



TIMELESS

STONE SOLUTIONS LLC

Resonating with "Timeless" aesthetics.

Available support in the following locations:

- New York & Tri State Area
- Florida



Timeless Stone Solutions (TSS)

Table of Contents



Table of Contents (TOC):

Description	Slide #
Table of Contents (TOC)	2
Types of Natural Stone	3
Available Services - Restoration	4-5
Available Services – Additional/Maintenance	6
RAKU anti- etching solution	7
Deep dive into TuffSkin	8
Sample of body of work (pictures)	9-18



Timeless Stone Solutions (TSS)

Types of Natural Stones



Stone	Characteristics	Uses
Granite	Hard, durable, available in various colors	Countertops, flooring, exterior cladding
Limestone	Soft, porous, lighter shades	Building facades, flooring, architectural elements
Marble	Smooth, elegant, veined patterns	Countertops, flooring, sculptures
Quartzite	Hard, dense, various colors	Countertops, flooring, wall cladding
Soapstone	Soft, soapy texture	Countertops, sinks, fireplace surrounds
Travertine	Porous, banded appearance, neutral color	Flooring, wall cladding, bathrooms



Timeless Stone Solutions (TSS)

Available Services – Restoration 1/2



Service	Description	Why do it?	When to do it?	Signs you need service
Sealing	Topical sealers are coatings that will protect the surface area of the stone. This coating will guard against oil, water and other debris. They are cost-effective, easy to apply. However, low-quality coatings can discolor stone, and reapplying can often require harsh stripping.	Protects stone surfaces from oil, water, and debris. Prevents stains and damage.	When installing new stone surfaces or when stone begins to absorb water/stains.	Water darkens the stone, stains appear easily.
Raku	Raku prevents from corrosion due to the accidental drop of acid substances on surfaces in marble and marble/concrete agglomerates.	Prevents etching and staining on marble and other delicate stones.	When using marble or similar surfaces in high-traffic or spill-prone areas.	New surface or Surface that shows etching marks or discoloration.
TuffSkin	TuffSkin Surface Protection solves the marble etching and staining challenges in the stone industry. Use the stone you want, TuffSkin provides the protection you need.	Prevents etching and staining on marble and other delicate stones.	When using marble or similar surfaces in high-traffic or spill-prone areas.	New surface or Surface that shows etching marks or discoloration.
Etching	Etching occurs when an acidic chemical eats away and dissolves the surface of natural stone, leaving a dull mark. The best and only real way to get rid of these marks is through resurfacing.	Restores stone surface after acid damage.	When dull marks or discoloration appear due to acidic substances.	Dull spots or light-colored marks appear.
Scratches	Foot traffic can scratch natural stone when dirt, sand, and other abrasive debris get stuck under shoes. This usually occurs when materials harder than stone rub up against it. For example, dragging heavy furniture across stone paving can create unsightly marks, spoiling the stones' natural surface.	Removes unsightly marks that affect aesthetics.	When furniture, foot traffic, or debris cause visible scratches.	Visible scratches, rough texture.



Timeless Stone Solutions (TSS)

Available Services – Restoration 2/2

Service	Description	Why do it?	When to do it?	Signs you need service
Cracks	Cracks can occur from stress on Natural Stone.	Prevents further structural damage and improves appearance.	When stress or impact causes visible cracks.	Cracks appear or worsen over time.
Hazing	Efflorescence is a white, chalky substance that may appear on the surface of natural stone. This occurs when salts found in soil and water are dissolved by rain and groundwater. When the moisture evaporates, the salt is left behind. It's a natural process, and won't damage the stone, but it should be cleaned away.	Removes efflorescence deposits for a clean surface.	When white, chalky residue appears on stone.	White powdery deposits form on the surface.
Stains	Oil, rust, and water can leave stains that cannot be cleaned. Certain foods and cleaning acids will also stain the natural stone, although this is less common in outdoor areas. Water stains are the result of deposits in the liquid that builds up over time, whereas the most common culprit of rust stains is metallic objects (nails, bolts, cans, and metal furniture).	Removes discoloration from oil, rust, water, and food spills.	When stains appear and cannot be cleaned with standard methods.	Discoloration, persistent marks.
Concussive Marks	Also called stun marks, these occur when natural stone experiences a sudden, sharp impact that produces a white discoloration. Essentially, it produces weak links that rupture through the rock, causing it to fracture. Hit marks can be surface-deep or run through the entire slab of stone, depending on the weight of the impact.	Repairs impact damage to prevent fractures.	When stone experiences a sharp impact, leading to white discoloration.	White marks or fractures appear after impact.



