

UltraCare™

Maintenance **Guide**



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ADHESIVES • SEALANTS • CHEMICAL PRODUCTS FOR BUILDING

Table of Contents

Cross-Reference Chart.....	1	Sealing & Maintenance	
Types of Natural Stone.....	2	by Surface Type	6
• Classifications of Stone Types.....	2	Adoquin/Cantera Stone	6
• Density and Hardness.....	2	Agglomerate Stone Embedded in Cement.....	7
How Rocks Are Classified	3	Brick – Clay	8
• Igneous.....	3	Concrete Tile.....	9
• Sedimentary	3	Granite – Flamed.....	10
• Metamorphic	3	Granite – Honed.....	11
Types of Surface Finishes.....	4	Granite – Polished	12
• Polished.....	4	Grout – Cementitious.....	13
• Honed	4	Limestone & Marble – Honed	14
• Tumbled.....	4	Limestone & Marble – Polished.....	15
• Flamed	5	Limestone & Marble – Tumbled	16
• Sandblasted	5	Porcelain Tile – Polished & Unpolished.....	17
• Hammered or Chiseled	5	Porcelain Tile – Textured	18
		Quarry Tile.....	19
		Salttillo Tile.....	20
		Sandstone	21
		Shellstone (Fossil Stone).....	22
		Slate	23
		Terra-Cotta Tile.....	24
		Terrazzo.....	25
		Maintenance Recommendations	26
		Frequently Asked Questions	28

Types of Natural Stone

Classification of Stone Types

Because not all stones are the same, it is important to understand the differences in order to recognize the unique characteristics of each type of natural stone. The composition of each stone affects its density, absorption rate, hardness and appearance, which ultimately will determine how the stone should be cared for and how to keep its natural beauty intact with proper maintenance.

Natural stone can be classified into two general categories according to its composition: siliceous stone or calcareous stone. Knowing the difference is critical when selecting cleaning products.

Siliceous stone is composed mainly of silica or quartz-like particles. It tends to be very durable and relatively easy to clean with mild acidic cleaning solutions. Types of siliceous stone include granite, slate, sandstone, quartzite, brownstone and bluestone.

Calcareous stone is composed mainly of calcium carbonate. It is sensitive to acidic cleaning products and frequently requires different cleaning procedures than siliceous stone. What may work on siliceous stone may not be suitable on calcareous surfaces. Types of calcareous stone include marble, travertine, limestone and onyx.

Density and Hardness

Measuring the hardness of a stone can help determine its strength. Knowing the hardness of a stone is especially helpful when choosing and considering a stone for a particular application. Density is measured by the Mohs scale of mineral hardness. If a stone can be scratched by a known mineral on the scale, then it is softer than that mineral.

The following chart gives an example of a similar material to the ones on the Mohs scale:

Hardness Level	Scale Mineral	Equivalent Surfaces
1	Talc	Talcum Powder
2	Gypsum	Plaster of Paris
3	Calcite	Marble, Travertine, Limestone, Slate
4	Fluorite	Platinum
5	Apatite	Knife Blade, Iron
6	Orthoclase/Feldspar	Granite, Glass
7	Quartz	Hardened Steel, Granite
8	Topaz	Emerald, Topaz
9	Corundum	Ruby, Sapphire, Abrasives
10	Diamond	Diamond, Abrasives

Due to its hardness and scratch resistance, granite is ideal for use on countertops and floors and can be used in high-traffic applications. Softer stones, such as marble, travertine and limestone, are generally used in lighter-duty applications because they can scratch easier.

How Rocks Are Classified



Igneous

Igneous rocks form when molten rock (magma), originating from deep within the Earth, solidifies. The chemical composition of the magma and its cooling rate determine the final rock type.

Intrusive (Plutonic)

Intrusive igneous rocks are formed from magma that cools and solidifies deep beneath the Earth's surface. The insulating effect of the surrounding rock allows the magma to cool very slowly. This allows the individual mineral grains to grow over a long period of time, resulting in a relatively large, coarser grain size.

Extrusive (Volcanic)

Extrusive igneous rocks are formed when magma cools and solidifies at or near the Earth's surface. Exposure to the relatively cool temperature of the atmosphere or water makes the erupted magma solidify very quickly. Rapid cooling means the mineral grains have only a short time to grow, so their final size is very tiny, or fine-grained.

Characteristics:

- Dense, hard material
- Easy to maintain
- Low porosity, but can stain

Types of Igneous Stones:

- Granite
- Obsidian
- Basalt



Sedimentary

Sedimentary rocks are formed from pre-existing rocks or pieces of once-living organisms. They form from deposits that accumulate on the Earth's surface.

Clastic

Clastic sedimentary rocks are made up of pieces (clasts) of pre-existing rocks. These pieces are loosened by weathering, then transported to a basin or depression where they are trapped and compacted beneath deeply buried sediment, forming sedimentary rock.

Chemical

Chemical sedimentary rocks are formed when water travels through rock, dissolving some of the minerals and carrying them away from their source. Eventually, these minerals are re-deposited when the water evaporates away or when the water becomes over-saturated with minerals.

Biological

Biological sedimentary rocks form from once-living organisms, such as carbon-rich plant materials or deposits of animal shells.

Characteristics:

- Susceptible to staining
- May vary in hardness
- Wide color range
- Acid-sensitive

Types of Sedimentary Stones:

- Limestone
- Travertine
- Sandstone
- Gypsum



Metamorphic

Extreme heat and pressure cause intense physical and chemical changes to a precursor or pre-existing igneous, sedimentary or older metamorphic rock. These changes (morphing) transform the rock into a different one. A large part of the Earth's crust is made up of metamorphic rock and is classified by texture and chemical/mineral content.

Foliated

Foliation occurs when pressure squeezes the flat or elongated minerals within a rock so they become aligned. These rocks develop a sheet-like (platy) structure that will indicate the direction the pressure was applied.

Non-Foliated

Non-foliated metamorphic rocks don't have a plated or sheet-like structure. Instead, they are formed when hot igneous rock comes into contact with pre-existing rock. This "contact metamorphism" changes the mineral structure of the rock, without the addition of pressure.

Characteristics:

- Caused by metamorphosis or change
- Medium hardness

Types of Metamorphic Stones:

- Marble
- Slate
- Quartzite

Types of Surface *Finishes*

Stones are extracted from quarries from various parts of the world. Each geographical area produces unique stone qualities, such as color and veining. These extracted blocks of rough stone are then shipped to fabrication plants, where the process of finishing the stone surface begins. Depending upon the surface desired, a combination of equipment is used to cut, polish and finish the stone into floor tiles and a myriad of other uses. These fabrication techniques will affect the porosity and appearance of the stone. Here are some of the more popular finishes used in tile applications.



Polished

Very glossy and reflective surface

- Brilliant surface reflection is achieved by mechanically and chemically polishing the stone.
- Usually not very porous
- Very smooth surface with vibrant colors
- Polish can wear off in high-traffic areas.
- Proper maintenance is a must.



Honed

Low-sheen or matte finish

- Smooth and porous surface
- The surface has more imperfections than polished stone.
- Less vibrant than polished stone
- Honed travertine has holes that are filled with grout.

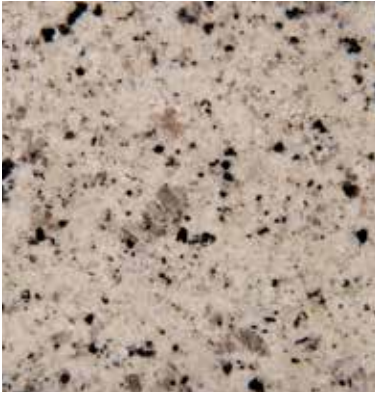


Tumbled

A rougher, textured surface that has an aged, worn look

- Smaller pieces of travertine, marble or limestone are tumbled to achieve a distressed appearance.
- Low maintenance
- The surface doesn't reflect light.
- Aged, worn look

Types of Surface *Finishes*



Flamed

Blowtorch-type heat dimples the surface

- One of the most common forms of finishing granite
- Particularly good non-slip properties
- Achieved by intense heat
- Produces a rough finish
- For use anywhere



Sandblasted

Texture is similar to a concrete sidewalk

- Achieved by pressurized sand and water; produces a matte finish
- The texture is similar to that of a concrete sidewalk.
- Highly slip-resistant and very durable
- Can be used anywhere
- Excellent for use around pools, steps and common areas



Hammered or Chiseled

One step rougher than sandblasting

- A mechanical process that dimples the surface of the stone, making it very non-slip
- The surface is one step rougher than sandblasted.
- Suitable for interior and exterior applications

Sealing & Maintenance *by Surface Type*

Adoquin/Cantera Stone

Adoquin, or cantera, is a strong, malleable natural stone formed by volcanic dust and ash washed into ancient silt beds, and combined with lava and local stone where it is compressed for millions of years. Porous and lightweight, adoquin cantera stone has been preferred throughout the ages as a building material for its natural beauty, exquisite color varieties, texture and durability.



Pre-Grout Sealing—Protecting the surface before grouting

Product Choices	Avg. Coverage Per 1 Gal. (3,79 L) Per Coat	# of Coats	Areas to Use	Tools Needed	Results
UltraCare Penetrating Plus Stone, Tile & Grout Sealer	300 - 500 sq. ft. (27,9 - 46,5 m ²)	1-2			Maximum stain repellency for a no-sheen natural look
UltraCare Penetrating Stone, Tile & Grout Sealer	300 - 500 sq. ft. (27,9 - 46,5 m ²)	1-2			Standard stain repellency for a no-sheen natural look
UltraCare Penetrating Plus SB Stone & Porcelain Tile Sealer	500 - 700 sq. ft. (46,5 - 65,0 m ²)	1-2			Maximum stain repellency for dense surfaces; no-sheen, natural look
UltraCare Enhancing Plus Stone Sealer	400 - 600 sq. ft. (37,2 - 55,7 m ²)	1			Maximum color enhancement and protection for unsealed stone
UltraCare Enhancing Stone Sealer	400 - 600 sq. ft. (37,2 - 55,7 m ²)	1			Standard color enhancement and protection for unsealed stone
UltraCare Low-Sheen Sealer & Finish	200 - 400 sq. ft. (18,6 - 37,2 m ²)	1-2			Durable low sheen and stain resistance
UltraCare High-Gloss Sealer & Finish	200 - 400 sq. ft. (18,6 - 37,2 m ²)	1-2			Durable high gloss and stain resistance

