2–3 minutes, agitate with a white nylon pad and dry thoroughly with clean, dry towels. |
| GRANITE | |
| LIMESTONE | |
| TRAVERTINE | |
| SLATE | |
| SANDSTONE AND FLAGSTONE | |
| TERRA COTTA AND CLAY PRODUCTS | |
| CONCRETE AND MASONRY | |
| CERAMIC AND PORCELAIN TILE | |
| OTHER | |
6. A second coat may be needed for porous, absorbent surfaces and should be applied one hour after initial application as directed in steps 3–5.
 7. If sealer was not completely wiped off and a residue appears, wipe entire surface with a towel dampened with sealer. Use a white nylon 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. Clean up promptly after job is complete, since rags and equipment that are wet with product may be combustible. Clean equipment with mineral spirits and allow equipment and rags to dry in a well-ventilated area out of reach of children and pets. After rags are dry, dispose of in accordance with local waste disposal regulations

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:

We recommend DuPont™ StoneTech® Professional Stone & Tile Cleaner.

1. Mix 2 ounces of Stone & Tile Cleaner concentrate in 1 gallon of warm or hot water. (Note: One gallon of concentrate makes 64 gallons of cleaning solution.)
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 re-deposited. Wipe or rinse cleaned area.
4. Let area dry completely before using.

You may also use DuPont™ StoneTech® Professional Stone & Tile Cleaner in the ready-to-use spray bottle or wipes.

MAINTENANCE POLISHING

To maintain the shine and beauty of polished marble on a routine basis:

We recommend DuPont™ StoneTech® Professional Shining Powder on a semi-annual basis or as needed.

1. Make sure surface is clean, dry and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. If using Shining Powder following the use of Polishing Powder products, ensure that the surfaces is well rinsed and a new pad is used.
4. Apply approximately 1/2 cup Polishing Powder plus 1 cup clean water to stone surface.
5. Refinish using a hand orbital sander or weighted floor machine at 130–140 lb, 175 rpm, fitted with a natural hair pad.
6. Keep compound wet while refinishing with plenty of water. Add Shining Powder as needed.
7. Refinish area until the desired level of hone has been achieved.
8. Rinse well and use a wet vacuum or hot water extraction unit to remove all remaining compound.

For a brilliant shine on countertops, vanities and vertical surfaces:

We recommend DuPont™ StoneTech® Professional Polish. Polish will work best on stone previously sealed with a DuPont™ StoneTech® Professional sealer.

1. On a cleaned surface, spray a light coat of Polish over the entire surface.
2. Spread the polish evenly with a clean, white terry cloth towel.
3. Buff off polish.
4. Continue buffing until there is no visible polish left and high shine appears.

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K-20525 (08/08)

Unpolished, Honed and Textured Marble

CARE INSTRUCTIONS

NOTE: Read 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.

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. Ensure that surface temperature of the stone is between 50–80°F.
3. Apply a single coat of DuPont™ StoneTech® Professional Grout Release using a paint pad, 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.

RESTORATIVE CLEANING

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

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

We recommend DuPont™ StoneTech® Professional Heavy Duty Coating Stripper.

1. Sweep or vacuum surface to remove loose debris.
2. Mask off any surfaces not intended to be treated.
3. SHAKE WELL BEFORE USING. Do not dilute before applying.
4. Wear rubber gloves and eye protection during handling and application to prevent skin and eye contact.
5. Liberally apply an even coat over the required area with a paint brush, mop or paint pad. DO NOT APPLY PRODUCT WITH A SPRAYER. Apply a second coat 10 minutes after the first coat to even out the thickness of the application. Immediately remove product from unintended surfaces with a wet cloth to prevent potential damage to those surfaces.
6. Application times will vary depending on type of coating being removed. The following are approximate application times:
 - Sealer, wax and varnish: 30 to 60 minutes
 - Polyurethane and acrylic: 1 to 2 hours
 - Epoxy grout haze: 1 to 2 hours
7. Do not let Heavy Duty Coating Stripper dry on the surface. If product starts to dry, add water to keep surface wet.

8. 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.
9. Wipe up residual coating with clean, dry cloths.
10. Rinse surface well with clean water.

For cleaning grease, oil, direct, dry soil and soap scum:

We recommend DuPont™ StoneTech® Professional KlenzAll™ Cleaner.

1. Make sure surface is clean, dry and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. Specific to this surface, we suggest preparing a solution of KlenzAll™ Cleaner concentrate mixed with warm water as suggested below:
 - Medium Duty Usage—mix 1 part of KlenzAll™ Cleaner to 4 parts of water
 - Heavy Duty Usage—mix 1 part of KlenzAll™ Cleaner to 2 parts of water
4. Apply mixed solution with a mop, sponge or sprayer.
5. Agitate well using a stiff nylon bristle scrub brush, stiff bristle push broom or a weighted floor machine at 130–140 lb, 175 rpm fitted with a scrub brush attachment.
6. Remove solution using a sponge, wet/dry vacuum or damp mop. A hard surface extraction wand and portable or truck mounted extraction machine may be used.
7. Rinse area well with clean water.
8. Repeat the rinsing and wet vacuum process to ensure that all dirt, soil and cleaner residue have been removed.

To remove deep or stubborn oil stains

not completely removed by KlenzAll™ Cleaner, allow the surface to dry and use DuPont™ StoneTech® Professional Oil Stain Remover.

1. Apply a 1/4" thick layer of paste to the stain. Ensure that the paste extends at least 1–2" beyond the edge of the stain.
2. Allow 48–72 hours for paste to completely dry to a powder.
3. Remove powder and discard.
4. Allow solvent to completely dry from the stone.
5. If stain is not completely gone after drying, repeat process.
6. Clean up residue and tools with mineral spirits.

MECHANICAL REFINISHING

This is for scratch, etch and wear pattern removal and to restore the surface to an even finish. Depending on the severity of the damage to the stone and/or the desired surface appearance, we recommend DuPont™ StoneTech® Professional Honing Powders (available in 180, 280, 400, 600 and 800 grit).

For refinishing to a honed finish:

DuPont™ StoneTech® Professional Honing Powders.

1. Make sure surface is clean, dry and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. If you are using a variety of abrasive grits, ensure that the surface is well rinsed and a new pad is used for each changeover.
4. Apply approximately 1/2 cup Honing Powder plus 1 cup clean water to stone surface.
5. Refinish using a hand orbital sander or weighted floor machine at 130–140 lb, 175 rpm, fitted with a natural hair pad.
6. Keep compound wet while refinishing with plenty of water. Add Honing Powder as needed.
7. Refinish area until the desired level of hone has been achieved.
8. Rinse well and use a wet vacuum or hot water extraction unit to remove all remaining compound.
9. Clean equipment with water.

SEALING AND 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 sealer suggestions are for impregnating the stone and will allow the stone to breathe. Allow new installations to cure for a minimum of 72 hours prior to applying sealer.

For a natural looking protector on interior and exterior surfaces:

We recommend three products:

- DuPont™ StoneTech® Professional BulletProof® Sealer, which offers maximum protection against oil- and water-based stains in a water-based formula.
 - DuPont™ StoneTech® Professional Heavy Duty Sealer, which offers heavy duty protection against oil- and water-based stains in a water-based formula.
 - DuPont™ StoneTech® Professional Sealer, which offers standard protection against oil- and water-based stains in a water-based formula.
1. Make sure surface is clean, and free of waxes and coatings.
 2. Mask off any surfaces not intended to be treated.
 3. Sealer may be applied to damp surfaces one hour after standing water has been removed.
 4. Liberally apply an even coat using a paint pad, roller or brush. Do not apply product with sprayer.
 5. Allow sealer to penetrate the surface for 15–30 minutes. During this time, distribute sealer over entire area to ensure even penetration. Remove excess sealer by wiping entire surface thoroughly with clean, dry towels.

continued

MARBLE

GRANITE

LIMESTONE

TRAVERTINE

SLATE

SANDSTONE
AND
FLAGSTONETERRA COTTA
AND CLAY
PRODUCTSCONCRETE
AND
MASONRYCERAMIC AND
PORCELAIN
TILE

OTHER

6. A second coat may be needed for porous, absorbent surfaces and should be applied 30–40 minutes after initial application as directed in steps 4–5.
7. 15–30 minutes after final application, wipe entire surface with clean dry towels to remove any excess sealer. To remove residue, reapply a thin coat of sealer, allow to dwell for 2–3 minutes, agitate with a white nylon pad and dry thoroughly with clean, dry towels.

For natural looking protector on exterior surfaces:

We recommend DuPont™ StoneTech® Professional Heavy Duty Exterior Sealer, which offers heavy duty protection against water-based stains and is specially designed for exterior areas such as facades, cladding, pool decks, parking areas and driveways; weather resistant.

1. Make sure surface is clean, and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. Liberally apply an even coat with a paint pad, paintbrush, paint roller or solvent-resistant, low-pressure sprayer. Do not thin before using.
4. 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.
5. Thoroughly wipe the entire surface with a clean dry cloth to completely remove all excess sealer from the surface. **DO NOT ALLOW EXCESS SEALER TO DRY 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 3–5.
7. If sealer was not completely wiped off and a residue appears, wipe entire surface with a towel dampened with sealer. Use a white nylon 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. Clean up promptly after job is complete, since rags and equipment that are wet with product may be combustible. Clean equipment with mineral spirits and allow equipment and rags to dry in a well-ventilated area out of reach of children and pets. After rags are dry, dispose of in accordance with local waste disposal regulations.

For a color enhancing, impregnating protector:

We recommend two products:

- DuPont™ StoneTech® Professional Enhancer, easy-to-use, water-based economical protection against oil- and water-based stains. Enriches the color of natural stone. For interior surfaces.
1. Apply product evenly and liberally using a paint pad, low-pressure chemical-resistant sprayer, roller or brush. Avoid applying product on unintended surfaces.
 2. Allow product to penetrate surface for 15–30 minutes; denser material may require maximum time for Enhancer to penetrate. Spread excess sealer over entire area for even penetration. Following penetration time, completely wipe

surface dry with a clean dry towel. **DO NOT ALLOW EXCESS ENHANCER TO DRY COMPLETELY ON SURFACE.**

3. A second coat may be needed for porous, absorbent surfaces or if a darker appearance is required. Apply second coat 1 hour after first coat following directions in steps 1–2.
 4. A full cure is achieved after 24–72 hours. Foot 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.
 5. Clean tools used during application with water.
- DuPont™ StoneTech® Professional Enhancer Pro™ Sealer, heavy duty protection against oil- and water-based stains. Enriches the color of natural stone. For interior and exterior surfaces.
1. Ensure surface is clean, dry and free of waxes and coatings.
 2. Mask off any surfaces not intended to be treated.
 3. Surface temperature should be between 50–80°F.
 4. Liberally apply an even coat using a paint pad, roller, brush, or pump-up garden sprayer. Do not use a power sprayer, towel, or sponge for application. Do not thin before using.
 5. Allow sealer to penetrate surface for 15–20 minutes. Denser material may require more time to penetrate. **DO NOT ALLOW EXCESS SEALER TO DRY ON SURFACE.** Failure to remove excess sealer from surface may result in residue that may need to be mechanically removed.
 6. Thoroughly wipe surface with multiple dry cloths to remove all excess sealer.
 7. A second coat may be needed for more absorbent surfaces or if darker appearance is required. Sealer should be applied one hour after initial application, as directed in steps 4–5.
 8. Ensure that the area is well-ventilated during application and until the surface is dry to the touch. Keep children and pets out of the area until foot traffic resumes.

For a color enhancing, topical protector:

We recommend three products:

- DuPont™ StoneTech® Professional High Gloss Finishing Sealer, which offers a wet-look finish and protection against stains in a water-based formula.
 - DuPont™ StoneTech® Professional Semi Gloss Finishing Sealer, which offers a light sheen and protection against stains in a water-based formula.
1. Ensure work area is well-ventilated during application and until surface is dry.
 2. Surface must be thoroughly clean, dry, and free of any sealers or coatings before application.
 3. Liberally apply 2–4 even coats with a natural bristle brush, roller, or paint pad applicator. Do not apply product with a sprayer or sponge. Avoid puddling of liquid during application. Failure to apply a sufficient amount of sealer to the surface may result in an undesirable finish or degradation of the coating. More coats may be applied if desired.
 4. Allow 30–45 minutes between coats or until surface is dry to the touch.
 5. Keep surface clean and dry as finished surfaces may become slippery when wet.

- DuPont™ StoneTech® Professional High Gloss Lacquer, which offers a high gloss and protection against stains in a solvent-based formula. For an easier-to-use, water-based technology we recommend High Gloss Finishing Sealer.

1. Ensure surface is clean, dry and free of waxes and coatings.
2. Allow newly cleaned surface to completely dry prior to applying High Gloss Lacquer.
3. Mask off any surfaces not intended to be treated.
4. Avoid applying in direct sunlight. Apply in air temperatures between 55–80°F and on a cool, dry surface. Use only in a well-ventilated area.
5. While wearing an organic vapor respirator, liberally apply 2–4 even coats with a solvent-resistant natural bristle brush or roller. Failure to apply a sufficient amount of Lacquer to the surface may result in chipping or degradation of the coating. More coats may be applied if desired. Do not thin before using.
6. Allow 1–3 hours between coats or until surface is dry to the touch.
7. After application, do not walk on surface until Lacquer is completely cured. Lacquer will cure in 24–48 hours.
8. Clean up promptly after job is complete, since rags and equipment that are wet with product may be combustible. Clean equipment with mineral spirits and allow equipment and rags to dry in a well-ventilated area out of reach of children and pets. After rags are dry, dispose of in accordance with local waste disposal regulations.

Note: High Gloss Lacquer is not recommended for areas with high moisture intrusion from below the surface, showers, or countertops.

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:

We recommend DuPont™ StoneTech® Professional Stone & Tile Cleaner.

1. Mix 2 ounces of Stone & Tile Cleaner concentrate in 1 gallon of warm or hot water. (Note: One gallon of concentrate makes 64 gallons of cleaning solution.)
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 re-deposited. Wipe or rinse cleaned area.
4. Let area dry completely before using.

You may also use DuPont™ StoneTech® Professional Stone & Tile Cleaner in the ready-to-use spray bottle or wipes.

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Polished Terrazzo and Agglomerate Marble

CARE INSTRUCTIONS

NOTE: Read 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.

NEW INSTALLATIONS

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

RESTORATIVE CLEANING

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

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

We recommend DuPont™ StoneTech® Professional Heavy Duty Coating Stripper.

1. Sweep or vacuum surface to remove loose debris.
2. Mask off any surfaces not intended to be treated.
3. SHAKE WELL BEFORE USING. Do not dilute before applying.
4. Wear rubber gloves and eye protection during handling and application to prevent skin and eye contact.
5. Liberally apply an even coat over the required area with a paint brush, mop or paint pad. DO NOT APPLY PRODUCT WITH A SPRAYER. Apply a second coat 10 minutes after the first coat to even out the thickness of the application. Immediately remove product from unintended surfaces with a wet cloth to prevent potential damage to those surfaces.
6. Application times will vary depending on type of coating being removed. The following are approximate application times:
 - Sealer, wax and varnish: 30 to 60 minutes
 - Polyurethane and acrylic: 1 to 2 hours
 - Epoxy grout haze: 1 to 2 hours
7. Do not let Heavy Duty Coating Stripper dry on the surface. If product starts to dry, add water to keep surface wet.
8. 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.
9. Wipe up residual coating with clean, dry cloths.
10. Rinse surface well with clean water.

For cleaning grease, oil, direct, dry soil and soap scum:

We recommend DuPont™ StoneTech® Professional KlenzAll™ Cleaner.

1. Make sure surface is clean, dry and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.

3. Specific to this surface, we suggest preparing a solution of KlenzAll™ Cleaner concentrate mixed with warm water as suggested below:
 - Medium Duty Usage—mix 1 part of KlenzAll™ Cleaner to 4 parts of water
 - Heavy Duty Usage—mix 1 part of KlenzAll™ Cleaner to 2 parts of water
4. Apply mixed solution with a mop, sponge or sprayer.
5. Agitate well using a stiff nylon bristle scrub brush, stiff bristle push broom or a weighted floor machine at 130–140 lb, 175 rpm fitted with a scrub brush attachment.
6. Remove solution using a sponge, wet/dry vacuum or damp mop. A hard surface extraction wand and portable or truck mounted extraction machine may be used.
7. Rinse area well with clean water.
8. Repeat the rinsing and wet vacuum process to ensure that all dirt, soil and cleaner residue have been moved.

To remove deep or stubborn oil stains

not completely removed by KlenzAll™ Cleaner, allow the surface to dry and use DuPont™ StoneTech® Professional Oil Stain Remover.

1. Apply a 1/4" thick layer of paste to the stain. Ensure that the paste extends at least 1–2" beyond the edge of the stain.
2. Allow 48–72 hours for paste to completely dry to a powder.
3. Remove powder and discard.
4. Allow solvent to completely dry from the stone.
5. If stain is not completely gone after drying, repeat process.
6. Clean up residue and tools with mineral spirits.

MECHANICAL REFINISHING

This is for scratch, etch and wear pattern removal and to restore the surface to an even finish. Depending on the severity of the damage to the stone and/or the desired surface appearance, we recommend DuPont™ StoneTech® Professional Honing Powders (available in 180, 280, 400, 600 and 800 grit), Polishing Powder and/or Shining Powder as appropriate.

For refinishing to a honed finish:

DuPont™ StoneTech® Professional Honing Powders.

1. Make sure surface is clean, dry and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. If you are using a variety of abrasive grits, ensure that the surface is well rinsed and a new pad is used for each changeover.
4. Apply approximately 1/2 cup Honing Powder plus 1 cup clean water to stone surface.

5. Refinish using a hand orbital sander or weighted floor machine at 130–140 lb, 175 rpm, fitted with a natural hair pad.
6. Keep compound wet while refinishing with plenty of water. Add Honing Powder as needed.
7. Refinish area until the desired level of hone has been achieved.
8. Rinse well and use a wet vacuum or hot water extraction unit to remove all remaining compound.
9. Clean equipment with water.

For refinishing to a polish:

Use successively higher grits of Honing Powder to close the face of the stone. Follow with DuPont™ StoneTech® Professional Polishing Powder as applicable.

1. Make sure surface is clean, dry and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. If using Polishing Powder following the use of Honing Powder products, ensure that the surface is well rinsed and a new pad is used.
4. Apply approximately 1/2 cup Polishing Powder plus 1 cup clean water to stone surface.
5. Refinish using a hand orbital sander or weighted floor machine at 130–140 lb, 175 rpm, fitted with a natural hair pad.
6. Keep compound wet while refinishing with plenty of water. Add Polishing Powder as needed.
7. Refinish area until the desired level of hone has been achieved.
8. Rinse well and use a wet vacuum or hot water extraction unit to remove all remaining compound.
9. Clean equipment with water.
10. For a highly polished finish follow with DuPont™ StoneTech® Professional Shining Powder as applicable. See *Maintenance Polishing*.

SEALING AND 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 sealer suggestions are for impregnating the stone and will allow the stone to breathe. Allow new installations to cure for a minimum of 72 hours prior to applying sealer.

For a natural looking protector on interior and exterior surfaces:

We recommend two products:

- DuPont™ StoneTech® Professional Heavy Duty Sealer, which offers heavy duty protection against oil- and water-based stains in a water-based formula.
- DuPont™ StoneTech® Professional Sealer, which offers standard protection against oil- and water-based stains in a water-based formula.

continued

MARBLE

GRANITE

LIMESTONE

TRAVERTINE

SLATE

SANDSTONE
AND
FLAGSTONETERRA COTTA
AND CLAY
PRODUCTSCONCRETE
AND
MASONRYCERAMIC
AND
PORCELAIN
TILE

OTHER

- | |
|-------------------------------|
| MARBLE |
| GRANITE |
| LIMESTONE |
| TRAVERTINE |
| SLATE |
| SANDSTONE AND FLAGSTONE |
| TERRA COTTA AND CLAY PRODUCTS |
| CONCRETE AND MASONRY |
| CERAMIC AND PORCELAIN TILE |
| OTHER |
1. Make sure surface is clean, and free of waxes and coatings.
 2. Mask off any surfaces not intended to be treated.
 3. Sealer may be applied to damp surfaces one hour after standing water has been removed.
 4. Liberally apply an even coat using a paint pad, roller or brush. Do not apply product with sprayer.
 5. Allow sealer to penetrate the surface for 15–30 minutes. During this time, distribute sealer over entire area to ensure even penetration. Remove excess sealer by wiping entire surface thoroughly with clean, dry towels.
 6. A second coat may be needed for porous, absorbent surfaces and should be applied 30–40 minutes after initial application as directed in steps 4–5.
 7. 15–30 minutes after final application, wipe entire surface with clean dry towels to remove any excess sealer. To remove residue, reapply a thin coat of sealer, allow to dwell for 2–3 minutes, agitate with a white nylon pad and dry thoroughly with clean, dry towels.
 6. A second coat may be needed for porous, absorbent surfaces and should be applied one hour after initial application as directed in steps 3–5.
 7. If sealer was not completely wiped off and a residue appears, wipe entire surface with a towel dampened with sealer. Use a white nylon 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. Clean up promptly after job is complete, since rags and equipment that are wet with product may be combustible. Clean equipment with mineral spirits and allow equipment and rags to dry in a well-ventilated area out of reach of children and pets. After rags are dry, dispose of in accordance with local waste disposal regulations

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:

We recommend DuPont™ StoneTech® Professional Stone & Tile Cleaner.

1. Mix 2 ounces of Stone & Tile Cleaner concentrate in 1 gallon of warm or hot water. (Note: One gallon of concentrate makes 64 gallons of cleaning solution.)
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 re-deposited. Wipe or rinse cleaned area.
4. Let area dry completely before using.

You may also use DuPont™ StoneTech® Professional Stone & Tile Cleaner in the ready-to-use spray bottle or wipes.

MAINTENANCE POLISHING

To maintain the shine and beauty of polished marble on a routine basis:

We recommend DuPont™ StoneTech® Professional Shining Powder on a semi-annual basis or as needed.

1. Make sure surface is clean, dry and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. If using Shining Powder following the use of Polishing Powder products, ensure that the surface is well rinsed and a new pad is used.
4. Apply approximately 1/2 cup Polishing Powder plus 1 cup clean water to stone surface.
5. Refinish using a hand orbital sander or weighted floor machine at 130–140 lb, 175 rpm, fitted with a natural hair pad.
6. Keep compound wet while refinishing with plenty of water. Add Shining Powder as needed.
7. Refinish area until the desired level of hone has been achieved.
8. Rinse well and use a wet vacuum or hot water extraction unit to remove all remaining compound.

For a brilliant shine on countertops, vanities and vertical surfaces:

We recommend DuPont™ StoneTech® Professional Polish. Polish will work best on stone previously sealed with a DuPont™ StoneTech® Professional sealer.

1. On a cleaned surface, spray a light coat of Polish over the entire surface.
2. Spread the polish evenly with a clean, white terry cloth towel.
3. Buff off polish.
4. Continue buffing until there is no visible polish left and high shine appears.

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The miracles of science™

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K-20527 (08/08)

Less Absorptive Polished Granite – Homogenous Granite

CARE INSTRUCTIONS

NOTE: Read 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.

NEW INSTALLATIONS

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

RESTORATIVE CLEANING

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

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

We recommend DuPont™ StoneTech® Professional Heavy Duty Coating Stripper.

1. Sweep or vacuum surface to remove loose debris.
2. Mask off any surfaces not intended to be treated.
3. SHAKE WELL BEFORE USING. Do not dilute before applying.
4. Wear rubber gloves and eye protection during handling and application to prevent skin and eye contact.
5. Liberally apply an even coat over the required area with a paint brush, mop or paint pad. DO NOT APPLY PRODUCT WITH A SPRAYER. Apply a second coat 10 minutes after the first coat to even out the thickness of the application. Immediately remove product from unintended surfaces with a wet cloth to prevent potential damage to those surfaces.
6. Application times will vary depending on type of coating being removed. The following are approximate application times:
 - Sealer, wax and varnish: 30 to 60 minutes
 - Polyurethane and acrylic: 1 to 2 hours
 - Epoxy grout haze: 1 to 2 hours
7. Do not let Heavy Duty Coating Stripper dry on the surface. If product starts to dry, add water to keep surface wet.
8. 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.
9. Wipe up residual coating with clean, dry cloths.
10. Rinse surface well with clean water.

For cleaning grease, oil, direct, dry soil and soap scum:

We recommend DuPont™ StoneTech® Professional KlenzAll™ Cleaner.

1. Make sure surface is clean, dry and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.

3. Specific to this surface, we suggest preparing a solution of KlenzAll™ Cleaner concentrate mixed with warm water as suggested below:
 - Medium Duty Usage—mix 1 part of KlenzAll™ Cleaner to 4 parts of water
 - Heavy Duty Usage—mix 1 part of KlenzAll™ Cleaner to 2 parts of water
4. Apply mixed solution with a mop, sponge or sprayer.
5. Agitate well using a stiff nylon bristle scrub brush, stiff bristle push broom or a weighted floor machine at 130–140 lb, 175 rpm fitted with a scrub brush attachment.
6. Remove solution using a sponge, wet/dry vacuum or damp mop. A hard surface extraction wand and portable or truck mounted extraction machine may be used.
7. Rinse area well with clean water.
8. Repeat the rinsing and wet vacuum process to ensure that all dirt, soil and cleaner residue have been moved.

To remove deep or stubborn oil stains

not completely removed by KlenzAll™ Cleaner, allow the surface to dry and use DuPont™ StoneTech® Professional Oil Stain Remover.

1. Apply a 1/4" thick layer of paste to the stain. Ensure that the paste extends at least 1–2" beyond the edge of the stain.
2. Allow 48–72 hours for paste to completely dry to a powder.
3. Remove powder and discard.
4. Allow solvent to completely dry from the stone.
5. If stain is not completely gone after drying, repeat process.
6. Clean up residue and tools with mineral spirits.

For removal of efflorescence, grout haze, salts, mineral deposits and calcium-based stains:

We recommend DuPont™ StoneTech® Professional Restore™ Acidic Cleaner.

1. Make sure surface is clean, dry and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. Specific to this surface, we suggest preparing a solution of Restore™ Acidic Cleaner concentrate mixed with warm water as suggested below:
 - Medium Duty Usage—mix 1 part of Restore™ Acidic Cleaner to 4 parts of water
 - Heavy Duty Usage—mix 1 part of Restore™ Acidic Cleaner to 1 part of water

4. Apply mixed solution with a mop, sponge or sprayer.
5. Agitate well using a stiff nylon bristle scrub brush, stiff bristle push broom or a weighted floor machine at 130–140 lb, 175 rpm fitted with a scrub brush attachment.
6. Remove solution using a sponge, wet/dry vacuum or damp mop. A hard surface extraction wand and portable or truck mounted extraction machine may be used.
7. Rinse area well with clean water.
8. Repeat the rinsing and wet vacuum process to ensure that all dirt, soil and cleaner residue have been removed. Thoroughly rinse all metal surfaces

SEALING AND 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 sealer suggestions are for impregnating the stone and will allow the stone to breathe. Allow new installations to cure for a minimum of 72 hours prior to applying sealer.

For a natural looking protector on interior and exterior surfaces, there are three product recommendations:

- DuPont™ StoneTech® Professional Heavy Duty Sealer, which offers heavy duty protection against oil- and water-based stains in a water-based formula.
 - DuPont™ StoneTech® Professional Sealer, which offers standard protection against oil- and water-based stains in a water-based formula.
1. Make sure surface is clean, and free of waxes and coatings.
 2. Mask off any surfaces not intended to be treated.
 3. Sealer may be applied to damp surfaces one hour after standing water has been removed.
 4. Liberally apply an even coat using a paint pad, roller or brush. Do not apply product with sprayer.
 5. Allow sealer to penetrate the surface for 15–30 minutes. During this time, distribute sealer over entire area to ensure even penetration. Remove excess sealer by wiping entire surface thoroughly with clean, dry towels.
 6. A second coat may be needed for porous, absorbent surfaces and should be applied 30–40 minutes after initial application as directed in steps 4–5.
 7. 15–30 minutes after final application, wipe entire surface with clean dry towels to remove any excess sealer. To remove residue, reapply a thin coat of sealer, allow to dwell for 2–3 minutes, agitate with a white nylon pad and dry thoroughly with clean, dry towels.

MARBLE

GRANITE

LIMESTONE

TRAVERTINE

SLATE

SANDSTONE
AND
FLAGSTONETERRA COTTA
AND CLAY
PRODUCTSCONCRETE
AND
MASONRYCERAMIC AND
PORCELAIN
TILE

OTHER

■ DuPont™ StoneTech® Professional Impregnator Pro® Sealer, which offers heavy-duty protection against most stains. For an easier-to-use product with new advanced technology that produces the same results, we recommend our water-based product line.

1. Make sure surface is clean, dry and free of waxes and coatings.
2. Ensure area is well-ventilated during application and until the surface is dry. Use a respirator if unsure that area is well-ventilated. A NIOSH-approved respirator with a combination HEPA/organic vapor cartridge is recommended. Follow respirator manufacturer's instructions for use.
3. Mask off any surfaces not intended to be treated.
4. Liberally apply an even coat using a paint pad, roller, brush or pump-up garden sprayer. DO NOT USE A POWER SPRAYER. Do not thin before using.
5. Allow sealer to penetrate the surface for 15–30 minutes, denser stone may require more time for sealer to penetrate. During this time, distribute sealer over entire area to ensure even penetration. DO NOT ALLOW EXCESS IMPREGNATOR PRO® SEALER TO DRY ON THE SURFACE.
6. Thoroughly wipe entire surface with dry cloth to remove excess Impregnator Pro® Sealer from surface.
7. A second coat may be needed for porous, absorbent surfaces and should be applied one hour after initial application as directed in steps 4–6.
8. If excess sealer was not completely wiped off and a residue appears, wipe entire surface with a towel dampened with sealer. Use a white nylon scrubbing pad to loosen residue and follow with white absorbent towel to remove.
9. Rags and equipment that are wet with product may be combustible. Clean up promptly after job is complete. Clean equipment with mineral spirits and allow to dry in a well-ventilated area. Allow rags to dry in a well-ventilated area out of the reach of children and pets. When dry, dispose of in accordance with local waste disposal regulations.