Timeless Stone Solutions (TSS)

Available Services – Additional / Maintenance



Service	Description	Why do it?	When to do it?	Signs you need service
Bush Hammering	Bush hammering is a texturing technique used on natural stone, concrete, and other hard surfaces to create a rough, weathered, or slip-resistant finish. This process involves using a specialized tool called a bush hammer, which has a head fitted with multiple pointed or pyramidal teeth. The hammer is either manually or mechanically applied to the surface, chipping away small particles to achieve a uniform pitted or dimpled effect.	Creates a textured, slip-resistant surface.	When a rough finish is desired for aesthetics or safety.	Surface needs additional texture for grip or style.
Grout	Is a cement-based or epoxy-based material used to fill gaps between tiles, stones, or masonry. It is typically a paste-like mixture of cement, sand, water, and sometimes additives that hardens over time to create a strong, durable bond.	Fills gaps between tiles and stones for stability and water resistance.	When installing new tile or when existing grout deteriorates.	Gaps or cracks form between tiles.
Caulking	Is a flexible sealing material used to close gaps and joints in construction and home improvement projects. Made from materials like silicone, acrylic, latex, or polyurethane, caulk remains elastic after drying, allowing it to accommodate expansion and contraction.	Seals gaps to prevent water and air infiltration.	When sealing around sinks, tubs, countertops, and joints.	Cracks, shrinking, or peeling in existing caulk.

RAKU

No-etch solution



No-Etch Solution Protection for Marble

Shield Your Natural Stone from Etching with RAKU, Our Groundbreaking New Solution!

RAKU No-Etch solution is an advanced formula that creates a long-lasting shield that safeguards against damage from acidic substances.

Why protect your marble with RAKU?

It's very easy to ruin the elegance of your marble. Even brief contact with an acidic substance can harm your surface, requiring professional restoration assistance. Everyday items like lemon, juice, coke, tomato, wine, ketchup, perfume, and more, commonly found in any household, damage your surface and cause permanent corrosion in no time. RAKU is a groundbreaking product that provides an invisible yet highly durable coating, preventing direct contact between natural stone and acidic substances.

Why use RAKU?

- Highly resistant to acidic corrosion
- Exceptionally resistant to stains from oils and colored substances.
- Excellent resistance to high temperatures
- Non-yellowing
- It forms an ultra-thin layer that is highly resistant to scratches
- It can be applied to marble, terrazzo, stones with brushed, smooth, and polished finishes
- Enhances the natural tone of smooth and brushed surfaces
- Easy to maintain
- Quick application
- Single-component

Where to use RAKU?

- Interior Kitchen Tops
- Bathroom Tops
- Furnishings
- Bar counters
- Outdoor Kitchens Tops
- Interior and Exterior Vertical surfaces



TuffSkin®

SURFACE PROTECTION

SPECIFICATIONS FOR TUFFSKIN SURFACE PROTECTION

- **TuffSkin** is a proprietary stone laminate surface protection designed specifically to protect countertops, tables, bars and vanities fabricated from MARBLE, ONYX and TRAVERTINE.
- **TuffSkin** is constructed of 4 mil (.004) optically clear polyester with Stone Release Adhesive System.
- **TuffSkin** has a hard coat technology to resist wear.
- **TuffSkin** is liquid impermeable and gas permeable.
- **TuffSkin** allows .4625ccm of vapor transfer per 100 sq in. of TuffSkin in a 24 hr period.
- **TuffSkin** to be installed in as clean and dust free environment as possible.
- Surfaces coated with TS to be cleaned with any non-abrasive cleaner using a soft cloth, paper towel or squeegee.
- **TuffSkin is manufactured in two finishes: Gloss and Satin.**
- **TuffSkin** Quality Standard:
 - Coating to be installed as cleanly as possible. Perfect installations are not possible when dealing with natural stone and existing environmental conditions.
 - Customer/customer's representative to approve of sample installation prior to actual installation. The quality of the installation to be as good, or better, then the sample.
 - Manufacturer's visual standard is as follows:

The surface protected with **TuffSkin** when viewed from a distance of four (4) feet will be 95% free of flaws.



Timeless Stone Solutions (TSS)



Floors were:

- Grinded down with (diamond cut pads) and polished.



Timeless Stone Solutions (TSS)



Floors were:

- Polished.



Timeless Stone Solutions (TSS)



Visible scratch marks on natural stone island.



Team resurfacing the island.



End product, scratches are removed.



Timeless Stone Solutions (TSS)



- Polished



- Polished



- Grinded down with (diamond cut pads) and polished.



Timeless Stone Solutions (TSS)



Quartzite cracked during plumbing work (first two photos). Repaired, color-matched, and refinished (last three)



Aged marble drawer cracked (first two photos). Repaired and successfully color-matched (third and fourth)



Timeless Stone Solutions (TSS)



Bathroom floors were polished



Timeless Stone Solutions (TSS)



Honing marble floors



Timeless Stone Solutions (TSS)



Resurfacing



Timeless Stone Solutions (TSS)



Resurfacing & Tuff Skin installed



Timeless Stone Solutions (TSS)



Resurfacing & Tuff Skin installed



Tuff Skin installed