After-Grout Sealing & Finishing—Protecting the surface after grouting

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UltraCare Penetrating Plus Stone, Tile & Grout Sealer	400 - 600 sq. ft. (37,2 - 55,7 m ²)	1-2			Maximum stain repellency for a no-sheen natural look
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UltraCare Penetrating Plus SB Stone & Porcelain Tile Sealer	600 - 800 sq. ft. (55,7 - 74,3 m ²)	1-2			Maximum stain repellency for dense surfaces; no-sheen, natural look
UltraCare Enhancing Plus Stone Sealer	500 - 1,000 sq. ft. (46,5 - 92,9 m ²)	1			Maximum color enhancement and protection for unsealed stone
UltraCare Enhancing Stone Sealer	500 - 1,000 sq. ft. (46,5 - 92,9 m ²)	1			Standard color enhancement and protection for unsealed stone
UltraCare Low-Sheen Sealer & Finish	400 - 600 sq. ft. (37,2 - 55,7 m ²)	1-2			Durable low sheen and stain protection; easy re-coat
UltraCare High-Gloss Sealer & Finish	400 - 600 sq. ft. (37,2 - 55,7 m ²)	1-2			Durable high gloss and stain protection; easy re-coat

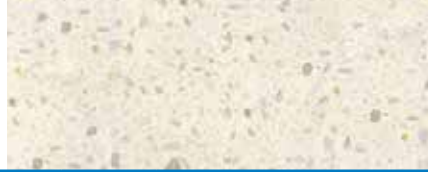
Maintenance—Keeping your stone looking beautiful















Product Choices	Dilution Rates	Areas to Use	Tools Needed	Purpose
UltraCare Concentrated Tile & Grout Cleaner	2 - 4 oz. per 1 gal. water (59 - 118 mL per 3,79 L water)			Concentrated neutral-pH cleaner for regular use
UltraCare Everyday Stone & Grout Cleaner & Resealer	Ready-to-use spray			Spray-and-wipe cleaner; fortifies existing penetrating sealers
UltraCare Everyday Stone, Tile & Grout Cleaner	Ready-to-use spray			Cleans and maintains stone, tile and grout surfaces
UltraCare Heavy-Duty Stone, Tile & Grout Cleaner	Parts water per product: Light cleaning - 8 to 1			High-alkaline deep cleaner for use in neglected and high-use areas. Removes most factory waxes. Safe for stone, tile and grout.
	Moderate cleaning - 4 to 1			
	Heavy cleaning - 2 to 1			

Sealing & Maintenance *by Surface Type*

Agglomerate Stone Embedded in Cement

Also known as terrazzo, this material is poured into place or precast into tiles, and is used for floor and wall treatments. It consists of small, medium or large pieces of marble, quartz, granite, glass or other suitable chips that are sprinkled or scattered into a cementitious or epoxy resin binder and allowed to cure. The material is then mechanically ground and polished to a uniformly smooth surface and sealed to a lustrous finish.



Pre-Grout Sealing—Protecting the surface before grouting					
Product Choices	Avg. Coverage Per 1 Gal. (3,79 L) Per Coat	# of Coats	Areas to Use	Tools Needed	Results
UltraCare Penetrating Plus Stone, Tile & Grout Sealer	500 - 750 sq. ft. (46,5 - 69,7 m ²)	1			Maximum stain repellency for a no-sheen natural look
UltraCare Penetrating Stone, Tile & Grout Sealer	500 - 750 sq. ft. (46,5 - 69,7 m ²)	1			Standard stain repellency for a no-sheen natural look
UltraCare Penetrating Plus SB Stone & Porcelain Tile Sealer	500 - 750 sq. ft. (46,5 - 69,7 m ²)	1			Maximum stain repellency for dense surfaces; no-sheen, natural look
UltraCare Enhancing Plus Stone Sealer	600 - 1,200 sq. ft. (55,7 - 111 m ²)	1			Maximum color enhancement and protection for unsealed stone
UltraCare Enhancing Stone Sealer	600 - 1,200 sq. ft. (55,7 - 111 m ²)	1			Standard color enhancement and protection for unsealed stone
UltraCare Low-Sheen Sealer & Finish	300 - 400 sq. ft. (27,9 - 37,2 m ²)	1			Durable low sheen and stain resistance
UltraCare High-Gloss Sealer & Finish	300 - 400 sq. ft. (27,9 - 37,2 m ²)	1		Durable high gloss and stain resistance	
After-Grout Sealing & Finishing—Protecting the surface after grouting					
Product Choices	Avg. Coverage Per 1 Gal. (3,79 L) Per Coat	# of Coats	Areas to Use	Tools Needed	Results
UltraCare Penetrating Plus Stone, Tile & Grout Sealer	800 - 1,000 sq. ft. (74,3 - 92,9 m ²)	1			Maximum stain repellency for a no-sheen natural look
UltraCare Penetrating Stone, Tile & Grout Sealer	1,000 - 1,400 sq. ft. (92,9 - 130 m ²)	1-2			Standard stain repellency for a no-sheen natural look
UltraCare Penetrating Plus SB Stone & Porcelain Tile Sealer	1,000 - 1,400 sq. ft. (92,9 - 130 m ²)	1-2			Maximum stain repellency for dense surfaces; no-sheen, natural look
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UltraCare Enhancing Stone Sealer	800 - 1,400 sq. ft. (74,3 - 130 m ²)	1			Standard color enhancement and protection for unsealed stone
UltraCare Low-Sheen Sealer & Finish	400 - 600 sq. ft. (37,2 - 55,7 m ²)	1-2			Durable low sheen and stain protection; easy re-coat
UltraCare High-Gloss Sealer & Finish	400 - 600 sq. ft. (37,2 - 55,7 m ²)	1-2		Durable high gloss and stain protection; easy re-coat	
Maintenance—Safely keeping your floors and countertops looking beautiful					
Product Choices	Dilution Rates		Areas to Use	Tools Needed	Purpose
UltraCare Concentrated Tile & Grout Cleaner	2 - 4 oz. per 1 gal. water (59 - 118 mL per 3,79 L water)				Concentrated neutral-pH cleaner for regular use
UltraCare Everyday Stone & Grout Cleaner & Resealer	Ready-to-use spray				Spray-and-wipe cleaner; fortifies existing penetrating sealers
UltraCare Everyday Stone, Tile & Grout Cleaner	Ready-to-use spray				Cleans and maintains stone, tile and grout surfaces
UltraCare Heavy-Duty Stone, Tile & Grout Cleaner	Parts water per product: Light cleaning - 8 to 1				High-alkaline deep cleaner for use in neglected and high-use areas. Removes most factory waxes. Safe for stone, tile and grout.
	Moderate cleaning - 4 to 1				
	Heavy cleaning - 2 to 1				

Sealing & Maintenance *by Surface Type*

Brick—Clay

Clay brick pavers are a specialized type of brick that are fired to a high temperature, are unglazed, and have a smooth or textured surface. They are a perfect surface treatment to exterior walkways, porches, patios, pool decks, driveways, plazas, commercial and industrial lobbies, restaurant entryways, and industrial floor treatments. Clay brick pavers are available in a wide range of colors, including pink, red, brown and flashed.



Pre-Grout Sealing—Protecting the surface before grouting

Product Choices	Avg. Coverage Per 1 Gal. (3,79 L) Per Coat	# of Coats	Areas to Use	Tools Needed	Results
UltraCare Penetrating Plus Stone, Tile & Grout Sealer	200 - 400 sq. ft. (18,6 - 37,2 m ²)	1-2			Maximum stain repellency for a no-sheen natural look
UltraCare Penetrating Stone, Tile & Grout Sealer	200 - 400 sq. ft. (18,6 - 37,2 m ²)	1-2			Standard stain repellency for a no-sheen natural look
UltraCare Penetrating Plus SB Stone & Porcelain Tile Sealer	500 - 700 sq. ft. (46,5 - 65 m ²)	1-2	Maximum stain repellency for dense surfaces; no-sheen, natural look		
UltraCare Enhancing Plus Stone Sealer	400 - 600 sq. ft. (37,2 - 55,7 m ²)	1	Maximum color enhancement and protection for unsealed stone		
UltraCare Enhancing Stone Sealer	400 - 600 sq. ft. (37,2 - 55,7 m ²)	1	Standard color enhancement and protection for unsealed stone		
UltraCare Low-Sheen Sealer & Finish	200 - 400 sq. ft. (18,6 - 37,2 m ²)	1-2	Durable low sheen and stain resistance		
UltraCare High-Gloss Sealer & Finish	200 - 400 sq. ft. (18,6 - 37,2 m ²)	1-2	Durable high gloss and stain resistance		

After-Grout Sealing & Finishing—Protecting the surface after grouting

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Maintenance—Keeping your brick looking beautiful















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UltraCare Concentrated Tile & Grout Cleaner	2 - 4 oz. per 1 gal. water (59 - 118 mL per 3,79 L water)			Concentrated neutral-pH cleaner for regular use
UltraCare Everyday Stone & Grout Cleaner & Resealer	Ready-to-use spray			Spray-and-wipe cleaner; fortifies existing penetrating sealers
UltraCare Everyday Stone, Tile & Grout Cleaner	Ready-to-use spray			Cleans and maintains stone, tile and grout surfaces
UltraCare Heavy-Duty Stone, Tile & Grout Cleaner	Parts water per product: Light cleaning - 8 to 1 Moderate cleaning - 4 to 1 Heavy cleaning - 2 to 1			High-alkaline deep cleaner for use in neglected and high-use areas. Removes most factory waxes. Safe for stone, tile and grout.

Sealing & Maintenance *by Surface Type*

Concrete Tile

Concrete tiles are a tough man-made mix of stone, sand, water, cement, fibers and pigment. Available in multiple styles and colors, concrete tiles can be made to mimic a variety of natural stone finishes and textures. Concrete tiles can range from highly porous to very dense. Because they are made from concrete, they are sensitive to acid.



Pre-Grout Sealing—Protecting the surface before grouting						
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Maintenance—Keeping your concrete tiles looking beautiful						
Product Choices	Dilution Rates		Areas to Use	Tools Needed	Purpose	
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	Moderate cleaning - 4 to 1					
	Heavy cleaning - 2 to 1					

Sealing & Maintenance *by Surface Type*

Granite—Flamed

Flamed granite is produced by applying intense, blowtorch-type heat to the surface of the stone. This causes the surface to melt and some of the crystals to shatter, leaving a highly textured surface. Flamed granite is ideal for exterior paving or wet areas where optimum non-slipperiness is required.












Pre-Grout Sealing—Protecting the surface before grouting					
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Maintenance—Keeping your granite looking beautiful					
Product Choices	Dilution Rates		Areas to Use	Tools Needed	Purpose
UltraCare Concentrated Tile & Grout Cleaner	2 - 4 oz. per 1 gal. water (59 - 118 mL per 3,79 L water)				Concentrated neutral-pH cleaner for regular use
UltraCare Everyday Stone & Grout Cleaner & Resealer	Ready-to-use spray				Spray-and-wipe cleaner; fortifies existing penetrating sealers
UltraCare Everyday Stone, Tile & Grout Cleaner	Ready-to-use spray				Cleans and maintains stone, tile and grout surfaces
UltraCare Heavy-Duty Stone, Tile & Grout Cleaner	Parts water per product: Light cleaning - 8 to 1				High-alkaline deep cleaner for use in neglected and high-use areas. Removes most factory waxes. Safe for stone, tile and grout.
	Moderate cleaning - 4 to 1				
	Heavy cleaning - 2 to 1				

Sealing & Maintenance *by Surface Type*

Granite—Honed

Honed granite has a smooth, non-reflective surface without bumps or ridges. This softer appearance remains flatter than a full gloss polish. The honed look is achieved by ending the finishing process before the buffing stage.