For natural looking protector on exterior surfaces:

We recommend DuPont™ StoneTech® Professional Heavy Duty Exterior Sealer, which offers heavy duty protection against water-based stains and is specially designed for exterior areas such as facades, cladding, pool decks, parking areas and driveways; weather resistant.

1. Make sure surface is clean, and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. Liberally apply an even coat with a paint pad, paintbrush, paint roller or solvent-resistant, low-pressure sprayer. Do not thin before using.
4. 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.
5. Thoroughly wipe the entire surface with a clean dry cloth to completely remove all excess sealer from the surface. DO NOT ALLOW EXCESS SEALER TO DRY 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 3–5.
7. If sealer was not completely wiped off and a residue appears, wipe entire surface with a towel dampened with sealer. Use a white nylon 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. Clean up promptly after job is complete, since rags and equipment that are wet with product may be combustible. Clean equipment with mineral spirits and allow equipment and rags to dry in a well-ventilated area out of reach of children and pets. After rags are dry, dispose of in accordance with local waste disposal regulations.

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:

We recommend DuPont™ StoneTech® Professional Stone & Tile Cleaner.

1. Mix 2 ounces of Stone & Tile Cleaner concentrate in 1 gallon of warm or hot water. (Note: One gallon of concentrate makes 64 gallons of cleaning solution.)
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 re-deposited. Wipe or rinse cleaned area.
4. Let area dry completely before using.

You may also use DuPont™ StoneTech® Professional Stone & Tile Cleaner in the ready-to-use spray bottle or wipes.

For routine cleaning with protection:

We recommend DuPont™ StoneTech® Professional Revitalizer® Cleaner & Protector.

1. Specific to this surface, we suggest preparing a solution of Revitalizer® Cleaner & Protector concentrate mixed with warm water as suggested below:
 - Light Duty Usage—mix 1 part of Revitalizer® Cleaner & Protector to 4 parts of water
 - Medium Duty Usage—mix 1 part of Revitalizer® Cleaner & Protector to 1 part of water (Note: One gallon of concentrate makes up to 5 gallons of solution.)
2. Apply mixed solution with a damp mop, sponge or appropriate professional cleaning equipment.
3. Rub surface lightly and remove any excess cleaner. No rinse needed.
4. Let area dry completely before using.

MAINTENANCE POLISHING

For a brilliant shine on countertops, vanities and vertical surfaces:

We recommend DuPont™ StoneTech® Professional Polish. Polish will work best on stone previously sealed with a DuPont™ StoneTech® Professional sealer.

1. On a cleaned surface, spray a light coat of Polish over the entire surface.
2. Spread the polish evenly with a clean, white terry cloth towel.
3. Buff off polish.
4. Continue buffing until there is no visible polish left and high shine appears.

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More Absorptive Polished Granite – Veined and Oriented Granite

CARE INSTRUCTIONS

NOTE: Read 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.

NEW INSTALLATIONS

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

RESTORATIVE CLEANING

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

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

We recommend DuPont™ StoneTech® Professional Heavy Duty Coating Stripper.

1. Sweep or vacuum surface to remove loose debris.
2. Mask off any surfaces not intended to be treated.
3. SHAKE WELL BEFORE USING. Do not dilute before applying.
4. Wear rubber gloves and eye protection during handling and application to prevent skin and eye contact.
5. Liberally apply an even coat over the required area with a paint brush, mop or paint pad. DO NOT APPLY PRODUCT WITH A SPRAYER. Apply a second coat 10 minutes after the first coat to even out the thickness of the application. Immediately remove product from unintended surfaces with a wet cloth to prevent potential damage to those surfaces.
6. Application times will vary depending on type of coating being removed. The following are approximate application times:
 - Sealer, wax and varnish: 30 to 60 minutes
 - Polyurethane and acrylic: 1 to 2 hours
 - Epoxy grout haze: 1 to 2 hours
7. Do not let Heavy Duty Coating Stripper dry on the surface. If product starts to dry, add water to keep surface wet.
8. 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.
9. Wipe up residual coating with clean, dry cloths.
10. Rinse surface well with clean water.

For cleaning grease, oil, direct, dry soil and soap scum:

We recommend DuPont™ StoneTech® Professional KlenzAll™ Cleaner.

1. Make sure surface is clean, dry and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.

3. Specific to this surface, we suggest preparing a solution of KlenzAll™ Cleaner concentrate mixed with warm water as suggested below:
 - Medium Duty Usage—mix 1 part of KlenzAll™ Cleaner to 4 parts of water
 - Heavy Duty Usage—mix 1 part of KlenzAll™ Cleaner to 2 parts of water
4. Apply mixed solution with a mop, sponge or sprayer.
5. Agitate well using a stiff nylon bristle scrub brush, stiff bristle push broom or a weighted floor machine at 130–140 lb, 175 rpm fitted with a scrub brush attachment.
6. Remove solution using a sponge, wet/dry vacuum or damp mop. A hard surface extraction wand and portable or truck mounted extraction machine may be used.
7. Rinse area well with clean water.
8. Repeat the rinsing and wet vacuum process to ensure that all dirt, soil and cleaner residue have been removed.

To remove deep or stubborn oil stains

not completely removed by KlenzAll™ Cleaner, allow the surface dry and use DuPont™ StoneTech® Professional Oil Stain Remover.

1. Apply a 1/4" thick layer of paste to the stain. Ensure that the paste extends at least 1–2" beyond the edge of the stain.
2. Allow 48–72 hours for paste to completely dry to a powder.
3. Remove powder and discard.
4. Allow solvent to completely dry from the stone.
5. If stain is not completely gone after drying, repeat process.
6. Clean up residue and tools with mineral spirits.

For removal of efflorescence, grout haze, salts, mineral deposits and calcium-based stains:

We recommend DuPont™ StoneTech® Professional Restore™ Acidic Cleaner.

1. Make sure surface is clean, dry and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. Specific to this surface, we suggest preparing a solution of Restore™ Acidic Cleaner concentrate mixed with warm water as suggested below:
 - Medium Duty Usage—mix 1 part of Restore™ Acidic Cleaner to 4 parts of water
 - Heavy Duty Usage—mix 1 part of Restore™ Acidic Cleaner to 1 part of water
4. Apply mixed solution with a mop, sponge or sprayer.

5. Agitate well using a stiff nylon bristle scrub brush, stiff bristle push broom or a weighted floor machine at 130–140 lb, 175 rpm fitted with a scrub brush attachment.
6. Remove solution using a sponge, wet/dry vacuum or damp mop. A hard surface extraction wand and portable or truck mounted extraction machine may be used.
7. Rinse area well with clean water.
8. Repeat the rinsing and wet vacuum process to ensure that all dirt, soil and cleaner residue have been removed. Thoroughly rinse all metal surfaces

SEALING AND 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 sealer suggestions are for impregnating the stone and will allow the stone to breathe. Allow new installations to cure for a minimum of 72 hours prior to applying sealer.

For a natural looking protector on interior and exterior surfaces:

We recommend two products:

- DuPont™ StoneTech® Professional BulletProof® Sealer, which offers maximum protection against oil- and water-based stains in a water-based formula.
 - DuPont™ StoneTech® Professional Heavy Duty Sealer, which offers heavy duty protection against oil- and water-based stains in a water-based formula.
1. Make sure surface is clean, and free of waxes and coatings.
 2. Mask off any surfaces not intended to be treated.
 3. Sealer may be applied to damp surfaces one hour after standing water has been removed.
 4. Liberally apply an even coat using a paint pad, roller or brush. Do not apply product with sprayer.
 5. Allow sealer to penetrate the surface for 15–30 minutes. During this time, distribute sealer over entire area to ensure even penetration. Remove excess sealer by wiping entire surface thoroughly with clean, dry towels.
 6. A second coat may be needed for porous, absorbent surfaces and should be applied 30–40 minutes after initial application as directed in steps 4–5.
 7. 15–30 minutes after final application, wipe entire surface with clean dry towels to remove any excess sealer. To remove residue, reapply a thin coat of sealer, allow to dwell for 2–3 minutes, agitate with a white nylon pad and dry thoroughly with clean, dry towels.

MARBLE

GRANITE

LIMESTONE

TRAVERTINE

SLATE

SANDSTONE
AND
FLAGSTONETERRA COTTA
AND CLAY
PRODUCTSCONCRETE
AND
MASONRYCERAMIC AND
PORCELAIN
TILE

OTHER

continued

For natural looking protector on exterior surfaces:

We recommend DuPont™ StoneTech® Professional Heavy Duty Exterior Sealer, which offers heavy duty protection against water-based stains and is specially designed for exterior areas such as facades, cladding, pool decks, parking areas and driveways; weather resistant.

1. Make sure surface is clean, and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. Liberally apply an even coat with a paint pad, paintbrush, paint roller or solvent-resistant, low-pressure sprayer. Do not thin before using.
4. 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.
5. Thoroughly wipe the entire surface with a clean dry cloth to completely remove all excess sealer from the surface. **DO NOT ALLOW EXCESS SEALER TO DRY 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 3–5.
7. If sealer was not completely wiped off and a residue appears, wipe entire surface with a towel dampened with sealer. Use a white nylon 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. Clean up promptly after job is complete, since rags and equipment that are wet with product may be combustible. Clean equipment with mineral spirits and allow equipment and rags to dry in a well-ventilated area out of reach of children and pets. After rags are dry, dispose of in accordance with local waste disposal regulations

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:

We recommend DuPont™ StoneTech® Professional Stone & Tile Cleaner.

1. Mix 2 ounces of Stone & Tile Cleaner concentrate in 1 gallon of warm or hot water. (Note: One gallon of concentrate makes 64 gallons of cleaning solution.)
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 re-deposited. Wipe or rinse cleaned area.
4. Let area dry completely before using.

You may also use DuPont™ StoneTech® Professional Stone & Tile Cleaner in the ready-to-use spray bottle or wipes.

For routine cleaning with protection:

We recommend DuPont™ StoneTech® Professional Revitalizer® Cleaner & Protector.

1. Specific to this surface, we suggest preparing a solution of Revitalizer® Cleaner & Protector concentrate mixed with warm as suggested below:
 - Light Duty Usage—mix 1 part of Revitalizer® Cleaner & Protector to 4 parts of water
 - Medium Duty Usage—mix 1 part of Revitalizer® Cleaner & Protector to 1 part of water (Note: One gallon of concentrate makes up to 5 gallons of solution.)
2. Apply mixed solution with a damp mop, sponge or appropriate professional cleaning equipment.
3. Rub surface lightly and remove any excess cleaner. No rinse needed.
4. Let area dry completely before using.

MAINTENANCE POLISHING**For a brilliant shine on countertops, vanities and vertical surfaces:**

We recommend DuPont™ StoneTech® Professional Polish. Polish will work best on stone previously sealed with a DuPont™ StoneTech® Professional sealer.

1. On a cleaned surface, spray a light coat of Polish over the entire surface.
2. Spread the polish evenly with a clean, white terry cloth towel.
3. Buff off polish.
4. Continue buffing until there is no visible polish left and high shine appears.

MARBLE

GRANITE

LIMESTONE

TRAVERTINE

SLATE

SANDSTONE
AND
FLAGSTONETERRA COTTA
AND CLAY
PRODUCTSCONCRETE
AND
MASONRYCERAMIC AND
PORCELAIN
TILE

OTHER

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K-20529 (08/08)

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1-877-STONETECH (786-6383)

www.stonetechpro.dupont.com



The miracles of science™

Unpolished, Honed and Textured Granite

CARE INSTRUCTIONS

NOTE: Read 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.

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. Ensure that surface temperature of the stone is between 50–80°F.
3. Apply a single coat of DuPont™ StoneTech® Professional Grout Release using a paint pad, 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.

RESTORATIVE CLEANING

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

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

We recommend DuPont™ StoneTech® Professional Heavy Duty Coating Stripper.

1. Sweep or vacuum surface to remove loose debris.
2. Mask off any surfaces not intended to be treated.
3. SHAKE WELL BEFORE USING. Do not dilute before applying.
4. Wear rubber gloves and eye protection during handling and application to prevent skin and eye contact.
5. Liberally apply an even coat over the required area with a paint brush, mop or paint pad. DO NOT APPLY PRODUCT WITH A SPRAYER. Apply a second coat 10 minutes after the first coat to even out the thickness of the application. Immediately remove product from unintended surfaces with a wet cloth to prevent potential damage to those surfaces.
6. Application times will vary depending on type of coating being removed. The following are approximate application times:
 - Sealer, wax and varnish: 30 to 60 minutes
 - Polyurethane and acrylic: 1 to 2 hours
 - Epoxy grout haze: 1 to 2 hours
7. Do not let Heavy Duty Coating Stripper dry on the surface. If product starts to dry, add water to keep surface wet.
8. 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.
9. Wipe up residual coating with clean, dry cloths.
10. Rinse surface well with clean water.

For cleaning grease, oil, direct, dry soil and soap scum:

We recommend DuPont™ StoneTech® Professional KlenzAll™ Cleaner.

1. Make sure surface is clean, dry and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. Specific to this surface, we suggest preparing a solution of KlenzAll™ Cleaner concentrate mixed with warm water as suggested below:
 - Medium Duty Usage—mix 1 part of KlenzAll™ Cleaner to 4 parts of water
 - Heavy Duty Usage—mix 1 part of KlenzAll™ Cleaner to 2 parts of water
4. Apply mixed solution with a mop, sponge or sprayer.
5. Agitate well using a stiff nylon bristle scrub brush, stiff bristle push broom or a weighted floor machine at 130–140 lb, 175 rpm fitted with a scrub brush attachment.
6. Remove solution using a sponge, wet/dry vacuum or damp mop. A hard surface extraction wand and portable or truck mounted extraction machine may be used.
7. Rinse area well with clean water.
8. Repeat the rinsing and wet vacuum process to ensure that all dirt, soil and cleaner residue have been removed.

To remove deep or stubborn oil stains

not completely removed by KlenzAll™ Cleaner, allow the surface dry and use DuPont™ StoneTech® Professional Oil Stain Remover.

1. Apply a 1/4" thick layer of paste to the stain. Ensure that the paste extends at least 1–2" beyond the edge of the stain.
2. Allow 48–72 hours for paste to completely dry to a powder.
3. Remove powder and discard.
4. Allow solvent to completely dry from the stone.
5. If stain is not completely gone after drying, repeat process.
6. Clean up residue and tools with mineral spirits.

For removal of efflorescence, grout haze, salts, mineral deposits and calcium-based stains:

We recommend DuPont™ StoneTech® Professional Restore™ Acidic Cleaner.

1. Make sure surface is clean, dry and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. Specific to this surface, we suggest preparing a solution of Restore™ Acidic Cleaner concentrate mixed with warm water as suggested below:
 - Medium Duty Usage—mix 1 part of Restore™ Acidic Cleaner to 4 parts of water
 - Heavy Duty Usage—mix 1 part of Restore™ Acidic Cleaner to 1 part of water
4. Apply mixed solution with a mop, sponge or sprayer.
5. Agitate well using a stiff nylon bristle scrub brush, stiff bristle push broom or a weighted floor machine at 130–140 lb, 175 rpm fitted with a scrub brush attachment.

6. Remove solution using a sponge, wet/dry vacuum or damp mop. A hard surface extraction wand and portable or truck mounted extraction machine may be used.
7. Rinse area well with clean water.
8. Repeat the rinsing and wet vacuum process to ensure that all dirt, soil and cleaner residue have been removed. Thoroughly rinse all metal surfaces.

SEALING AND 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 sealer suggestions are for impregnating the stone and will allow the stone to breathe. Allow new installations to cure for a minimum of 72 hours prior to applying sealer.

For a natural looking protector on interior and exterior surfaces:

We recommend four products:

- DuPont™ StoneTech® Professional BulletProof® Sealer, which offers maximum protection against oil- and water-based stains in a water-based formula.
- DuPont™ StoneTech® Professional Heavy Duty Sealer, which offers heavy duty protection against oil- and water-based stains in a water-based formula.
- DuPont™ StoneTech® Professional Sealer, which offers standard protection against oil- and water-based stains in a water-based formula.

1. Make sure surface is clean, and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. Sealer may be applied to damp surfaces one hour after standing water has been removed.
4. Liberally apply an even coat using a paint pad, roller or brush. Do not apply product with sprayer.
5. Allow sealer to penetrate the surface for 15–30 minutes. During this time, distribute sealer over entire area to ensure even penetration. Remove excess sealer by wiping entire surface thoroughly with clean, dry towels.
6. A second coat may be needed for porous, absorbent surfaces and should be applied 30–40 minutes after initial application as directed in steps 4–5.
7. 15–30 minutes after final application, wipe entire surface with clean dry towels to remove any excess sealer. To remove residue, reapply a thin coat of sealer, allow to dwell for 2–3 minutes, agitate with a white nylon pad and dry thoroughly with clean, dry towels.

- DuPont™ StoneTech® Professional Impregator Pro® Sealer, which offers heavy-duty protection against most stains. For an easier-to-use product with new advanced technology that produces the same results, we recommend our water-based product line.

1. Make sure surface is clean, dry and free of waxes and coatings.
2. Ensure area is well-ventilated during application and until the surface is dry. Use a respirator if unsure that area is well-ventilated. A NIOSH-approved respirator with a combination HEPA/organic vapor cartridge is recommended. Follow respirator manufacturer's instructions for use.

continued

MARBLE

GRANITE

LIMESTONE

TRAVERTINE

SLATE

SANDSTONE
AND
FLAGSTONETERRA COTTA
AND CLAY
PRODUCTSCONCRETE
AND
MASONRYCERAMIC AND
PORCELAIN
TILE

OTHER

- Mask off any surfaces not intended to be treated.
- Liberally apply an even coat using a paint pad, roller, brush or pump-up garden sprayer. DO NOT USE A POWER SPRAYER. Do not thin before using.
- Allow sealer to penetrate the surface for 15–30 minutes, denser stone may require more time for sealer to penetrate. During this time, distribute sealer over entire area to ensure even penetration. DO NOT ALLOW EXCESS IMPREGNATOR PRO® SEALER TO DRY ON THE SURFACE
- Thoroughly wipe entire surface with dry cloth to remove excess Impregnator Pro® Sealer from surface.
- A second coat may be needed for porous, absorbent surfaces and should be applied one hour after initial application as directed in steps 4–6.
- If excess sealer was not completely wiped off and a residue appears, wipe entire surface with a towel dampened with sealer. Use a white nylon scrubbing pad to loosen residue and follow with white absorbent towel to remove.
- Rags and equipment that are wet with product may be combustible. Clean up promptly after job is complete. Clean equipment with mineral spirits and allow to dry in a well-ventilated area. Allow rags to dry in a well-ventilated area out of the reach of children and pets. When dry, dispose of in accordance with local waste disposal regulations.

For natural looking protector on exterior surfaces:

We recommend DuPont™ StoneTech® Professional Heavy Duty Exterior Sealer, which offers heavy duty protection against water-based stains and is specially designed for exterior areas such as facades, cladding, pool decks, parking areas and driveways; weather resistant.

- Make sure surface is clean, and free of waxes and coatings.
- Mask off any surfaces not intended to be treated.
- Liberally apply an even coat with a paint pad, paintbrush, paint roller or solvent-resistant, low-pressure sprayer. Do not thin before using.
- 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.
- Thoroughly wipe the entire surface with a clean dry cloth to completely remove all excess sealer from the surface. DO NOT ALLOW EXCESS SEALER TO DRY ON THE SURFACE.
- A second coat may be needed for porous, absorbent surfaces and should be applied one hour after initial application as directed in steps 3–5.
- 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.
- Do not walk on surface for at least 4–6 hours. Full cure is achieved in 24–72 hours.
- Clean up promptly after job is complete, since rags and equipment that are wet with product may be combustible. Clean equipment with mineral spirits and allow equipment and rags to dry in a well-ventilated area out of reach of children and pets. After rags are dry, dispose of in accordance with local waste disposal regulations.

For a color enhancing, impregnating protector:

We recommend two products:

- DuPont™ StoneTech® Professional Enhancer, easy-to-use, water-based economical protection against oil- and

water-based stains. Enriches the color of natural stone. For interior surfaces.

- Apply product evenly and liberally using a paint pad, low-pressure chemical-resistant sprayer, roller or brush. Avoid applying product on unintended surfaces.
- Allow product to penetrate surface for 15–30 minutes; denser material may require maximum time for Enhancer to penetrate. Spread excess sealer over entire area for even penetration. Following penetration time, completely wipe surface dry with a clean dry towel. DO NOT ALLOW EXCESS ENHANCER TO DRY COMPLETELY ON SURFACE.
- A second coat may be needed for porous, absorbent surfaces or if a darker appearance is required. Apply second coat 1 hour after first coat following directions in steps 1–2.
- A full cure is achieved after 24–72 hours. Foot 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.
- Clean tools used during application with water.

■ DuPont™ StoneTech® Professional Enhancer Pro™ Sealer, heavy duty protection against oil- and water-based stains. Enriches the color of natural stone. For interior and exterior surfaces.

- Ensure surface is clean, dry and free of waxes and coatings.
- Mask off any surfaces not intended to be treated.
- Surface temperature should be between 50–80°F.
- Liberally apply an even coat using a paint pad, roller, brush, or pump-up garden sprayer. Do not use a power sprayer, towel, or sponge for application. Do not thin before using.
- Allow sealer to penetrate surface for 15–20 minutes. Denser material may require more time to penetrate. DO NOT ALLOW EXCESS SEALER TO DRY ON SURFACE. Failure to remove excess sealer from surface may result in residue that may need to be mechanically removed.
- Thoroughly wipe surface with multiple dry cloths to remove all excess sealer.
- A second coat may be needed for more absorbent surfaces or if darker appearance is required. Sealer should be applied one hour after initial application, as directed in steps 4–5.
- Ensure that the area is well-ventilated during application and until the surface is dry to the touch. Keep children and pets out of the area until foot traffic resumes.

For a color enhancing, topical protector:

We recommend three products:

- DuPont™ StoneTech® Professional High Gloss Finishing Sealer, which offers a wet-look finish and protection against stains in a water-based formula.
 - DuPont™ StoneTech® Professional Semi Gloss Finishing Sealer, which offers a light sheen and protection against stains in a water-based formula.
- Ensure work area is well-ventilated during application and until surface is dry.
 - Surface must be thoroughly clean, dry, and free of any sealers or coatings before application.
 - Liberally apply 2–4 even coats with a natural bristle brush, roller, or paint pad applicator. Do not apply product with a sprayer or sponge. Avoid puddling of liquid during application. Failure to apply a sufficient amount of sealer to the surface may result in an undesirable finish or degradation of the coating. More coats may be applied if desired.
 - Allow 30–45 minutes between coats or until surface is dry to the touch.
 - Keep surface clean and dry as finished surfaces may become slippery when wet.

■ DuPont™ StoneTech® Professional High Gloss Lacquer, which offers a high gloss and protection against stains in a solvent-based formula. For an easier-to-use, water-based technology we recommend High Gloss Finishing Sealer.

- Ensure surface is clean, dry and free of waxes and coatings.
- Allow newly cleaned surface to completely dry prior to applying High Gloss Lacquer.
- Mask off any surfaces not intended to be treated.
- Avoid applying in direct sunlight. Apply in air temperatures between 55–80°F and on a cool, dry surface. Use only in a well-ventilated area.
- While wearing an organic vapor respirator, liberally apply 2–4 even coats with a solvent-resistant natural bristle brush or roller. Failure to apply a sufficient amount of Lacquer to the surface may result in chipping or degradation of the coating. More coats may be applied if desired. Do not thin before using.
- Allow 1–3 hours between coats or until surface is dry to the touch.
- After application, do not walk on surface until Lacquer is completely cured. Lacquer will cure in 24–48 hours.
- Clean up promptly after job is complete, since rags and equipment that are wet with product may be combustible. Clean equipment with mineral spirits and allow equipment and rags to dry in a well-ventilated area out of reach of children and pets. After rags are dry, dispose of in accordance with local waste disposal regulations.

Note: High Gloss Lacquer is not recommended for areas with high moisture intrusion from below the surface, showers, or countertops.

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:

We recommend DuPont™ StoneTech® Professional Stone & Tile Cleaner.

- Mix 2 ounces of Stone & Tile Cleaner concentrate in 1 gallon of warm or hot water. (Note: One gallon of concentrate makes 64 gallons of cleaning solution.)
- Apply mixed solution with a damp mop, sponge or appropriate professional cleaning equipment.
- Clean entire area with mop, changing mop water often to ensure that soil is not re-deposited. Wipe or rinse cleaned area.
- Let area dry completely before using.

You may also use DuPont™ StoneTech® Professional Stone & Tile Cleaner in the ready-to-use spray bottle or wipes.

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Polished Limestone

CARE INSTRUCTIONS

NOTE: Read 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.

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. Ensure that surface temperature of the stone is between 50–80°F.
3. Apply a single coat of DuPont™ StoneTech® Professional Grout Release using a paint pad, 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.

RESTORATIVE CLEANING

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

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

We recommend DuPont™ StoneTech® Professional Heavy Duty Coating Stripper.

1. Sweep or vacuum surface to remove loose debris.
2. Mask off any surfaces not intended to be treated.
3. SHAKE WELL BEFORE USING. Do not dilute before applying.
4. Wear rubber gloves and eye protection during handling and application to prevent skin and eye contact.
5. Liberally apply an even coat over the required area with a paint brush, mop or paint pad. DO NOT APPLY PRODUCT WITH A SPRAYER. Apply a second coat 10 minutes after the first coat to even out the thickness of the application. Immediately remove product from unintended surfaces with a wet cloth to prevent potential damage to those surfaces.
6. Application times will vary depending on type of coating being removed. The following are approximate application times:
 - Sealer, wax and varnish: 30 to 60 minutes
 - Polyurethane and acrylic: 1 to 2 hours
 - Epoxy grout haze: 1 to 2 hours

7. Do not let Heavy Duty Coating Stripper dry on the surface. If product starts to dry, add water to keep surface wet.
8. 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.
9. Wipe up residual coating with clean, dry cloths.
10. Rinse surface well with clean water.

For cleaning grease, oil, direct, dry soil and soap scum:

We recommend DuPont™ StoneTech® Professional KlenzAll™ Cleaner.

1. Make sure surface is clean, dry and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. Specific to this surface, we suggest preparing a solution of KlenzAll™ Cleaner concentrate mixed with warm water as suggested below:
 - Medium Duty Usage—mix 1 part of KlenzAll™ Cleaner to 4 parts of water
 - Heavy Duty Usage—mix 1 part of KlenzAll™ Cleaner to 2 parts of water
4. Apply mixed solution with a mop, sponge or sprayer.
5. Agitate well using a stiff nylon bristle scrub brush, stiff bristle push broom or a weighted floor machine at 130–140 lb, 175 rpm fitted with a scrub brush attachment.
6. Remove solution using a sponge, wet/dry vacuum or damp mop. A hard surface extraction wand and portable or truck mounted extraction machine may be used.
7. Rinse area well with clean water.
8. Repeat the rinsing and wet vacuum process to ensure that all dirt, soil and cleaner residue have been removed.

To remove deep or stubborn oil stains

not completely removed by KlenzAll™ Cleaner, allow the surface dry and use DuPont™ StoneTech® Professional Oil Stain Remover.

1. Apply a 1/4" thick layer of paste to the stain. Ensure that the paste extends at least 1–2" beyond the edge of the stain.
2. Allow 48–72 hours for paste to completely dry to a powder.
3. Remove powder and discard.
4. Allow solvent to completely dry from the stone.
5. If stain is not completely gone after drying, repeat process.
6. Clean up residue and tools with mineral spirits.

MECHANICAL REFINISHING

This is for scratch, etch and wear pattern removal and to restore the surface to an even finish. Depending on the severity of the damage to the stone and/or the desired surface appearance, we recommend DuPont™ StoneTech® Professional Honing Powders (available in 180, 280, 400, 600 and 800 grit), Polishing Powder and/or Shining Powder as appropriate.

For refinishing to a honed finish:

DuPont™ StoneTech® Professional Honing Powders.

1. Make sure surface is clean, dry and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. If you are using a variety of abrasive grits, ensure that the surface is well rinsed and a new pad is used for each changeover.
4. Apply approximately 1/2 cup Honing Powder plus 1 cup clean water to stone surface.
5. Refinish using a hand orbital sander or weighted floor machine at 130–140 lb, 175 rpm, fitted with a natural hair pad.
6. Keep compound wet while refinishing with plenty of water. Add Honing Powder as needed.
7. Refinish area until the desired level of hone has been achieved.
8. Rinse well and use a wet vacuum or hot water extraction unit to remove all remaining compound.
9. Clean equipment with water.

For refinishing to a polish:

Use successively higher grits of Honing Powder to close the face of the stone. Follow with DuPont™ StoneTech® Professional Polishing Powder as applicable.

1. Make sure surface is clean, dry and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. If using Polishing Powder following the use of Honing Powder products, ensure that the surfaces is well rinsed and a new pad is used.
4. Apply approximately 1/2 cup Polishing Powder plus 1 cup clean water to stone surface.
5. Refinish using a hand orbital sander or weighted floor machine at 130–140 lb, 175 rpm, fitted with a natural hair pad.
6. Keep compound wet while refinishing with plenty of water. Add Polishing Powder as needed.
7. Refinish area until the desired level of hone has been achieved.
8. Rinse well and use a wet vacuum or hot water extraction unit to remove all remaining compound.
9. Clean equipment with water.
10. For a highly polished finish follow with DuPont™ StoneTech® Professional Shining Powder as applicable. See *Maintenance Polishing*.

continued

MARBLE

GRANITE

LIMESTONE

TRAVERTINE

SLATE

SANDSTONE
AND
FLAGSTONETERRA COTTA
AND CLAY
PRODUCTSCONCRETE
AND
MASONRYCERAMIC AND
PORCELAIN
TILE

OTHER

SEALING AND 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 sealer suggestions are for impregnating the stone and will allow the stone to breathe. Allow new installations to cure for a minimum of 72 hours prior to applying sealer.

For a natural looking protector on interior and exterior surfaces:

We recommend four products:

- DuPont™ StoneTech® Professional BulletProof® Sealer, which offers maximum protection against oil- and water-based stains in a water-based formula.
- DuPont™ StoneTech® Professional Heavy Duty Sealer, which offers heavy duty protection against oil- and water-based stains in a water-based formula.
- DuPont™ StoneTech® Professional Sealer, which offers standard protection against oil- and water-based stains in a water-based formula.

