



BRADLEYSTONE INDUSTRIES LIMITED

Care & Maintenance

As Recommended by the Natural Stone Institute

To preserve the beauty of your natural stone, follow these easy care tips:

- Coasters: Use coasters under all glasses, particularly those containing alcohol or citrus juices.
- Trivets: While many stones can withstand heat, the use of trivets or mats is recommended.
- Dust Mopping: Dust mop interior stone floors frequently using a clean non-treated dry dust mop. Sand, dirt and grit are abrasive and can damage natural stone.
- Mats/rugs: Mats or area rugs inside and outside an entrance will help to minimize the sand, dirt and grit that may scratch the stone floor. Be sure that the underside of the mat or rug is a slip resistant surface.
- Vacuum cleaners: If used, be sure the metal or plastic attachments or the wheels are not worn as they can scratch the surface of some stones.
- Spills: Blot the spill with a paper towel immediately. Don't wipe the area, it will spread the spill. Flush the area with water and mild soap and rinse several times. Dry the area thoroughly with a soft cloth. Repeat as necessary.

Cleaning

- Clean stone surfaces with a neutral cleaner, stone soap, or a mild liquid dishwashing detergent and warm water.
- Similar to any item cleaned in your home, an excessive concentration of cleaner or soap may leave a film and cause streaks. Follow manufacturer recommendations.
- Use a clean rag mop on floors and a soft cloth for other surfaces for best results.
- Rinse the surface thoroughly after washing with the soap solution and dry with a soft cloth.
- Change the rinse water frequently.
- In the bath or other wet areas, soap scum can be minimized by using a squeegee after each use. To remove soap scum, use a non-acidic soap scum remover or a solution of ammonia and water (about 1/2 cup ammonia to a gallon of water). Frequent or over-use of an ammonia solution may eventually dull the surface of some stone types.
- In outdoor pool, patio or hot tub areas, flush with clear water and use mild bleach solution to remove algae or moss.

Cleaning Products

- Many suppliers offer products used for stone cleaning.
- Products containing lemon, vinegar or other acids may dull or etch calcareous stones.
- Scouring powders or creams often contain abrasives that may scratch certain stones.
- Many commercially available rust removers (laundry rust stain removers, toilet bowl cleaners) contain trace levels of hydrofluoric acid (HF). This acid attacks silicates in addition to other minerals. All stones, including granite and quartzite, will be attacked if exposed to HF.
- Do not mix ammonia and bleach. This combination creates a toxic and lethal gas.

Sealing

Sealing is a common step taken on some stones as an extra precaution against staining. In fact, the sealing products used in the stone industry are “impregnators” which do not actually seal the stone, but more correctly act as a repellent rather than a sealer. Sealing does not make the stone stain proof; rather, it makes the stone more stain resistant. When consulting with your stone supplier, you may find that many stones do not require sealing. However, applying an impregnating sealer is a common practice.

When considering sealing, remember that sealing the stone does not make the stone stain proof, it makes it more resistant to staining. If a sealer is applied in a food preparation area, be sure that it is non-toxic and safe for use.

Prior to installation, Bradley Stone will apply an impregnating sealer to every natural stone countertop fabricated in our shop. Consult Bradley Stone for the recommended type of sealer and frequency of use.

Stain Identification Tips

Identifying the type of stain on the stone surface is the key to removing it. Stains can be oil based, organic, metallic, biological, ink based, paint based, acid based. If you don't know what caused the stain, consider likely staining agents that may have been present. Here are some questions you consider:

Where is the Stain Located?

- Is it near a plant, a food service area, an area where cosmetics are used?
- What color is it?
- What is the shape or pattern?
- What occurs in the area around the stain?

Stain Removal Steps

Surface stains can often be removed by cleaning with an appropriate cleaning product or household chemical.

What Type of Stain is It?

The following sections describe the types of stains you may have to deal with and the appropriate household chemicals to use and how to prepare and apply a poultice to remove the stain.

Oil-based

(grease, plumbers' putty, tar, cooking oil, milk, cosmetics)

An oil-based stain will darken the stone and normally must be chemically dissolved so the source of the stain can be flushed or rinsed away. Clean gently with a soft, liquid cleanser with one of the following: household detergent, mineral spirits, or acetone.

Organic

(coffee, tea, wine, fruit, tobacco, paper, food, urine, leaves, bark, bird droppings)

May cause a pinkish-brown stain and may disappear after the source of the stain has been removed. Outdoors, with the sources removed, sun and rain action will generally bleach out the stains. Indoors, clean with 12% hydrogen peroxide (hair bleaching strength) and a few drops of ammonia.

Metal

(iron, rust, copper, bronze)

Iron or rust stains are orange to brown in color and follow the shape of the staining object such as nails, bolts, screws, cans, flower pots, metal furniture. Copper and bronze stains appear as green or muddy-brown and result from the action of moisture on nearby or embedded bronze, copper or brass items. Metal stains must be removed with a poultice. (See [Using a Poultice](#)) Deep-seated, rusty stains are extremely difficult to remove and the stone may be permanently stained.

Biological

(algae, mildew, lichens, moss, fungi)

Clean with diluted cleaning solution. Use a 1/2 cup of any of the following: ammonia, bleach, or hydrogen peroxide and a gallon of water. Reminder: do not mix bleach and ammonia.

Ink

(magic marker, pen, ink)

On light colored stones, clean with bleach or hydrogen peroxide. On dark colored stones, clean with lacquer thinner or acetone.

Water Spots and Rings

(surface accumulation of hard water)

Buff with dry super fine (grade 0000) steel wool.

Etch Marks

(caused by acids left on the surface of the stone)

Some materials will etch the finish but not leave a stain. Others will both etch and stain. Contact Bradley Stone Industries or call a professional stone restorer for refinishing or repolishing etched areas.

Efflorescence

(a white powder that may appear on the surface of the stone)

It is caused by the deposition of mineral salts carried by water from below the surface of the stone. When the water evaporates, it leaves the powdery substance. If the installation is new, dust mop or vacuum the powder. You may have to do this several times as the stone dries out. Do not use water to remove the powder; it will only temporarily disappear. If the problem persists, contact your installer to help identify and remove the cause of the moisture.

Scratches and Nicks

Slight surface scratches may be buffed with dry 0000 steel wool. Deeper scratches and nicks in the surface of the stone should be repaired and repolished by a professional.

Using a Poultice

[Click here](#) for more information on how to make a poultice, or call a stone professional (recommended).

Natural stone is easy to clean and maintain!

Call Bradley Stone Industries (440) 519-3277 for problems that appear too difficult to handle.