Pre-Grout Sealing—Protecting the surface before grouting						
Product Choices	Avg. Coverage Per 1 Gal. (3,79 L) Per Coat	# of Coats	Areas to Use	Tools Needed	Results	
UltraCare Penetrating Plus SB Stone & Porcelain Tile Sealer	600 - 800 sq. ft. (55,7 - 74,3 m ²)	1			Maximum stain repellency for dense surfaces; no-sheen, natural look	
UltraCare Penetrating Plus Stone, Tile & Grout Sealer	600 - 800 sq. ft. (55,7 - 74,3 m ²)	1				Maximum stain repellency for a no-sheen natural look
UltraCare Penetrating Stone, Tile & Grout Sealer	600 - 800 sq. ft. (55,7 - 74,3 m ²)	1			Standard stain repellency for dense surfaces; no-sheen, natural look	
UltraCare Enhancing Plus Stone Sealer	800 - 1,000 sq. ft. (74,3 - 92,9 m ²)	1			Maximum color enhancement and protection	
UltraCare Enhancing Stone Sealer	800 - 1,000 sq. ft. (74,3 - 92,9 m ²)	1			Standard color enhancement and protection	
After-Grout Sealing & Finishing—Protecting the surface after grouting						
Product Choices	Avg. Coverage Per 1 Gal. (3,79 L) Per Coat	# of Coats	Areas to Use	Tools Needed	Results	
UltraCare Penetrating Plus SB Stone & Porcelain Tile Sealer	800 - 1,000 sq. ft. (74,3 - 92,9 m ²)	1			Maximum stain repellency for dense surfaces; no-sheen, natural look	
UltraCare Penetrating Plus Stone, Tile & Grout Sealer	1,000 - 1,400 sq. ft. (92,9 - 130 m ²)	1			Maximum stain repellency for a no-sheen natural look	
UltraCare Penetrating Stone, Tile & Grout Sealer	1,000 - 1,400 sq. ft. (92,9 - 130 m ²)	1			Standard stain repellency for dense surfaces; no-sheen, natural look	
UltraCare Enhancing Plus Stone Sealer	1,000 - 1,400 sq. ft. (92,9 - 130 m ²)	1			Maximum color enhancement and protection	
UltraCare Enhancing Stone Sealer	1,000 - 1,400 sq. ft. (92,9 - 130 m ²)	1			Standard color enhancement and protection	
Maintenance—Keeping your granite looking beautiful						
Product Choices	Dilution Rates		Areas to Use	Tools Needed	Purpose	
UltraCare Concentrated Tile & Grout Cleaner	2 - 4 oz. per 1 gal. water (59 - 118 mL per 3,79 L water)				Concentrated neutral-pH cleaner for regular use	
UltraCare Everyday Stone & Grout Cleaner & Resealer	Ready-to-use spray				Spray-and-wipe cleaner; fortifies existing penetrating sealers	
UltraCare Everyday Stone, Tile & Grout Cleaner	Ready-to-use spray				Cleans and maintains stone, tile and grout surfaces	
UltraCare Heavy-Duty Stone, Tile & Grout Cleaner	Parts water per product: Light cleaning - 8 to 1 Moderate cleaning - 4 to 1 Heavy cleaning - 2 to 1	High-alkaline deep cleaner for use in neglected and high-use areas. Removes most factory waxes. Safe for stone, tile and grout.				

Sealing & Maintenance *by Surface Type*

Granite—Polished

Polished granite has a smooth, shiny and reflective finish. This process highlights the character of your stone. The color, depth and crystal structure become more visible. Your stone appears darker, and the colors seem richer. This mirror-like finish is considered the finest and smoothest finish available.



Pre-Grout Sealing—Protecting the surface before grouting					
Product Choices	Avg. Coverage Per 1 Gal. (3,79 L) Per Coat	# of Coats	Areas to Use	Tools Needed	Results
<i>UltraCare</i> Penetrating Plus SB Stone & Porcelain Tile Sealer	600 - 800 sq. ft. (55,7 - 74,3 m ²)	1			<i>Maximum</i> stain repellency for dense surfaces; no-sheen, natural look
<i>UltraCare</i> Penetrating Plus Stone, Tile & Grout Sealer	600 - 800 sq. ft. (55,7 - 74,3 m ²)	1			<i>Maximum</i> stain repellency for a no-sheen natural look
<i>UltraCare</i> Penetrating Stone, Tile & Grout Sealer	600 - 800 sq. ft. (55,7 - 74,3 m ²)	1	<i>Standard</i> stain repellency for dense surfaces; no-sheen, natural look		
<i>UltraCare</i> Enhancing Plus Stone Sealer	800 - 1,000 sq. ft. (74,3 - 92,9 m ²)	1			<i>Maximum</i> color enhancement and protection
<i>UltraCare</i> Enhancing Stone Sealer	800 - 1,000 sq. ft. (74,3 - 92,9 m ²)	1			<i>Standard</i> color enhancement and protection
After-Grout Sealing & Finishing—Protecting the surface after grouting					
Product Choices	Avg. Coverage Per 1 Gal. (3,79 L) Per Coat	# of Coats	Areas to Use	Tools Needed	Results
<i>UltraCare</i> Penetrating Plus SB Stone & Porcelain Tile Sealer	800 - 1,000 sq. ft. (74,3 - 92,9 m ²)	1			<i>Maximum</i> stain repellency for dense surfaces; no-sheen, natural look
<i>UltraCare</i> Penetrating Plus Stone, Tile & Grout Sealer	1,000 - 1,400 sq. ft. (92,9 - 130 m ²)	1			<i>Maximum</i> stain repellency for a no-sheen natural look
<i>UltraCare</i> Penetrating Stone, Tile & Grout Sealer	1,000 - 1,400 sq. ft. (92,9 - 130 m ²)	1	<i>Standard</i> stain repellency for dense surfaces; no-sheen, natural look		
<i>UltraCare</i> Enhancing Plus Stone Sealer	1,000 - 1,400 sq. ft. (92,9 - 130 m ²)	1			<i>Maximum</i> color enhancement and protection
<i>UltraCare</i> Enhancing Stone Sealer	1,000 - 1,400 sq. ft. (92,9 - 130 m ²)	1			<i>Standard</i> color enhancement and protection
Maintenance—Keeping your granite looking beautiful					
Product Choices	Dilution Rates		Areas to Use	Tools Needed	Purpose
<i>UltraCare</i> Concentrated Tile & Grout Cleaner	2 - 4 oz. per 1 gal. water (59 - 118 mL per 3,79 L water)				Concentrated neutral-pH cleaner for regular use
<i>UltraCare</i> Everyday Stone & Grout Cleaner & Resealer	Ready-to-use spray				<i>Standard</i> stain repellency for a no-sheen natural look
<i>UltraCare</i> Everyday Stone, Tile & Grout Cleaner	Ready-to-use spray				<i>Standard</i> stain repellency for dense surfaces; no-sheen, natural look
<i>UltraCare</i> Heavy-Duty Stone, Tile & Grout Cleaner	Parts water per product: Light cleaning - 8 to 1				
	Moderate cleaning - 4 to 1				
	Heavy cleaning - 2 to 1				



Sealing & Maintenance *by Surface Type*

Grout—Cementitious





Cement-based grout is porous, so it easily allows water, dirt, oils and other contaminants to be absorbed into it. Proper protection and routine cleaning are musts for keeping your grout looking beautiful.



Sealing—Protecting grout from staining

Product Choices	Avg. Coverage Per 1 Gal. (3.79 L) Per Coat	# of Coats	Areas to Use	Tools Needed	Results
UltraCare Penetrating Plus Stone, Tile & Grout Sealer	300 - 1,400 sq. ft. (27,9 - 130 m ²)	1			Maximum stain repellency for a no-sheen natural look
UltraCare Penetrating Stone, Tile & Grout Sealer	300 - 1,400 sq. ft. (27,9 - 130 m ²)	1			Standard stain repellency for a no-sheen natural look
UltraCare Penetrating Plus SB Stone & Porcelain Tile Sealer	500 - 1,400 sq. ft. (46,5 - 130 m ²)	1			Maximum stain repellency for dense surfaces; no-sheen, natural look
UltraCare Grout Sealer	480 - 880 sq. ft. (44,6 - 81,8 m ²)	1			Protection against most common stains
UltraCare Enhancing Plus Stone Sealer	400 - 1,400 sq. ft. (37,2 - 130 m ²)	1			Maximum color enhancement and protection
UltraCare Enhancing Stone Sealer	400 - 1,400 sq. ft. (37,2 - 130 m ²)	1			Standard color enhancement and protection

Maintenance—Keeping your grout looking beautiful

Product Choices	Dilution Rates	Areas to Use	Tools Needed	Purpose
UltraCare Concentrated Tile & Grout Cleaner	2 - 4 oz. per 1 gal. water (59 - 118 mL per 3,79 L water)			Concentrated neutral-pH cleaner for regular use
UltraCare Everyday Stone & Grout Cleaner & Resealer	Ready-to-use spray			Spray-and-wipe cleaner; fortifies existing penetrating sealers
UltraCare Everyday Stone, Tile & Grout Cleaner	Ready-to-use spray			Cleans and maintains stone, tile and grout surfaces
UltraCare Grout Refresh™ Pre-Cleaner	Ready-to-use			Prepares grout for application of <i>Grout Refresh</i> colorants
UltraCare Heavy-Duty Stone, Tile & Grout Cleaner	Parts water per product: Light cleaning - 8 to 1			High-alkaline deep cleaner for use in neglected and high-use areas. Removes most factory waxes. Safe for stone, tile and grout.
	Moderate cleaning - 4 to 1			
	Heavy cleaning - 2 to 1			

Sealing & Maintenance *by Surface Type*

Limestone & Marble—Honed

Honed limestone and marble have a smooth, non-reflective finish that is easily stained if not properly protected. Limestone also has holes in the surface that are filled with a grouting mixture before being honed. Because limestone is calcium-based, it is sensitive to acid-based cleaners.

