1. Make sure surface is clean, and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. Sealer may be applied to damp surfaces one hour after standing water has been removed.
4. Liberally apply an even coat using a paint pad, roller or brush. Do not apply product with sprayer.
5. Allow sealer to penetrate the surface for 15–30 minutes. During this time, distribute sealer over entire area to ensure even penetration. Remove excess sealer by wiping entire surface thoroughly with clean, dry towels.

6. A second coat may be needed for porous, absorbent surfaces and should be applied 30–40 minutes after initial application as directed in steps 4–5.
7. 15–30 minutes after final application, wipe entire surface with clean dry towels to remove any excess sealer. To remove residue, reapply a thin coat of sealer, allow to dwell for 2–3 minutes, agitate with a white nylon pad and dry thoroughly with clean, dry towels.

- DuPont™ StoneTech® Professional Impregnator Pro® Sealer, which offers heavy-duty protection against most stains. For an easier-to-use product with new advanced technology that produces the same results, we recommend our water-based product line.

1. Make sure surface is clean, dry and free of waxes and coatings.
2. Ensure area is well-ventilated during application and until the surface is dry. Use a respirator if unsure that area is well-ventilated. A NIOSH-approved respirator with a combination HEPA/organic vapor cartridge is recommended. Follow respirator manufacturer's instructions for use.
3. Mask off any surfaces not intended to be treated.
4. Liberally apply an even coat using a paint pad, roller, brush or pump-up garden sprayer. DO NOT USE A POWER SPRAYER. Do not thin before using.

5. Allow sealer to penetrate the surface for 15–30 minutes, denser stone may require more time for sealer to penetrate. During this time, distribute sealer over entire area to ensure even penetration. DO NOT ALLOW EXCESS IMPREGNATOR PRO® SEALER TO DRY ON THE SURFACE.
6. Thoroughly wipe entire surface with dry cloth to remove excess Impregnator Pro® Sealer from surface.
7. A second coat may be needed for porous, absorbent surfaces and should be applied one hour after initial application as directed in steps 4–6.
8. If excess sealer was not completely wiped off and a residue appears, wipe entire surface with a towel dampened with sealer. Use a white nylon scrubbing pad to loosen residue and follow with white absorbent towel to remove.
9. Rags and equipment that are wet with product may be combustible. Clean up promptly after job is complete. Clean equipment with mineral spirits and allow to dry in a well-ventilated area. Allow rags to dry in a well-ventilated area out of the reach of children and pets. When dry, dispose of in accordance with local waste disposal regulations.

For natural looking protector on exterior surfaces:

We recommend DuPont™ StoneTech® Professional Heavy Duty Exterior Sealer, which offers heavy duty protection against water-based stains and is specially designed for exterior areas such as facades, cladding, pool decks, parking areas and driveways; weather resistant.

1. Make sure surface is clean, and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. Liberally apply an even coat with a paint pad, paintbrush, paint roller or solvent-resistant, low-pressure sprayer. Do not thin before using.
4. 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.
5. Thoroughly wipe the entire surface with a clean dry cloth to completely remove all excess sealer from the surface. DO NOT ALLOW EXCESS SEALER TO DRY 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 3–5.
7. If sealer was not completely wiped off and a residue appears, wipe entire surface with a towel dampened with sealer. Use a white nylon 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. Clean up promptly after job is complete, since rags and equipment that are wet with product may be combustible. Clean equipment with mineral spirits and allow equipment and rags to dry in a well-ventilated area out of reach of children and pets. After rags are dry, dispose of in accordance with local waste disposal regulations.

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:

We recommend DuPont™ StoneTech® Professional Stone & Tile Cleaner.

1. Mix 2 ounces of Stone & Tile Cleaner concentrate in 1 gallon of warm or hot water. (Note: One gallon of concentrate makes 64 gallons of cleaning solution.)
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 re-deposited. Wipe or rinse cleaned area.
4. Let area dry completely before using.

You may also use DuPont™ StoneTech® Professional Stone & Tile Cleaner in the ready-to-use spray bottle or wipes.

MAINTENANCE POLISHING

To maintain the shine and beauty of polished marble on a routine basis, we recommend: DuPont™ StoneTech® Professional Shining Powder on a semi-annual basis or as needed.

1. Make sure surface is clean, dry and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. If using Shining Powder following the use of Polishing Powder products, ensure that the surfaces is well rinsed and a new pad is used.
4. Apply approximately 1/2 cup Polishing Powder plus 1 cup clean water to stone surface.
5. Refinish using a hand orbital sander or weighted floor machine at 130–140 lb, 175 rpm, fitted with a natural hair pad.
6. Keep compound wet while refinishing with plenty of water. Add Shining Powder as needed.
7. Refinish area until the desired level of hone has been achieved.
8. Rinse well and use a wet vacuum or hot water extraction unit to remove all remaining compound.

For a brilliant shine on countertops, vanities and vertical surfaces:

We recommend DuPont™ StoneTech® Professional Polish. Polish will work best on stone previously sealed with a DuPont™ StoneTech® Professional sealer.

1. On a cleaned surface, spray a light coat of Polish over the entire surface.
2. Spread the polish evenly with a clean, white terry cloth towel.
3. Buff off polish.
4. Continue buffing until there is no visible polish left and high shine appears.

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The miracles of science™

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K-20531 (08/08)

Unpolished, Honed and Textured Limestone

CARE INSTRUCTIONS

NOTE: Read 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.

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. Ensure that surface temperature of the stone is between 50–80°F.
3. Apply a single coat of DuPont™ StoneTech® Professional Grout Release using a paint pad, 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.

RESTORATIVE CLEANING

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

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

We recommend DuPont™ StoneTech® Professional Heavy Duty Coating Stripper.

1. Sweep or vacuum surface to remove loose debris.
2. Mask off any surfaces not intended to be treated.
3. SHAKE WELL BEFORE USING. Do not dilute before applying.
4. Wear rubber gloves and eye protection during handling and application to prevent skin and eye contact.
5. Liberally apply an even coat over the required area with a paint brush, mop or paint pad. DO NOT APPLY PRODUCT WITH A SPRAYER. Apply a second coat 10 minutes after the first coat to even out the thickness of the application. Immediately remove product from unintended surfaces with a wet cloth to prevent potential damage to those surfaces.
6. Application times will vary depending on type of coating being removed. The following are approximate application times:
 - Sealer, wax and varnish: 30 to 60 minutes
 - Polyurethane and acrylic: 1 to 2 hours
 - Epoxy grout haze: 1 to 2 hours
7. Do not let Heavy Duty Coating Stripper dry on the surface. If product starts to dry, add water to keep surface wet.
8. 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.
9. Wipe up residual coating with clean, dry cloths.
10. Rinse surface well with clean water.

For cleaning grease, oil, direct, dry soil and soap scum:

We recommend DuPont™ StoneTech® Professional KlenzAll™ Cleaner.

1. Make sure surface is clean, dry and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. Specific to this surface, we suggest preparing a solution of KlenzAll™ Cleaner concentrate mixed with warm water as suggested below:
 - Medium Duty Usage—mix 1 part of KlenzAll™ Cleaner to 4 parts of water
 - Heavy Duty Usage—mix 1 part of KlenzAll™ Cleaner to 2 parts of water
4. Apply mixed solution with a mop, sponge or sprayer.
5. Agitate well using a stiff nylon bristle scrub brush, stiff bristle push broom or a weighted floor machine at 130–140 lb, 175 rpm fitted with a scrub brush attachment.
6. Remove solution using a sponge, wet/dry vacuum or damp mop. A hard surface extraction wand and portable or truck mounted extraction machine may be used.
7. Rinse area well with clean water.
8. Repeat the rinsing and wet vacuum process to ensure that all dirt, soil and cleaner residue have been removed.

To remove deep or stubborn oil stains

not completely removed by KlenzAll™ Cleaner, allow the surface dry and use DuPont™ StoneTech® Professional Oil Stain Remover.

1. Apply a 1/4" thick layer of paste to the stain. Ensure that the paste extends at least 1–2" beyond the edge of the stain.
2. Allow 48–72 hours for paste to completely dry to a powder.
3. Remove powder and discard.
4. Allow solvent to completely dry from the stone.
5. If stain is not completely gone after drying, repeat process.
6. Clean up residue and tools with mineral spirits.

MECHANICAL REFINISHING

This is for scratch, etch and wear pattern removal and to restore the surface to an even finish. Depending on the severity of the damage to the stone and/or the desired surface appearance, we recommend DuPont™ StoneTech® Professional Honing Powders (available in 180, 280, 400, 600 and 800 grit).

For refinishing to a honed finish:

DuPont™ StoneTech® Professional Honing Powders.

1. Make sure surface is clean, dry and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. If you are using a variety of abrasive grits, ensure that the surface is well rinsed and a new pad is used for each changeover.
4. Apply approximately 1/2 cup Honing Powder plus 1 cup clean water to stone surface.

5. Refinish using a hand orbital sander or weighted floor machine at 130–140 lbs, 175 rpm, fitted with a natural hair pad.
6. Keep compound wet while refinishing with plenty of water. Add Honing Powder as needed.
7. Refinish area until the desired level of hone has been achieved.
8. Rinse well and use a wet vacuum or hot water extraction unit to remove all remaining compound.
9. Clean equipment with water.

SEALING AND 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 sealer suggestions are for impregnating the stone and will allow the stone to breathe. Allow new installations to cure for a minimum of 72 hours prior to applying sealer.

For a natural looking protector on interior and exterior surfaces:

We recommend four products:

- DuPont™ StoneTech® Professional BulletProof® Sealer, which offers maximum protection against oil- and water-based stains in a water-based formula.
- DuPont™ StoneTech® Professional Heavy Duty Sealer, which offers heavy duty protection against oil- and water-based stains in a water-based formula.
- DuPont™ StoneTech® Professional Sealer, which offers standard protection against oil- and water-based stains in a water-based formula.

1. Make sure surface is clean, and free of waxes and coatings.
 2. Mask off any surfaces not intended to be treated.
 3. Sealer may be applied to damp surfaces one hour after standing water has been removed.
 4. Liberally apply an even coat using a paint pad, roller or brush. Do not apply product with sprayer.
 5. Allow sealer to penetrate the surface for 15–30 minutes. During this time, distribute sealer over entire area to ensure even penetration. Remove excess sealer by wiping entire surface thoroughly with clean, dry towels.
 6. A second coat may be needed for porous, absorbent surfaces and should be applied 30–40 minutes after initial application as directed in steps 4–5.
 7. 15–30 minutes after final application, wipe entire surface with clean dry towels to remove any excess sealer. To remove residue, reapply a thin coat of sealer, allow to dwell for 2–3 minutes, agitate with a white nylon pad and dry thoroughly with clean, dry towels.
- DuPont™ StoneTech® Professional Impregator Pro® Sealer, which offers heavy-duty protection against most stains. For an easier-to-use product with new advanced technology that produces the same results, we recommend our water-based product line.
1. Make sure surface is clean, dry and free of waxes and coatings.

continued

MARBLE

GRANITE

LIMESTONE

TRAVERTINE

SLATE

SANDSTONE
AND
FLAGSTONETERRAZZO
AND CLAY
PRODUCTSCONCRETE
AND
MASONRYCERAMIC
AND
PORCELAIN
TILE

OTHER

2. Ensure area is well-ventilated during application and until the surface is dry. Use a respirator if unsure that area is well-ventilated. A NIOSH-approved respirator with a combination HEPA/organic vapor cartridge is recommended. Follow respirator manufacturer's instructions for use.
3. Mask off any surfaces not intended to be treated.
4. Liberally apply an even coat using a paint pad, roller, brush or pump-up garden sprayer. DO NOT USE A POWER SPRAYER. Do not thin before using
5. Allow sealer to penetrate the surface for 15–30 minutes, denser stone may require more time for sealer to penetrate. During this time, distribute sealer over entire area to ensure even penetration. DO NOT ALLOW EXCESS IMPREGNATOR PRO® SEALER TO DRY ON THE SURFACE
6. Thoroughly wipe entire surface with dry cloth to remove excess Impregnator Pro® Sealer from surface.
7. A second coat may be needed for porous, absorbent surfaces and should be applied one hour after initial application as directed in steps 4–6.
8. If excess sealer was not completely wiped off and a residue appears, wipe entire surface with a towel dampened with sealer. Use a white nylon scrubbing pad to loosen residue and follow with white absorbent towel to remove.
9. Rags and equipment that are wet with product may be combustible. Clean up promptly after job is complete. Clean equipment with mineral spirits and allow to dry in a well-ventilated area. Allow rags to dry in a well-ventilated area out of the reach of children and pets. When dry, dispose of in accordance with local waste disposal regulations.

For natural looking protector on exterior surfaces:

We recommend DuPont™ StoneTech® Professional Heavy Duty Exterior Sealer, which offers heavy duty protection against water-based stains and is specially designed for exterior areas such as facades, cladding, pool decks, parking areas and driveways; weather resistant.

1. Make sure surface is clean, and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. Liberally apply an even coat with a paint pad, paintbrush, paint roller or solvent-resistant, low-pressure sprayer. Do not thin before using.
4. 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.
5. Thoroughly wipe the entire surface with a clean dry cloth to completely remove all excess sealer from the surface. DO NOT ALLOW EXCESS SEALER TO DRY 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 3–5.
7. If sealer was not completely wiped off and a residue appears, wipe entire surface with a towel dampened with sealer. Use a white nylon 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. Clean up promptly after job is complete, since rags and equipment that are wet with product may be combustible. Clean equipment with mineral spirits and allow equipment and rags to dry in a well-ventilated area out of reach of children and pets. After rags are dry, dispose of in accordance with local waste disposal regulations.

For a color enhancing, impregnating protector:

We recommend two products:

- DuPont™ StoneTech® Professional Enhancer, easy-to-use, water-based economical protection against oil- and water-based stains. Enriches the color of natural stone. For interior surfaces.

1. Apply product evenly and liberally using a paint pad, low-pressure chemical-resistant sprayer, roller or brush. Avoid applying product on unintended surfaces.
2. Allow product to penetrate surface for 15–30 minutes; denser material may require maximum time for Enhancer to penetrate. Spread excess sealer over entire area for even penetration. Following penetration time, completely wipe surface dry with a clean dry towel. DO NOT ALLOW EXCESS ENHANCER TO DRY COMPLETELY ON SURFACE.
3. A second coat may be needed for porous, absorbent surfaces or if a darker appearance is required. Apply second coat 1 hour after first coat following directions in steps 1–2.
4. A full cure is achieved after 24–72 hours. Foot 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.
5. Clean tools used during application with water.

- DuPont™ StoneTech® Professional Enhancer Pro™ Sealer, heavy duty protection against oil- and water-based stains. Enriches the color of natural stone. For interior and exterior surfaces.

1. Ensure surface is clean, dry and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. Surface temperature should be between 50–80°F.
4. Liberally apply an even coat using a paint pad, roller, brush, or pump-up garden sprayer. Do not use a power sprayer, towel, or sponge for application. Do not thin before using.
5. Allow sealer to penetrate surface for 15–20 minutes. Denser material may require more time to penetrate. DO NOT ALLOW EXCESS SEALER TO DRY ON SURFACE. Failure to remove excess sealer from surface may result in residue that may need to be mechanically removed.
6. Thoroughly wipe surface with multiple dry cloths to remove all excess sealer.
7. A second coat may be needed for more absorbent surfaces or if darker appearance is required. Sealer should be applied one hour after initial application, as directed in steps 4–5.
8. Ensure that the area is well-ventilated during application and until the surface is dry to the touch. Keep children and pets out of the area until foot traffic resumes.

For a color enhancing, topical protector:

We recommend three products:

- DuPont™ StoneTech® Professional High Gloss Finishing Sealer, which offers a wet-look finish and protection against stains in a water-based formula.

- DuPont™ StoneTech® Professional Semi Gloss Finishing Sealer, which offers a light sheen and protection against stains in a water-based formula.

1. Ensure work area is well-ventilated during application and until surface is dry.
2. Surface must be thoroughly clean, dry, and free of any sealers or coatings before application.
3. Liberally apply 2–4 even coats with a natural bristle brush, roller, or paint pad applicator. Do not apply product with a sprayer or sponge. Avoid puddling of liquid during application. Failure to apply a sufficient

amount of sealer to the surface may result in an undesirable finish or degradation of the coating. More coats may be applied if desired.

4. Allow 30–45 minutes between coats or until surface is dry to the touch.
 5. Keep surface clean and dry as finished surfaces may become slippery when wet.
- DuPont™ StoneTech® Professional High Gloss Lacquer, which offers a high gloss and protection against stains in a solvent-based formula. For an easier-to-use, water-based technology we recommend High Gloss Finishing Sealer.
1. Ensure surface is clean, dry and free of waxes and coatings.
 2. Allow newly cleaned surface to completely dry prior to applying High Gloss Lacquer.
 3. Mask off any surfaces not intended to be treated.
 4. Avoid applying in direct sunlight. Apply in air temperatures between 55–80°F and on a cool, dry surface. Use only in a well-ventilated area.
 5. While wearing an organic vapor respirator, liberally apply 2–4 even coats with a solvent-resistant natural bristle brush or roller. Failure to apply a sufficient amount of Lacquer to the surface may result in chipping or degradation of the coating. More coats may be applied if desired. Do not thin before using.
 6. Allow 1–3 hours between coats or until surface is dry to the touch.
 7. After application, do not walk on surface until Lacquer is completely cured. Lacquer will cure in 24–48 hours.
 8. Clean up promptly after job is complete, since rags and equipment that are wet with product may be combustible. Clean equipment with mineral spirits and allow equipment and rags to dry in a well-ventilated area out of reach of children and pets. After rags are dry, dispose of in accordance with local waste disposal regulations.

Note: High Gloss Lacquer is not recommended for areas with high moisture intrusion from below the surface, showers, or countertops.

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:

We recommend DuPont™ StoneTech® Professional Stone & Tile Cleaner.

1. Mix 2 ounces of Stone & Tile Cleaner concentrate in 1 gallon of warm or hot water. (Note: One gallon of concentrate makes 64 gallons of cleaning solution.)
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 re-deposited. Wipe or rinse cleaned area.
4. Let area dry completely before using.

You may also use DuPont™ StoneTech® Professional Stone & Tile Cleaner in the ready-to-use spray bottle or wipes.

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Polished Travertine

CARE INSTRUCTIONS

NOTE: Read 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.

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. Ensure that surface temperature of the stone is between 50–80°F.
3. Apply a single coat of DuPont™ StoneTech® Professional Grout Release using a paint pad, 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.

RESTORATIVE CLEANING

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

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

We recommend DuPont™ StoneTech® Professional Heavy Duty Coating Stripper.

1. Sweep or vacuum surface to remove loose debris.
2. Mask off any surfaces not intended to be treated.
3. SHAKE WELL BEFORE USING. Do not dilute before applying.
4. Wear rubber gloves and eye protection during handling and application to prevent skin and eye contact.
5. Liberally apply an even coat over the required area with a paint brush, mop or paint pad. DO NOT APPLY PRODUCT WITH A SPRAYER. Apply a second coat 10 minutes after the first coat to even out the thickness of the application. Immediately remove product from unintended surfaces with a wet cloth to prevent potential damage to those surfaces.
6. Application times will vary depending on type of coating being removed. The following are approximate application times:
 - Sealer, wax and varnish: 30 to 60 minutes
 - Polyurethane and acrylic: 1 to 2 hours
 - Epoxy grout haze: 1 to 2 hours

7. Do not let Heavy Duty Coating Stripper dry on the surface. If product starts to dry, add water to keep surface wet.
8. 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.
9. Wipe up residual coating with clean, dry cloths.
10. Rinse surface well with clean water.

For cleaning grease, oil, direct, dry soil and soap scum:

We recommend DuPont™ StoneTech® Professional KlenzAll™ Cleaner.

1. Make sure surface is clean, dry and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. Specific to this surface, we suggest preparing a solution of KlenzAll™ Cleaner concentrate mixed with warm water as suggested below:
 - Medium Duty Usage—mix 1 part of KlenzAll™ Cleaner to 4 parts of water
 - Heavy Duty Usage—mix 1 part of KlenzAll™ Cleaner to 2 parts of water
4. Apply mixed solution with a mop, sponge or sprayer.
5. Agitate well using a stiff nylon bristle scrub brush, stiff bristle push broom or a weighted floor machine at 130–140 lb, 175 rpm fitted with a scrub brush attachment.
6. Remove solution using a sponge, wet/dry vacuum or damp mop. A hard surface extraction wand and portable or truck mounted extraction machine may be used.
7. Rinse area well with clean water.
8. Repeat the rinsing and wet vacuum process to ensure that all dirt, soil and cleaner residue have been removed.

To remove deep or stubborn oil stains

not completely removed by KlenzAll™ Cleaner, allow the surface dry and use DuPont™ StoneTech® Professional Oil Stain Remover.

1. Apply a 1/4" thick layer of paste to the stain. Ensure that the paste extends at least 1–2" beyond the edge of the stain.
2. Allow 48–72 hours for paste to completely dry to a powder.
3. Remove powder and discard.
4. Allow solvent to completely dry from the stone.
5. If stain is not completely gone after drying, repeat process.
6. Clean up residue and tools with mineral spirits.

MECHANICAL REFINISHING

This is for scratch, etch and wear pattern removal and to restore the surface to an even finish. Depending on the severity of the damage to the stone and/or the desired surface appearance, we recommend DuPont™ StoneTech® Professional Honing Powders (available in 180, 280, 400, 600 and 800 grit), Polishing Powder and/or Shining Powder as appropriate.

For refinishing to a honed finish:

DuPont™ StoneTech® Professional Honing Powders.

1. Make sure surface is clean, dry and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. If you are using a variety of abrasive grits, ensure that the surface is well rinsed and a new pad is used for each changeover.
4. Apply approximately 1/2 cup Honing Powder plus 1 cup clean water to stone surface.
5. Refinish using a hand orbital sander or weighted floor machine at 130–140 lb, 175 rpm, fitted with a natural hair pad.
6. Keep compound wet while refinishing with plenty of water. Add Honing Powder as needed.
7. Refinish area until the desired level of hone has been achieved.
8. Rinse well and use a wet vacuum or hot water extraction unit to remove all remaining compound.
9. Clean equipment with water.

For refinishing to a polish:

Use successively higher grits of Honing Powder to close the face of the stone. Follow with DuPont™ StoneTech® Professional Polishing Powder as applicable.

1. Make sure surface is clean, dry and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. If using Polishing Powder following the use of Honing Powder products, ensure that the surfaces is well rinsed and a new pad is used.
4. Apply approximately 1/2 cup Polishing Powder plus 1 cup clean water to stone surface.
5. Refinish using a hand orbital sander or weighted floor machine at 130–140 lb, 175 rpm, fitted with a natural hair pad.
6. Keep compound wet while refinishing with plenty of water. Add Polishing Powder as needed.
7. Refinish area until the desired level of hone has been achieved.
8. Rinse well and use a wet vacuum or hot water extraction unit to remove all remaining compound.
9. Clean equipment with water.
10. For a highly polished finish follow with DuPont™ StoneTech® Professional Shining Powder as applicable. See *Maintenance Polishing*.

MARBLE

GRANITE

LIMESTONE

TRAVERTINE

SLATE

SANDSTONE
AND
FLAGSTONETERRA COTTA
AND CLAY
PRODUCTSCONCRETE
AND
MASONRYCERAMIC AND
PORCELAIN
TILE

OTHER

continued

SEALING AND 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 sealer suggestions are for impregnating the stone and will allow the stone to breathe. Allow new installations to cure for a minimum of 72 hours prior to applying sealer.

For a natural looking protector on interior and exterior surfaces:

We recommend four products:

- DuPont™ StoneTech® Professional BulletProof® Sealer, which offers maximum protection against oil- and water-based stains in a water-based formula.
- DuPont™ StoneTech® Professional Heavy Duty Sealer, which offers heavy duty protection against oil- and water-based stains in a water-based formula.
- DuPont™ StoneTech® Professional Sealer, which offers standard protection against oil- and water-based stains in a water-based formula.

1. Make sure surface is clean, and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. Sealer may be applied to damp surfaces one hour after standing water has been removed.
4. Liberally apply an even coat using a paint pad, roller or brush. Do not apply product with sprayer.
5. Allow sealer to penetrate the surface for 15–30 minutes. During this time, distribute sealer over entire area to ensure even penetration. Remove excess sealer by wiping entire surface thoroughly with clean, dry towels.

6. A second coat may be needed for porous, absorbent surfaces and should be applied 30–40 minutes after initial application as directed in steps 4–5.
7. 15–30 minutes after final application, wipe entire surface with clean dry towels to remove any excess sealer. To remove residue, reapply a thin coat of sealer, allow to dwell for 2–3 minutes, agitate with a white nylon pad and dry thoroughly with clean, dry towels.

- DuPont™ StoneTech® Professional Impregnator Pro® Sealer, which offers heavy-duty protection against most stains. For an easier-to-use product with new advanced technology that produces the same results, we recommend our water-based product line.

1. Make sure surface is clean, dry and free of waxes and coatings.
2. Ensure area is well-ventilated during application and until the surface is dry. Use a respirator if unsure that area is well-ventilated. A NIOSH-approved respirator with a combination HEPA/organic vapor cartridge is recommended. Follow respirator manufacturer's instructions for use.
3. Mask off any surfaces not intended to be treated.
4. Liberally apply an even coat using a paint pad, roller, brush or pump-up garden sprayer. DO NOT USE A POWER SPRAYER. Do not thin before using.
5. Allow sealer to penetrate the surface for 15–30 minutes, denser stone may require more time for sealer to penetrate. During this time, distribute

sealer over entire area to ensure even penetration. DO NOT ALLOW EXCESS IMPREGNATOR PRO® SEALER TO DRY ON THE SURFACE

6. Thoroughly wipe entire surface with dry cloth to remove excess Impregnator Pro® Sealer from surface.
7. A second coat may be needed for porous, absorbent surfaces and should be applied one hour after initial application as directed in steps 4–6.
8. If excess sealer was not completely wiped off and a residue appears, wipe entire surface with a towel dampened with sealer. Use a white nylon scrubbing pad to loosen residue and follow with white absorbent towel to remove.
9. Rags and equipment that are wet with product may be combustible. Clean up promptly after job is complete. Clean equipment with mineral spirits and allow to dry in a well-ventilated area. Allow rags to dry in a well-ventilated area out of the reach of children and pets. When dry, dispose of in accordance with local waste disposal regulations.

For natural looking protector on exterior surfaces:

We recommend DuPont™ StoneTech® Professional Heavy Duty Exterior Sealer, which offers heavy duty protection against water-based stains and is specially designed for exterior areas such as facades, cladding, pool decks, parking areas and driveways; weather resistant.

1. Make sure surface is clean, and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. Liberally apply an even coat with a paint pad, paintbrush, paint roller or solvent-resistant, low-pressure sprayer. Do not thin before using.
4. 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.
5. Thoroughly wipe the entire surface with a clean dry cloth to completely remove all excess sealer from the surface. DO NOT ALLOW EXCESS SEALER TO DRY 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 3–5.
7. If sealer was not completely wiped off and a residue appears, wipe entire surface with a towel dampened with sealer. Use a white nylon 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. Clean up promptly after job is complete, since rags and equipment that are wet with product may be combustible. Clean equipment with mineral spirits and allow equipment and rags to dry in a well-ventilated area out of reach of children and pets. After rags are dry, dispose of in accordance with local waste disposal regulations

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:

We recommend DuPont™ StoneTech® Professional Stone & Tile Cleaner.

1. Mix 2 ounces of Stone & Tile Cleaner concentrate in 1 gallon of warm or hot water. (Note: One gallon of concentrate makes 64 gallons of cleaning solution.)
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 re-deposited. Wipe or rinse cleaned area.
4. Let area dry completely before using.

You may also use DuPont™ StoneTech® Professional Stone & Tile Cleaner in the ready-to-use spray bottle or wipes.

MAINTENANCE POLISHING

To maintain the shine and beauty of polished marble on a routine basis:

We recommend DuPont™ StoneTech® Professional Shining Powder on a semi-annual basis or as needed.

1. Make sure surface is clean, dry and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. If using Shining Powder following the use of Polishing Powder products, ensure that the surfaces is well rinsed and a new pad is used.
4. Apply approximately 1/2 cup Polishing Powder plus 1 cup clean water to stone surface.
5. Refinish using a hand orbital sander or weighted floor machine at 130–140 lb, 175 rpm, fitted with a natural hair pad.
6. Keep compound wet while refinishing with plenty of water. Add Shining Powder as needed.
7. Refinish area until the desired level of hone has been achieved.
8. Rinse well and use a wet vacuum or hot water extraction unit to remove all remaining compound.

For a brilliant shine on countertops, vanities and vertical surfaces:

We recommend DuPont™ StoneTech® Professional Polish. Polish will work best on stone previously sealed with a DuPont™ StoneTech® Professional sealer.

1. On a cleaned surface, spray a light coat of Polish over the entire surface.
2. Spread the polish evenly with a clean, white terry cloth towel.
3. Buff off polish.
4. Continue buffing until there is no visible polish left and high shine appears.

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Unpolished, Honed and Textured Travertine

CARE INSTRUCTIONS

NOTE: Read 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.

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. Ensure that surface temperature of the stone is between 50–80°F.
3. Apply a single coat of DuPont™ StoneTech® Professional Grout Release using a paint pad, 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.

RESTORATIVE CLEANING

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

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

We recommend DuPont™ StoneTech® Professional Heavy Duty Coating Stripper.

1. Sweep or vacuum surface to remove loose debris.
2. Mask off any surfaces not intended to be treated.
3. SHAKE WELL BEFORE USING. Do not dilute before applying.
4. Wear rubber gloves and eye protection during handling and application to prevent skin and eye contact.
5. Liberally apply an even coat over the required area with a paint brush, mop or paint pad. DO NOT APPLY PRODUCT WITH A SPRAYER. Apply a second coat 10 minutes after the first coat to even out the thickness of the application. Immediately remove product from unintended surfaces with a wet cloth to prevent potential damage to those surfaces.
6. Application times will vary depending on type of coating being removed. The following are approximate application times:
 - Sealer, wax and varnish: 30 to 60 minutes
 - Polyurethane and acrylic: 1 to 2 hours
 - Epoxy grout haze: 1 to 2 hours
7. Do not let Heavy Duty Coating Stripper dry on the surface. If product starts to dry, add water to keep surface wet.
8. 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.
9. Wipe up residual coating with clean, dry cloths.

