

How A 4 SVCS Restore Granite and Marble Floor

Prepare the floor for flattening. This part of restoration is the most powerful and dynamic. It's lippage removal or flattening. It step consist of grinding and leveling floor. Even new installed marble tile floor can have some tiles be upper or lower of floor flatness. This step removes all ledges, roughness and brings flatness to marble floors. Also, this step can remove the deepest scratches and stains.

Hone the floor. Honing is the step of floor restoration provides smoothing the marble floor with industrial diamonds, which brings up more shine to the marble. Honing will also remove scratches, stains and give a more uniform appearance. In some cases honing is all that's needed to get you stone looking spectacular again.

Polish the floor. Polishing gives semi-shining or shining effect to the marble floor. Polishing is done by industrial diamonds, but smaller graded, than while honing. For marble floors in good condition a polishing can be enough to bring back the shine.

Crystallize the floor. Crystallization is a method of marble floor finishing. It brings "mirror like" shine by chemical reaction on the surface of marble. Crystallization also creates micro film on the surface of marble, which is more solid and durable and helps to preserve the color and the brightness of the marble. Crystallization is a very good method for regular stone maintenance.

Before we do floor restoration there are a number of steps that need to be taken :

- Remove all furnishings
- Complete access of area
- Completely empty the room
- Protect all walls & built-in furniture
- Cover & tape areas to prevent over-spray

Marble & Granite spectacular, metamorphic rock with outstanding beauty and grotesque stones are very magical and amusing are extracted from mountains under the ground & its formations takes up to millions of years under hash natural environment. Natural stone comes in many different colors, shapes & textures. A lot of these materials unfortunately have natural defects, mostly fractures ,superficial holes & pits.The sequence of events which brings natural stone from the quarry to the home has not changed much since stone entered the homes of the ancient Greeks. Large blocks of stone are cut from the quarry. From those blocks, thin pieces of stone are cut called slabs. The slabs are then shaped and polished .Saws perform several functions during fabrication. A block saw, or gang saw, cuts the massive stone blocks into slabs .Polishers grind down the naturally rough surface of the stone to whatever finish the consumer desires. Hard stones like marble and granite can be polished all the way to a mirror finish. Routers create edge profiles on a slab & cut designs on larger pieces like fireplace mantles and hearths.

The process of marble polishing fundamentally makes use of marble sealer &various proven marble shine techniques. The sealer is mainly used for sealing any pores, which may have been left open during the installation, the shining techniques, such as grout washing, are used to provide a new shine & gloss to the flooring.After these stones are polished, they will display their dazzling and bright colors immediately. These stones manifest their

gorgeous natural & elegant patterns to beautify and decorate just about any house.

Marble & Granite are wonderful gifts from nature, They look solid externally. However, they are actually “weak internally”. On their surface, there are many low densities of “tiny holes” with strong water absorption power. Therefore, they are not suitable for layering wet and moist areas. It is for this reason that experienced renovation contractors workers insist on using “dry laying” method. Workers will be very careful in ensuring that the lower and upper layer of the floor are sealed with one layer of water proof cement. This is to prevent moisture being permeated & absorbed thereby affecting their color and luster. The color of the laid Granite or Marble are dim during the raining season at year end & sometimes they might have different patches of colors scattered around. This is the result of the wet environment & weather. Do not be unduly worried by the uneven color patches on the stone. Majority of them will gradually disappear when the weather turns warm. If you pay close attention, you might discover that some patterns and spots might change shape and move about. or they may strangely grow some white spot or brown spot all of a sudden.

Marble flooring & its maintenance

The most beautiful of all stone floor options is marble flooring which is used in homes as well as public buildings & offices number has a set of advantages in addition to the beauty but it can be very expensive to purchase and install. A number of reasons for you to choose marble flooring . It is extremely durable and will lasts for much longer than different types of floor tile , it comes in a number of options in color, design & when considering the cost of installing and maintaining marble flooring easily last anywhere from 2 to 5 times longer than other flooring it will

Marble is naturally resistant to bacteria & the collection of allergens such as pet dander, pollen, and other elements that can collect in carpeting & marble flooring is resistant to moisture, cleaning up spills on a marble floor is a simple task. Mild soap, water, and a clean dry cloth will take care of most spills quickly. The stain resistant qualities of the marble help to minimize the chances that liquids such as wine or grape juice will leave a permanent mark on the marble surface. However, it is important to note that marble is not stain-proof; any spills should be dealt with as quickly as possible.

It is possible to use marble flooring in any room of the home. While many people tend to think of the use of marble floor tile in areas such as the kitchen and bathroom, marble floors can be installed anywhere. Marble flooring is both practical and attractive. While more expensive to install, the floor tile will easily offset the difference in terms of maintaining an attractive appearance for many more years than other options. Whether building a new home or remodeling an older house, marble floors should be considered a viable option.

Marble needs to be cared for properly. If it is neglected and abused, the natural beauty of the Marble will not be preserved & when it comes to marble polishing , grinding & repair, there are many different types of marble and each needs to be addressed for it's unique properties. Marble floor repair of older marble floors should be repaired first, cleaned, and then finally sealed . Some of the process are :-

Pure white marble is the result of metamorphism of very pure limestone. Green coloration is often a serpentine pattern resulting from high magnesium content in the limestone with added silica impurities.

Marble honing is a method used to remove lippage (high edges) and scratches, this process is often used with limestone products and can give the marble a low luster finish

Marble repair, (using epoxy) with an array of different tints, begins with filling in all holes or chips and matching the feel and look of the marble.

Re-grouting, where the contractor has to remove all of the old grout and replaces it with a color of the color of your choice & in some cases wax

Lippage removal is a process to correct uneven marble surfaces & this is done by grinding down the areas.

Marble polishing is a work of outstanding precision and skills; therefore, it is often advised to conduct a proper research before hiring the best marble polishing services.

The Three Step 'Mirror Image Marble Polishing Process

- 1) Initially, a grinding process takes place & grinding is determined by a number of factors, such as the age and colour of the marble, depth of scratches, wear, level & surface etc.
- 2) Next, the freshly ground surface is chemically hardened, transforming the calcium carbonate into a fluoride derivative. This phase of the process significantly increases durability and protects from staining. The end result is a marked reduction of maintenance costs.
- 3) Finally, a brilliant glass-like finish is returned to the marble, which in most cases is actually deeper than the original quarry-applied finish. The 'Mirror Image Polish' lasts much longer than any polymer or synthetic coating, and will never require stripping.

A 4 SVCS periodic marble polishing & maintenance by grinding, stripping, repairing, will bring back the luster and beauty of your marble floor & will maintain the luster and more importantly, keep significant re-soiling and deterioration from ruining your marble application

Marble, flooring daily maintenance can be done easily, and with the least expense by daily housekeeping. Keep the floor or surface clean of dirt, water build up and ice salts used to melt ice at the door by placing a special mat with a rubber waterproof backing. This helps tremendously in stopping the penetration and abrasion of dirt and other debris.

Mop frequently with warm plain water using a cotton string mop, and whenever possible quickly blot up any spills, especially grease and oil, do those immediately; this will help to minimize their absorption into the stone. Routinely using detergents for cleaning is not the best method of keeping your marble floors clean, as they can dull your polished stone surfaces, as well as contain harsh chemicals that can cause damage to your marble floors over time. For extreme griminess, add a minimal amount of ammonia to water, so little that there is no odor present with the mixture when diluted. You can also alternate the use of a diluted solution of a neutral pH detergent, first testing on a small area of the marble being cleaned