Pre-Grout Sealing—Protecting the surface before grouting					
Product Choices	Avg. Coverage Per 1 Gal. (3,79 L) Per Coat	# of Coats	Areas to Use	Tools Needed	Results
UltraCare Penetrating Plus SB Stone & Porcelain Tile Sealer	600 - 800 sq. ft. (55,7 - 74,3 m ²)	1			Maximum stain repellency for dense surfaces; no-sheen, natural look
UltraCare Penetrating Plus Stone, Tile & Grout Sealer	600 - 800 sq. ft. (55,7 - 74,3 m ²)	1			Maximum stain repellency for a no-sheen natural look
UltraCare Penetrating Stone, Tile & Grout Sealer	600 - 800 sq. ft. (55,7 - 74,3 m ²)	1	Standard stain repellency for dense surfaces; no-sheen, natural look		
UltraCare Enhancing Plus Stone Sealer	800 - 1,000 sq. ft. (74,3 - 92,9 m ²)	1			Maximum color enhancement and protection
UltraCare Enhancing Stone Sealer	800 - 1,000 sq. ft. (74,3 - 92,9 m ²)	1			Standard color enhancement and protection
After-Grout Sealing & Finishing—Protecting the surface after grouting					
Product Choices	Avg. Coverage Per 1 Gal. (3,79 L) Per Coat	# of Coats	Areas to Use	Tools Needed	Results
UltraCare Penetrating Plus SB Stone & Porcelain Tile Sealer	800 - 1,000 sq. ft. (74,3 - 92,9 m ²)	1			Maximum stain repellency for dense surfaces; no-sheen, natural look
UltraCare Penetrating Plus Stone, Tile & Grout Sealer	1,000 - 1,400 sq. ft. (92,9 - 130 m ²)	1			Maximum stain repellency for a no-sheen natural look
UltraCare Penetrating Stone, Tile & Grout Sealer	1,000 - 1,400 sq. ft. (92,9 - 130 m ²)	1	Standard stain repellency for dense surfaces; no-sheen, natural look		
UltraCare Enhancing Plus Stone Sealer	1,000 - 1,400 sq. ft. (92,9 - 130 m ²)	1			Maximum color enhancement and protection
UltraCare Enhancing Stone Sealer	1,000 - 1,400 sq. ft. (92,9 - 130 m ²)	1			Standard color enhancement and protection
Maintenance—Keeping your limestone/marble looking beautiful					
Product Choices	Dilution Rates		Areas to Use	Tools Needed	Purpose
UltraCare Concentrated Tile & Grout Cleaner	2 - 4 oz. per 1 gal. water (59 - 118 mL per 3,79 L water)				Concentrated neutral-pH cleaner for regular use
UltraCare Everyday Stone & Grout Cleaner & Resealer	Ready-to-use spray				Spray-and-wipe cleaner; fortifies existing penetrating sealers
UltraCare Everyday Stone, Tile & Grout Cleaner	Ready-to-use spray				Cleans and maintains stone, tile and grout surfaces
UltraCare Heavy-Duty Stone, Tile & Grout Cleaner	Parts water per product: Light cleaning - 8 to 1				High-alkaline deep cleaner for use in neglected and high-use areas. Removes most factory waxes. Safe for stone, tile and grout.
	Moderate cleaning - 4 to 1				
	Heavy cleaning - 2 to 1				

Sealing & Maintenance *by Surface Type*

Limestone & Marble—Polished

Polished limestone and marble have a smooth, highly reflective finish that is easily stained if not properly protected. Because limestone is calcium-based, it is sensitive to acid-based cleaners.



Pre-Grout Sealing—Protecting the surface before grouting						
Product Choices	Avg. Coverage Per 1 Gal. (3,79 L) Per Coat	# of Coats	Areas to Use	Tools Needed	Results	
UltraCare Penetrating Plus SB Stone & Porcelain Tile Sealer	600 - 800 sq. ft. (55,7 - 74,3 m ²)	1			Maximum stain repellency for dense surfaces; no-sheen, natural look	
UltraCare Penetrating Plus Stone, Tile & Grout Sealer	600 - 800 sq. ft. (55,7 - 74,3 m ²)	1			Maximum stain repellency for a no-sheen natural look	
UltraCare Penetrating Stone, Tile & Grout Sealer	600 - 800 sq. ft. (55,7 - 74,3 m ²)	1			Standard stain repellency for dense surfaces; no-sheen, natural look	
UltraCare Enhancing Plus Stone Sealer	800 - 1,000 sq. ft. (74,3 - 92,9 m ²)	1			Maximum color enhancement and protection	
UltraCare Enhancing Stone Sealer	800 - 1,000 sq. ft. (74,3 - 92,9 m ²)	1			Standard color enhancement and protection	
After-Grout Sealing & Finishing—Protecting the surface after grouting						
Product Choices	Avg. Coverage Per 1 Gal. (3,79 L) Per Coat	# of Coats	Areas to Use	Tools Needed	Results	
UltraCare Penetrating Plus SB Stone & Porcelain Tile Sealer	800 - 1,000 sq. ft. (74,3 - 92,9 m ²)	1			Maximum stain repellency for dense surfaces; no-sheen, natural look	
UltraCare Penetrating Plus Stone, Tile & Grout Sealer	1,000 - 1,400 sq. ft. (92,9 - 130 m ²)	1			Maximum stain repellency for a no-sheen natural look	
UltraCare Penetrating Stone, Tile & Grout Sealer	1,000 - 1,400 sq. ft. (92,9 - 130 m ²)	1			Standard stain repellency for dense surfaces; no-sheen, natural look	
UltraCare Enhancing Plus Stone Sealer	1,000 - 1,400 sq. ft. (92,9 - 130 m ²)	1			Maximum color enhancement and protection	
UltraCare Enhancing Stone Sealer	1,000 - 1,400 sq. ft. (92,9 - 130 m ²)	1			Standard color enhancement and protection	
Maintenance—Keeping your limestone/marble looking beautiful						
Product Choices	Dilution Rates		Areas to Use	Tools Needed	Purpose	
UltraCare Concentrated Tile & Grout Cleaner	2 - 4 oz. per 1 gal. water (59 - 118 mL per 3,79 L water)				Concentrated neutral-pH cleaner for regular use	
UltraCare Everyday Stone & Grout Cleaner & Resealer	Ready-to-use spray				Spray-and-wipe cleaner; fortifies existing penetrating sealers	
UltraCare Everyday Stone, Tile & Grout Cleaner	Ready-to-use spray				Cleans and maintains stone, tile and grout surfaces	
UltraCare Heavy-Duty Stone, Tile & Grout Cleaner	Parts water per product: Light cleaning - 8 to 1				High-alkaline deep cleaner for use in neglected and high-use areas. Removes most factory waxes. Safe for stone, tile and grout.	
	Moderate cleaning - 4 to 1					
	Heavy cleaning - 2 to 1					

Sealing & Maintenance *by Surface Type*

Limestone & Marble—Tumbled

Tumbled limestone and marble have a rustic, old-world look that is achieved by tumbling the tile in hoppers with a harder aggregate. The finished look is distressed, as compared to a polished surface. Because tumbled limestone and marble have a non-reflective finish, they are the easiest of the finishes to care for.



Pre-Grout Sealing—Protecting the surface before grouting					
Product Choices	Avg. Coverage Per 1 Gal. (3,79 L) Per Coat	# of Coats	Areas to Use	Tools Needed	Results
UltraCare Penetrating Plus SB Stone & Porcelain Tile Sealer	500 - 700 sq. ft. (46,5 - 65,0 m ²)	1			Maximum stain repellency for dense surfaces; no-sheen, natural look
UltraCare Penetrating Plus Stone, Tile & Grout Sealer	400 - 600 sq. ft. (37,2 - 55,7 m ²)	1			Maximum stain repellency for a no-sheen natural look
UltraCare Penetrating Stone, Tile & Grout Sealer	400 - 600 sq. ft. (37,2 - 55,7 m ²)	1			Standard stain repellency for a no-sheen natural look
UltraCare Enhancing Plus Stone Sealer	800 - 1,000 sq. ft. (74,3 - 92,9 m ²)	1	Maximum color enhancement and protection		
UltraCare Enhancing Stone Sealer	800 - 1,000 sq. ft. (74,3 - 92,9 m ²)	1	Standard color enhancement and protection		
After-Grout Sealing & Finishing—Protecting the surface after grouting					
Product Choices	Avg. Coverage Per 1 Gal. (3,79 L) Per Coat	# of Coats	Areas to Use	Tools Needed	Results
UltraCare Penetrating Plus SB Stone & Porcelain Tile Sealer	700 - 1,000 sq. ft. (65,0 - 92,9 m ²)	1			Maximum stain repellency for dense surfaces; no-sheen, natural look
UltraCare Penetrating Plus Stone, Tile & Grout Sealer	700 - 1,000 sq. ft. (65,0 - 92,9 m ²)	1			Maximum stain repellency for a no-sheen natural look
UltraCare Penetrating Stone, Tile & Grout Sealer	700 - 1,000 sq. ft. (65,0 - 92,9 m ²)	1			Standard stain repellency for a no-sheen natural look
UltraCare Enhancing Plus Stone Sealer	1,000 - 1,200 sq. ft. (92,9 - 111 m ²)	1	Maximum color enhancement and protection		
UltraCare Enhancing Stone Sealer	1,000 - 1,200 sq. ft. (92,9 - 111 m ²)	1	Standard color enhancement and protection		
Maintenance—Keeping your limestone/marble looking beautiful					
Product Choices	Dilution Rates		Areas to Use	Tools Needed	Purpose
UltraCare Concentrated Tile & Grout Cleaner	2 - 4 oz. per 1 gal. water (59 - 118 mL per 3,79 L water)				Concentrated neutral-pH cleaner for regular use
UltraCare Everyday Stone & Grout Cleaner & Resealer	Ready-to-use spray				Spray-and-wipe cleaner; fortifies existing penetrating sealers
UltraCare Everyday Stone, Tile & Grout Cleaner	Ready-to-use spray				Cleans and maintains stone, tile and grout surfaces
UltraCare Heavy-Duty Stone, Tile & Grout Cleaner	Parts water per product: Light cleaning - 8 to 1				High-alkaline deep cleaner for use in neglected and high-use areas. Removes most factory waxes. Safe for stone, tile and grout.
	Moderate cleaning - 4 to 1				
	Heavy cleaning - 2 to 1				



Sealing & Maintenance *by Surface Type*

Porcelain Tile—Polished & Unpolished



Porcelain tiles are durable and non-porous, and are highly chemical- and abrasion-resistant. Available in a wide variety of textures and finishes as well as being practical and versatile, porcelain is an essential element of residential and commercial design alike.