10. Rinse surface well with clean water.

For cleaning grease, oil, direct, dry soil and soap scum:

We recommend DuPont™ StoneTech® Professional KlenzAll™ Cleaner.

1. Make sure surface is clean, dry and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. Specific to this surface, we suggest preparing a solution of KlenzAll™ Cleaner concentrate mixed with warm water as suggested below:
 - Medium Duty Usage—mix 1 part of KlenzAll™ Cleaner to 4 parts of water
 - Heavy Duty Usage—mix 1 part of KlenzAll™ Cleaner to 2 parts of water
4. Apply mixed solution with a mop, sponge or sprayer.
5. Agitate well using a stiff nylon bristle scrub brush, stiff bristle push broom or a weighted floor machine at 130–140 lb, 175 rpm fitted with a scrub brush attachment.
6. Remove solution using a sponge, wet/dry vacuum or damp mop. A hard surface extraction wand and portable or truck mounted extraction machine may be used.
7. Rinse area well with clean water.
8. Repeat the rinsing and wet vacuum process to ensure that all dirt, soil and cleaner residue have been removed.

To remove deep or stubborn oil stains

not completely removed by KlenzAll™ Cleaner, allow the surface dry and use DuPont™ StoneTech® Professional Oil Stain Remover.

1. Apply a 1/4" thick layer of paste to the stain. Ensure that the paste extends at least 1–2" beyond the edge of the stain.
2. Allow 48–72 hours for paste to completely dry to a powder.
3. Remove powder and discard.
4. Allow solvent to completely dry from the stone.
5. If stain is not completely gone after drying, repeat process.
6. Clean up residue and tools with mineral spirits.

MECHANICAL REFINISHING

This is for scratch, etch and wear pattern removal and to restore the surface to an even finish. Depending on the severity of the damage to the stone and/or the desired surface appearance, we recommend DuPont™ StoneTech® Professional Honing Powders (available in 180, 280, 400, 600 and 800 grit).

For refinishing to a honed finish:

DuPont™ StoneTech® Professional Honing Powders.

1. Make sure surface is clean, dry and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. If you are using a variety of abrasive grits, ensure that the surface is well rinsed and a new pad is used for each changeover.
4. Apply approximately 1/2 cup Honing Powder plus 1 cup clean water to stone surface.

5. Refinish using a hand orbital sander or weighted floor machine at 130–140 lb, 175 rpm, fitted with a natural hair pad.
6. Keep compound wet while refinishing with plenty of water. Add Honing Powder as needed.
7. Refinish area until the desired level of hone has been achieved.
8. Rinse well and use a wet vacuum or hot water extraction unit to remove all remaining compound.
9. Clean equipment with water.

SEALING AND 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 sealer suggestions are for impregnating the stone and will allow the stone to breathe. Allow new installations to cure for a minimum of 72 hours prior to applying sealer.

For a natural looking protector on interior and exterior surfaces:

We recommend four products:

- DuPont™ StoneTech® Professional BulletProof® Sealer, which offers maximum protection against oil- and water-based stains in a water-based formula.
- DuPont™ StoneTech® Professional Heavy Duty Sealer, which offers heavy duty protection against oil- and water-based stains in a water-based formula.
- DuPont™ StoneTech® Professional Sealer, which offers standard protection against oil- and water-based stains in a water-based formula.

1. Make sure surface is clean, and free of waxes and coatings.
 2. Mask off any surfaces not intended to be treated.
 3. Sealer may be applied to damp surfaces one hour after standing water has been removed.
 4. Liberally apply an even coat using a paint pad, roller or brush. Do not apply product with sprayer.
 5. Allow sealer to penetrate the surface for 15–30 minutes. During this time, distribute sealer over entire area to ensure even penetration. Remove excess sealer by wiping entire surface thoroughly with clean, dry towels.
 6. A second coat may be needed for porous, absorbent surfaces and should be applied 30–40 minutes after initial application as directed in steps 4–5.
 7. 15–30 minutes after final application, wipe entire surface with clean dry towels to remove any excess sealer. To remove residue, reapply a thin coat of sealer, allow to dwell for 2–3 minutes, agitate with a white nylon pad and dry thoroughly with clean, dry towels.
- DuPont™ StoneTech® Professional Impregator Pro® Sealer, which offers heavy-duty protection against most stains. For an easier-to-use product with new advanced technology that produces the same results, we recommend our water-based product line.
1. Make sure surface is clean, dry and free of waxes and coatings.

continued

MARBLE

GRANITE

LIMESTONE

TRAVERTINE

SLATE

SANDSTONE
AND
FLAGSTONETERRA COTTA
AND CLAY
PRODUCTSCONCRETE
AND
MASONRYCERAMIC AND
PORCELAIN
TILE

OTHER

2. Ensure area is well-ventilated during application and until the surface is dry. Use a respirator if unsure that area is well-ventilated. A NIOSH-approved respirator with a combination HEPA/organic vapor cartridge is recommended. Follow respirator manufacturer's instructions for use.
3. Mask off any surfaces not intended to be treated.
4. Liberally apply an even coat using a paint pad, roller, brush or pump-up garden sprayer. DO NOT USE A POWER SPRAYER. Do not thin before using.
5. Allow sealer to penetrate the surface for 15–30 minutes, denser stone may require more time for sealer to penetrate. During this time, distribute sealer over entire area to ensure even penetration. DO NOT ALLOW EXCESS IMPREGNATOR PRO® SEALER TO DRY ON THE SURFACE.
6. Thoroughly wipe entire surface with dry cloth to remove excess Impregnator Pro® Sealer from surface.
7. A second coat may be needed for porous, absorbent surfaces and should be applied one hour after initial application as directed in steps 4–6.
8. If excess sealer was not completely wiped off and a residue appears, wipe entire surface with a towel dampened with sealer. Use a white nylon scrubbing pad to loosen residue and follow with white absorbent towel to remove.
9. Rags and equipment that are wet with product may be combustible. Clean up promptly after job is complete. Clean equipment with mineral spirits and allow to dry in a well-ventilated area. Allow rags to dry in a well-ventilated area out of the reach of children and pets. When dry, dispose of in accordance with local waste disposal regulations.

For natural looking protector on exterior surfaces:

We recommend DuPont™ StoneTech® Professional Heavy Duty Exterior Sealer, which offers heavy duty protection against water-based stains and is specially designed for exterior areas such as facades, cladding, pool decks, parking areas and driveways; weather resistant.

1. Make sure surface is clean, and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. Liberally apply an even coat with a paint pad, paintbrush, paint roller or solvent-resistant, low-pressure sprayer. Do not thin before using.
4. 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.
5. Thoroughly wipe the entire surface with a clean dry cloth to completely remove all excess sealer from the surface. DO NOT ALLOW EXCESS SEALER TO DRY 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 3–5.
7. If sealer was not completely wiped off and a residue appears, wipe entire surface with a towel dampened with sealer. Use a white nylon 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. Clean up promptly after job is complete, since rags and equipment that are wet with product may be combustible. Clean equipment with mineral spirits and allow equipment and rags to dry in a well-ventilated area out of reach of children and pets. After rags are dry, dispose of in accordance with local waste disposal regulations.

For a color enhancing, impregnating protector:

We recommend two products:

- DuPont™ StoneTech® Professional Enhancer, easy-to-use, water-based economical protection against oil- and water-based stains. Enriches the color of natural stone. For interior surfaces.

1. Apply product evenly and liberally using a paint pad, low-pressure chemical-resistant sprayer, roller or brush. Avoid applying product on unintended surfaces.
2. Allow product to penetrate surface for 15–30 minutes; denser material may require maximum time for Enhancer to penetrate. Spread excess sealer over entire area for even penetration. Following penetration time, completely wipe surface dry with a clean dry towel. DO NOT ALLOW EXCESS ENHANCER TO DRY COMPLETELY ON SURFACE.
3. A second coat may be needed for porous, absorbent surfaces or if a darker appearance is required. Apply second coat 1 hour after first coat following directions in steps 1–2.
4. A full cure is achieved after 24–72 hours. Foot 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.
5. Clean tools used during application with water.

- DuPont™ StoneTech® Professional Enhancer Pro™ Sealer, heavy duty protection against oil- and water-based stains. Enriches the color of natural stone. For interior and exterior surfaces.

1. Ensure surface is clean, dry and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. Surface temperature should be between 50–80°F.
4. Liberally apply an even coat using a paint pad, roller, brush, or pump-up garden sprayer. Do not use a power sprayer, towel, or sponge for application. Do not thin before using.
5. Allow sealer to penetrate surface for 15–20 minutes. Denser material may require more time to penetrate. DO NOT ALLOW EXCESS SEALER TO DRY ON SURFACE. Failure to remove excess sealer from surface may result in residue that may need to be mechanically removed.
6. Thoroughly wipe surface with multiple dry cloths to remove all excess sealer.
7. A second coat may be needed for more absorbent surfaces or if darker appearance is required. Sealer should be applied one hour after initial application, as directed in steps 4–5.
8. Ensure that the area is well-ventilated during application and until the surface is dry to the touch. Keep children and pets out of the area until foot traffic resumes.

For a color enhancing, topical protector:

We recommend three products:

- DuPont™ StoneTech® Professional High Gloss Finishing Sealer, which offers a wet-look finish and protection against stains in a water-based formula.

- DuPont™ StoneTech® Professional Semi Gloss Finishing Sealer, which offers a light sheen and protection against stains in a water-based formula.

1. Ensure work area is well-ventilated during application and until surface is dry.
2. Surface must be thoroughly clean, dry, and free of any sealers or coatings before application.
3. Liberally apply 2–4 even coats with a natural bristle brush, roller, or paint pad applicator. Do not apply product with a sprayer or sponge. Avoid puddling of liquid during application. Failure to apply a sufficient

amount of sealer to the surface may result in an undesirable finish or degradation of the coating. More coats may be applied if desired.

4. Allow 30–45 minutes between coats or until surface is dry to the touch.
5. Keep surface clean and dry as finished surfaces may become slippery when wet.

- DuPont™ StoneTech® Professional High Gloss Lacquer, which offers a high gloss and protection against stains in a solvent-based formula. For an easier-to-use, water-based technology we recommend High Gloss Finishing Sealer.

1. Ensure surface is clean, dry and free of waxes and coatings.
2. Allow newly cleaned surface to completely dry prior to applying High Gloss Lacquer.
3. Mask off any surfaces not intended to be treated.
4. Avoid applying in direct sunlight. Apply in air temperatures between 55°–80°F and on a cool, dry surface. Use only in a well-ventilated area.
5. While wearing an organic vapor respirator, liberally apply 2–4 even coats with a solvent-resistant natural bristle brush or roller. Failure to apply a sufficient amount of Lacquer to the surface may result in chipping or degradation of the coating. More coats may be applied if desired. Do not thin before using.
6. Allow 1–3 hours between coats or until surface is dry to the touch.
7. After application, do not walk on surface until Lacquer is completely cured. Lacquer will cure in 24–48 hours.
8. Clean up promptly after job is complete, since rags and equipment that are wet with product may be combustible. Clean equipment with mineral spirits and allow equipment and rags to dry in a well-ventilated area out of reach of children and pets. After rags are dry, dispose of in accordance with local waste disposal regulations.

Note: High Gloss Lacquer is not recommended for areas with high moisture intrusion from below the surface, showers, or countertops.

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:

We recommend DuPont™ StoneTech® Professional Stone & Tile Cleaner.

1. Mix 2 ounces of Stone & Tile Cleaner concentrate in 1 gallon of warm or hot water. (Note: One gallon of concentrate makes 64 gallons of cleaning solution.)
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 re-deposited. Wipe or rinse cleaned area.
4. Let area dry completely before using.

You may also use DuPont™ StoneTech® Professional Stone & Tile Cleaner in the ready-to-use spray bottle or wipes.

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Natural Slate

CARE INSTRUCTIONS

NOTE: Read 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.

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. Ensure that surface temperature of the stone is between 50–80°F.
3. Apply a single coat of DuPont™ StoneTech® Professional Grout Release using a paint pad, 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.

RESTORATIVE CLEANING

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

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

We recommend DuPont™ StoneTech® Professional Heavy Duty Coating Stripper.

1. Sweep or vacuum surface to remove loose debris.
2. Mask off any surfaces not intended to be treated.
3. SHAKE WELL BEFORE USING. Do not dilute before applying.
4. Wear rubber gloves and eye protection during handling and application to prevent skin and eye contact.
5. Liberally apply an even coat over the required area with a paint brush, mop or paint pad. DO NOT APPLY PRODUCT WITH A SPRAYER. Apply a second coat 10 minutes after the first coat to even out the thickness of the application. Immediately remove product from unintended surfaces with a wet cloth to prevent potential damage to those surfaces.
6. Application times will vary depending on type of coating being removed. The following are approximate application times:
 - Sealer, wax and varnish: 30 to 60 minutes
 - Polyurethane and acrylic: 1 to 2 hours
 - Epoxy grout haze: 1 to 2 hours
7. Do not let Heavy Duty Coating Stripper dry on the surface. If product starts to dry, add water to keep surface wet.
8. 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.
9. Wipe up residual coating with clean, dry cloths.
10. Rinse surface well with clean water.

For cleaning grease, oil, direct, dry soil and soap scum:

We recommend DuPont™ StoneTech® Professional KlenzAll™ Cleaner.

1. Make sure surface is clean, dry and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. Specific to this surface, we suggest preparing a solution of KlenzAll™ Cleaner concentrate mixed with warm water as suggested below:
 - Medium Duty Usage—mix 1 part of KlenzAll™ Cleaner to 4 parts of water
 - Heavy Duty Usage—mix 1 part of KlenzAll™ Cleaner to 2 parts of water
4. Apply mixed solution with a mop, sponge or sprayer.
5. Agitate well using a stiff nylon bristle scrub brush, stiff bristle push broom or a weighted floor machine at 130–140 lb, 175 rpm fitted with a scrub brush attachment.
6. Remove solution using a sponge, wet/dry vacuum or damp mop. A hard surface extraction wand and portable or truck mounted extraction machine may be used.
7. Rinse area well with clean water.
8. Repeat the rinsing and wet vacuum process to ensure that all dirt, soil and cleaner residue have been removed.

To remove deep or stubborn oil stains

not completely removed by KlenzAll™ Cleaner, allow the surface dry and use DuPont™ StoneTech® Professional Oil Stain Remover.

1. Apply a 1/4" thick layer of paste to the stain. Ensure that the paste extends at least 1–2" beyond the edge of the stain.
2. Allow 48–72 hours for paste to completely dry to a powder.
3. Remove powder and discard.
4. Allow solvent to completely dry from the stone.
5. If stain is not completely gone after drying, repeat process.
6. Clean up residue and tools with mineral spirits.

For removal of efflorescence, grout haze, salts, mineral deposits and calcium-based stains:

We recommend DuPont™ StoneTech® Professional Restore™ Acidic Cleaner.

1. Make sure surface is clean, dry and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. Specific to this surface, we suggest preparing a solution of Restore™ Acidic Cleaner concentrate mixed with warm water as suggested below:
 - Medium Duty Usage—mix 1 part of Restore™ Acidic Cleaner to 4 parts of water
 - Heavy Duty Usage—mix 1 part of Restore™ Acidic Cleaner to 1 part of water
4. Apply mixed solution with a mop, sponge or sprayer.
5. Agitate well using a stiff nylon bristle scrub brush, stiff bristle push broom or a weighted floor machine at 130–140 lb, 175 rpm fitted with a scrub brush attachment.

6. Remove solution using a sponge, wet/dry vacuum or damp mop. A hard surface extraction wand and portable or truck mounted extraction machine may be used.
7. Rinse area well with clean water.
8. Repeat the rinsing and wet vacuum process to ensure that all dirt, soil and cleaner residue have been removed. Thoroughly rinse all metal surfaces.

SEALING AND 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 sealer suggestions are for impregnating the stone and will allow the stone to breathe. Allow new installations to cure for a minimum of 72 hours prior to applying sealer.

For a natural looking protector on interior and exterior surfaces:

We recommend three products:

- DuPont™ StoneTech® Professional Heavy Duty Sealer, which offers heavy duty protection against oil- and water-based stains in a water-based formula.
- DuPont™ StoneTech® Professional Sealer, which offers standard protection against oil- and water-based stains in a water-based formula.

1. Make sure surface is clean, and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. Sealer may be applied to damp surfaces one hour after standing water has been removed.
4. Liberally apply an even coat using a paint pad, roller or brush. Do not apply product with sprayer.
5. Allow sealer to penetrate the surface for 15–30 minutes. During this time, distribute sealer over entire area to ensure even penetration. Remove excess sealer by wiping entire surface thoroughly with clean, dry towels.
6. A second coat may be needed for porous, absorbent surfaces and should be applied 30–40 minutes after initial application as directed in steps 4–5.
7. 15–30 minutes after final application, wipe entire surface with clean dry towels to remove any excess sealer. To remove residue, reapply a thin coat of sealer, allow to dwell for 2–3 minutes, agitate with a white nylon pad and dry thoroughly with clean, dry towels.

- DuPont™ StoneTech® Professional Impregrator Pro® Sealer, which offers heavy-duty protection against most stains. For an easier-to-use product with new advanced technology that produces the same results, we recommend our water-based product line.

1. Make sure surface is clean, dry and free of waxes and coatings.
2. Ensure area is well-ventilated during application and until the surface is dry. Use a respirator if unsure that area is well-ventilated. A NIOSH-approved respirator with a combination HEPA/organic vapor cartridge is recommended. Follow respirator manufacturer's instructions for use.
3. Mask off any surfaces not intended to be treated.

continued

MARBLE

GRANITE

LIMESTONE

TRAVERTINE

SLATE

SANDSTONE
AND
FLAGSTONETERRA COTTA
AND CLAY
PRODUCTSCONCRETE
AND
MASONRYCERAMIC AND
PORCELAIN
TILE

OTHER

4. Liberally apply an even coat using a paint pad, roller, brush or pump-up garden sprayer. DO NOT USE A POWER SPRAYER. Do not thin before using
5. Allow sealer to penetrate the surface for 15–30 minutes, denser stone may require more time for sealer to penetrate. During this time, distribute sealer over entire area to ensure even penetration. DO NOT ALLOW EXCESS IMPREGNATOR PRO® SEALER TO DRY ON THE SURFACE
6. Thoroughly wipe entire surface with dry cloth to remove excess Impregnator Pro® Sealer from surface.
7. A second coat may be needed for porous, absorbent surfaces and should be applied one hour after initial application as directed in steps 4–6.
8. If excess sealer was not completely wiped off and a residue appears, wipe entire surface with a towel dampened with sealer. Use a white nylon scrubbing pad to loosen residue and follow with white absorbent towel to remove.
9. Rags and equipment that are wet with product may be combustible. Clean up promptly after job is complete. Clean equipment with mineral spirits and allow to dry in a well-ventilated area. Allow rags to dry in a well-ventilated area out of the reach of children and pets. When dry, dispose of in accordance with local waste disposal regulations.

For natural looking protector on exterior surfaces:

We recommend DuPont™ StoneTech® Professional Heavy Duty Exterior Sealer, which offers heavy duty protection against water-based stains and is specially designed for exterior areas such as facades, cladding, pool decks, parking areas and driveways; weather resistant.

1. Make sure surface is clean, and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. Liberally apply an even coat with a paint pad, paintbrush, paint roller or solvent-resistant, low-pressure sprayer. Do not thin before using.
4. 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.
5. Thoroughly wipe the entire surface with a clean dry cloth to completely remove all excess sealer from the surface. DO NOT ALLOW EXCESS SEALER TO DRY 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 3–5.
7. If sealer was not completely wiped off and a residue appears, wipe entire surface with a towel dampened with sealer. Use a white nylon 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. Clean up promptly after job is complete, since rags and equipment that are wet with product may be combustible. Clean equipment with mineral spirits and allow equipment and rags to dry in a well-ventilated area out of reach of children and pets. After rags are dry, dispose of in accordance with local waste disposal regulations.

For a color enhancing, impregnating protector:

We recommend two products:

- DuPont™ StoneTech® Professional Enhancer, easy-to-use, water-based economical protection against oil- and

water-based stains. Enriches the color of natural stone. For interior surfaces.

1. Apply product evenly and liberally using a paint pad, low-pressure chemical-resistant sprayer, roller or brush. Avoid applying product on unintended surfaces.
2. Allow product to penetrate surface for 15–30 minutes; denser material may require maximum time for Enhancer to penetrate. Spread excess sealer over entire area for even penetration. Following penetration time, completely wipe surface dry with a clean dry towel. DO NOT ALLOW EXCESS ENHANCER TO DRY COMPLETELY ON SURFACE.
3. A second coat may be needed for porous, absorbent surfaces or if a darker appearance is required. Apply second coat 1 hour after first coat following directions in steps 1–2.
4. A full cure is achieved after 24–72 hours. Foot 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.
5. Clean tools used during application with water.
- DuPont™ StoneTech® Professional Enhancer Pro™ Sealer, heavy duty protection against oil- and water-based stains. Enriches the color of natural stone. For interior and exterior surfaces.
 1. Ensure surface is clean, dry and free of waxes and coatings.
 2. Mask off any surfaces not intended to be treated.
 3. Surface temperature should be between 50–80°F.
 4. Liberally apply an even coat using a paint pad, roller, brush, or pump-up garden sprayer. Do not use a power sprayer, towel, or sponge for application. Do not thin before using.
 5. Allow sealer to penetrate surface for 15–20 minutes. Denser material may require more time to penetrate. DO NOT ALLOW EXCESS SEALER TO DRY ON SURFACE. Failure to remove excess sealer from surface may result in residue that may need to be mechanically removed.
 6. Thoroughly wipe surface with multiple dry cloths to remove all excess sealer.
 7. A second coat may be needed for more absorbent surfaces or if darker appearance is required. Sealer should be applied one hour after initial application, as directed in steps 4–5.
 8. Ensure that the area is well-ventilated during application and until the surface is dry to the touch. Keep children and pets out of the area until foot traffic resumes.

For a color enhancing, topical protector:

We recommend three products:

- DuPont™ StoneTech® Professional High Gloss Finishing Sealer, which offers a wet-look finish and protection against stains in a water-based formula.
- DuPont™ StoneTech® Professional Semi Gloss Finishing Sealer, which offers a light sheen and protection against stains in a water-based formula.
 1. Ensure work area is well-ventilated during application and until surface is dry.
 2. Surface must be thoroughly clean, dry, and free of any sealers or coatings before application.
 3. Liberally apply 2–4 even coats with a natural bristle brush, roller, or paint pad applicator. Do not apply product with a sprayer or sponge. Avoid puddling of liquid during application. Failure to apply a sufficient amount of sealer to the surface may result in an undesirable finish or degradation of the coating. More coats may be applied if desired.

4. Allow 30–45 minutes between coats or until surface is dry to the touch.
5. Keep surface clean and dry as finished surfaces may become slippery when wet.
 - DuPont™ StoneTech® Professional High Gloss Lacquer, which offers a high gloss and protection against stains in a solvent-based formula. For an easier-to-use, water-based technology we recommend High Gloss Finishing Sealer.
 1. Ensure surface is clean, dry and free of waxes and coatings.
 2. Allow newly cleaned surface to completely dry prior to applying High Gloss Lacquer.
 3. Mask off any surfaces not intended to be treated.
 4. Avoid applying in direct sunlight. Apply in air temperatures between 55–80°F and on a cool, dry surface. Use only in a well-ventilated area.
 5. While wearing an organic vapor respirator, liberally apply 2–4 even coats with a solvent-resistant natural bristle brush or roller. Failure to apply a sufficient amount of Lacquer to the surface may result in chipping or degradation of the coating. More coats may be applied if desired. Do not thin before using.
 6. Allow 1–3 hours between coats or until surface is dry to the touch.
 7. After application, do not walk on surface until Lacquer is completely cured. Lacquer will cure in 24–48 hours.
 8. Clean up promptly after job is complete, since rags and equipment that are wet with product may be combustible. Clean equipment with mineral spirits and allow equipment and rags to dry in a well-ventilated area out of reach of children and pets. After rags are dry, dispose of in accordance with local waste disposal regulations.

Note: High Gloss Lacquer is not recommended for areas with high moisture intrusion from below the surface, showers, or countertops.

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:

We recommend DuPont™ StoneTech® Professional Stone & Tile Cleaner.

1. Mix 2 ounces of Stone & Tile Cleaner concentrate in 1 gallon of warm or hot water. (Note: One gallon of concentrate makes 64 gallons of cleaning solution.)
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 re-deposited. Wipe or rinse cleaned area.
4. Let area dry completely before using.

You may also use DuPont™ StoneTech® Professional Stone & Tile Cleaner in the ready-to-use spray bottle or wipes.

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Walnut Creek, CA 94598
1-877-STONETECH (786-6383)
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The miracles of science™

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Sandstone and Flagstone

CARE INSTRUCTIONS

NOTE: Read 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.

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. Ensure that surface temperature of the stone is between 50–80°F.
3. Apply a single coat of DuPont™ StoneTech® Professional Grout Release using a paint pad, 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.

RESTORATIVE CLEANING

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

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

We recommend DuPont™ StoneTech® Professional Heavy Duty Coating Stripper.

1. Sweep or vacuum surface to remove loose debris.
2. Mask off any surfaces not intended to be treated.
3. SHAKE WELL BEFORE USING. Do not dilute before applying.
4. Wear rubber gloves and eye protection during handling and application to prevent skin and eye contact.
5. Liberally apply an even coat over the required area with a paint brush, mop or paint pad. DO NOT APPLY PRODUCT WITH A SPRAYER. Apply a second coat 10 minutes after the first coat to even out the thickness of the application. Immediately remove product from unintended surfaces with a wet cloth to prevent potential damage to those surfaces.
6. Application times will vary depending on type of coating being removed. The following are approximate application times:
 - Sealer, wax and varnish: 30 to 60 minutes
 - Polyurethane and acrylic: 1 to 2 hours
 - Epoxy grout haze: 1 to 2 hours
7. Do not let Heavy Duty Coating Stripper dry on the surface. If product starts to dry, add water to keep surface wet.

8. 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.
9. Wipe up residual coating with clean, dry cloths.
10. Rinse surface well with clean water.

For cleaning grease, oil, direct, dry soil and soap scum:

We recommend DuPont™ StoneTech® Professional KlenzAll™ Cleaner.

1. Make sure surface is clean, dry and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. Specific to this surface, we suggest preparing a solution of KlenzAll™ Cleaner concentrate mixed with warm water as suggested below:
 - Medium Duty Usage—mix 1 part of KlenzAll™ Cleaner to 4 parts of water
 - Heavy Duty Usage—mix 1 part of KlenzAll™ Cleaner to 2 parts of water
4. Apply mixed solution with a mop, sponge or sprayer.
5. Agitate well using a stiff nylon bristle scrub brush, stiff bristle push broom or a weighted floor machine at 130–140 lb, 175 rpm fitted with a scrub brush attachment.
6. Remove solution using a sponge, wet/dry vacuum or damp mop. A hard surface extraction wand and portable or truck mounted extraction machine may be used.
7. Rinse area well with clean water.
8. Repeat the rinsing and wet vacuum process to ensure that all dirt, soil and cleaner residue have been removed.

To remove deep or stubborn oil stains

not completely removed by KlenzAll™ Cleaner, allow the surface dry and use DuPont™ StoneTech® Professional Oil Stain Remover.

1. Apply a 1/4" thick layer of paste to the stain. Ensure that the paste extends at least 1–2" beyond the edge of the stain.
2. Allow 48–72 hours for paste to completely dry to a powder.
3. Remove powder and discard.
4. Allow solvent to completely dry from the stone.
5. If stain is not completely gone after drying, repeat process.
6. Clean up residue and tools with mineral spirits.

For removal of efflorescence, grout haze, salts, mineral deposits and calcium-based stains:

We recommend DuPont™ StoneTech® Professional Restore™ Acidic Cleaner.

1. Make sure surface is clean, dry and free of waxes and coatings.

2. Mask off any surfaces not intended to be treated.
3. Specific to this surface, we suggest preparing a solution of Restore™ Acidic Cleaner concentrate mixed with warm water as suggested below:
 - Medium Duty Usage—mix 1 part of Restore™ Acidic Cleaner to 4 parts of water
 - Heavy Duty Usage—mix 1 part of Restore™ Acidic Cleaner to 1 part of water
4. Apply mixed solution with a mop, sponge or sprayer.
5. Agitate well using a stiff nylon bristle scrub brush, stiff bristle push broom or a weighted floor machine at 130–140 lb, 175 rpm fitted with a scrub brush attachment.
6. Remove solution using a sponge, wet/dry vacuum or damp mop. A hard surface extraction wand and portable or truck mounted extraction machine may be used.
7. Rinse area well with clean water.
8. Repeat the rinsing and wet vacuum process to ensure that all dirt, soil and cleaner residue have been removed. Thoroughly rinse all metal surfaces.

SEALING AND 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 sealer suggestions are for impregnating the stone and will allow the stone to breathe. Allow new installations to cure for a minimum of 72 hours prior to applying sealer.

For a natural looking protector on interior and exterior surfaces:

We recommend two products:

- DuPont™ StoneTech® Professional BulletProof® Sealer, which offers maximum protection against oil- and water-based stains in a water-based formula.
 - DuPont™ StoneTech® Professional Heavy Duty Sealer, which offers heavy duty protection against oil- and water-based stains in a water-based formula.
1. Make sure surface is clean, and free of waxes and coatings.
 2. Mask off any surfaces not intended to be treated.
 3. Sealer may be applied to damp surfaces one hour after standing water has been removed.
 4. Liberally apply an even coat using a paint pad, roller or brush. Do not apply product with sprayer.
 5. Allow sealer to penetrate the surface for 15–30 minutes. During this time, distribute sealer over entire area to ensure even penetration. Remove excess sealer by wiping entire surface thoroughly with clean, dry towels.

MARBLE

GRANITE

LIMESTONE

TRAVERTINE

SLATE

SANDSTONE
AND
FLAGSTONETERRA COTTA
AND CLAY
PRODUCTSCONCRETE
AND
MASONRYCERAMIC AND
PORCELAIN
TILE

OTHER

continued

- A second coat may be needed for porous, absorbent surfaces and should be applied 30–40 minutes after initial application as directed in steps 4–5.
- 15–30 minutes after final application, wipe entire surface with clean dry towels to remove any excess sealer. To remove residue, reapply a thin coat of sealer, allow to dwell for 2–3 minutes, agitate with a white nylon pad and dry thoroughly with clean, dry towels.

For natural looking protector on exterior surfaces:

We recommend DuPont™ StoneTech® Professional Heavy Duty Exterior Sealer, which offers heavy duty protection against water-based stains and is specially designed for exterior areas such as facades, cladding, pool decks, parking areas and driveways; weather resistant.

- Make sure surface is clean, and free of waxes and coatings.
- Mask off any surfaces not intended to be treated.
- Liberaly apply an even coat with a paint pad, paintbrush, paint roller or solvent-resistant, low-pressure sprayer. Do not thin before using.
- 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.
- Thoroughly wipe the entire surface with a clean dry cloth to completely remove all excess sealer from the surface. **DO NOT ALLOW EXCESS SEALER TO DRY ON THE SURFACE.**
- A second coat may be needed for porous, absorbent surfaces and should be applied one hour after initial application as directed in steps 3–5.
- 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.
- Do not walk on surface for at least 4–6 hours. Full cure is achieved in 24–72 hours.
- Clean up promptly after job is complete, since rags and equipment that are wet with product may be combustible. Clean equipment with mineral spirits and allow equipment and rags to dry in a well-ventilated area out of reach of children and pets. After rags are dry, dispose of in accordance with local waste disposal regulations.

For a color enhancing, impregnating protector:

We recommend two products:

- DuPont™ StoneTech® Professional Enhancer, easy-to-use, water-based economical protection against oil- and water-based stains. Enriches the color of natural stone. For interior surfaces.
- Apply product evenly and liberaly using a paint pad, low-pressure chemical-resistant sprayer, roller or brush. Avoid applying product on unintended surfaces.
 - Allow product to penetrate surface for 15–30 minutes; denser material may require maximum time for Enhancer to penetrate. Spread excess sealer over entire area for even penetration. Following penetration time, completely wipe surface dry with a clean dry towel.

DO NOT ALLOW EXCESS ENHANCER TO DRY COMPLETELY ON SURFACE.

- A second coat may be needed for porous, absorbent surfaces or if a darker appearance is required. Apply second coat 1 hour after first coat following directions in steps 1–2.
 - A full cure is achieved after 24–72 hours. Foot 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.
 - Clean tools used during application with water.
- DuPont™ StoneTech® Professional Enhancer Pro™ Sealer, heavy duty protection against oil- and water-based stains. Enriches the color of natural stone. For interior and exterior surfaces.
- Ensure surface is clean, dry and free of waxes and coatings.
 - Mask off any surfaces not intended to be treated.
 - Surface temperature should be between 50–80°F.
 - Liberaly apply an even coat using a paint pad, roller, brush, or pump-up garden sprayer. Do not use a power sprayer, towel, or sponge for application. Do not thin before using.
 - Allow sealer to penetrate surface for 15–20 minutes. Denser material may require more time to penetrate. **DO NOT ALLOW EXCESS SEALER TO DRY ON SURFACE.** Failure to remove excess sealer from surface may result in residue that may need to be mechanically removed.
 - Thoroughly wipe surface with multiple dry cloths to remove all excess sealer.
 - A second coat may be needed for more absorbent surfaces or if darker appearance is required. Sealer should be applied one hour after initial application, as directed in steps 4–5.
 - Ensure that the area is well-ventilated during application and until the surface is dry to the touch. Keep children and pets out of the area until foot traffic resumes.

For a color enhancing, topical protector:

We recommend three products:

- DuPont™ StoneTech® Professional High Gloss Finishing Sealer, which offers a wet-look finish and protection against stains in a water-based formula.
 - DuPont™ StoneTech® Professional Semi Gloss Finishing Sealer, which offers a light sheen and protection against stains in a water-based formula.
- Ensure work area is well-ventilated during application and until surface is dry.
 - Surface must be thoroughly clean, dry, and free of any sealers or coatings before application.
 - Liberaly apply 2–4 even coats with a natural bristle brush, roller, or paint pad applicator. Do not apply product with a sprayer or sponge. Avoid puddling of liquid during application. Failure to apply a sufficient amount of sealer to the surface may result in an undesirable finish or degradation of the coating. More coats may be applied if desired.
 - Allow 30–45 minutes between coats or until surface is dry to the touch.
 - Keep surface clean and dry as finished surfaces may become slippery when wet.

- DuPont™ StoneTech® Professional High Gloss Lacquer, which offers a high gloss and protection against stains in a solvent-based formula. For an easier-to-use, water-based technology we recommend High Gloss Finishing Sealer.

- Ensure surface is clean, dry and free of waxes and coatings.
- Allow newly cleaned surface to completely dry prior to applying High Gloss Lacquer.
- Mask off any surfaces not intended to be treated.
- Avoid applying in direct sunlight. Apply in air temperatures between 55–80°F and on a cool, dry surface. Use only in a well-ventilated area.
- While wearing an organic vapor respirator, liberaly apply 2–4 even coats with a solvent-resistant natural bristle brush or roller. Failure to apply a sufficient amount of Lacquer to the surface may result in chipping or degradation of the coating. More coats may be applied if desired. Do not thin before using.
- Allow 1–3 hours between coats or until surface is dry to the touch.
- After application, do not walk on surface until Lacquer is completely cured. Lacquer will cure in 24–48 hours.
- Clean up promptly after job is complete, since rags and equipment that are wet with product may be combustible. Clean equipment with mineral spirits and allow equipment and rags to dry in a well-ventilated area out of reach of children and pets. After rags are dry, dispose of in accordance with local waste disposal regulations.

Note: High Gloss Lacquer is not recommended for areas with high moisture intrusion from below the surface, showers, or countertops.

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:

We recommend DuPont™ StoneTech® Professional Stone & Tile Cleaner.

- Mix 2 ounces of Stone & Tile Cleaner concentrate in 1 gallon of warm or hot water. (Note: One gallon of concentrate makes 64 gallons of cleaning solution.)
- Apply mixed solution with a damp mop, sponge or appropriate professional cleaning equipment.
- Clean entire area with mop, changing mop water often to ensure that soil is not re-deposited. Wipe or rinse cleaned area.
- Let area dry completely before using.

You may also use DuPont™ StoneTech® Professional Stone & Tile Cleaner in the ready-to-use spray bottle or wipes.

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Saltillo, Terra Cotta and Clay Brick

CARE INSTRUCTIONS

NOTE: Read 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.

NEW INSTALLATIONS

Follow the manufacturer's recommended installation methods and procedures.

PRE-GROUTING

For making grout clean up easier on porous stone:

1. Sweep or dust mop loose dirt and debris.
2. Ensure that surface temperature of the stone is between 50–80°F.
3. Apply a single coat of DuPont™ StoneTech® Professional Grout Release using a paint pad, 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.

RESTORATIVE CLEANING

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

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

We recommend DuPont™ StoneTech® Professional Heavy Duty Coating Stripper.

1. Sweep or vacuum surface to remove loose debris.
2. Mask off any surfaces not intended to be treated.
3. SHAKE WELL BEFORE USING. Do not dilute before applying.
4. Wear rubber gloves and eye protection during handling and application to prevent skin and eye contact.
5. Liberally apply an even coat over the required area with a paint brush, mop or paint pad. DO NOT APPLY PRODUCT WITH A SPRAYER. Apply a second coat 10 minutes after the first coat to even out the thickness of the application. Immediately remove product from unintended surfaces with a wet cloth to prevent potential damage to those surfaces.
6. Application times will vary depending on type of coating being removed. The following are approximate application times:
 - Sealer, wax and varnish: 30 to 60 minutes
 - Polyurethane and acrylic: 1 to 2 hours
 - Epoxy grout haze: 1 to 2 hours
7. Do not let Heavy Duty Coating Stripper dry on the surface. If product starts to dry, add water to keep surface wet.

8. 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.
9. Wipe up residual coating with clean, dry cloths.
10. Rinse surface well with clean water.

For cleaning grease, oil, direct, dry soil and soap scum:

We recommend DuPont™ StoneTech® Professional KlenzAll™ Cleaner.

1. Make sure surface is clean, dry and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. Specific to this surface, we suggest preparing a solution of KlenzAll™ Cleaner concentrate mixed with warm water as suggested below:
 - Medium Duty Usage—mix 1 part of KlenzAll™ Cleaner to 4 parts of water
 - Heavy Duty Usage—mix 1 part of KlenzAll™ Cleaner to 2 parts of water
4. Apply mixed solution with a mop, sponge or sprayer.
5. Agitate well using a stiff nylon bristle scrub brush, stiff bristle push broom or a weighted floor machine at 130–140 lb, 175 rpm fitted with a scrub brush attachment.
6. Remove solution using a sponge, wet/dry vacuum or damp mop. A hard surface extraction wand and portable or truck mounted extraction machine may be used.
7. Rinse area well with clean water.
8. Repeat the rinsing and wet vacuum process to ensure that all dirt, soil and cleaner residue have been removed.

To remove deep or stubborn oil stains

not completely removed by KlenzAll™ Cleaner, allow the surface dry and use DuPont™ StoneTech® Professional Oil Stain Remover.

1. Apply a 1/4" thick layer of paste to the stain. Ensure that the paste extends at least 1–2" beyond the edge of the stain.
2. Allow 48–72 hours for paste to completely dry to a powder.
3. Remove powder and discard.
4. Allow solvent to completely dry from the stone.
5. If stain is not completely gone after drying, repeat process.
6. Clean up residue and tools with mineral spirits.

For removal of efflorescence, grout haze, salts, mineral deposits and calcium-based stains:

We recommend DuPont™ StoneTech® Professional Restore™ Acidic Cleaner (Test in an inconspicuous area, as some materials are acid sensitive).

1. Make sure surface is clean, dry and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. Specific to this surface, we suggest preparing a solution of Restore™ Acidic Cleaner concentrate mixed with warm water as suggested below:
 - Medium Duty Usage—mix 1 part of Restore™ Acidic Cleaner to 4 parts of water
 - Heavy Duty Usage—mix 1 part of Restore™ Acidic Cleaner to 1 part of water
4. Apply mixed solution with a mop, sponge or sprayer.
5. Agitate well using a stiff nylon bristle scrub brush, stiff bristle push broom or a weighted floor machine at 130–140 lb, 175 rpm fitted with a scrub brush attachment.
6. Remove solution using a sponge, wet/dry vacuum or damp mop. A hard surface extraction wand and portable or truck mounted extraction machine may be used.
7. Rinse area well with clean water.
8. Repeat the rinsing and wet vacuum process to ensure that all dirt, soil and cleaner residue have been removed. Thoroughly rinse all metal surfaces.

SEALING AND PROTECTING

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

For a natural looking protector on interior and exterior surfaces:

We recommend two products:

- DuPont™ StoneTech® Professional BulletProof® Sealer, which offers maximum protection against oil- and water-based stains in a water-based formula.
 - DuPont™ StoneTech® Professional Heavy Duty Sealer, which offers heavy duty protection against oil- and water-based stains in a water-based formula.
1. Make sure surface is clean, and free of waxes and coatings.
 2. Mask off any surfaces not intended to be treated.
 3. Sealer may be applied to damp surfaces one hour after standing water has been removed.
 4. Liberally apply an even coat using a paint pad, roller or brush. Do not apply product with sprayer.
 5. Allow sealer to penetrate the surface for 15–30 minutes. During this time, distribute sealer over entire area to ensure even penetration. Remove excess sealer by wiping entire surface thoroughly with clean, dry towels.

continued

MARBLE

GRANITE

LIMESTONE

TRAVERTINE

SLATE

SANDSTONE
AND
FLAGSTONETERRA COTTA
AND CLAY
PRODUCTSCONCRETE
AND
MASONRYCERAMIC AND
PORCELAIN
TILE

OTHER

6. A second coat may be needed for porous, absorbent surfaces and should be applied 30–40 minutes after initial application as directed in steps 4–5.
7. 15–30 minutes after final application, wipe entire surface with clean dry towels to remove any excess sealer. To remove residue, reapply a thin coat of sealer, allow to dwell for 2–3 minutes, agitate with a white nylon pad and dry thoroughly with clean, dry towels.

For natural looking protector on exterior surfaces:

We recommend DuPont™ StoneTech® Professional Heavy Duty Exterior Sealer, which offers heavy duty protection against water-based stains and is specially designed for exterior areas such as facades, cladding, pool decks, parking areas and driveways; weather resistant.

1. Make sure surface is clean, and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. Liberally apply an even coat with a paint pad, paintbrush, paint roller or solvent-resistant, low-pressure sprayer. Do not thin before using.
4. 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.
5. Thoroughly wipe the entire surface with a clean dry cloth to completely remove all excess sealer from the surface. **DO NOT ALLOW EXCESS SEALER TO DRY 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 3–5.
7. If sealer was not completely wiped off and a residue appears, wipe entire surface with a towel dampened with sealer. Use a white nylon 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. Clean up promptly after job is complete, since rags and equipment that are wet with product may be combustible. Clean equipment with mineral spirits and allow equipment and rags to dry in a well-ventilated area out of reach of children and pets. After rags are dry, dispose of in accordance with local waste disposal regulations.

For a color enhancing, impregnating protector:

We recommend two products:

- DuPont™ StoneTech® Professional Enhancer, easy-to-use, water-based economical protection against oil- and water-based stains. Enriches the color of natural stone. For interior surfaces.
1. Apply product evenly and liberally using a paint pad, low-pressure chemical-resistant sprayer, roller or brush. Avoid applying product on unintended surfaces.
 2. Allow product to penetrate surface for 15–30 minutes; denser material may require maximum time for Enhancer to penetrate. Spread excess sealer over entire area for even penetration. Following penetration time, completely wipe surface dry with a clean dry towel.

DO NOT ALLOW EXCESS ENHANCER TO DRY COMPLETELY ON SURFACE.

3. A second coat may be needed for porous, absorbent surfaces or if a darker appearance is required. Apply second coat 1 hour after first coat following directions in steps 1–2.
4. A full cure is achieved after 24–72 hours. Foot 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.
5. Clean tools used during application with water.
- DuPont™ StoneTech® Professional Enhancer Pro™ Sealer, heavy duty protection against oil- and water-based stains. Enriches the color of natural stone. For interior and exterior surfaces.
1. Ensure surface is clean, dry and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. Surface temperature should be between 50–80°F.
4. Liberally apply an even coat using a paint pad, roller, brush, or pump-up garden sprayer. Do not use a power sprayer, towel, or sponge for application. Do not thin before using.
5. Allow sealer to penetrate surface for 15–20 minutes. Denser material may require more time to penetrate. **DO NOT ALLOW EXCESS SEALER TO DRY ON SURFACE.** Failure to remove excess sealer from surface may result in residue that may need to be mechanically removed.
6. Thoroughly wipe surface with multiple dry cloths to remove all excess sealer.
7. A second coat may be needed for more absorbent surfaces or if darker appearance is required. Sealer should be applied one hour after initial application, as directed in steps 4–5.
8. Ensure that the area is well-ventilated during application and until the surface is dry to the touch. Keep children and pets out of the area until foot traffic resumes.

For a color enhancing, topical protector:

We recommend three products:

- DuPont™ StoneTech® Professional High Gloss Finishing Sealer, which offers a wet-look finish and protection against stains in a water-based formula.
 - DuPont™ StoneTech® Professional Semi Gloss Finishing Sealer, which offers a light sheen and protection against stains in a water-based formula.
1. Ensure work area is well-ventilated during application and until surface is dry.
 2. Surface must be thoroughly clean, dry, and free of any sealers or coatings before application.
 3. Liberally apply 2–4 even coats with a natural bristle brush, roller, or paint pad applicator. Do not apply product with a sprayer or sponge. Avoid puddling of liquid during application. Failure to apply a sufficient amount of sealer to the surface may result in an undesirable finish or degradation of the coating. More coats may be applied if desired.
 4. Allow 30–45 minutes between coats or until surface is dry to the touch.
 5. Keep surface clean and dry as finished surfaces may become slippery when wet.

- DuPont™ StoneTech® Professional High Gloss Lacquer, which offers a high gloss and protection against stains in a solvent-based formula. For an easier-to-use, water-based technology we recommend High Gloss Finishing Sealer.

1. Ensure surface is clean, dry and free of waxes and coatings.
2. Allow newly cleaned surface to completely dry prior to applying High Gloss Lacquer.
3. Mask off any surfaces not intended to be treated.
4. Avoid applying in direct sunlight. Apply in air temperatures between 55–80°F and on a cool, dry surface. Use only in a well-ventilated area.
5. While wearing an organic vapor respirator, liberally apply 2–4 even coats with a solvent-resistant natural bristle brush or roller. Failure to apply a sufficient amount of Lacquer to the surface may result in chipping or degradation of the coating. More coats may be applied if desired. Do not thin before using.
6. Allow 1–3 hours between coats or until surface is dry to the touch.
7. After application, do not walk on surface until Lacquer is completely cured. Lacquer will cure in 24–48 hours.
8. Clean up promptly after job is complete, since rags and equipment that are wet with product may be combustible. Clean equipment with mineral spirits and allow equipment and rags to dry in a well-ventilated area out of reach of children and pets. After rags are dry, dispose of in accordance with local waste disposal regulations.

Note: High Gloss Lacquer is not recommended for areas with high moisture intrusion from below the surface, showers, or countertops.

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 clay surfaces.

For routine cleaning:

We recommend DuPont™ StoneTech® Professional Stone & Tile Cleaner.

1. Mix 2 ounces of Stone & Tile Cleaner concentrate in 1 gallon of warm or hot water. (Note: One gallon of concentrate makes 64 gallons of cleaning solution.)
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 re-deposited. Wipe or rinse cleaned area.
4. Let area dry completely before using.

You may also use DuPont™ StoneTech® Professional Stone & Tile Cleaner in the ready-to-use spray bottle or wipes.

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The miracles of science™

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Concrete and Cementitious Brick

CARE INSTRUCTIONS

NOTE: Read 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.

NEW INSTALLATIONS

Follow the manufacturer's recommended installation methods and procedures.

PRE-GROUTING

For making grout clean up easier on porous stone:

1. Sweep or dust mop loose dirt and debris.
2. Ensure that surface temperature of the stone is between 50–80°F.
3. Apply a single coat of DuPont™ StoneTech® Professional Grout Release using a paint pad, 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.

RESTORATIVE CLEANING

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

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

We recommend DuPont™ StoneTech® Professional Heavy Duty Coating Stripper.

1. Sweep or vacuum surface to remove loose debris.
2. Mask off any surfaces not intended to be treated.
3. SHAKE WELL BEFORE USING. Do not dilute before applying.
4. Wear rubber gloves and eye protection during handling and application to prevent skin and eye contact.
5. Liberally apply an even coat over the required area with a paint brush, mop or paint pad. DO NOT APPLY PRODUCT WITH A SPRAYER. Apply a second coat 10 minutes after the first coat to even out the thickness of the application. Immediately remove product from unintended surfaces with a wet cloth to prevent potential damage to those surfaces.
6. Application times will vary depending on type of coating being removed. The following are approximate application times:
 - Sealer, wax and varnish: 30 to 60 minutes
 - Polyurethane and acrylic: 1 to 2 hours
 - Epoxy grout haze: 1 to 2 hours
7. Do not let Heavy Duty Coating Stripper dry on the surface. If product starts to dry, add water to keep surface wet.

8. 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.
9. Wipe up residual coating with clean, dry cloths.
10. Rinse surface well with clean water.

For cleaning grease, oil, direct, dry soil and soap scum:

We recommend DuPont™ StoneTech® Professional KlenzAll™ Cleaner.

1. Make sure surface is clean, dry and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. Specific to this surface, we suggest preparing a solution of KlenzAll™ Cleaner concentrate mixed with warm water as suggested below:
 - Medium Duty Usage—mix 1 part of KlenzAll™ Cleaner to 4 parts of water
 - Heavy Duty Usage—mix 1 part of KlenzAll™ Cleaner to 2 parts of water
4. Apply mixed solution with a mop, sponge or sprayer.
5. Agitate well using a stiff nylon bristle scrub brush, stiff bristle push broom or a weighted floor machine at 130–140 lb, 175 rpm fitted with a scrub brush attachment.
6. Remove solution using a sponge, wet/dry vacuum or damp mop. A hard surface extraction wand and portable or truck mounted extraction machine may be used.
7. Rinse area well with clean water.
8. Repeat the rinsing and wet vacuum process to ensure that all dirt, soil and cleaner residue have been removed.

To remove deep or stubborn oil stains

not completely removed by KlenzAll™ Cleaner, allow the surface dry and use DuPont™ StoneTech® Professional Oil Stain Remover.

1. Apply a 1/4" thick layer of paste to the stain. Ensure that the paste extends at least 1–2" beyond the edge of the stain.
2. Allow 48–72 hours for paste to completely dry to a powder.
3. Remove powder and discard.
4. Allow solvent to completely dry from the stone.
5. If stain is not completely gone after drying, repeat process.
6. Clean up residue and tools with mineral spirits.

For removal of efflorescence, grout haze, salts, mineral deposits and calcium-based stains:

We recommend DuPont™ StoneTech® Professional Restore™ Acidic Cleaner (Test in an inconspicuous area, as some materials are acid sensitive).

1. Make sure surface is clean, dry and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. Specific to this surface, we suggest preparing a solution of Restore™ Acidic Cleaner concentrate mixed with warm water as suggested below:
 - Medium Duty Usage—mix 1 part of Restore™ Acidic Cleaner to 4 parts of water
 - Heavy Duty Usage—mix 1 part of Restore™ Acidic Cleaner to 1 part of water
4. Apply mixed solution with a mop, sponge or sprayer.
5. Agitate well using a stiff nylon bristle scrub brush, stiff bristle push broom or a weighted floor machine at 130–140 lb, 175 rpm fitted with a scrub brush attachment.
6. Remove solution using a sponge, wet/dry vacuum or damp mop. A hard surface extraction wand and portable or truck mounted extraction machine may be used.
7. Rinse area well with clean water.
8. Repeat the rinsing and wet vacuum process to ensure that all dirt, soil and cleaner residue have been removed. Thoroughly rinse all metal surfaces.

SEALING AND PROTECTING

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

For a natural looking protector on interior and exterior surfaces:

We recommend DuPont™ StoneTech® Professional BulletProof® Sealer, which offers maximum protection against oil- and water-based stains in a water-based formula.

1. Make sure surface is clean, and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. Sealer may be applied to damp surfaces one hour after standing water has been removed.
4. Liberally apply an even coat using a paint pad, roller or brush. Do not apply product with sprayer.
5. Allow sealer to penetrate the surface for 15–30 minutes. During this time, distribute sealer over entire area to ensure even penetration. Remove excess sealer by wiping entire surface thoroughly with clean, dry towels.
6. A second coat may be needed for porous, absorbent surfaces and should be applied 30–40 minutes after initial application as directed in steps 4–5.

continued

MARBLE

GRANITE

LIMESTONE

TRAVERTINE

SLATE

SANDSTONE
AND
FLAGSTONETERRA COTTA
AND CLAY
PRODUCTSCONCRETE
AND
MASONRYCERAMIC AND
PORCELAIN
TILE

OTHER

- 15–30 minutes after final application, wipe entire surface with clean dry towels to remove any excess sealer. To remove residue, reapply a thin coat of sealer, allow to dwell for 2–3 minutes, agitate with a white nylon pad and dry thoroughly with clean, dry towels.

For natural looking protector on exterior surfaces:

We recommend DuPont™ StoneTech® Professional Heavy Duty Exterior Sealer, which offers heavy duty protection against water-based stains and is specially designed for exterior areas such as facades, cladding, pool decks, parking areas and driveways; weather resistant.

- Make sure surface is clean, and free of waxes and coatings.
- Mask off any surfaces not intended to be treated.
- Liberaly apply an even coat with a paint pad, paintbrush, paint roller or solvent-resistant, low-pressure sprayer. Do not thin before using.
- 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.
- Thoroughly wipe the entire surface with a clean dry cloth to completely remove all excess sealer from the surface. **DO NOT ALLOW EXCESS SEALER TO DRY ON THE SURFACE.**
- A second coat may be needed for porous, absorbent surfaces and should be applied one hour after initial application as directed in steps 3–5.
- 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.
- Do not walk on surface for at least 4–6 hours. Full cure is achieved in 24–72 hours.
- Clean up promptly after job is complete, since rags and equipment that are wet with product may be combustible. Clean equipment with mineral spirits and allow equipment and rags to dry in a well-ventilated area out of reach of children and pets. After rags are dry, dispose of in accordance with local waste disposal regulations.

For a color enhancing, impregnating protector:

We recommend two products:

- DuPont™ StoneTech® Professional Enhancer, easy-to-use, water-based economical protection against oil- and water-based stains. Enriches the color of natural stone. For interior surfaces.
- Apply product evenly and liberaly using a paint pad, low-pressure chemical-resistant sprayer, roller or brush. Avoid applying product on unintended surfaces.
 - Allow product to penetrate surface for 15–30 minutes; denser material may require maximum time for Enhancer to penetrate. Spread excess sealer over entire area for even penetration. Following penetration time, completely wipe surface dry with a clean dry towel. **DO NOT ALLOW EXCESS ENHANCER TO DRY COMPLETELY ON SURFACE.**

- A second coat may be needed for porous, absorbent surfaces or if a darker appearance is required. Apply second coat 1 hour after first coat following directions in steps 1–2.
- A full cure is achieved after 24–72 hours. Foot 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.
- Clean tools used during application with water.

- DuPont™ StoneTech® Professional Enhancer Pro™ Sealer, heavy duty protection against oil- and water-based stains. Enriches the color of natural stone. For interior and exterior surfaces.

- Ensure surface is clean, dry and free of waxes and coatings.
- Mask off any surfaces not intended to be treated.
- Surface temperature should be between 50–80°F.
- Liberaly apply an even coat using a paint pad, roller, brush, or pump-up garden sprayer. Do not use a power sprayer, towel, or sponge for application. Do not thin before using.
- Allow sealer to penetrate surface for 15–20 minutes. Denser material may require more time to penetrate. **DO NOT ALLOW EXCESS SEALER TO DRY ON SURFACE.** Failure to remove excess sealer from surface may result in residue that may need to be mechanically removed.
- Thoroughly wipe surface with multiple dry cloths to remove all excess sealer.
- A second coat may be needed for more absorbent surfaces or if darker appearance is required. Sealer should be applied one hour after initial application, as directed in steps 4–5.
- Ensure that the area is well-ventilated during application and until the surface is dry to the touch. Keep children and pets out of the area until foot traffic resumes.

For a color enhancing, topical protector:

We recommend three products:

- DuPont™ StoneTech® Professional High Gloss Finishing Sealer, which offers a wet-look finish and protection against stains in a water-based formula.
 - DuPont™ StoneTech® Professional Semi Gloss Finishing Sealer, which offers a light sheen and protection against stains in a water-based formula.
- Ensure work area is well-ventilated during application and until surface is dry.
 - Surface must be thoroughly clean, dry, and free of any sealers or coatings before application.
 - Liberaly apply 2–4 even coats with a natural bristle brush, roller, or paint pad applicator. Do not apply product with a sprayer or sponge. Avoid puddling of liquid during application. Failure to apply a sufficient amount of sealer to the surface may result in an undesirable finish or degradation of the coating. More coats may be applied if desired.
 - Allow 30–45 minutes between coats or until surface is dry to the touch.
 - Keep surface clean and dry as finished surfaces may become slippery when wet.
- DuPont™ StoneTech® Professional High Gloss Lacquer, which offers a high gloss and protection against stains in a solvent-based formula.

For an easier-to-use, water-based technology we recommend High Gloss Finishing Sealer.

- Ensure surface is clean, dry and free of waxes and coatings.
- Allow newly cleaned surface to completely dry prior to applying High Gloss Lacquer.
- Mask off any surfaces not intended to be treated.
- Avoid applying in direct sunlight. Apply in air temperatures between 55–80°F and on a cool, dry surface. Use only in a well-ventilated area.
- While wearing an organic vapor respirator, liberaly apply 2–4 even coats with a solvent-resistant natural bristle brush or roller. Failure to apply a sufficient amount of Lacquer to the surface may result in chipping or degradation of the coating. More coats may be applied if desired. Do not thin before using.
- Allow 1–3 hours between coats or until surface is dry to the touch.
- After application, do not walk on surface until Lacquer is completely cured. Lacquer will cure in 24–48 hours.
- Clean up promptly after job is complete, since rags and equipment that are wet with product may be combustible. Clean equipment with mineral spirits and allow equipment and rags to dry in a well-ventilated area out of reach of children and pets. After rags are dry, dispose of in accordance with local waste disposal regulations.

Note: High Gloss Lacquer™ is not recommended for areas with high moisture intrusion from below the surface, showers, or countertops.

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 masonry surfaces.

For routine cleaning:

We recommend DuPont™ StoneTech® Professional Stone & Tile Cleaner.

- Mix 2 ounces of Stone & Tile Cleaner concentrate in 1 gallon of warm or hot water. (Note: One gallon of concentrate makes 64 gallons of cleaning solution.)
- Apply mixed solution with a damp mop, sponge or appropriate professional cleaning equipment.
- Clean entire area with mop, changing mop water often to ensure that soil is not re-deposited. Wipe or rinse cleaned area.
- Let area dry completely before using.

You may also use DuPont™ StoneTech® Professional Stone & Tile Cleaner in the ready-to-use spray bottle or wipes.

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Ceramic, Porcelain and Quarry Tile with Cement-based Grout

CARE INSTRUCTIONS

NOTE: Read 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.

NEW INSTALLATIONS

Follow the recommended installation methods and procedures of 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. Ensure that surface temperature of the stone is between 50–80°F.
3. Apply a single coat of DuPont™ StoneTech® Professional Grout Release using a paint pad, 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.

RESTORATIVE CLEANING

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

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

We recommend DuPont™ StoneTech® Professional Heavy Duty Coating Stripper.

1. Sweep or vacuum surface to remove loose debris.
2. Mask off any surfaces not intended to be treated.
3. **SHAKE WELL BEFORE USING.** Do not dilute before applying.
4. Wear rubber gloves and eye protection during handling and application to prevent skin and eye contact.
5. Liberally apply an even coat over the required area with a paint brush, mop or paint pad. **DO NOT APPLY PRODUCT WITH A SPRAYER.** Apply a second coat 10 minutes after the first coat to even out the thickness of the application. Immediately remove product from unintended surfaces with a wet cloth to prevent potential damage to those surfaces.