Pre-Grout Sealing—Protecting honed and polished porcelain from grout stains and simplifying grout cleanup

Product Choices	Avg. Coverage Per 1 Gal. (3,79 L) Per Coat	# of Coats	Areas to Use	Tools Needed	Results
UltraCare Penetrating Plus SB Stone & Porcelain Tile Sealer	700 - 1,000 sq. ft. (65,0 - 92,9 m ²)	1			Maximum stain repellency for dense surfaces; no-sheen, natural look
UltraCare Penetrating Plus Stone, Tile & Grout Sealer	700 - 1,000 sq. ft. (65,0 - 92,9 m ²)	1			Maximum stain repellency for a no-sheen natural look

After-Grout Sealing & Finishing—Protecting the surface after grouting

Product Choices	Avg. Coverage Per 1 Gal. (3,79 L) Per Coat	# of Coats	Areas to Use	Tools Needed	Results
UltraCare Penetrating Plus SB Stone & Porcelain Tile Sealer	800 - 1,400 sq. ft. (74,3 - 130 m ²)	1			Maximum stain repellency for dense surfaces; no-sheen, natural look
UltraCare Penetrating Plus Stone, Tile & Grout Sealer	800 - 1,400 sq. ft. (74,3 - 130 m ²)	1			Maximum stain repellency for a no-sheen natural look
UltraCare Penetrating Stone, Tile & Grout Sealer	800 - 1,400 sq. ft. (74,3 - 130 m ²)	1			Standard stain repellency for a no-sheen natural look

Maintenance—Keeping your porcelain tile looking beautiful

Product Choices	Dilution Rates	Areas to Use	Tools Needed	Purpose
UltraCare Concentrated Tile & Grout Cleaner	2 - 4 oz. per 1 gal. water (59 - 118 mL per 3,79 L water)			Concentrated neutral-pH cleaner for regular use
UltraCare Everyday Stone & Grout Cleaner & Resealer	Ready-to-use spray			Spray-and-wipe cleaner; fortifies existing penetrating sealers
UltraCare Everyday Stone, Tile & Grout Cleaner	Ready-to-use spray			Cleans and maintains stone, tile and grout surfaces
UltraCare Heavy-Duty Stone, Tile & Grout Cleaner	Parts water per product: Light cleaning - 8 to 1			High-alkaline deep cleaner for use in neglected and high-use areas. Removes most factory waxes. Safe for stone, tile and grout.
	Moderate cleaning - 4 to 1			
	Heavy cleaning - 2 to 1			

Sealing & Maintenance *by Surface Type*

Porcelain Tile—Textured

Porcelain tiles are durable and non-porous, and are highly chemical- and abrasion-resistant. Available in a wide variety of textures and finishes as well as being practical and versatile, porcelain is an essential element of residential and commercial design alike.



Pre-Grout Sealing Natural Look—Protecting textured porcelain from grout stains and simplifying grout cleanup

Product Choices	Avg. Coverage Per 1 Gal. (3,79 L) Per Coat	# of Coats	Areas to Use	Tools Needed	Results
UltraCare Penetrating Plus SB Stone & Porcelain Tile Sealer	700 - 1,000 sq. ft. (65,0 - 92,9 m ²)	1			Maximum stain repellency for dense surfaces; no-sheen, natural look
UltraCare Penetrating Plus Stone, Tile & Grout Sealer	700 - 1,000 sq. ft. (65,0 - 92,9 m ²)	1			Maximum stain repellency for a no-sheen natural look
UltraCare Penetrating Stone, Tile & Grout Sealer	700 - 1,000 sq. ft. (65,0 - 92,9 m ²)	1			Standard stain repellency for a no-sheen natural look

After-Grout Sealing Natural Look—Protecting textured porcelain from grout stains and simplifying grout cleanup

Product Choices	Avg. Coverage Per 1 Gal. (3,79 L) Per Coat	# of Coats	Areas to Use	Tools Needed	Results
UltraCare Penetrating Plus SB Stone & Porcelain Tile Sealer	700 - 1,000 sq. ft. (65,0 - 92,9 m ²)	1			Maximum stain repellency for dense surfaces; no-sheen, natural look
UltraCare Penetrating Plus Stone, Tile & Grout Sealer	700 - 1,000 sq. ft. (65,0 - 92,9 m ²)	1			Maximum stain repellency for a no-sheen natural look
UltraCare Penetrating Stone, Tile & Grout Sealer	700 - 1,000 sq. ft. (65,0 - 92,9 m ²)	1			Standard stain repellency for a no-sheen natural look

Pre-Grout Sealing High-Gloss Look

Product Choices	Avg. Coverage Per 1 Gal. (3,79 L) Per Coat	# of Coats	Areas to Use	Tools Needed	Results
UltraCare High-Gloss Sealer & Finish	500 - 600 sq. ft. (46,5 - 55,7 m ²)	2			Durable high gloss and stain resistance

After-Grout Sealing High-Gloss Look

Product Choices	Avg. Coverage Per 1 Gal. (3,79 L) Per Coat	# of Coats	Areas to Use	Tools Needed	Results
UltraCare High-Gloss Sealer & Finish	500 - 600 sq. ft. (46,5 - 55,7 m ²)	2			Durable high gloss and stain resistance

Maintenance—Keeping your porcelain tile looking beautiful












Product Choices	Dilution Rates	Areas to Use	Tools Needed	Purpose
UltraCare Concentrated Tile & Grout Cleaner	2 - 4 oz. per 1 gal. water (59 - 118 mL per 3,79 L water)			Concentrated neutral-pH cleaner for regular use
UltraCare Everyday Stone & Grout Cleaner & Resealer	Ready-to-use spray			Spray-and-wipe cleaner; fortifies existing penetrating sealers
UltraCare Everyday Stone, Tile & Grout Cleaner	Ready-to-use spray			Cleans and maintains stone, tile and grout surfaces
UltraCare Heavy-Duty Stone, Tile & Grout Cleaner	Parts water per product: Light cleaning - 8 to 1			High-alkaline deep cleaner for use in neglected and high-use areas. Removes most factory waxes. Safe for stone, tile and grout.
	Moderate cleaning - 4 to 1			
	Heavy cleaning - 2 to 1			

Sealing & Maintenance *by Surface Type*

Quarry Tile

Quarry tiles are made by an extrusion process by forcing clay through a die and then hard-firing, thereby creating a durable, dense and low-porosity tile. Quarry tile has a water absorption rate of < 5%, making them ideal for use in commercial kitchens and bathrooms. Quarry tiles are manufactured with a smooth surface or with a slip-resistant surface to increase safety in high-traffic areas.

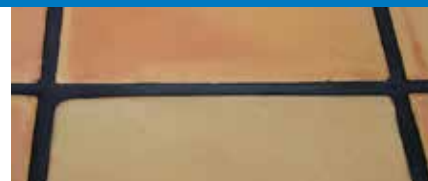


Pre-Grout Sealing—Protecting the surface before grouting					
Product Choices	Avg. Coverage Per 1 Gal. (3,79 L) Per Coat	# of Coats	Areas to Use	Tools Needed	Results
UltraCare Penetrating Plus SB Stone & Porcelain Tile Sealer	600 - 800 sq. ft. (55,7 - 74,3 m ²)	1			Maximum stain repellency for dense surfaces; no-sheen, natural look
UltraCare Penetrating Plus Stone, Tile & Grout Sealer	500 - 700 sq. ft. (46,5 - 65,0 m ²)	1			Maximum stain repellency for a no-sheen natural look
UltraCare Penetrating Stone, Tile & Grout Sealer	500 - 700 sq. ft. (46,5 - 65,0 m ²)	1			Standard stain repellency for a no-sheen natural look
UltraCare Enhancing Plus Stone Sealer	400 - 600 sq. ft. (37,2 - 55,7 m ²)	1-2			Maximum color enhancement and protection
UltraCare Enhancing Stone Sealer	400 - 600 sq. ft. (37,2 - 55,7 m ²)	1-2			Standard color enhancement and protection
UltraCare Low-Sheen Sealer & Finish	400 - 600 sq. ft. (37,2 - 55,7 m ²)	1-2			Durable low sheen and stain resistance
UltraCare High-Gloss Sealer & Finish	400 - 600 sq. ft. (37,2 - 55,7 m ²)	1-2			Durable high gloss and stain resistance
After-Grout Sealing & Finishing—Protecting the surface after grouting					
Product Choices	Avg. Coverage Per 1 Gal. (3,79 L) Per Coat	# of Coats	Areas to Use	Tools Needed	Results
UltraCare Penetrating Plus SB Stone & Porcelain Tile Sealer	800 - 1,000 sq. ft. (74,3 - 92,9 m ²)	1			Maximum stain repellency for dense surfaces; no-sheen, natural look
UltraCare Penetrating Plus Stone, Tile & Grout Sealer	700 - 1,000 sq. ft. (65,0 - 92,9 m ²)	1			Maximum stain repellency for a no-sheen natural look
UltraCare Penetrating Stone, Tile & Grout Sealer	700 - 1,000 sq. ft. (65,0 - 92,9 m ²)	1			Standard stain repellency for a no-sheen natural look
UltraCare Enhancing Plus Stone Sealer	800 - 1,200 sq. ft. (74,3 - 111 m ²)	1			Maximum color enhancement and protection
UltraCare Enhancing Stone Sealer	800 - 1,200 sq. ft. (74,3 - 111 m ²)	1			Standard color enhancement and protection
UltraCare Low-Sheen Sealer & Finish	800 - 1,200 sq. ft. (74,3 - 111 m ²)	1-2			Durable low sheen and stain resistance
UltraCare High-Gloss Sealer & Finish	800 - 1,200 sq. ft. (74,3 - 111 m ²)	1-2			Durable high gloss and stain resistance
Maintenance—Keeping your quarry tile looking beautiful					
Product Choices	Dilution Rates		Areas to Use	Tools Needed	Purpose
UltraCare Concentrated Tile & Grout Cleaner	2 - 4 oz. per 1 gal. water (59 - 118 mL per 3,79 L water)				Concentrated neutral-pH cleaner for regular use
UltraCare Everyday Stone & Grout Cleaner & Resealer	Ready-to-use spray				Spray-and-wipe cleaner; fortifies existing penetrating sealers
UltraCare Everyday Stone, Tile & Grout Cleaner	Ready-to-use spray				Cleans and maintains stone, tile and grout surfaces
UltraCare Heavy-Duty Stone, Tile & Grout Cleaner	Parts water per product: Light cleaning - 8 to 1				High-alkaline deep cleaner for use in neglected and high-use areas. Removes most factory waxes. Safe for stone, tile and grout.
	Moderate cleaning - 4 to 1				
	Heavy cleaning - 2 to 1				

Sealing & Maintenance *by Surface Type*

Salttilo Tile

Salttilo tile is a type of terra-cotta tile that originates in Saltillo, Coahuila, Mexico. Salttilo tiles vary in color and shape, but the majority range between varying hues of reds, oranges and yellows. Tiles are shaped either by pressing quarried clay with a wooden frame (super), or carving out the desired shape (regular). Salttilo tile is highly porous, and soaks in liquid easily. Unlike most ceramic tile, Salttilo tile features no glaze on the top surface.