6. Application times will vary depending on type of coating being removed. The following are approximate application times:
 - Sealer, wax and varnish: 30 to 60 minutes
 - Polyurethane and acrylic: 1 to 2 hours
 - Epoxy grout haze: 1 to 2 hours
7. Do not let Heavy Duty Coating Stripper dry on the surface. If product starts to dry, add water to keep surface wet.
8. 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.
9. Wipe up residual coating with clean, dry cloths.
10. Rinse surface well with clean water.

For cleaning grease, oil, direct, dry soil and soap scum:

We recommend DuPont™ StoneTech® Professional KlenzAll™ Cleaner.

1. Make sure surface is clean, dry and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. Specific to this surface, we suggest preparing a solution of KlenzAll™ Cleaner concentrate mixed with warm water as suggested below:
 - Medium Duty Usage—mix 1 part of KlenzAll™ Cleaner to 4 parts of water
 - Heavy Duty Usage—mix 1 part of KlenzAll™ Cleaner to 2 parts of water
4. Apply mixed solution with a mop, sponge or sprayer.
5. Agitate well using a stiff nylon bristle scrub brush, stiff bristle push broom or a weighted floor machine at 130–140 lb, 175 rpm fitted with a scrub brush attachment.
6. Remove solution using a sponge, wet/dry vacuum or damp mop. A hard surface extraction wand and portable or truck mounted extraction machine may be used.
7. Rinse area well with clean water.
8. Repeat the rinsing and wet vacuum process to ensure that all dirt, soil and cleaner residue have been removed.

To remove deep or stubborn oil stains not completely removed by KlenzAll™ Cleaner, allow the surface dry and use DuPont™ StoneTech® Professional Oil Stain Remover.

1. Apply a 1/4" thick layer of paste to the stain. Ensure that the paste extends at least 1–2" beyond the edge of the stain.
2. Allow 48–72 hours for paste to completely dry to a powder.
3. Remove powder and discard.
4. Allow solvent to completely dry from the stone.
5. If stain is not completely gone after drying, repeat process.
6. Clean up residue and tools with mineral spirits.

For removal of efflorescence, grout haze, salts, mineral deposits and calcium-based stains:

We recommend DuPont™ StoneTech® Professional Restore™ Acidic Cleaner (Test in an inconspicuous area, as some materials are acid sensitive).

1. Make sure surface is clean, dry and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. Specific to this surface, we suggest preparing a solution of Restore™ Acidic Cleaner concentrate mixed with warm water as suggested below:
 - Medium Duty Usage—mix 1 part of Restore™ Acidic Cleaner to 4 parts of water
 - Heavy Duty Usage—mix 1 part of Restore™ Acidic Cleaner to 1 part of water
4. Apply mixed solution with a mop, sponge or sprayer.
5. Agitate well using a stiff nylon bristle scrub brush, stiff bristle push broom or a weighted floor machine at 130–140 lb, 175 rpm fitted with a scrub brush attachment.
6. Remove solution using a sponge, wet/dry vacuum or damp mop. A hard surface extraction wand and portable or truck mounted extraction machine may be used.
7. Rinse area well with clean water.
8. Repeat the rinsing and wet vacuum process to ensure that all dirt, soil and cleaner residue have been removed. Thoroughly rinse all metal surfaces.

MARBLE

GRANITE

LIMESTONE

TRAVERTINE

SLATE

SANDSTONE
AND
FLAGSTONETERRA COTTA
AND CLAY
PRODUCTSCONCRETE
AND
MASONRYCERAMIC AND
PORCELAIN
TILE

OTHER

SEALING AND PROTECTING

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

For a natural looking protector on interior and exterior surfaces:

We recommend two products:

- DuPont™ StoneTech® Professional Grout Sealer, which offers heavy duty protection against oil- and water-based stains in a water-based formula.
1. Make sure surface is clean, and free of waxes and coatings.
 2. Mask off any surfaces not intended to be treated.
 3. Apply directly onto grout lines and joints to thoroughly wet surface using a paint pad, roller or brush.
 4. Allow sealer to completely penetrate into the grout, 5–15 minutes.
 5. Liberally apply a second coat following steps 3–4.
 6. Wipe up all sealer from the surface of the tile. Use a clean, dry, lint-free, cotton towel or mop to remove excess sealer.
 7. 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.

- DuPont™ StoneTech® Professional Advanced Grout Sealer, which offers maximum protection against oil- and water-based stains in a solvent-based, aerosol formula.

1. Ensure area is well-ventilated during application and until surface is dry.
2. For new installations, product can be applied as soon as 2 hours after grouting. For best results, wait 4 hours or more. Grout should be firm to the touch before application. For cured installations, grout must be clean, dry, and free of sealers and coatings.
3. Shake well before using
4. Hold can with extended arm 10 to 16 inches from the grout surface, aim nozzle, and spray sealer evenly along the grout line. Keep can tilted to assure even product distribution.
5. After 10 to 15 minutes, wipe entire surface with dry cloth to remove excess sealer. If using on newly applied grout, wipe lightly to avoid disturbing grout.
6. A second coat is recommended and may be applied within one hour of initial application.
7. Dried residue from excess sealer can be removed from tile surfaces by wiping with a dry cloth.

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 grout. Use a neutral cleaner specially formulated for tile and grout.

For routine cleaning:

We recommend DuPont™ StoneTech® Professional Stone & Tile Cleaner.

1. Mix 2 ounces of Stone & Tile Cleaner concentrate in 1 gallon of warm or hot water. (Note: One gallon of concentrate makes 64 gallons of cleaning solution.)
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 re-deposited. Wipe or rinse cleaned area.
4. Let area dry completely before using.

You may also use DuPont™ StoneTech® Professional Stone & Tile Cleaner in the ready-to-use spray bottle or wipes.

MARBLE

GRANITE

LIMESTONE

TRAVERTINE

SLATE

SANDSTONE
AND
FLAGSTONETERRA COTTA
AND CLAY
PRODUCTSCONCRETE
AND
MASONRYCERAMIC AND
PORCELAIN
TILE

OTHER

DuPont StoneTech® Professional
370 North Wiget Lane, Suite 200
Walnut Creek, CA 94598

1-877-STONETECH (786-6383)

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The miracles of science™

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K-20539 (08/08)

Ceramic, Porcelain and Quarry Tile with Epoxy-based Grout

CARE INSTRUCTIONS

NOTE: Read 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.

NEW INSTALLATIONS

Follow the recommended installation methods and procedures of 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. Ensure that surface temperature of the stone is between 50–80°F.
3. Apply a single coat of DuPont™ StoneTech® Professional Grout Release using a paint pad, 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.

RESTORATIVE CLEANING

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

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

We recommend DuPont™ StoneTech® Professional Heavy Duty Coating Stripper.

1. Sweep or vacuum surface to remove loose debris.
2. Mask off any surfaces not intended to be treated.
3. **SHAKE WELL BEFORE USING.** Do not dilute before applying.
4. Wear rubber gloves and eye protection during handling and application to prevent skin and eye contact.
5. Liberally apply an even coat over the required area with a paint brush, mop or paint pad. **DO NOT APPLY PRODUCT WITH A SPRAYER.** Apply a second coat 10 minutes after the first coat to even out the thickness of the application. Immediately remove product from unintended surfaces with a wet cloth to prevent potential damage to those surfaces.

6. Application times will vary depending on type of coating being removed. The following are approximate application times:
 - Sealer, wax and varnish: 30 to 60 minutes
 - Polyurethane and acrylic: 1 to 2 hours
 - Epoxy grout haze: 1 to 2 hours
7. Do not let Heavy Duty Coating Stripper dry on the surface. If product starts to dry, add water to keep surface wet.
8. 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.
9. Wipe up residual coating with clean, dry cloths.
10. Rinse surface well with clean water.

For cleaning grease, oil, direct, dry soil and soap scum:

We recommend DuPont™ StoneTech® Professional KlenzAll™ Cleaner.

1. Make sure surface is clean, dry and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. Specific to this surface, we suggest preparing a solution of KlenzAll™ Cleaner concentrate mixed with warm water as suggested below:
 - Medium Duty Usage—mix 1 part of KlenzAll™ Cleaner to 4 parts of water
 - Heavy Duty Usage—mix 1 part of KlenzAll™ Cleaner to 2 parts of water
4. Apply mixed solution with a mop, sponge or sprayer.
5. Agitate well using a stiff nylon bristle scrub brush, stiff bristle push broom or a weighted floor machine at 130–140 lb, 175 rpm fitted with a scrub brush attachment.
6. Remove solution using a sponge, wet/dry vacuum or damp mop. A hard surface extraction wand and portable or truck mounted extraction machine may be used.
7. Rinse area well with clean water.
8. Repeat the rinsing and wet vacuum process to ensure that all dirt, soil and cleaner residue have been removed.

To remove deep or stubborn oil stains

not completely removed by KlenzAll™ Cleaner, allow the surface dry and use DuPont™ StoneTech® Professional Oil Stain Remover.

1. Apply a 1/4" thick layer of paste to the stain. Ensure that the paste extends at least 1–2" beyond the edge of the stain.
2. Allow 48–72 hours for paste to completely dry to a powder.
3. Remove powder and discard.
4. Allow solvent to completely dry from the stone.
5. If stain is not completely gone after drying, repeat process.
6. Clean up residue and tools with mineral spirits.

For removal of efflorescence, grout haze, salts, mineral deposits and calcium-based stains:

We recommend DuPont™ StoneTech® Professional Restore™ Acidic Cleaner (Test in an inconspicuous area, as some materials are acid sensitive).

1. Make sure surface is clean, dry and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. Specific to this surface, we suggest preparing a solution of Restore™ Acidic Cleaner concentrate mixed with warm water as suggested below:
 - Medium Duty Usage—mix 1 part of Restore™ Acidic Cleaner to 4 parts of water
 - Heavy Duty Usage—mix 1 part of Restore™ Acidic Cleaner to 1 part of water
4. Apply mixed solution with a mop, sponge or sprayer.
5. Agitate well using a stiff nylon bristle scrub brush, stiff bristle push broom or a weighted floor machine at 130–140 lb, 175 rpm fitted with a scrub brush attachment.
6. Remove solution using a sponge, wet/dry vacuum or damp mop. A hard surface extraction wand and portable or truck mounted extraction machine may be used.
7. Rinse area well with clean water.
8. Repeat the rinsing and wet vacuum process to ensure that all dirt, soil and cleaner residue have been removed. Thoroughly rinse all metal surfaces.

MARBLE

GRANITE

LIMESTONE

TRAVERTINE

SLATE

SANDSTONE
AND
FLAGSTONETERRA COTTA
AND CLAY
PRODUCTSCONCRETE
AND
MASONRYCERAMIC AND
PORCELAIN
TILE

OTHER

SEALING AND PROTECTING

Epoxy grout, ceramic, porcelain and quarry tile are generally impervious to liquid stains from both oil and water-based materials and do not require sealing. Maintenance cleaning is required for dirt and dry soil removal.

MAINTENANCE CLEANING

Use a neutral cleaner specially formulated for tile and grout.

For routine cleaning:

We recommend DuPont™ StoneTech® Professional Stone & Tile Cleaner.

1. Mix 2 ounces of Stone & Tile Cleaner concentrate in 1 gallon of warm or hot water. (Note: One gallon of concentrate makes 64 gallons of cleaning solution.)
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 re-deposited. Wipe or rinse cleaned area.
4. Let area dry completely before using.

You may also use DuPont™ StoneTech® Professional Stone & Tile Cleaner in the ready-to-use spray bottle or wipes.

MARBLE

GRANITE

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K-20540 (08/08)

Cantera and Adoquin

CARE INSTRUCTIONS

NOTE: Read 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.

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. Ensure that surface temperature of the stone is between 50–80°F.
3. Apply a single coat of DuPont™ StoneTech® Professional Grout Release using a paint pad, 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.

RESTORATIVE CLEANING

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

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

We recommend DuPont™ StoneTech® Professional Heavy Duty Coating Stripper.

1. Sweep or vacuum surface to remove loose debris.
2. Mask off any surfaces not intended to be treated.
3. SHAKE WELL BEFORE USING. Do not dilute before applying.
4. Wear rubber gloves and eye protection during handling and application to prevent skin and eye contact.
5. Liberally apply an even coat over the required area with a paint brush, mop or paint pad. DO NOT APPLY PRODUCT WITH A SPRAYER. Apply a second coat 10 minutes after the first coat to even out the thickness of the application. Immediately remove product from unintended surfaces with a wet cloth to prevent potential damage to those surfaces.
6. Application times will vary depending on type of coating being removed. The following are approximate application times:
 - Sealer, wax and varnish: 30 to 60 minutes
 - Polyurethane and acrylic: 1 to 2 hours
 - Epoxy grout haze: 1 to 2 hours
7. Do not let Heavy Duty Coating Stripper dry on the surface. If product starts to dry, add water to keep surface wet.

8. 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.
9. Wipe up residual coating with clean, dry cloths.
10. Rinse surface well with clean water.

For cleaning grease, oil, direct, dry soil and soap scum:

We recommend DuPont™ StoneTech® Professional KlenzAll™ Cleaner.

1. Make sure surface is clean, dry and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. Specific to this surface, we suggest preparing a solution of KlenzAll™ Cleaner concentrate mixed with warm water as suggested below:
 - Medium Duty Usage—mix 1 part of KlenzAll™ Cleaner to 4 parts of water
 - Heavy Duty Usage—mix 1 part of KlenzAll™ Cleaner to 2 parts of water
4. Apply mixed solution with a mop, sponge or sprayer.
5. Agitate well using a stiff nylon bristle scrub brush, stiff bristle push broom or a weighted floor machine at 130–140 lb, 175 rpm fitted with a scrub brush attachment.
6. Remove solution using a sponge, wet/dry vacuum or damp mop. A hard surface extraction wand and portable or truck mounted extraction machine may be used.
7. Rinse area well with clean water.
8. Repeat the rinsing and wet vacuum process to ensure that all dirt, soil and cleaner residue have been removed.

To remove deep or stubborn oil stains

not completely removed by KlenzAll™ Cleaner, allow the surface dry and use DuPont™ StoneTech® Professional Oil Stain Remover.

1. Apply a 1/4" thick layer of paste to the stain. Ensure that the paste extends at least 1–2" beyond the edge of the stain.
2. Allow 48–72 hours for paste to completely dry to a powder.
3. Remove powder and discard.
4. Allow solvent to completely dry from the stone.
5. If stain is not completely gone after drying, repeat process.
6. Clean up residue and tools with mineral spirits.

For removal of efflorescence, grout haze, salts, mineral deposits and calcium-based stains:

We recommend DuPont™ StoneTech® Professional Restore™ Acidic Cleaner.

1. Make sure surface is clean, dry and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.

3. Specific to this surface, we suggest preparing a solution of Restore™ Acidic Cleaner concentrate mixed with warm water as suggested below:
 - Medium Duty Usage—mix 1 part of Restore™ Acidic Cleaner to 4 parts of water
 - Heavy Duty Usage—mix 1 part of Restore™ Acidic Cleaner to 1 part of water
4. Apply mixed solution with a mop, sponge or sprayer.
5. Agitate well using a stiff nylon bristle scrub brush, stiff bristle push broom or a weighted floor machine at 130–140 lb, 175 rpm fitted with a scrub brush attachment.
6. Remove solution using a sponge, wet/dry vacuum or damp mop. A hard surface extraction wand and portable or truck mounted extraction machine may be used.
7. Rinse area well with clean water.
8. Repeat the rinsing and wet vacuum process to ensure that all dirt, soil and cleaner residue have been removed. Thoroughly rinse all metal surfaces

SEALING AND 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 sealer suggestions are for impregnating the stone and will allow the stone to breathe. Allow new installations to cure for a minimum of 72 hours prior to applying sealer.

For a natural looking protector on interior and exterior surfaces:

We recommend DuPont™ StoneTech® Professional Heavy Duty Sealer, which offers heavy duty protection against oil- and water-based stains in a water-based formula.

1. Make sure surface is clean, and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. Sealer may be applied to damp surfaces one hour after standing water has been removed.
4. Liberally apply an even coat using a paint pad, roller or brush. Do not apply product with sprayer.
5. Allow sealer to penetrate the surface for 15–30 minutes. During this time, distribute sealer over entire area to ensure even penetration. Remove excess sealer by wiping entire surface thoroughly with clean, dry towels.
6. A second coat may be needed for porous, absorbent surfaces and should be applied 30–40 minutes after initial application as directed in steps 4–5.
7. 15–30 minutes after final application, wipe entire surface with clean dry towels to remove any excess sealer. To remove residue, reapply a thin coat of sealer, allow to dwell for 2–3 minutes, agitate with a white nylon pad and dry thoroughly with clean, dry towels.

continued

MARBLE

GRANITE

LIMESTONE

TRAVERTINE

SLATE

SANDSTONE
AND
FLAGSTONETERRA COTTA
AND CLAY
PRODUCTSCONCRETE
AND
MASONRYCERAMIC AND
PORCELAIN
TILE

OTHER

For natural looking protector on exterior surfaces:

We recommend DuPont™ StoneTech® Professional Heavy Duty Exterior Sealer, which offers heavy duty protection against water-based stains and is specially designed for exterior areas such as facades, cladding, pool decks, parking areas and driveways; weather resistant.

1. Make sure surface is clean, and free of waxes and coatings.
2. Mask off any surfaces not intended to be treated.
3. Liberally apply an even coat with a paint pad, paintbrush, paint roller or solvent-resistant, low-pressure sprayer. Do not thin before using.
4. 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.
5. Thoroughly wipe the entire surface with a clean dry cloth to completely remove all excess sealer from the surface. **DO NOT ALLOW EXCESS SEALER TO DRY 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 3–5.
7. If sealer was not completely wiped off and a residue appears, wipe entire surface with a towel dampened with sealer. Use a white nylon 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. Clean up promptly after job is complete, since rags and equipment that are wet with product may be combustible. Clean equipment with mineral spirits and allow equipment and rags to dry in a well-ventilated area out of reach of children and pets. After rags are dry, dispose of in accordance with local waste disposal regulations

For a color enhancing, impregnating protector:

We recommend two products:

- DuPont™ StoneTech® Professional Enhancer, easy-to-use, water-based economical protection against oil- and water-based stains. Enriches the color of natural stone. For interior surfaces.
1. Apply product evenly and liberally using a paint pad, low-pressure chemical-resistant sprayer, roller or brush. Avoid applying product on unintended surfaces.
 2. Allow product to penetrate surface for 15–30 minutes; denser material may require maximum time for Enhancer to penetrate. Spread excess sealer over entire area for even penetration. Following penetration time, completely wipe surface dry with a clean dry towel. **DO NOT ALLOW EXCESS ENHANCER TO DRY COMPLETELY ON SURFACE.**
 3. A second coat may be needed for porous, absorbent surfaces or if a darker appearance is required. Apply second coat 1 hour after first coat following directions in steps 1–2.
 4. A full cure is achieved after 24–72 hours. Foot 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.

5. Clean tools used during application with water.
 - DuPont™ StoneTech® Professional Enhancer Pro™ Sealer, heavy duty protection against oil- and water-based stains. Enriches the color of natural stone. For interior and exterior surfaces.
1. Ensure surface is clean, dry and free of waxes and coatings.
 2. Mask off any surfaces not intended to be treated.
 3. Surface temperature should be between 50–80°F.
 4. Liberally apply an even coat using a paint pad, roller, brush, or pump-up garden sprayer. Do not use a power sprayer, towel, or sponge for application. Do not thin before using.
 5. Allow sealer to penetrate surface for 15–20 minutes. Denser material may require more time to penetrate. **DO NOT ALLOW EXCESS SEALER TO DRY ON SURFACE.** Failure to remove excess sealer from surface may result in residue that may need to be mechanically removed.
 6. Thoroughly wipe surface with multiple dry cloths to remove all excess sealer.
 7. A second coat may be needed for more absorbent surfaces or if darker appearance is required. Sealer should be applied one hour after initial application, as directed in steps 4–5.
 8. Ensure that the area is well-ventilated during application and until the surface is dry to the touch. Keep children and pets out of the area until foot traffic resumes.

For a color enhancing, topical protector:

We recommend three products:

- DuPont™ StoneTech® Professional High Gloss Finishing Sealer, which offers a wet-look finish and protection against stains in a water-based formula.
 - DuPont™ StoneTech® Professional Semi Gloss Finishing Sealer, which offers a light sheen and protection against stains in a water-based formula.
1. Ensure work area is well-ventilated during application and until surface is dry.
 2. Surface must be thoroughly clean, dry, and free of any sealers or coatings before application.
 3. Liberally apply 2–4 even coats with a natural bristle brush, roller, or paint pad applicator. Do not apply product with a sprayer or sponge. Avoid puddling of liquid during application. Failure to apply a sufficient amount of sealer to the surface may result in an undesirable finish or degradation of the coating. More coats may be applied if desired.
 4. Allow 30–45 minutes between coats or until surface is dry to the touch.
 5. Keep surface clean and dry as finished surfaces may become slippery when wet.
 - DuPont™ StoneTech® Professional High Gloss Lacquer, which offers a high gloss and protection against stains in a solvent-based formula. For an easier-to-use, water-based technology we recommend High Gloss Finishing Sealer.
1. Ensure surface is clean, dry and free of waxes and coatings.

2. Allow newly cleaned surface to completely dry prior to applying High Gloss Lacquer.
3. Mask off any surfaces not intended to be treated.
4. Avoid applying in direct sunlight. Apply in air temperatures between 55–80°F and on a cool, dry surface. Use only in a well-ventilated area.
5. While wearing an organic vapor respirator, liberally apply 2–4 even coats with a solvent-resistant natural bristle brush or roller. Failure to apply a sufficient amount of Lacquer to the surface may result in chipping or degradation of the coating. More coats may be applied if desired. Do not thin before using.
6. Allow 1–3 hours between coats or until surface is dry to the touch.
7. After application, do not walk on surface until Lacquer is completely cured. Lacquer will cure in 24–48 hours.
8. Clean up promptly after job is complete, since rags and equipment that are wet with product may be combustible. Clean equipment with mineral spirits and allow equipment and rags to dry in a well-ventilated area out of reach of children and pets. After rags are dry, dispose of in accordance with local waste disposal regulations.

Note: High Gloss Lacquer is not recommended for areas with high moisture intrusion from below the surface, showers, or countertops.

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:

We recommend DuPont™ StoneTech® Professional Stone & Tile Cleaner.

1. Mix 2 ounces of Stone & Tile Cleaner concentrate in 1 gallon of warm or hot water. (Note: One gallon of concentrate makes 64 gallons of cleaning solution.)
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 re-deposited. Wipe or rinse cleaned area.
4. Let area dry completely before using.

You may also use DuPont™ StoneTech® Professional Stone & Tile Cleaner in the ready-to-use spray bottle or wipes.

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K-20541 (08/08)

DuPont™ StoneTech® Professional BulletProof® Sealer

TECHNICAL DATA SHEET



PRODUCT BENEFITS

- Maximum protection against most stains
- Advanced penetrating microbond protection
- Preserves natural look
- Interior and exterior use
- Water-based formula

RECOMMENDED SURFACES

Natural stone such as marble, granite, limestone, travertine, sandstone, saltillo and bluestone.

AVAILABLE SIZES

Pint, Quart, Gallon, 5 Gallon, 55 Gallon

COVERAGE

65–700 sq ft per gallon, depending on porosity of stone.

EXPECTED WEAR

3–5 years on interior surfaces and 1–3 years on exterior surfaces.

TECHNICAL INFORMATION

Form:	Liquid
Specific Gravity:	1.01
HMS Rating:	2,0,0
Flash Point:	NA
Freeze Point:	32°F
pH:	8–9

VOC CONTENT

<400 g/L (excluding water) for EPA purposes.

20 g/L (including water) for U.S. state purposes (Low Solids Coating).

DIRECTIONS

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. Ensure that the area is well-ventilated during application and until the surface is dry. Keep children and pets out of the area until foot traffic resumes.

1. Mask any surfaces not intended to be treated.
2. Liberally apply an even coat using a paint pad, roller or brush. DO NOT APPLY PRODUCT WITH SPRAYER.
3. Allow sealer to penetrate the surface for 15–30 minutes. During this time, distribute sealer over entire area to ensure even penetration. Remove excess sealer by wiping entire surface thoroughly with clean, dry towels.
4. A second coat may be needed for porous, absorbent surfaces and should be applied 30–40 minutes after initial application as directed in steps 2–3.
5. 15–30 minutes after final application, wipe entire surface with clean dry towels to remove any excess sealer. To remove residue, reapply a thin coat of sealer, allow to dwell for 2–3 minutes, agitate with a white nylon pad and dry thoroughly with clean, dry towels.
6. A full cure is achieved after 24–72 hours; foot traffic may begin in 6–8 hours. If foot traffic must resume sooner, cover the floor with red rosin paper to protect it until full cure has been achieved.
7. Clean tools with water.

STORAGE AND HANDLING INSTRUCTIONS

CAUTION: MAY BE HARMFUL IF SWALLOWED. MAY CAUSE EYE, SKIN AND RESPIRATORY IRRITATION. Do not spray. 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.

EMERGENCY/FIRST AID PROCEDURES

Ingestion: Do not induce vomiting. Call poison control center. Call a physician.

Eye Contact: Flush thoroughly with water for at least 15 minutes. Remove contact lenses, if applicable, and continue flushing. Call a physician if eye irritation persists.

Skin Contact: Wash skin with mild soap and water. Call a physician if skin irritation persists. Launder affected clothing before re-wearing.

Inhalation: Remove to fresh air. Call a physician if respiratory irritation persists.

The DuPont™ StoneTech® Professional product line complies with all federal, state and local VOC regulatory requirements and is packaged in containers with at least 25% post-consumer recycled material.

PROTECT

CLEAN

TRANSFORM

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K-20502 (08/08)

DuPont™ StoneTech® Professional Heavy Duty Sealer

TECHNICAL DATA SHEET



PRODUCT BENEFITS

- Heavy duty protection against most stains
- Advanced penetrating microbond protection
- Preserves natural look
- Interior and exterior use
- Water-based formula

RECOMMENDED SURFACES

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

AVAILABLE SIZES

Pint, Quart, Gallon, 5 Gallon, 55 Gallon

COVERAGE

65–700 sq ft per gallon, depending on porosity of stone.

EXPECTED WEAR

3–5 years on interior surfaces and 1–3 years on exterior surfaces.

TECHNICAL INFORMATION

Form:	Liquid
Specific Gravity:	1.01
HMIS Rating:	2,0,0
Flash Point:	NA
Freeze Point:	32°F
pH:	8–9

VOC CONTENT

<400 g/L (excluding water) for EPA purposes.

13 g/L (including water) for U.S. state purposes (Low Solids Coating).

DIRECTIONS

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 1 hour after standing water is removed. Surface temperature should be between 50°F and 80°F. Ensure that the area is well-ventilated during application and until the surface is dry. Keep children and pets out of the area until foot traffic resumes.

1. Mask any surfaces not intended to be treated.
2. Apply sealer evenly and liberally using a paint pad, roller or brush. **DO NOT APPLY PRODUCT WITH A SPRAYER.** Avoid applying sealer on unintended surfaces.
3. Allow sealer to penetrate surface for 15–30 minutes while spreading excess sealer over entire area for even penetration. Remove excess sealer by wiping surface thoroughly with clean, dry towels.
4. Apply second coat as needed for porous, absorbent surfaces 30–40 minutes after first coat, following directions in steps 2–3.
5. 15–30 minutes after final application, wipe entire surface with clean, dry towels to remove any excess sealer. To remove any residue, reapply a thin coat of sealer, wait 2–3 minutes, then rub lightly with a white nylon pad. Wipe again thoroughly with clean, dry towels.
6. A full cure is achieved after 24–72 hours. Foot traffic may begin in 6–8 hours. If needed sooner, cover floor with red rosin paper to protect it until full cure is achieved.
7. Clean tools used during application with water.

STORAGE AND HANDLING INSTRUCTIONS

CAUTION: MAY BE HARMFUL IF SWALLOWED. MAY CAUSE EYE, SKIN, AND RESPIRATORY IRRITATION. Do not spray. Avoid prolonged exposure to vapors. Use only 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.

EMERGENCY/FIRST AID PROCEDURES

Ingestion: Do not induce vomiting. Call poison control center. Call a physician.

Eye Contact: Flush thoroughly with water for at least 15 minutes. Remove contact lenses, if applicable, and continue flushing. Call a physician if eye irritation persists.

Skin Contact: Wash skin with mild soap and water. Call a physician if skin irritation persists. Launder affected clothing before re-wearing.

Inhalation: Remove to fresh air. Call a physician if respiratory irritation persists.

The DuPont™ StoneTech® Professional product line complies with all federal, state and local VOC regulatory requirements and is packaged in containers with at least 25% post-consumer recycled material.

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K-20503 (08/08)

DuPont™ StoneTech® Professional Sealer

TECHNICAL DATA SHEET



PRODUCT BENEFITS

- Standard protection against most stains
- Advanced penetrating microbond protection
- Preserves natural look
- Water-based formula
- Interior and exterior use

RECOMMENDED SURFACES

Natural stone such as marble, granite, limestone, slate, and travertine.

AVAILABLE SIZES

Pint, Quart, Gallon, 5 Gallon, 55 Gallon

COVERAGE

50–800 sq ft per gallon, depending on porosity of stone.

EXPECTED WEAR

3–5 years on interior surfaces and 1–3 years on exterior surfaces.

TECHNICAL INFORMATION

Form:	Liquid
Specific Gravity:	1.002
HMIS Rating:	1,0,0
Flash Point:	NA
Freeze Point:	32°F
pH:	8–9

VOC CONTENT

<400 g/L (excluding water) for EPA purposes.

12 g/L (including water) for U.S. state purposes (Low Solids Coating).

DIRECTIONS

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 1 hour after standing water is removed. Surface temperature should be between 50°F and 80°F. Ensure that the area is well-ventilated during application and until the surface is dry. Keep children and pets out of the area until foot traffic resumes.

1. Mask any surfaces not intended to be treated.
2. Apply sealer evenly and liberally using a paint pad, roller or brush. **DO NOT APPLY PRODUCT WITH A SPRAYER.**
3. Allow sealer to penetrate the surface for 15–30 minutes while spreading excess sealer over entire area for even penetration. Remove excess sealer by wiping surface thoroughly with clean, dry towels.
4. Apply second coat as needed for porous, absorbent surfaces 30–40 minutes after first coat, following directions in steps 2–3.
5. 15–30 minutes after final application, wipe entire surface with clean, dry towels to remove any excess sealer. To remove any residue, reapply a thin coat of sealer, wait 2–3 minutes, then rub lightly with a white nylon pad. Wipe again thoroughly with clean, dry towels.
6. A full cure is achieved after 24–72 hours. Foot traffic may begin in 6–8 hours. If needed sooner, cover floor with red rosin paper to protect it until full cure is achieved.
7. Clean tools used during application with water.

STORAGE AND HANDLING INSTRUCTIONS

CAUTION: MAY BE HARMFUL IF SWALLOWED. MAY CAUSE EYE, SKIN AND RESPIRATORY IRRITATION. Do not spray. Avoid prolonged exposure to vapors. Use only 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.

EMERGENCY/FIRST AID PROCEDURES

Ingestion: Do not induce vomiting. Call poison control center. Call a physician.

Eye Contact: Flush thoroughly with water for at least 15 minutes. Remove contact lenses, if applicable, and continue flushing. Call a physician if eye irritation persists.

Skin Contact: Wash skin with mild soap and water. Call a physician if skin irritation persists. Launder affected clothing before re-wearing.

Inhalation: Remove to fresh air. Call a physician if respiratory irritation persists.

The DuPont™ StoneTech® Professional product line complies with all federal, state and local VOC regulatory requirements and is packaged in containers with at least 25% post-consumer recycled material.

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K-20504 (08/08)

DuPont™ StoneTech® Professional Impregnator Pro® Sealer

TECHNICAL DATA SHEET



PRODUCT BENEFITS

- Heavy duty protection against most stains
- Preserves natural look
- Solvent-based formula
- Interior and exterior use

RECOMMENDED SURFACES

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

AVAILABLE SIZES

Pint, Quart, Gallon, 5 Gallon, 55 Gallon

COVERAGE

150–1,100 sq ft per gallon, depending on porosity of stone.

EXPECTED WEAR

3–5 years on interior surfaces and 1–3 years on exterior surfaces.

TECHNICAL INFORMATION

Form:	Liquid
Specific Gravity:	0.746
HMIS Rating:	2,2,0
Flash Point:	108°F

VOC CONTENT

734 g/L

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DIRECTIONS

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 applying sealer. Make sure surface is clean, dry and free of waxes and coatings. Surface temperature should be between 50°F and 80°F. Keep children and pets out of the area until foot traffic resumes.

1. Ensure area is well-ventilated during application and until the surface is dry. Use a respirator if unsure that area is well-ventilated. A NIOSH-approved respirator with a combination HEPA/organic vapor cartridge is recommended. Follow respirator manufacturer's instructions for use.
2. Mask any surfaces not intended to be treated.
3. Liberally apply an even coat using a paint pad, roller, brush or pump-up garden sprayer. **DO NOT USE A POWER SPRAYER.** See method of application for more information. Do not thin before using.
4. Allow sealer to penetrate surface for 15–30 minutes; denser stone 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 IMPREGNATOR PRO® TO DRY ON SURFACE.**
5. Thoroughly wipe entire surface with dry cloth to remove excess DuPont™ StoneTech® Professional Impregnator Pro® from surface.
6. A second coat may be needed for more porous surfaces and should be applied one hour after initial application, as directed in steps 3–5.
7. If excess sealer was not completely wiped off and a residue appears, wipe entire surface with a towel dampened with sealer. Use a white nylon scrubbing pad to loosen residue and follow with white absorbent towel to remove.
8. 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.
9. Rags and equipment that are wet with product may be combustible. Clean up promptly after job is complete. Clean equipment with mineral spirits and allow to dry in a well-ventilated area. Allow rags to dry in a well-ventilated area out of the reach of children and pets. When dry, dispose of in accordance with local waste disposal regulations.

METHOD OF APPLICATION:

DO NOT USE A POWER SPRAYER. Power sprayers increase exposure hazard. Power sprayers also create a significant amount of overspray resulting in wasted product and the need for additional clean-up. A pump-up garden sprayer will reduce the potential for over-exposure to vapors and produce better results.

For small jobs, use a paint pad, roller or brush. Trigger spray bottles are not recommended. Trigger sprayers create overspray and may not give a uniform application. Better results will be obtained using a pad, roller or brush.

For larger jobs, use a pump-up garden sprayer available at your local garden center, hardware store, or home improvement center.

STORAGE AND HANDLING INSTRUCTIONS

WARNING: COMBUSTIBLE. HARMFUL OR FATAL IF SWALLOWED. Do not ingest. **HARMFUL VAPORS.** Avoid prolonged exposure to vapors. Use only in a well-ventilated area. For spray application, use a pump-up garden sprayer. **DO NOT USE A POWER SPRAYER.** Use a respirator if unsure that work area is well-ventilated. A NIOSH-approved respirator with a combination HEPA/organic vapor cartridge is recommended. Follow respirator manufacturer's instructions for use. **MAY CAUSE EYE, SKIN AND RESPIRATORY IRRITATION.** Avoid contact with eyes and skin. Wear solvent-resistant gloves such as nitrile gloves. **KEEP OUT OF THE REACH OF CHILDREN.** Do not store above 100°F/38°C. Do not mix with other chemicals.

EMERGENCY/FIRST AID PROCEDURES

Ingestion: Do not induce vomiting. Call poison control center. Call a physician.

Eye Contact: Flush thoroughly with water for at least 15 minutes. Remove contact lenses, if applicable, and continue flushing. Call a physician if eye irritation persists.

Skin Contact: Wash skin with mild soap and water. Call a physician if skin irritation persists. Launder affected clothing before re-wearing.

Inhalation: Remove to fresh air. Call a physician if irritation, nausea, dizziness or respiratory problems persist.

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K-20508 (08/08)



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DuPont™ StoneTech® Professional Heavy Duty Exterior Sealer

TECHNICAL DATA SHEET



PRODUCT BENEFITS

- Heavy duty protection against water-based stains
- Weather resistant
- Minimizes efflorescence
- Preserves natural look
- Solvent-based formula
- Exterior use

RECOMMENDED SURFACES

Natural stone such as granite, slate, tumbled stone and sandstone.

Masonry and concrete.

AVAILABLE SIZES

Quart, Gallon, 5 Gallon, 55 Gallon

COVERAGE

560–2,300 sq ft per gallon, depending on porosity of surface.

EXPECTED WEAR

5–10 years.

TECHNICAL INFORMATION

Form:	Liquid
Specific Gravity:	0.756
HMIS Rating:	2,2,0
Flash Point:	104°F

VOC CONTENT

717 g/L

DIRECTIONS

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 and 80°F.

1. Mask any surfaces not intended to be treated.
2. Liberally apply an even coat with a paint pad, paintbrush, paint roller or low-pressure solvent-resistant sprayer. Do not thin before using.
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.
4. Thoroughly wipe the entire surface with a clean dry cloth to completely remove all excess sealer from the surface. DO NOT ALLOW EXCESS SEALER TO DRY ON 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. Do not walk on surface for at least 4–6 hours. Full cure is achieved in 24–72 hours.
8. Clean up promptly after job is complete, since rags and equipment that are wet with product may be combustible. Clean equipment with mineral spirits and allow equipment and rags to dry in a well-ventilated area out of reach of children and pets. After rags are dry, dispose of in accordance with local waste disposal regulations.

STORAGE AND HANDLING INSTRUCTIONS

WARNING: COMBUSTIBLE. HARMFUL OR FATAL IF SWALLOWED. Do not ingest. HARMFUL VAPORS. Avoid prolonged exposure to vapors. Use only in a well-ventilated area. For spray application, use a pump-up garden sprayer. DO NOT USE A POWER SPRAYER. Use a respirator if unsure that work area is well-ventilated. A NIOSH-approved respirator with a combination HEPA/organic vapor cartridge is recommended. Follow respirator manufacturer's instructions for use. MAY CAUSE EYE, SKIN AND RESPIRATORY IRRITATION. Avoid contact with eyes and skin. Wear solvent-resistant gloves such as nitrile gloves. KEEP OUT OF THE REACH OF CHILDREN. Do not store above 100°F/38°C. Do not mix with other chemicals.

EMERGENCY/FIRST AID PROCEDURES

Ingestion: Do not induce vomiting. Call poison control center. Call a physician.

Eye Contact: Flush thoroughly with water for at least 15 minutes. Remove contact lenses, if applicable, and continue flushing. Call a physician if eye irritation persists.

Skin Contact: Wash skin with mild soap and water. Call a physician if skin irritation persists. Launder affected clothing before re-wearing.

Inhalation: Remove to fresh air. Call a physician if irritation, nausea, dizziness or respiratory problems persist.

The DuPont™ StoneTech® Professional product line complies with all federal, state and local VOC regulatory requirements and is packaged in containers with at least 25% post-consumer recycled material.

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K-20505 (08/08)

DuPont™ StoneTech® Professional Advanced Grout Sealer

TECHNICAL DATA SHEET



PRODUCT BENEFITS

- Keeps grout looking new
- Apply as soon as two hours after grouting
- Sprayer designed for use on floors and walls
- Maximum protection against most stains
- For natural stone, ceramic and porcelain tile

RECOMMENDED SURFACES

Grout for natural stone, ceramic and porcelain tile.

AVAILABLE SIZES

13.5 oz Aerosol Can

COVERAGE

200–500 linear ft, depending on porosity of surface.

EXPECTED WEAR

3–5 years on interior surfaces and
1–3 years on exterior surfaces.

TECHNICAL INFORMATION

Form: Aerosol
HMIS Rating: 2,4,0
Flash Point: <0°F

VOC CONTENT

PWMIR <1.50 g O₂/g product
(Clear Coatings)

DIRECTIONS

Read entire label before using. Use only as directed. Ensure area is well-ventilated during application and until surface is dry. Open windows and doors and use exhaust fans. Keep children and pets out of area until foot traffic can be resumed. Always test in a small inconspicuous area to determine appropriate application method and desired results. Avoid spraying surfaces not intended for treatment. For new installations, product can be applied as soon as 2 hours after grouting. For best results, wait 4 hours or more. Grout should be firm to the touch before application. For cured installations, grout must be clean, dry, and free of sealers and coatings.

1. Shake well before using
2. Hold can with extended arm 10 to 16 inches from the grout surface, aim nozzle, and spray sealer evenly along the grout line. Keep can tilted to assure even product distribution.
3. After 10 to 15 minutes, wipe entire surface with dry cloth to remove excess sealer. If using on newly applied grout, wipe lightly to avoid disturbing grout.
4. A second coat is recommended and may be applied within one hour of initial application.
5. Dried residue from excess sealer can be removed from tile surfaces by wiping with a dry cloth.
6. On cured grout, surface traffic may begin 2 hours after final application. For newly installed grout, follow manufacturer's guidance. Keep installation dry for a minimum of 12 hours, optimally 36 to 72 hours.

EMERGENCY/FIRST AID PROCEDURES

Ingestion: Do not induce vomiting. Call poison control center. Call a physician immediately.

Eye Contact: Flush thoroughly with water for at least 15 minutes. Remove contact lenses, if applicable, and continue flushing. Call a physician if eye irritation persists.

Skin Contact: Wash skin with mild soap and water. Call a physician if skin irritation persists. Launder affected clothing before re-wearing.

Inhalation: Remove to fresh air immediately. Call a physician if respiratory irritation, nausea, or dizziness persists.

STORAGE AND HANDLING INSTRUCTIONS

DANGER! EXTREMELY FLAMMABLE. Contains petroleum distillates (aliphatic hydrocarbons, 68551-16-6), and propane (74-98-6) and butane (106-97-8) as propellants. Do not use near sources of ignition, heat, flame, spark, or live electrical equipment, or while smoking. Vapors can travel to distant ignition sources. VAPOR HARMFUL. Do not breathe vapors or spray mist. USE ONLY IN A WELL-VENTILATED AREA. If unsure whether area is well-ventilated, use NIOSH-approved respirator with a combination HEPA/organic vapor cartridge. Prevent build-up of vapors by opening windows and doors and by using exhaust fans. Intentional misuse by deliberately inhaling contents of this container may be HARMFUL OR FATAL. HARMFUL OR FATAL IF SWALLOWED. Do not ingest. MAY CAUSE EYE, SKIN, AND RESPIRATORY IRRITATION. Avoid eye and skin contact. For safest application, wear protective eyewear, gloves, long sleeves, and long pants. CONTENTS UNDER PRESSURE. Do not puncture, incinerate, or store above 120°F/49°C. Exposure to heat or prolonged exposure to sunlight may cause bursting. Do not discard can in trash compactor or burn. Do not mix product with other chemicals. Rags, clothing, and other equipment wet with product may be combustible. Clean up promptly after job is complete. Remove any clothing that comes in contact with product. Allow rags and clothing to dry in well-ventilated area away from children and pets. When dry, dispose of rags. Wash affected clothing before re-wearing. KEEP OUT OF THE REACH OF CHILDREN. For professional or frequent use, a NIOSH-approved respirator with a HEPA/organic vapor cartridge is recommended. Consult product MSDS.

The DuPont™ StoneTech® Professional product line complies with all federal, state and local VOC regulatory requirements and is packaged in containers with at least 25% post-consumer recycled material.

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K-20507 (08/08)

DuPont™ StoneTech® Professional Heavy Duty Grout Sealer

TECHNICAL DATA SHEET



PRODUCT BENEFITS

- Heavy duty protection against most stains
- Protects grout and makes cleaning easier
- Grout for ceramic and porcelain tile
- Preserves natural look
- Water-based formula
- Interior and exterior use

RECOMMENDED SURFACES

Grout for natural stone, ceramic and porcelain tile.

AVAILABLE SIZES

Pint, 24 oz Spray, Quart, Gallon, 5 Gallon, 55 Gallon

COVERAGE

600–1,000 linear ft per gallon, depending on porosity of surface.

EXPECTED WEAR

3–5 years on interior surfaces and 1–3 years on exterior surfaces.

TECHNICAL INFORMATION

Form:	Liquid
Specific Gravity:	1.004
HMIS Rating:	2,0,0
Flash Point:	NA
Freeze Point:	32°F
pH:	4–5

VOC CONTENT

<400 g/L (excluding water) for EPA purposes.

4 g/L (including water) for U.S. state purposes (Low Solids Coating).

DIRECTIONS

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. Be sure surface is clean, thoroughly dry and free of waxes and coatings. Surface temperature should be between 50°F and 80°F before sealing. 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.

1. Apply directly onto grout lines and joints to thoroughly wet surface using a paint pad, roller or brush. Avoid applying sealer on unintended surfaces.
2. Allow sealer to completely penetrate into the grout, 5–15 minutes.
3. Liberally apply a second coat following steps 1–2.
4. Wipe up all sealer from the surface of the tile. Use a clean, dry, lint-free, cotton towel or mop to remove excess sealer.
5. 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.
6. A full cure is achieved after 24-48 hours; foot traffic may begin in 4 hours. If needed sooner, cover the floor with red resin paper to protect it until full cure is achieved.
7. Clean tools used during application with water.

STORAGE AND HANDLING INSTRUCTIONS

CAUTION: MAY BE HARMFUL IF SWALLOWED. MAY CAUSE EYE, SKIN AND RESPIRATORY IRRITATION. Do not ingest. Avoid contact with eyes and skin. Avoid prolonged exposure to vapors. 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 waterways.

EMERGENCY/FIRST AID PROCEDURES

Ingestion: Do not induce vomiting. Call poison control center. Call a physician.

Eye Contact: Flush thoroughly with water for at least 15 minutes. Remove contact lenses, if applicable, and continue flushing. Call a physician if eye irritation persists.

Skin Contact: Wash skin with mild soap and water. Call a physician if skin irritation persists. Launder affected clothing before re-wearing.

Inhalation: Remove to fresh air. Call a physician if respiratory irritation persists.

The DuPont™ StoneTech® Professional product line complies with all federal, state and local VOC regulatory requirements and is packaged in containers with at least 25% post-consumer recycled material.

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K-20506 (08/08)

DuPont™ StoneTech® Professional Grout Release

TECHNICAL DATA SHEET



PRODUCT BENEFITS

- Makes grout clean-up during installation easier
- Prevents grout from staining stone
- Water-based coating
- Interior and exterior use

RECOMMENDED SURFACES

Natural stone such as marble, limestone, travertine, slate, sandstone and tumbled stone.

Masonry and concrete.

Not recommended for use on ceramic tile and dense (low absorbency) stone.

AVAILABLE SIZES

Gallon, 5 Gallon, 55 Gallon

COVERAGE

850–1,700 sq ft per gallon, depending on porosity of surface.

TECHNICAL INFORMATION

Form:	Liquid
Specific Gravity:	1.00
HMIS Rating:	2,0,0
Flash Point:	>230°F
Freeze Point:	32°F
pH:	12

VOC CONTENT

<400 g/L (excluding water) for EPA purposes.

7 g/L (including water) for U.S. state purposes (Low Solids Coating).

DIRECTIONS

Read entire label before using. Use only as directed. Always test in a small inconspicuous area to determine ease of application and desired results. Make sure surface is clean, dry and free of loose debris. Surface temperature should be between 50 and 80°F. Avoid skin and eye contact. Wear protective eyewear, gloves, long sleeves, and long pants while handling product. 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.

1. Mask off and protect any surfaces not intended to be treated.
2. Apply an even coat with a paint pad, paintbrush, paint roller or low-pressure sprayer.
3. Allow Grout Release to completely penetrate the surface for 5–15 minutes.
4. Wipe up all remaining sealer from the surface. Do not allow excess liquid to pool or dry on the surface. Do not over apply.
5. Allow for a minimum of 4 hours cure time prior to grouting.
6. After grouting, remove excess grout. Do not allow grout to completely dry prior to removal.
7. Clean equipment with water.

STORAGE AND HANDLING INSTRUCTIONS

WARNING: CORROSIVE. HARMFUL IF SWALLOWED. MAY CAUSE SEVERE EYE AND SKIN BURNS, AND RESPIRATORY IRRITATION. Do not ingest. Avoid contact with eyes and skin. Use protective eyewear and gloves. Avoid prolonged exposure to vapors. Use in a well-ventilated area. KEEP OUT OF THE REACH OF CHILDREN. Do not freeze or store above 100°F/38°C. Do not mix with other chemicals.

EMERGENCY/FIRST AID PROCEDURES

Ingestion: Do not induce vomiting. Call poison control center. Call a physician.

Eye Contact: Flush thoroughly with water for at least 15 minutes. Remove contact lenses, if applicable, and continue flushing. Call a physician.

Skin Contact: Flush thoroughly with water for 15 minutes. Call a physician if burns or skin irritation persists. Launder affected clothing before re-wearing.

Inhalation: Remove to fresh air. Call a physician if respiratory irritation persists.

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K-20509 (08/08)

DuPont™ StoneTech® Professional Revitalizer® Cleaner & Protector

TECHNICAL DATA SHEET



PRODUCT BENEFITS

- Cleans everyday messes while reinforcing protection
- Water-based formula
- Built-in sealer makes surfaces easier to clean
- Great for stone countertops and everywhere else
- Gentle formula
- Available in citrus scent and cucumber scent

RECOMMENDED SURFACES

Natural stone such as granite, slate, and sandstone.

AVAILABLE SIZES

35 Wipes Canister (citrus or cucumber),
24 oz Spray (ready-to-use, citrus or cucumber),
Gallon Refill (ready-to-use, citrus or cucumber),
Gallon (concentrate, citrus or cucumber),
5 Gallon (concentrate, citrus or cucumber),
55 Gallon (concentrate, citrus or cucumber)

TECHNICAL INFORMATION

Form:	Liquid
Specific Gravity:	0.991
HMIS Rating:	1,1,0
Flash Point:	NA
Freeze Point:	32°F

DIRECTIONS

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. Dilute concentrated cleaner with warm water according to the following mixing chart:

Use	Revitalizer®	Warm Water
Spray refill	1 part	1 part
Light duty	1 part	4 parts

One gallon of concentrate makes up to 5 gallons of solution.

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

STORAGE AND HANDLING INSTRUCTIONS

CAUTION: MAY BE HARMFUL IF SWALLOWED. MAY CAUSE EYE, SKIN AND RESPIRATORY IRRITATION. Do not ingest. Avoid contact with eyes and skin. Avoid prolonged exposure to vapors. KEEP OUT OF THE REACH OF CHILDREN. Do not store above 100°F/38°C. Do not mix with other chemicals.

EMERGENCY/FIRST AID PROCEDURES

Ingestion: Do not induce vomiting. Call poison control center. Call a physician.

Eye Contact: Flush thoroughly with water for at least 15 minutes. Remove contact lenses, if applicable, and continue flushing. Call a physician if eye irritation persists.

Skin Contact: Wash skin with mild soap and water. Call a physician if skin irritation persists. Launder affected clothing before re-wearing.

Inhalation: Remove to fresh air. Call a physician if respiratory irritation persists.

The DuPont™ StoneTech® Professional product line complies with all federal, state and local VOC regulatory requirements and is packaged in containers with at least 25% post-consumer recycled material.

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K-20510 (08/08)

PROTECT

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DuPont™ StoneTech® Professional Stone & Tile Cleaner

TECHNICAL DATA SHEET



PRODUCT BENEFITS

- Cleans everyday messes
- Neutral, gentle formula
- Great for countertops, stone and ceramic tile floors
- Clean scent

RECOMMENDED SURFACES

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

Masonry, concrete, ceramic and porcelain tile and grout.

AVAILABLE SIZES

35 Wipes Canister, 24 oz Spray (ready-to-use), Quart (concentrate), Gallon (concentrate), 5 Gallon (concentrate), 55 Gallon (concentrate)

TECHNICAL INFORMATION

Form:	Liquid
Specific Gravity:	0.999
HMIS Rating:	2,0,0
Flash Point:	NA
Freeze Point:	32°F
pH:	6-7

DIRECTIONS

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.

Dilute concentrated cleaner with warm water according to the following mixing chart:

Use	Stone & Tile Cleaner	Warm Water
Heavy duty	4 oz	1 gallon
Light duty	2 oz	1 gallon

One gallon of concentrate makes up to 64 gallons of cleaning solution.

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

STORAGE AND HANDLING INSTRUCTIONS

WARNING: HARMFUL IF SWALLOWED. MAY CAUSE SEVERE EYE, SKIN AND RESPIRATORY IRRITATION. Do not ingest. Avoid contact with eyes and skin. Avoid prolonged exposure to vapors. Use protective eyewear and gloves when handling concentrate. **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 waterways.

EMERGENCY/FIRST AID PROCEDURES

Ingestion: Do not induce vomiting. Call poison control center. Call a physician.

Eye Contact: Flush thoroughly with water for at least 15 minutes. Remove contact lenses, if applicable, and continue flushing. Call a physician if eye irritation persists.

Skin Contact: Wash skin with mild soap and water. Call a physician if skin irritation persists. Launder affected clothing before re-wearing.

Inhalation: Remove to fresh air. Call a physician if respiratory irritation persists.

The DuPont™ StoneTech® Professional product line complies with all federal, state and local VOC regulatory requirements and is packaged in containers with at least 25% post-consumer recycled material.

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K-20511 (08/08)

DuPont™ StoneTech® Professional KlenzAll™ Cleaner

TECHNICAL DATA SHEET



PRODUCT BENEFITS

- Powers through stubborn grease and soils
- Safe on stone, will not etch
- Professional strength, alkaline formula

RECOMMENDED SURFACES

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

Ceramic and porcelain tile, grout, and DuPont™ Zodiaq® surfaces.

Masonry and concrete.

AVAILABLE SIZES

24 oz Spray (ready-to-use), Quart (concentrate), Gallon (concentrate), 5 Gallon (concentrate)

TECHNICAL INFORMATION

Form:	Liquid
Specific Gravity:	1.012
HMIS Rating:	2,1,0
Flash Point:	NA
Freeze Point:	32°F
pH:	11.0–12.5

DIRECTIONS

Read entire label before using. Use only as directed. Test in small inconspicuous area to determine required dilution and 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, gloves, long sleeves, and long pants while handling concentrate. Ensure work area is well-ventilated during application and until surface is dry. Keep children and pets out of the area during application and drying.

Dilute concentrated cleaner with warm water according to the following mixing chart:

Use	KlenzAll® Cleaner	Warm Water	pH
Heavy duty	1 part	2 parts	11.3
Spray refill	1 part	4 parts	11.0
Light duty	1 part	8 parts	10.7
Acid neutralizer	1 part	32 parts	10.5

1. Apply mixed solution with a mop, sponge or sprayer. Avoid applying cleaner on unintended surfaces.
2. Lightly rub with a scrub brush or floor machine as needed.
3. Remove solution using a sponge, wet/dry vacuum or damp mop.
4. Rinse area well with clean water.
5. Reseal cleaned area with a DuPont™ StoneTech® Professional sealer.

STORAGE AND HANDLING INSTRUCTIONS

WARNING: CORROSIVE. HARMFUL IF SWALLOWED. MAY CAUSE SEVERE EYE AND SKIN BURNS, AND RESPIRATORY IRRITATION. Do not ingest. Avoid contact with eyes and skin. Use protective eyewear and gloves. Avoid prolonged exposure to vapors. Use in a well-ventilated area. 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 waterways.

EMERGENCY/FIRST AID PROCEDURES

Ingestion: Do not induce vomiting. Call poison control center. Call a physician.

Eye Contact: Flush thoroughly with water for at least 15 minutes. Remove contact lenses, if applicable, and continue flushing. Call a physician.

Skin Contact: Flush thoroughly with water for 15 minutes. Call a physician if burns or skin irritation persist. Launder affected clothing before re-wearing.

Inhalation: Remove to fresh air. Call a physician if respiratory irritation persists.

The DuPont™ StoneTech® Professional product line complies with all federal, state and local VOC regulatory requirements and is packaged in containers with at least 25% post-consumer recycled material.

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K-20512 (08/08)

PROTECT

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DuPont™ StoneTech® Professional Restore™ Acidic Cleaner

TECHNICAL DATA SHEET



PRODUCT BENEFITS

- Renews tile and grout
- Cleans away hard water deposits, grout haze, efflorescence and soap scum
- Professional strength, acidic formula

RECOMMENDED SURFACES

Ceramic and porcelain tile, granite, slate, sandstone and grout.

Do not use on colored concrete, dyed granite and acid sensitive stones such as marble, limestone and travertine. If unsure if granite is dyed, test first in a small inconspicuous area. If granite shows discoloration up to 24 hours after applying Restore™, do not use product.

AVAILABLE SIZES

24 oz Spray (ready-to-use), Quart (concentrate), Gallon (concentrate), 5 Gallon (concentrate), 55 Gallon (concentrate)

TECHNICAL INFORMATION

Form:	Liquid
Specific Gravity:	1.083
HMIS Rating:	2,1,0
Flash Point:	NA
Freeze Point:	32°F
pH:	<1

DIRECTIONS

Read entire label before using. Use only as directed. Test in small inconspicuous area to determine required dilution and results. Be sure all surfaces to be cleaned are swept or vacuumed to remove loose debris. Heavy duty dilution may darken some surfaces. **This acid-based cleaner will etch or damage most marble, limestone and travertine surfaces. Will etch or corrode most metal surfaces.** Avoid skin and eye contact. Wear protective eyewear, gloves, long sleeves, and long pants while handling product. Ensure work area is well-ventilated during application and until surface is dry. Keep children and pets out of the area during application and drying.

Dilute concentrated cleaner with warm water according to the following mixing chart:

Use	Restore™ Acidic Cleaner	Warm Water	pH
Heavy duty	1 part	1 part	<1
Spray refill	1 part	4 parts	1.6
Light duty	1 part	16 parts	2.8

1. Apply mixed solution with a clean mop, towel, sponge or sprayer. Avoid applying cleaner on unintended surfaces.
2. Lightly rub with a scrub brush or floor machine as needed.
3. Remove solution using a sponge, wet/dry vacuum or damp mop.
4. Rinse area well with clean water and wipe dry. Thoroughly rinse all metal surfaces with clean water.
5. Reseal cleaned area with a DuPont™ StoneTech® Professional sealer.

STORAGE AND HANDLING INSTRUCTIONS

WARNING: CORROSIVE. HARMFUL IF SWALLOWED. MAY CAUSE SEVERE EYE AND SKIN BURNS, AND RESPIRATORY IRRITATION. Do not ingest. Avoid contact with eyes and skin. Use protective eyewear and gloves. Avoid prolonged exposure to vapors. Use in a well-ventilated area. **KEEP OUT OF THE REACH OF CHILDREN.** Do not freeze or store above 100°F/38°C. Do not mix with other chemicals.

EMERGENCY/FIRST AID PROCEDURES

Ingestion: Do not induce vomiting. Call poison control center. Call a physician.

Eye Contact: Flush thoroughly with water for at least 15 minutes. Remove contact lenses, if applicable, and continue flushing. Call a physician.

Skin Contact: Flush thoroughly with water for 15 minutes. Call a physician if burns or skin irritation persist. Launder affected clothing before re-wearing.

Inhalation: Remove to fresh air. Call a physician if respiratory irritation persists.

The DuPont™ StoneTech® Professional product line complies with all federal, state and local VOC regulatory requirements and is packaged in containers with at least 25% post-consumer recycled material.

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K-20513 (08/08)

DuPont™ StoneTech® Professional Oil Stain Remover

TECHNICAL DATA SHEET



PRODUCT BENEFITS

- Pulls out deep, set-in oil stains
- Leaves no residue
- Will not discolor stone
- Easy to use

RECOMMENDED SURFACES

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

Grout for ceramic and porcelain tile.

Masonry and concrete.

AVAILABLE SIZES

3 oz Can, Pint

COVERAGE

½–1 sq ft of surface at 1/4" thickness.

TECHNICAL INFORMATION

Form:	Paste
Specific Gravity:	1.201
HMIS Rating:	2,1,0
Flash Point:	120°F

DIRECTIONS

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" thick layer of paste to the stain. Ensure that the paste extends at least 1–2" beyond the edge of the stain.
3. Do not cover.
4. Allow 48–72 hours for paste to completely dry to a powder.
5. Remove powder 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. Reseal cleaned area.