Pre-Grout Sealing—Protecting the surface before grouting

Product Choices	Avg. Coverage Per 1 Gal. (3,79 L) Per Coat	# of Coats	Areas to Use	Tools Needed	Results
UltraCare Penetrating Plus Stone, Tile & Grout Sealer	300 - 500 sq. ft. (27,9 - 46,5 m ²)	1-2			Maximum stain repellency for a no-sheen natural look
UltraCare Penetrating Stone, Tile & Grout Sealer	300 - 500 sq. ft. (27,9 - 46,5 m ²)	1-2			Standard stain repellency for a no-sheen natural look
UltraCare Penetrating Plus SB Stone & Porcelain Tile Sealer	300 - 500 sq. ft. (27,9 - 46,5 m ²)	1-2			Maximum stain repellency for dense surfaces; no-sheen, natural look
UltraCare Enhancing Plus Stone Sealer	400 - 600 sq. ft. (37,2 - 55,7 m ²)	1			Maximum color enhancement and protection for unsealed stone
UltraCare Enhancing Stone Sealer	400 - 600 sq. ft. (37,2 - 55,7 m ²)	1			Standard color enhancement and protection for unsealed stone
UltraCare Low-Sheen Sealer & Finish	200 - 400 sq. ft. (18,6 - 37,2 m ²)	1-2			Durable low sheen and stain resistance
UltraCare High-Gloss Sealer & Finish	200 - 400 sq. ft. (18,6 - 37,2 m ²)	1-2		Durable high gloss and stain resistance	

After-Grout Sealing & Finishing—Protecting the surface after grouting

Product Choices	Avg. Coverage Per 1 Gal. (3,79 L) Per Coat	# of Coats	Areas to Use	Tools Needed	Results
UltraCare Penetrating Plus Stone, Tile & Grout Sealer	400 - 600 sq. ft. (37,2 - 55,7 m ²)	1-2			Maximum stain repellency for a no-sheen natural look
UltraCare Penetrating Stone, Tile & Grout Sealer	400 - 600 sq. ft. (37,2 - 55,7 m ²)	1-2			Standard stain repellency for a no-sheen natural look
UltraCare Penetrating Plus SB Stone & Porcelain Tile Sealer	500 - 600 sq. ft. (46,5 - 55,7 m ²)	1-2			Maximum stain repellency for dense surfaces; no-sheen, natural look
UltraCare Enhancing Plus Stone Sealer	600 - 800 sq. ft. (55,7 - 74,3 m ²)	1			Maximum color enhancement and protection for unsealed stone
UltraCare Enhancing Stone Sealer	600 - 800 sq. ft. (55,7 - 74,3 m ²)	1			Standard color enhancement and protection for unsealed stone
UltraCare Low-Sheen Sealer & Finish	400 - 600 sq. ft. (37,2 - 55,7 m ²)	1-2			Durable low sheen and stain protection; easy re-coat
UltraCare High-Gloss Sealer & Finish	400 - 600 sq. ft. (37,2 - 55,7 m ²)	1-2		Durable high gloss and stain protection; easy re-coat	

Maintenance—Keeping your Salttilo tile looking beautiful

Product Choices	Dilution Rates	Areas to Use	Tools Needed	Purpose
UltraCare Concentrated Tile & Grout Cleaner	2 - 4 oz. per 1 gal. water (59 - 118 mL per 3,79 L water)			Concentrated neutral-pH cleaner for regular use
UltraCare Everyday Stone & Grout Cleaner & Resealer	Ready-to-use spray			Spray-and-wipe cleaner; fortifies existing penetrating sealers
UltraCare Everyday Stone, Tile & Grout Cleaner	Ready-to-use spray			Cleans and maintains stone, tile and grout surfaces
UltraCare Heavy-Duty Stone, Tile & Grout Cleaner	Parts water per product: Light cleaning - 8 to 1			High-alkaline deep cleaner for use in neglected and high-use areas. Removes most factory waxes. Safe for stone, tile and grout.
	Moderate cleaning - 4 to 1			
	Heavy cleaning - 2 to 1			







Sealing & Maintenance *by Surface Type*

Sandstone







This medium-grained sedimentary rock consists of fine to coarse sand-sized grains that have been either compacted or cemented together by a material such as silica, iron oxide or calcium carbonate. Although sandstone usually consists primarily of quartz, it can also consist of other minerals and can vary in color from yellow and red to gray and brown. Bluestone and brownstone are also sandstones.







Pre-Grout Sealing—Protecting the surface before grouting

Product Choices	Avg. Coverage Per 1 Gal. (3,79 L) Per Coat	# of Coats	Areas to Use	Tools Needed	Results
UltraCare Penetrating Plus Stone, Tile & Grout Sealer	300 - 500 sq. ft. (27,9 - 46,5 m ²)	1-2			Maximum stain repellency for a no-sheen natural look
UltraCare Penetrating Stone, Tile & Grout Sealer	300 - 500 sq. ft. (27,9 - 46,5 m ²)	1-2			Standard stain repellency for a no-sheen natural look
UltraCare Penetrating Plus SB Stone & Porcelain Tile Sealer	500 - 700 sq. ft. (46,5 - 65,0 m ²)	1-2			Maximum stain repellency for dense surfaces; no-sheen, natural look
UltraCare Enhancing Plus Stone Sealer	400 - 600 sq. ft. (37,2 - 55,7 m ²)	1			Maximum color enhancement and protection for unsealed stone
UltraCare Enhancing Stone Sealer	400 - 600 sq. ft. (37,2 - 55,7 m ²)	1			Standard color enhancement and protection for unsealed stone
UltraCare Low-Sheen Sealer & Finish	200 - 400 sq. ft. (18,6 - 37,2 m ²)	1-2			Durable low sheen and stain resistance
UltraCare High-Gloss Sealer & Finish	200 - 400 sq. ft. (18,6 - 37,2 m ²)	1-2			Durable high gloss and stain resistance

After-Grout Sealing & Finishing—Protecting the surface after grouting

Product Choices	Avg. Coverage Per 1 Gal. (3,79 L) Per Coat	# of Coats	Areas to Use	Tools Needed	Results
UltraCare Penetrating Plus Stone, Tile & Grout Sealer	400 - 600 sq. ft. (37,2 - 55,7 m ²)	1-2			Maximum stain repellency for a no-sheen natural look
UltraCare Penetrating Stone, Tile & Grout Sealer	400 - 600 sq. ft. (37,2 - 55,7 m ²)	1-2			Standard stain repellency for a no-sheen natural look
UltraCare Penetrating Plus SB Stone & Porcelain Tile Sealer	600 - 800 sq. ft. (55,7 - 74,3 m ²)	1-2			Maximum stain repellency for dense surfaces; no-sheen, natural look
UltraCare Enhancing Plus Stone Sealer	600 - 800 sq. ft. (55,7 - 74,3 m ²)	1			Maximum color enhancement and protection for unsealed stone
UltraCare Enhancing Stone Sealer	600 - 800 sq. ft. (55,7 - 74,3 m ²)	1			Standard color enhancement and protection for unsealed stone
UltraCare Low-Sheen Sealer & Finish	400 - 600 sq. ft. (37,2 - 55,7 m ²)	1-2			Durable low sheen and stain protection; easy re-coat
UltraCare High-Gloss Sealer & Finish	400 - 600 sq. ft. (37,2 - 55,7 m ²)	1-2			Durable high gloss and stain protection; easy re-coat

Maintenance—Keeping your sandstone looking beautiful

Product Choices	Dilution Rates	Areas to Use	Tools Needed	Purpose
UltraCare Concentrated Tile & Grout Cleaner	2 - 4 oz. per 1 gal. water (59 - 118 mL per 3,79 L water)			Concentrated neutral-pH cleaner for regular use
UltraCare Everyday Stone & Grout Cleaner & Resealer	Ready-to-use spray			Spray-and-wipe cleaner; fortifies existing penetrating sealers
UltraCare Everyday Stone, Tile & Grout Cleaner	Ready-to-use spray			Cleans and maintains stone, tile and grout surfaces
UltraCare Heavy-Duty Stone, Tile & Grout Cleaner	Parts water per product: Light cleaning - 8 to 1			High-alkaline deep cleaner for use in neglected and high-use areas. Removes most factory waxes. Safe for stone, tile and grout.
	Moderate cleaning - 4 to 1			
	Heavy cleaning - 2 to 1			

Sealing & Maintenance *by Surface Type*

Shellstone (Fossil Stone)

Shellstone (fossil stone) is a natural stone that is quarried from areas close to the ocean. Its close proximity to the ocean is why the tiles are imbedded with sea shells and other sea fossils. Colors range from ivory and light cream to pink and orange. Finishes can be tumbled, honed and polished.



Pre-Grout Sealing—Protecting the surface before grouting						
Product Choices	Avg. Coverage Per 1 Gal. (3,79 L) Per Coat	# of Coats	Areas to Use	Tools Needed	Results	
UltraCare Penetrating Plus Stone, Tile & Grout Sealer	400 - 600 sq. ft. (37,2 - 55,7 m ²)	1		 	Maximum stain repellency for a no-sheen natural look	
UltraCare Penetrating Stone, Tile & Grout Sealer	400 - 600 sq. ft. (37,2 - 55,7 m ²)	1			Standard stain repellency for a no-sheen natural look	
UltraCare Penetrating Plus SB Stone & Porcelain Tile Sealer	400 - 600 sq. ft. (37,2 - 55,7 m ²)	1	Maximum stain repellency for dense surfaces; no-sheen, natural look			
UltraCare Enhancing Plus Stone Sealer	800 - 1,000 sq. ft. (74,3 - 92,9 m ²)	1	Maximum color enhancement and protection for unsealed stone			
UltraCare Enhancing Stone Sealer	800 - 1,000 sq. ft. (74,3 - 92,9 m ²)	1	Standard color enhancement and protection for unsealed stone			
UltraCare Low-Sheen Sealer & Finish	300 - 400 sq. ft. (27,9 - 37,2 m ²)	2	Durable low sheen and stain resistance			
UltraCare High-Gloss Sealer & Finish	300 - 400 sq. ft. (27,9 - 37,2 m ²)	2	Durable high gloss and stain resistance			
After-Grout Sealing & Finishing—Protecting the surface after grouting						
Product Choices	Avg. Coverage Per 1 Gal. (3,79 L) Per Coat	# of Coats	Areas to Use	Tools Needed	Results	
UltraCare Penetrating Plus Stone, Tile & Grout Sealer	400 - 600 sq. ft. (37,2 - 55,7 m ²)	1		 	Maximum stain repellency for a no-sheen natural look	
UltraCare Penetrating Stone, Tile & Grout Sealer	400 - 600 sq. ft. (37,2 - 55,7 m ²)	1			Standard stain repellency for a no-sheen natural look	
UltraCare Penetrating Plus SB Stone & Porcelain Tile Sealer	400 - 600 sq. ft. (37,2 - 55,7 m ²)	1	Maximum stain repellency for dense surfaces; no-sheen, natural look			
UltraCare Enhancing Plus Stone Sealer	600 - 800 sq. ft. (55,7 - 74,3 m ²)	1	Maximum color enhancement and protection for unsealed stone			
UltraCare Enhancing Stone Sealer	600 - 800 sq. ft. (55,7 - 74,3 m ²)	1	Standard color enhancement and protection for unsealed stone			
UltraCare Low-Sheen Sealer & Finish	400 - 600 sq. ft. (37,2 - 55,7 m ²)	2	Durable low sheen and stain protection; easy re-coat			
UltraCare High-Gloss Sealer & Finish	400 - 600 sq. ft. (37,2 - 55,7 m ²)	2	Durable high gloss and stain protection; easy re-coat			
Maintenance—Keeping your shellstone looking beautiful						
Product Choices	Dilution Rates		Areas to Use	Tools Needed	Purpose	
UltraCare Concentrated Tile & Grout Cleaner	2 - 4 oz. per 1 gal. water (59 - 118 mL per 3,79 L water)				Concentrated neutral-pH cleaner for regular use	
UltraCare Everyday Stone & Grout Cleaner & Resealer	Ready-to-use spray				Spray-and-wipe cleaner; fortifies existing penetrating sealers	
UltraCare Everyday Stone, Tile & Grout Cleaner	Ready-to-use spray				Cleans and maintains stone, tile and grout surfaces	
UltraCare Heavy-Duty Stone, Tile & Grout Cleaner	Parts water per product: Light cleaning - 8 to 1 Moderate cleaning - 4 to 1 Heavy cleaning - 2 to 1		High-alkaline deep cleaner for use in neglected and high-use areas. Removes most factory waxes. Safe for stone, tile and grout.			