STORAGE AND HANDLING INSTRUCTIONS

WARNING: COMBUSTIBLE. HARMFUL IF SWALLOWED. Do not ingest. HARMFUL VAPORS. Avoid prolonged exposure to vapors. Use only in a well-ventilated area. Use a respirator if unsure that work area is well-ventilated. A NIOSH approved respirator with an organic vapor cartridge is recommended. Follow respirator manufacturer's instructions for use. MAY CAUSE EYE, SKIN AND RESPIRATORY IRRITATION. Avoid contact with eyes and skin. Wear solvent-resistant gloves such as nitrile gloves. KEEP OUT OF THE REACH OF CHILDREN. Do not store above 100°F/38°C. Do not mix with other chemicals.

EMERGENCY/FIRST AID PROCEDURES

Ingestion: Do not induce vomiting. Call poison control center. Call a physician.

Eye Contact: Flush thoroughly with water for at least 15 minutes. Remove contact lenses, if applicable, and continue flushing. Call a physician if eye irritation persists.

Skin Contact: Wash skin with mild soap and water. Call a physician if skin irritation persists. Launder affected clothing before re-wearing.

Inhalation: Remove to fresh air. Call a physician if respiratory irritation persists.

The DuPont™ StoneTech® Professional product line complies with all federal, state and local VOC regulatory requirements.

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K-20514 (08/08)

DuPont™ StoneTech® Professional Heavy Duty Coating Stripper

TECHNICAL DATA SHEET



PRODUCT BENEFITS

- Professional strength formula
- Removes tough coatings, lacquers, varnishes and epoxy grout haze
- Low odor and non-flammable
- Easy to use, water-based formula

RECOMMENDED SURFACES

Suitable for all natural stone surfaces including slate, marble, and saltillo. Not intended for use on surfaces other than stone and masonry.

AVAILABLE SIZES

Quart, Gallon, 5 Gallon

COVERAGE

80–200 sq ft per gallon, depending on thickness of the application or the amount of coating to be removed.

TECHNICAL INFORMATION

Form:	Viscous Liquid
Specific Gravity:	1.1
HMS Rating:	1,1,0
Flash Point:	>200°F
Freeze Point:	32°F
pH:	7

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DIRECTIONS

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. 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. Product can cause plastics (e.g., PET) to haze, and can dull linoleum surfaces. Avoid applying in direct sunlight. Should not be used in extreme temperatures. Recommended application temperature range is 50°F to 90°F.

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 over the required area with a paint brush, mop or paint pad. DO NOT APPLY PRODUCT WITH A SPRAYER. Apply a second coat 10 minutes after the first coat to even out the thickness of the application. Immediately remove product from unintended surfaces with a wet cloth to prevent potential damage to those surfaces.
4. Application times will vary depending on type of coating being removed. The following are approximate application times:
 - Sealer, wax and varnish: 30 to 60 minutes
 - Polyurethane and acrylic: 1 to 2 hours
 - Epoxy grout haze: 1 to 2 hours
5. Do not let Heavy Duty Coating Stripper dry on the surface. If product starts to dry, add water 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 coating with clean, dry cloths.
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.

STORAGE AND HANDLING INSTRUCTIONS

CAUTION: MAY BE HARMFUL IF SWALLOWED. MAY CAUSE EYE, SKIN AND RESPIRATORY IRRITATION. Do not ingest. Avoid prolonged exposure to vapors. Use in a well-ventilated area. Prolonged exposure by inhalation or skin contact may cause temporary blurring of vision. Rubber gloves and eye protection should be worn during handling and application to prevent skin and eye contact. 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 flush unused product to surface water or sanitary sewer system. Dispose of in accordance with waste disposal regulations.

EMERGENCY/FIRST AID PROCEDURES

Ingestion: Do not induce vomiting. Call poison control center. Call a physician immediately.

Eye Contact: Flush thoroughly with water for at least 15 minutes. Remove contact lenses, if applicable, and continue flushing. Call a physician if eye irritation or blurry vision persists.

Skin Contact: Wash skin with mild soap and water. Call a physician if skin irritation or blurry vision persists. Launder affected clothing before re-wearing.

Inhalation: Remove to fresh air. Call a physician if irritation, nausea, dizziness, blurry vision or respiratory problems persist.

The DuPont™ StoneTech® Professional product line complies with all federal, state and local VOC regulatory requirements and is packaged in containers with at least 25% post-consumer recycled material.

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K-20515 (08/08)



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DuPont™ StoneTech® Professional Polish

TECHNICAL DATA SHEET



PRODUCT BENEFITS

- Adds quick, brilliant shine to polished stone
- No greasy film
- Easy to use formula
- Great for kitchen countertops and bathroom vanities

RECOMMENDED SURFACES

Polished natural stone such as marble, granite, limestone, and travertine. NOT FOR USE ON FLOORS. MAY CREATE SLIPPING HAZARD.

AVAILABLE SIZES

24 oz Spray

TECHNICAL INFORMATION

Form:	Liquid
Specific Gravity:	0.846
HMIS Rating:	1,1,0
Flash Point:	146°F
Freeze Point:	32°F
pH:	6.5

VOC CONTENT

<100 g/L (excluding water) for EPA purposes.

17 g/L (including water) for U.S. state purposes (Low Solids Coating).

DIRECTIONS

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.

1. Spray a light coat over the entire surface.
2. Spread the polish evenly with a clean, white terry cloth towel.
3. Buff off polish.
4. Continue buffing until there is no visible polish left and high shine appears.

STORAGE AND HANDLING INSTRUCTIONS

CAUTION: MAY BE HARMFUL IF SWALLOWED. MAY CAUSE EYE, SKIN AND RESPIRATORY IRRITATION. Do not ingest. Avoid contact with eyes and skin. Avoid prolonged exposure to vapors. KEEP OUT OF THE REACH OF CHILDREN. Do not freeze or store above 100°F/38°C. Do not mix with other chemicals.

EMERGENCY/FIRST AID PROCEDURES

Ingestion: Do not induce vomiting. Call poison control center. Call a physician.

Eye Contact: Flush thoroughly with water for at least 15 minutes. Remove contact lenses, if applicable, and continue flushing. Call a physician if eye irritation persists.

Skin Contact: Wash skin with mild soap and water. Call a physician if skin irritation persists. Launder affected clothing before re-wearing.

Inhalation: Remove to fresh air. Call a physician if respiratory irritation persists.

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K-20516 (08/08)

DuPont™ StoneTech® Professional Enhancer Pro™ Sealer

TECHNICAL DATA SHEET



PRODUCT BENEFITS

- Enriches color
- Heavy duty protection against most stains
- Interior and exterior use, weather resistant
- Solvent-based formula

RECOMMENDED SURFACES

Natural stone such as limestone, slate, travertine, sandstone, flagstone, tumbled stone, flamed and textured stone, and bluestone.

AVAILABLE SIZES

Pint, Quart, Gallon*, 5 Gallon*, 55 Gallon*

* Sizes not available in all areas.

COVERAGE

200–1,000 sq. ft. per gallon, depending on porosity of stone.

EXPECTED WEAR

3–5 years.

TECHNICAL INFORMATION

Form:	Liquid
Specific Gravity:	0.80
HMIS Rating:	2,3,1
Flash Point:	83°F

VOC CONTENT

629 g/L

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DIRECTIONS

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 and 80°F. Ensure that the area is well-ventilated during application and until the surface is dry. Keep children and pets out of the area until foot traffic resumes.

1. Mask off any surfaces not intended to be treated.
2. Liberally apply an even coat using a paint pad, roller, brush, or pump-up garden sprayer. Do not use a power sprayer, towel, or sponge for application. Do not thin before using. See Method of Application for more instructions.
3. Allow sealer to penetrate surface for 15–20 minutes. Denser material may require more time to penetrate. DO NOT ALLOW EXCESS SEALER TO DRY ON SURFACE. Failure to remove excess sealer from surface may result in residue that may need to be mechanically removed.
4. Thoroughly wipe surface with multiple dry cloths to remove all excess sealer.
5. A second coat may be needed for more absorbent surfaces. If darker appearance is required, sealer should be applied one hour after initial application, as directed in steps 2–4.
6. Full cure is achieved after 24–72 hours. Avoid foot traffic for 6–8 hours after application. If foot traffic must resume sooner, cover the floor with red rosin paper to protect it until full cure has been achieved. Red rosin paper is not needed to apply second coat.
7. Clean equipment with mineral spirits. Rags and equipment that are wet with product may be flammable. Clean up promptly after job is complete. Clean equipment with mineral spirits and allow to dry in a well-ventilated area. Allow rags to dry in a well-ventilated area out of reach of children and pets. When dry, dispose of in accordance with local waste disposal regulations.

STORAGE AND HANDLING INSTRUCTIONS

WARNING: FLAMMABLE. Keep away from heat, sparks, and open flames. **HARMFUL OR FATAL IF SWALLOWED.** Do not ingest. **HARMFUL VAPORS.** Avoid prolonged exposure to vapors. Use only in a well-ventilated area. For spray application, use a pump-up garden sprayer. **DO NOT USE A POWER SPRAYER.** Use a respirator if unsure that work area is well-ventilated. A NIOSH-approved respirator with a combination HEPA/organic vapor cartridge is recommended. Follow respirator manufacturer's instructions for use. **MAY CAUSE EYE, SKIN AND RESPIRATORY IRRITATION.** Avoid contact with eyes and skin. Wear solvent-resistant gloves such as nitrile gloves. **KEEP OUT OF THE REACH OF CHILDREN.** Do not store above 100°F/38°C. Do not mix with other chemicals.

METHOD OF APPLICATION

For small jobs, use a paint pad, roller, or brush. For larger jobs, use a pump-up garden sprayer available at your local garden center, hardware store, or home improvement center. Do not use a power sprayer. Power sprayers create a significant amount of overspray, resulting in wasted product and the need for additional clean-up. A pump-up garden sprayer will reduce the potential for over-exposure to vapors and produce better results. Distribute sealer evenly over entire surface. Uneven penetration will result in blotchy appearance.

EMERGENCY/FIRST AID PROCEDURES

Ingestion: Do not induce vomiting. Call poison control center. Call a physician.

Eye Contact: Flush thoroughly with water for at least 15 minutes. Remove contact lenses, if applicable and continue flushing. Call a physician if eye irritation persists.

Skin Contact: Wash skin with mild soap and water. Call a physician if skin irritation persists. Launder affected clothing before re-wearing.

Inhalation: Remove to fresh air. Call a physician if irritation, nausea, dizziness or respiratory problems persist.

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K-20517 (05/08)



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DuPont™ StoneTech® Professional Enhancer

TECHNICAL DATA SHEET



PRODUCT BENEFITS

- Enriches color
- Standard protection against most stains
- Easy to use, water-based formula
- Interior use

RECOMMENDED SURFACES

Unpolished natural stone such as bluestone, flagstone, travertine, limestone, slate, textured stone, flamed stone and tumbled stone.

Grout, masonry and concrete.

AVAILABLE SIZES

Quart, Gallon, 5 Gallon, 55 gallon

COVERAGE

75–250 sq ft per gallon.

EXPECTED WEAR

3–5 years on interior surfaces.

TECHNICAL INFORMATION

Form:	Liquid
Specific Gravity:	0.983
HMIS Rating:	2,1,0
Flash Point:	>230°F
Freeze Point:	32°F
pH:	4.5

VOC CONTENT

<400 g/L (excluding water) for EPA purposes.

19 g/L (including water) for U.S. state purposes (Low Solids Coating).

DIRECTIONS

Read entire label before using. Use only as directed. 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. Be sure surface is clean, thoroughly dry and free of sealers, waxes and coatings. Not recommended for exterior surfaces. Avoid skin and eye contact. Wear protective eyewear and gloves. Ensure work area is well-ventilated during application and until surface is dry. Keep children and pets out of the area during application and drying.

1. Shake well before using.
2. Apply product evenly and liberally using a paint pad, low-pressure chemical-resistant sprayer, roller or brush. Avoid applying product on unintended surfaces.
3. Allow product to penetrate the surface for 15–30 minutes; denser material may require maximum time for Enhancer to penetrate. Keep surface wet with sealer, adding more product if needed to prevent dry spots, for the entire penetration time. Following penetration time, completely wipe surface clean and dry with absorbent towels. **DO NOT ALLOW EXCESS ENHANCER TO DRY COMPLETELY ON SURFACE.**
4. A second coat may be needed for porous, absorbent surfaces or if a darker appearance is required. Apply second coat 1 hour after first coat following directions in steps 1–2.
5. A full cure is achieved after 24–72 hours; foot 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.
6. Clean tools used during application with water.

STORAGE AND HANDLING INSTRUCTIONS

CAUTION: HARMFUL IF SWALLOWED. MAY CAUSE EYE, SKIN AND RESPIRATORY IRRITATION. Do not ingest. Avoid contact with eyes and skin. Avoid prolonged exposure to vapors. **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 waterways.

EMERGENCY/FIRST AID PROCEDURES

Ingestion: Do not induce vomiting. Call poison control center. Call a physician immediately.

Eye Contact: Flush thoroughly with water for at least 15 minutes. Remove contact lenses, if applicable, and continue flushing. Call a physician if eye irritation persists.

Skin Contact: Wash skin with mild soap and water. Call a physician if skin irritation persists. Launder affected clothing before re-wearing.

Inhalation: Remove to fresh air. Call a physician if respiratory irritation persists.

The DuPont™ StoneTech® Professional product line complies with all federal, state and local VOC regulatory requirements and is packaged in containers with at least 25% post-consumer recycled material.

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K-20518 (08/08)

DuPont™ StoneTech® Professional High Gloss Finishing Sealer

TECHNICAL DATA SHEET



PRODUCT BENEFITS

- Two-in-one formula leaves a wet-look finish and protects against stains
- Interior use
- Easy to use, water-based formula

RECOMMENDED SURFACES

Slate, saltillo, limestone, travertine and concrete floors. Not intended for use on glazed, polished, or non-absorbing surfaces, wood floors and decks, showers, countertops, or near pool areas.

AVAILABLE SIZES

Quart, Gallon, 5 Gallon

COVERAGE

100–300 sq ft per gallon, depending on porosity of surface.

EXPECTED WEAR

3–5 years. Touch up on higher traffic areas may be required on a more frequent basis.

TECHNICAL INFORMATION

Form:	Liquid
Specific Gravity:	1.012
HMS Rating:	2,1,0
Flash Point:	>200°F
Freeze Point:	32°F
pH:	7

VOC CONTENT

<50 g/L

LEED points qualified product.

DIRECTIONS

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. 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 applying in direct sunlight. 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. 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, sealer can be applied as soon as 48–72 hours after grouting. Fresh concrete slabs require a minimum of 28 days to cure before applying the sealer.

1. Liberally apply 2–4 even coats with a natural bristle brush, roller, or paint pad applicator. Do not apply product with a sprayer or sponge. Avoid puddling of liquid during application. Failure to apply a sufficient amount of sealer to the surface may result in an undesirable finish or degradation of the coating. More coats may be applied if desired.
2. Allow 30–45 minutes between coats or until surface is dry to the touch.
3. 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.
4. Keep surface clean and dry as finished surfaces may become slippery when wet.

STORAGE AND HANDLING INSTRUCTIONS

CAUTION: MAY BE HARMFUL IF SWALLOWED. MAY CAUSE EYE, SKIN, AND RESPIRATORY IRRITATION. Do not ingest. Avoid contact with eyes and skin. Avoid prolonged exposure to vapors. KEEP OUT OF THE REACH OF CHILDREN. Do not freeze or store above 100°F/38°C. Do not mix with other chemicals.

EMERGENCY/FIRST AID PROCEDURES

Ingestion: Do not induce vomiting. Call poison control center. Call a physician immediately.

Eye Contact: Flush thoroughly with water for at least 15 minutes. Remove contact lenses, if applicable, and continue flushing. Call a physician if eye irritation persists.

Skin Contact: Wash skin with mild soap and water. Call a physician if skin irritation persists. Launder affected clothing before re-wearing.

Inhalation: Remove to fresh air. Call a physician if irritation, nausea, dizziness, blurry vision or respiratory problems persist.

The DuPont™ StoneTech® Professional product line complies with all federal, state and local VOC regulatory requirements and is packaged in containers with at least 25% post-consumer recycled material.

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K-20519 (08/08)

DuPont™ StoneTech® Professional Semi Gloss Finishing Sealer

TECHNICAL DATA SHEET



PRODUCT BENEFITS

- Two-in-one formula leaves a light sheen and protects against stains
- Interior use
- Easy to use, water-based formula

RECOMMENDED SURFACES

Slate, saltillo, limestone, travertine and concrete floors. Not intended for use on glazed, polished, or non-absorbing surfaces, wood floors and decks, showers, countertops, or near pool areas.

AVAILABLE SIZES

Quart, Gallon, 5 Gallon

COVERAGE

100–300 sq ft per gallon, depending on porosity of stone.

EXPECTED WEAR

3–5 years. Touch up on higher traffic areas may be required on a more frequent basis.

TECHNICAL INFORMATION

Form:	Liquid
Specific Gravity:	1.01
HMS Rating:	2,1,0
Flash Point:	>200°F
Freeze Point:	32°F
pH:	8

VOC CONTENT

<50 g/L

LEED points qualified product.

DIRECTIONS

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. 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 applying in direct sunlight. 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. 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, sealer can be applied as soon as 48–72 hours after grouting. Fresh concrete slabs require a minimum of 28 days to cure before applying the sealer.

1. Liberally apply 2–4 even coats with a natural bristle brush, roller, or paint pad applicator. Do not apply product with a sprayer or sponge. Avoid puddling of liquid during application. Failure to apply a sufficient amount of sealer to the surface may result in an undesirable finish or degradation of the coating. More coats may be applied if desired.
2. Allow 30–45 minutes between coats or until surface is dry to the touch.
3. 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.
4. Keep surface clean and dry as finished surfaces may become slippery when wet.

STORAGE AND HANDLING INSTRUCTIONS

CAUTION: MAY BE HARMFUL IF SWALLOWED. MAY CAUSE EYE, SKIN, AND RESPIRATORY IRRITATION. Do not ingest. Avoid contact with eyes and skin. Avoid prolonged exposure to vapors. KEEP OUT OF THE REACH OF CHILDREN. Do not freeze or store above 100°F/38°C. Do not mix with other chemicals.

EMERGENCY/FIRST AID PROCEDURES

Ingestion: Do not induce vomiting. Call poison control center. Call a physician immediately.

Eye Contact: Flush thoroughly with water for at least 15 minutes. Remove contact lenses, if applicable, and continue flushing. Call a physician if eye irritation persists.

Skin Contact: Wash skin with mild soap and water. Call a physician if skin irritation persists. Launder affected clothing before re-wearing.

Inhalation: Remove to fresh air. Call a physician if irritation, nausea, dizziness, blurry vision or respiratory problems persist.

The DuPont™ StoneTech® Professional product line complies with all federal, state and local VOC regulatory requirements and is packaged in containers with at least 25% post-consumer recycled material.

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K-20520 (08/08)

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DuPont™ StoneTech® Professional High Gloss Lacquer

TECHNICAL DATA SHEET



PRODUCT BENEFITS

- Topical high gloss look and enriches color
- Maximum protection against most stains
- Solvent-based
- Interior and exterior use

RECOMMENDED SURFACES

Natural stone, masonry and concrete (outdoor patios, walkways, driveways, garage floors, concrete slabs, sidewalks, retaining walls and BBQ areas). Not intended for use on dense, glazed, polished, or non-absorbing surfaces (ceramic tile, porcelain tile), wood floors and decks, showers, countertops, and near pool areas.

AVAILABLE SIZES

Gallon, 5 Gallon

COVERAGE

100–400 sq ft per gallon.

TECHNICAL INFORMATION

Form:	Liquid
Specific Gravity:	0.92
HMIS Rating:	2,3,0
Flash Point:	40°F
Freeze Point:	—

VOC CONTENT

271 g/L

Product not available in all areas.

DIRECTIONS

Read entire label before using. Use only as directed. Always test in an inconspicuous area to determine that the desired results will be achieved and to ensure good adhesion. Surface must be thoroughly clean and dry before application. Lacquer should not be applied to a wet or moist surface. Not recommended for areas with high moisture intrusion from below the surface. Application to a dirty or dusty surface will affect adhesion.

1. Use DuPont™ StoneTech® Professional KlenzAll™ Cleaner or DuPont™ StoneTech® Professional Restore™ Acidic Cleaner as needed to thoroughly clean surface. To remove previously applied lacquers and coatings, use DuPont™ StoneTech® Professional Heavy Duty Coating Stripper.
2. Allow newly cleaned surface to completely dry prior to applying Lacquer.
3. Fresh concrete requires a minimum of 28 days to cure before applying Lacquer.
4. Avoid applying in direct sunlight. Apply in air temperatures between 55–80°F and on a cool, dry surface. Use only in a well-ventilated area.
5. While wearing an organic vapor respirator, liberally apply 2–4 even coats with a solvent-resistant natural bristle brush or roller. Failure to apply a sufficient amount of Lacquer to the surface may result in chipping or degradation of the coating. More coats may be applied if desired. Do not thin before using.
6. Allow 1–3 hours between coats or until surface is dry to the touch.
7. After application, do not walk on surface until Lacquer is completely cured. Lacquer will cure in 24–48 hours.
8. Rags and equipment that are wet with product may be flammable. Clean up promptly after job is complete. Clean equipment with lacquer thinner and allow to dry in a well-ventilated area. Allow rags to dry in a well-ventilated area out of the reach of children and pets. When dry, dispose of in accordance with local waste disposal regulations.
9. Lacquer can be reapplied over existing coat of Lacquer to touch up scratches, bubbles, footprints, etc. No stripping is required. Finished surfaces may be slippery when wet.

STORAGE AND HANDLING INSTRUCTIONS

WARNING: FLAMMABLE. Keep away from heat, sparks and open flames. HARMFUL IF SWALLOWED. Do not ingest. HARMFUL VAPORS. Avoid prolonged exposure to vapors. Use only in a well-ventilated area. Open all windows and doors to prevent vapor build-up. MAY CAUSE EYE, SKIN AND RESPIRATORY IRRITATION. Avoid contact with eyes and skin. Wear protective gloves, eyewear and a NIOSH approved organic vapor respirator when applying. KEEP OUT OF THE REACH OF CHILDREN. Do not store above 100°F/38°C. Do not mix with other chemicals.

EMERGENCY/FIRST AID PROCEDURES

Ingestion: Do not induce vomiting. Call poison control center. Call a physician.

Eye Contact: Flush thoroughly with water for at least 15 minutes. Remove contact lenses, if applicable, and continue flushing. Call a physician.

Skin Contact: Wash skin thoroughly with mild soap and water. Call a physician if skin irritation persists. Launder affected clothing before re-wearing.

Inhalation: Remove to fresh air. Call a physician if irritation, nausea, dizziness or respiratory problems persist.

The DuPont™ StoneTech® Professional product line complies with all federal, state and local VOC regulatory requirements.

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K-20521 (08/08)

DuPont™ StoneTech® Professional Honing Powders

TECHNICAL DATA SHEET



PRODUCT BENEFITS

- Creates honed finishes
- Sets up stone for polishing and shining
- Different grits eliminate mild to deep scratches
- Non-acidic

RECOMMENDED SURFACES

Natural stone such as marble, limestone, travertine and terrazzo.

AVAILABLE SIZES

1.9 lb Bottle, 25 lb Container

Available in 180, 280, 400, 600 and 800 grit

COVERAGE

600 grit: 1,000–2,000 sq ft per pound

800 grit: 750–1,500 sq ft per pound

TECHNICAL INFORMATION

Form:	Powder
Density:	3.6
HMIS Rating:	2,0,0

DIRECTIONS

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 grout installations to cure for a minimum of 72 hours prior to application. Make sure surface is clean, dry and free of waxes and coatings.

1. If surface is heavily soiled, pre-clean with DuPont™ StoneTech® Professional KlenzAll™ Cleaner if needed.
2. Mask any surfaces not intended to be treated.
3. If you are using a variety of abrasive grits, ensure that the surface is well rinsed and a new pad is used for each changeover.
4. Apply approximately 1/2 cup Honing Powder plus 1 cup clean water to stone surface.
5. Refinish using a hand orbital sander or weighted floor machine at 130–140 lbs., 175 rpm, fitted with a natural hair pad.
6. Keep compound wet while refinishing with plenty of water. Add Honing Powder as needed.
7. Refinish area until the desired level of hone has been achieved.
8. Rinse well and use a wet vacuum or hot water extraction unit to remove all remaining compound.
9. Clean equipment with water.

Use successively higher grits of Honing Powder to close the face of the stone and follow with DuPont™ StoneTech® Professional Polishing Powder and DuPont™ StoneTech® Professional Shining Powder as applicable.

STORAGE AND HANDLING INSTRUCTIONS

CAUTION: MAY CAUSE MILD EYE AND RESPIRATORY IRRITATION. Do not ingest. Avoid contact with eyes and skin. Avoid inhalation of dust. KEEP OUT OF THE REACH OF CHILDREN.

EMERGENCY/FIRST AID PROCEDURES

Ingestion: Do not induce vomiting. Call poison control center. Drink large quantities of water. Call a physician.

Eye Contact: Flush thoroughly with water for at least 15 minutes. Remove contact lenses, if applicable, and continue flushing. Call a physician if eye irritation persists.

Skin Contact: Wash skin with mild soap and water. Call a physician if skin irritation persists. Launder affected clothing before re-wearing.

Inhalation: Remove to fresh air. Call a physician if respiratory irritation persists.

The DuPont™ StoneTech® Professional product line complies with all federal, state and local VOC regulatory requirements and is packaged in containers with at least 25% post-consumer recycled material.

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K-20522 (08/08)

DuPont™ StoneTech® Professional Polishing Powder

TECHNICAL DATA SHEET



PRODUCT BENEFITS

- Creates smooth, satin finish
- Eliminates etch marks and light wear patterns
- Non-acidic

RECOMMENDED SURFACES

Natural stone such as marble, limestone, travertine and terrazzo.

AVAILABLE SIZES

1.55 lb Bottle, 10 lb Container

COVERAGE

500–1,000 sq ft per pound.

TECHNICAL INFORMATION

Form:	Powder
Density:	3.6
HMIS Rating:	2,0,0

DIRECTIONS

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 grout installations to cure for a minimum of 72 hours prior to application. Make sure surface is clean, dry and free of waxes and coatings.

1. If surface is heavily soiled, pre-clean with DuPont™ StoneTech® Professional KlenzAll™ Cleaner if needed.
2. Mask any surfaces not intended to be treated.
3. If using DuPont™ StoneTech® Professional Shining Powder following the use of Polishing Powder, ensure that the surface is well rinsed and a new pad is used.
4. Apply approximately 1/2 cup Polishing Powder plus 1 cup clean water to stone surface.
5. Refinish using a hand orbital sander or weighted floor machine at 130–140 lb, 175 rpm, fitted with a natural hair pad.
6. Keep compound wet while refinishing with plenty of water. Add Polishing Powder as needed.
7. Refinish area until desired level of polish is achieved.
8. For a highly polished finish follow with Shining Powder.
9. Rinse well and use a wet vacuum or hot water extraction unit to remove all remaining compound.

STORAGE AND HANDLING INSTRUCTIONS

CAUTION: MAY CAUSE MILD EYE AND RESPIRATORY IRRITATION. Do not ingest. Avoid contact with eyes and skin. Avoid inhalation of dust. KEEP OUT OF THE REACH OF CHILDREN.

EMERGENCY/FIRST AID PROCEDURES

Ingestion: Do not induce vomiting. Call poison control center. Drink large quantities of water. Call a physician.

Eye Contact: Flush thoroughly with water for at least 15 minutes. Remove contact lenses, if applicable, and continue flushing. Call a physician if eye irritation persists.

Skin Contact: Wash skin with mild soap and water. Call a physician if skin irritation persists. Launder affected clothing before re-wearing.

Inhalation: Remove to fresh air. Call a physician if respiratory irritation persists.

The DuPont™ StoneTech® Professional product line complies with all federal, state and local VOC regulatory requirements and is packaged in containers with at least 25% post-consumer recycled material.

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K-20523 (08/08)

DuPont™ StoneTech® Professional Shining Powder

TECHNICAL DATA SHEET



PRODUCT BENEFITS

- Creates high shine finish
- Brings back luster of polished stone
- Non-acidic

RECOMMENDED SURFACES

Natural stone such as marble, limestone, travertine and terrazzo.

AVAILABLE SIZES

1.5 lb Bottle, 10 lb Container

COVERAGE

500–1,000 sq ft per pound

TECHNICAL INFORMATION

Form:	Powder
Density:	3.6
HMIS Rating:	2,2,0

DIRECTIONS

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 grout installations to cure for a minimum of 72 hours prior to application. Make sure surface is clean, dry and free of waxes and coatings.

1. If surface is heavily soiled, pre-clean with DuPont™ StoneTech® Professional KlenzAll™ Cleaner if needed.
2. Mask any surfaces not intended to be treated.
3. If using Shining Powder following the use of DuPont™ StoneTech® Professional Polishing Powder, ensure that the surface is well rinsed and a new pad is used.
4. Ensure surface is flat and smooth. Deep scratches or strong acid etching may require refinishing with DuPont™ StoneTech® Professional Honing Powder and/or Polishing Powder prior to using Shining Powder.
5. Apply approximately 1/2 cup Shining Powder plus 1 cup clean water to stone surface.
6. Refinish using a hand orbital sander or weighted floor machine at 130–140 lb, 175 rpm, fitted with a natural hair pad.
7. Keep Shining Powder wet with water while refinishing. Add Shining Powder as needed.
8. Refinish area until desired level of shine is achieved.
9. Rinse well and use wet vacuum or hot water extraction unit to remove all remaining Shining Powder.

STORAGE AND HANDLING INSTRUCTIONS

CAUTION: COMBUSTIBLE. MAY CAUSE MILD EYE AND RESPIRATORY IRRITATION. Do not ingest. Avoid contact with eyes and skin. Avoid inhalation of dust. KEEP OUT OF THE REACH OF CHILDREN.

EMERGENCY/FIRST AID PROCEDURES

Ingestion: Do not induce vomiting. Call poison control center. Drink large quantities of water. Call a physician.

Eye Contact: Flush thoroughly with water for at least 15 minutes. Remove contact lenses, if applicable, and continue flushing. Call a physician if eye irritation persists.

Skin Contact: Wash skin with mild soap and water. Call a physician if skin irritation persists. Launder affected clothing before re-wearing.

Inhalation: Remove to fresh air. Call a physician if respiratory irritation persists.

The DuPont™ StoneTech® Professional product line complies with all federal, state and local VOC regulatory requirements and is packaged in containers with at least 25% post-consumer recycled material.

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K-20524 (08/08)

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