Sealing & Maintenance *by Surface Type*

Slate






Slate is a fine-grained metamorphic rock with a subtle, natural beauty. Available in a wide variety of both solid and variegated colors, slate is highly porous and durable. Resistant to fading, abrasion and chemicals, slate is recommended for both interior and exterior applications.








Pre-Grout Sealing—Protecting the surface before grouting

Product Choices	Avg. Coverage Per 1 Gal. (3,79 L) Per Coat	# of Coats	Areas to Use	Tools Needed	Results
UltraCare Penetrating Plus Stone, Tile & Grout Sealer	300 - 400 sq. ft. (27,9 - 37,2 m ²)	1			Maximum stain repellency for a no-sheen natural look
UltraCare Penetrating Stone, Tile & Grout Sealer	300 - 400 sq. ft. (27,9 - 37,2 m ²)	1			Standard stain repellency for a no-sheen natural look
UltraCare Penetrating Plus SB Stone & Porcelain Tile Sealer	300 - 400 sq. ft. (27,9 - 37,2 m ²)	1			Maximum stain repellency for dense surfaces; no-sheen, natural look
UltraCare Enhancing Plus Stone Sealer	400 - 600 sq. ft. (37,2 - 55,7 m ²)	1			Maximum color enhancement and protection for unsealed stone
UltraCare Enhancing Stone Sealer	400 - 600 sq. ft. (37,2 - 55,7 m ²)	1			Standard color enhancement and protection for unsealed stone
UltraCare Low-Sheen Sealer & Finish	300 - 400 sq. ft. (27,9 - 37,2 m ²)	1-2			Durable low sheen and stain resistance
UltraCare High-Gloss Sealer & Finish	300 - 400 sq. ft. (27,9 - 37,2 m ²)	1-2			Durable high gloss and stain resistance

After-Grout Sealing & Finishing—Protecting the surface after grouting

Product Choices	Avg. Coverage Per 1 Gal. (3,79 L) Per Coat	# of Coats	Areas to Use	Tools Needed	Results
UltraCare Penetrating Plus Stone, Tile & Grout Sealer	400 - 600 sq. ft. (37,2 - 55,7 m ²)	1			Maximum stain repellency for a no-sheen natural look
UltraCare Penetrating Stone, Tile & Grout Sealer	400 - 600 sq. ft. (37,2 - 55,7 m ²)	1			Standard stain repellency for a no-sheen natural look
UltraCare Penetrating Plus SB Stone & Porcelain Tile Sealer	400 - 600 sq. ft. (37,2 - 55,7 m ²)	1			Maximum stain repellency for dense surfaces; no-sheen, natural look
UltraCare Enhancing Plus Stone Sealer	600 - 800 sq. ft. (55,7 - 74,3 m ²)	1			Maximum color enhancement and protection for unsealed stone
UltraCare Enhancing Stone Sealer	600 - 800 sq. ft. (55,7 - 74,3 m ²)	1			Standard color enhancement and protection for unsealed stone
UltraCare Low-Sheen Sealer & Finish	400 - 600 sq. ft. (37,2 - 55,7 m ²)	1-2			Durable low sheen and stain protection; easy re-coat
UltraCare High-Gloss Sealer & Finish	400 - 600 sq. ft. (37,2 - 55,7 m ²)	1-2			Durable high gloss and stain protection; easy re-coat

Maintenance—Keeping your slate looking beautiful

Product Choices	Dilution Rates		Areas to Use	Tools Needed	Purpose
UltraCare Concentrated Tile & Grout Cleaner	2 - 4 oz. per 1 gal. water (59 - 118 mL per 3,79 L water)				Concentrated neutral-pH cleaner for regular use
UltraCare Everyday Stone & Grout Cleaner & Resealer	Ready-to-use spray				Spray-and-wipe cleaner; fortifies existing penetrating sealers
UltraCare Everyday Stone, Tile & Grout Cleaner	Ready-to-use spray				Cleans and maintains stone, tile and grout surfaces
UltraCare Heavy-Duty Stone, Tile & Grout Cleaner	Parts water per product: Light cleaning - 8 to 1				High-alkaline deep cleaner for use in neglected and high-use areas. Removes most factory waxes. Safe for stone, tile and grout.
	Moderate cleaning - 4 to 1				
	Heavy cleaning - 2 to 1				

Sealing & Maintenance *by Surface Type*

Terra-Cotta Tile

Terra-cotta tile is clay-based and kiln-fired at about 1,832°F (1,000°C). The iron content of the clay gives the fired body a yellow, brown, orange, red, pink or gray color, which varies considerably. Although durable, terra-cotta tile is porous and requires a sealer for protection.



Pre-Grout Sealing—Protecting the surface before grouting					
Product Choices	Avg. Coverage Per 1 Gal. (3,79 L) Per Coat	# of Coats	Areas to Use	Tools Needed	Results
UltraCare Penetrating Plus Stone, Tile & Grout Sealer	300 - 400 sq. ft. (27,9 - 37,2 m ²)	1			Maximum stain repellency for a no-sheen natural look
UltraCare Penetrating Stone, Tile & Grout Sealer	300 - 400 sq. ft. (27,9 - 37,2 m ²)	1			Standard stain repellency for a no-sheen natural look
UltraCare Penetrating Plus SB Stone & Porcelain Tile Sealer	300 - 400 sq. ft. (27,9 - 37,2 m ²)	1			Maximum stain repellency for dense surfaces; no-sheen, natural look
UltraCare Enhancing Plus Stone Sealer	400 - 600 sq. ft. (37,2 - 55,7 m ²)	1			Maximum color enhancement and protection for unsealed stone
UltraCare Enhancing Stone Sealer	400 - 600 sq. ft. (37,2 - 55,7 m ²)	1			Standard color enhancement and protection for unsealed stone
UltraCare Low-Sheen Sealer & Finish	300 - 400 sq. ft. (27,9 - 37,2 m ²)	1-2			Durable low sheen and stain resistance
UltraCare High-Gloss Sealer & Finish	300 - 400 sq. ft. (27,9 - 37,2 m ²)	1-2			Durable high gloss and stain resistance
After-Grout Sealing & Finishing—Protecting the surface after grouting					
Product Choices	Avg. Coverage Per 1 Gal. (3,79 L) Per Coat	# of Coats	Areas to Use	Tools Needed	Results
UltraCare Penetrating Plus Stone, Tile & Grout Sealer	400 - 600 sq. ft. (37,2 - 55,7 m ²)	1			Maximum stain repellency for a no-sheen natural look
UltraCare Penetrating Stone, Tile & Grout Sealer	400 - 600 sq. ft. (37,2 - 55,7 m ²)	1			Standard stain repellency for a no-sheen natural look
UltraCare Penetrating Plus SB Stone & Porcelain Tile Sealer	400 - 600 sq. ft. (37,2 - 55,7 m ²)	1			Maximum stain repellency for dense surfaces; no-sheen, natural look
UltraCare Enhancing Plus Stone Sealer	600 - 800 sq. ft. (55,7 - 74,3 m ²)	1			Maximum color enhancement and protection for unsealed stone
UltraCare Enhancing Stone Sealer	600 - 800 sq. ft. (55,7 - 74,3 m ²)	1			Standard color enhancement and protection for unsealed stone
UltraCare Low-Sheen Sealer & Finish	400 - 600 sq. ft. (37,2 - 55,7 m ²)	1-2			Durable low sheen and stain protection; easy re-coat
UltraCare High-Gloss Sealer & Finish	400 - 600 sq. ft. (37,2 - 55,7 m ²)	1-2			Durable high gloss and stain protection; easy re-coat
Maintenance—Keeping your terra-cotta tile looking beautiful					
Product Choices	Dilution Rates		Areas to Use	Tools Needed	Purpose
UltraCare Concentrated Tile & Grout Cleaner	2 - 4 oz. per 1 gal. water (59 - 118 mL per 3,79 L water)				Concentrated neutral-pH cleaner for regular use
UltraCare Everyday Stone & Grout Cleaner & Resealer	Ready-to-use spray				Spray-and-wipe cleaner; fortifies existing penetrating sealers
UltraCare Everyday Stone, Tile & Grout Cleaner	Ready-to-use spray				Cleans and maintains stone, tile and grout surfaces
UltraCare Heavy-Duty Stone, Tile & Grout Cleaner	Parts water per product: Light cleaning - 8 to 1				High-alkaline deep cleaner for use in neglected and high-use areas. Removes most factory waxes. Safe for stone, tile and grout.
	Moderate cleaning - 4 to 1				
	Heavy cleaning - 2 to 1				









Sealing & Maintenance *by Surface Type*

Terrazzo









This material is poured into place or precast into tiles, and is used for floor and wall treatments. Terrazzo consists of small, medium or large pieces of marble, quartz, granite, glass or other suitable chips that are sprinkled into a cementitious or epoxy resin binder and allowed to cure. It is then mechanically ground and polished to a uniformly smooth surface and sealed to a lustrous finish.







Sealing Terrazzo Floors— seamless or monolithic-poured

Product Choices	Avg. Coverage Per 1 Gal. (3,79 L) Per Coat	# of Coats	Areas to Use	Tools Needed	Results
UltraCare Penetrating Plus Stone, Tile & Grout Sealer	500 - 750 sq. ft. (46,5 - 69,7 m ²)	1			Maximum stain repellency for a no-sheen natural look
UltraCare Penetrating Stone, Tile & Grout Sealer	500 - 750 sq. ft. (46,5 - 69,7 m ²)	1			Standard stain repellency for a no-sheen natural look
UltraCare Penetrating Plus SB Stone & Porcelain Tile Sealer	500 - 750 sq. ft. (46,5 - 69,7 m ²)	1			Maximum stain repellency for dense surfaces; no-sheen, natural look
UltraCare Enhancing Plus Stone Sealer	600 - 1,200 sq. ft. (55,7 - 111 m ²)	1			Maximum color enhancement and protection for unsealed stone
UltraCare Enhancing Stone Sealer	600 - 1,200 sq. ft. (55,7 - 111 m ²)	1			Standard color enhancement and protection for unsealed stone
UltraCare Low-Sheen Sealer & Finish	400 - 600 sq. ft. (37,2 - 55,7 m ²)	1			Durable low sheen and stain resistance
UltraCare High-Gloss Sealer & Finish	400 - 600 sq. ft. (37,2 - 55,7 m ²)	1			Durable high gloss and stain resistance

Pre-Grout Sealing of Tiles—Protecting the surface before grouting

Product Choices	Avg. Coverage Per 1 Gal. (3,79 L) Per Coat	# of Coats	Areas to Use	Tools Needed	Results
UltraCare Penetrating Plus Stone, Tile & Grout Sealer	800 - 1,000 sq. ft. (74,3 - 92,9 m ²)	1			Maximum stain repellency for a no-sheen natural look
UltraCare Penetrating Stone, Tile & Grout Sealer	1,000 - 1,400 sq. ft. (92,9 - 130 m ²)	1-2			Standard stain repellency for a no-sheen natural look
UltraCare Penetrating Plus SB Stone & Porcelain Tile Sealer	1,000 - 1,400 sq. ft. (92,9 - 130 m ²)	1-2			Maximum stain repellency for dense surfaces; no-sheen, natural look
UltraCare Enhancing Plus Stone Sealer	800 - 1,400 sq. ft. (74,3 - 130 m ²)	1			Maximum color enhancement and protection for unsealed stone
UltraCare Enhancing Stone Sealer	800 - 1,400 sq. ft. (74,3 - 130 m ²)	1			Standard color enhancement and protection for unsealed stone
UltraCare Low-Sheen Sealer & Finish	600 - 800 sq. ft. (55,7 - 74,3 m ²)	1-2			Durable low sheen and stain protection; easy re-coat
UltraCare High-Gloss Sealer & Finish	600 - 800 sq. ft. (55,7 - 74,3 m ²)	1-2			Durable high gloss and stain protection; easy re-coat

Maintenance—Safely keeping your terrazzo floors looking beautiful

Product Choices	Dilution Rates	Areas to Use	Tools Needed	Purpose
UltraCare Concentrated Tile & Grout Cleaner	2 - 4 oz. per 1 gal. water (59 - 118 mL per 3,79 L water)			Concentrated neutral-pH cleaner for regular use
UltraCare Everyday Stone & Grout Cleaner & Re-sealer	Ready-to-use spray			Spray-and-wipe cleaner; fortifies existing penetrating sealers
UltraCare Everyday Stone, Tile & Grout Cleaner	Ready-to-use spray			Cleans and maintains stone, tile and grout surfaces
UltraCare Heavy-Duty Stone, Tile & Grout Cleaner	Parts water per product: Light cleaning - 8 to 1			High-alkaline deep cleaner for use in neglected and high-use areas. Removes most factory waxes. Safe for stone, tile and grout.
	Moderate cleaning - 4 to 1			
	Heavy cleaning - 2 to 1			

Maintenance *Recommendations*

for Ceramic Tiles, Porcelain, Grout and Natural Stone Flooring

Tile and stone are a popular choice for flooring as they provide a practical and aesthetically pleasing surface that is easy to care for and long-lasting. By following the basic principles described below, you will maintain your floor in good condition, with many years of trouble-free service.

Eliminate grit

Sand or grit, tracked onto the floor by footwear, can cause premature wearing of hard-surface flooring and damage floors by abrading and scratching the surface. These easy-to-follow steps will help keep your floor in good condition:

1. Place dust mats by the door, ideally one inside and outside.
2. Clean the mats regularly, as they will eventually get full of grit.
3. Sweep, vacuum or dust mop the floor regularly to keep grit down to a minimum. Take care not to trap grit under metal parts of the vacuum cleaner. A soft brush or broom is preferred.

Attend to spills as they occur

Even though your floor may be protected by a glaze, or a seal of some kind, liquid contaminant spills should be removed as soon as possible after they occur. The longer spills are left to dwell on grout or unglazed materials, the more likely they are to create a stain. Also, some liquids may be acidic, such as red wine, fruit juices, coffee and soft drinks, and can etch the surface of acid-sensitive surfaces, in addition to potentially causing a stain, so speed is of the essence. Use absorbent paper towels or similar items to absorb as much of the spillage as possible. Let any remaining stain dry and then wash lightly with a neutral detergent (see “Routine Maintenance” below). Never apply a cleaning solution directly onto a spill before wiping off the excess first, as this may drive the contaminant deeper into the surface.

Routine maintenance

For routine cleaning, use a mild, neutral detergent, such as MAPEI's *UltraCare*™ Concentrated Tile & Grout Cleaner. The use of “off-the-shelf” high-alkaline cleaners should be kept to a minimum, and avoid using bleach. Follow the label instructions for proper dilution and use. How often you will need to do this will depend on the type and frequency of the foot traffic. Some floors will require washing more frequently while others less so, but for a guide, once per week should be sufficient. Some high-polished surfaces may require buffing with a dry towel immediately after rinsing to avoid streaking. Using a microfiber mop may also be more convenient.

Periodic deep cleaning

From time to time, it may be necessary to give the floor and grout joints an intensive “deep cleaning”. This may be only once per year, again depending on exposure to dirt and maintenance practices. Tiles with a heavily textured surface will require more frequent deep cleanings than smooth-surfaced floors. Rough-textured surfaces will also benefit from the use of a deck or scrubbing brush, rather than a regular mop. To effectively remove built-up grease and grime, use an alkaline cleaner, such as *UltraCare* Heavy-Duty Stone, Tile & Grout Cleaner. Follow all label instructions. For heavily soiled or neglected areas, use *UltraCare* Abrasive Surface Cleaner in conjunction with the Heavy-Duty Stone, Tile & Grout Cleaner for best results.

Maintenance Recommendations

for Ceramic Tiles, Porcelain, Grout and Natural Stone Flooring

Problematic deep stains

Occasionally, even with deep cleaning, some spot stains can occur. Often, these can be removed with the use of a poultice like *UltraCare* Deep Stain Remover for Stone.

Periodic resealing

If your floor or grout was sealed, it may require a periodic re-application of sealer to ensure the appropriate level of protection is maintained. You can test the integrity of your sealer by occasionally conducting a water test. Simply drop some clean water onto the tiles or grout and let it sit for a few moments. If the water penetrates into the surface and leaves a significant dark patch that takes a while to dry out, then it may be time to reseal. If the water leaves no visible change, or just a faint shadow which dries to leave no mark (this is called "surface wetting" and is normal for most impregnating sealers), then it is fine. If resealing is necessary, make sure the surface is clean and dry before applying sealer. It is also recommended to use the same sealer, if possible.

About cleaners

Soaps and detergents are used for cleaning because pure water alone can't remove oily, organic soiling. Also, straight tap water may be hard and can leave hard-water stains or mineral deposits. Soaps clean by allowing oily contaminants and water to mix so that they can be removed during rinsing. Detergents are similar to soap, but they are less likely to form films (soap scum). Both require some form of mechanical action, such as scrubbing, to be effective.

Stains vs. etching

A stain is the permanent or semi-permanent mark which is left behind in a stone or other porous surface when a contaminant penetrates into the surface and dries. Stains can often be removed, but not always.

An etch mark is actual physical damage to the surface. Etching is most commonly noticed when an acid-based material comes in contact with an acid-sensitive surface. Surfaces that are acid-sensitive include marble, travertine, limestone, cement-based grout, cement-based terrazzo, concrete, some slates and granites, and calcium-based products. An etched stone surface will appear as a dull, rough area of the surface, particularly on polished marble. To correct a surface that has been etched, regrinding and polishing of the surface may be required.

Note: These recommendations are intended as general guidelines for the proper care and maintenance of ceramic tile, stone and grout. Actual dilution rates and maintenance requirements may vary depending upon the use, foot traffic, frequency and contaminants common to the area. ALWAYS READ PRODUCT DIRECTIONS THOROUGHLY PRIOR TO USE. ALWAYS TEST FIRST TO CONFIRM DESIRED RESULTS.

Frequently Asked Questions

Why use a sealer?

Stone, grout and masonry materials are porous and, if not properly sealed, can easily stain. Sealers protect the surface from damage caused by exposure to chemicals, foot traffic, food, beverages, cooking oils and a variety of other contaminants. Sealers can also greatly reduce maintenance by allowing easy cleanup of spills and dirt. Some sealers can enhance the natural colors and veining in stone, some keep the surface looking natural and others produce a gloss.

How often do I need to apply a sealer?

This depends on the type and quality of sealer used, the type of tile or stone, where the tile is located (interior/ exterior, kitchen or bath), the type and frequency of foot traffic, and cleaning and maintenance routines. *UltraCare* sealers have a standard expected protection for up to five years and maximum protection of up to 15 years.

How do I know if the sealer is working?

A simple, effective way to test the sealer is to drip water onto the treated surface and allow it to stand for several minutes. If the water leaves no mark when wiped off, then the sealer is working. If the water penetrates and leaves a dark spot, it's probably time to reseal.

What's the difference between a penetrating/impregnating sealer and a topical sealer?

Penetrating sealers, often called impregnators, penetrate into the surface, leaving the surface unchanged in appearance. Topical sealers form a film and sit on top of the surface, giving the surface a sheen.

What is the best way to apply a sealer?

Sealers can be applied using a paint pad, sponge or roller. Spraying is generally not recommended, but can be effective in some applications.

What is the best cleaner for tile and stone?

Always use a neutral-pH cleaner for routine and daily maintenance. Acidic cleaners should only be used on acid-resistant surfaces and strong alkaline cleaners should only be used in heavily soiled or neglected areas, for periodic cleaning. Neither acid nor alkaline cleaners should be used for regular maintenance.

How often should I clean my tile?

This will depend on what type of stone or tile is used, where the tile is located, how much foot traffic, etc. Rough-textured stone or tile will require a more frequent and intensive cleaning than a smooth or polished tile. Kitchen floors will need to be cleaned more frequently than bedroom floors. Generally, cleaning once per week is sufficient.

I have a stain on my polished marble floor that won't come out. Is there anything that will help?

Yes. *UltraCare* Deep Stain Remover for Stone is designed to help absorb food, grease and oil stains from natural stone. This product is non-toxic, non-flammable, and is safe and easy to use.

My contractor used epoxy grout on my tile and now there is a residue on the surface that won't come off. Is there a cleaner that will take off the haze?

Yes. *UltraCare* Epoxy Grout Haze Remover is designed specifically to remove dried epoxy residue from the surface of ceramic tile, porcelain tile and stone surfaces. This professional-strength, water-based formula is easy to use, low-odor and non-flammable.

After my tile was installed, a cement-like haze has been seen on the tiles. What is it and can it be removed?

Yes, it can be removed. It is known as "grout haze" and is caused by leftover cement from the grouting process that wasn't properly removed during the cleaning stage. This haze can easily be removed from the tile surface by using *UltraCare* Cement Grout Haze Remover. This proprietary, acid-based cleaner will easily remove cement grout haze from the surface of acid-resistant tiles. Never use acid-based cleaners on marble surfaces, as they can cause damage to these surfaces.

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