

CARE & MAINTENANCE

Fiber reinforced Natural Concrete (FRC)

Greenstone FRC concrete products are comprised of natural materials only, granite stone powder, Portland cement, natural Jute fibers and water. Much like any natural material such as wood or stone, concrete is a porous material. We have sealed your concrete with a wax sealer that will provide active protection against staining. To ensure the lasting beauty of your concrete surfaces we recommend reviewing and practicing the following care and maintenance instructions.

After Installation

Your greenstone FRC product has been sealed for protection against moisture and staining. Once the pieces have been waxed we recommend allowing them to remain free of objects on the surface for at least 6 to 12 hours. This enables the wax to penetrate the material evenly before the beginning of regular use. The wax we use is a paraffin based substance that hardens the material and protects the surface from staining.

Cleaning your greenstone Product

Clean your greenstone FRC product using mild soap (such as dish soap) and water. Do not use heavy abrasive, bleach-based, or ammoniated cleansers. Use of such cleansers will wear down the wax protection and result in less stain resistance. We do not recommend use of most natural cleansers (which are often citrus based), as the cleaning agent is typically highly acidic and can damage natural materials.

Regular Maintenance

Re-wax periodically. Waxing your product regularly is a quick and easy process that will provide additional protection against staining. Wax once within 2 months of installation of your product and every 3 to 6 months thereafter, depending on use and location. If the product is placed outside, wax it well before winter. Cover and raise off the ground! Recommended product for this is greenstone Repair- and Polish Wax® or any other commercially available Stone floor wax on paraffin base.

Avoiding Stains

Regular food preparation will not stain the concrete as the sealer and wax serve as active barriers. In the event that the coating is knowingly cut, scraped, or damaged, new wax should be reapplied. Spills should be wiped up as soon as possible. While the waxing performs well against stains from oils and acidic materials, prolonged exposure may cause penetration of the sealer and possible discoloration.

Winter

In countries with cold winter, take care about :

- Planters need to drain water. Make sure that you have no stagnant water inside. Also lift your planter 5mm or more from the ground and make 100% safe waterway under your pot
- All products need to breath. Do not cover with a waterproof cover (such as plastic) which will create moisture inside.
- Wax the product, especially edges and corners before the winter

Expect occasional rings to appear from unknown liquids. Oils in particular can penetrate the surface if forced in from the weight of a glass or jar. Wiping up oil spills can minimize staining.

Please note that bath oils in particular should not be used as they will cause staining from being left in contact with the surface of the concrete for too long. The first stain is always the worst. Expect the wear of your product to contribute to its uniqueness.

Using felt or rubber feet pads is recommended for the bottom surfaces of all objects left to remain on the surface of your product indefinitely, especially unglazed ceramics such as terracotta pots. Unglazed ceramics compete for residual moisture in the concrete and may cause discoloration. Do not place hot objects on the surface as they may cause discoloration. Using a trivet is recommended. At any point, refrain from putting blue painter's tape or other adhesives directly on the product. Although not considered a defect, non-structural hairline cracks are possible and may result from shrink do appear, immediately apply a thick coat of wax and rub in well to prevent moisture from seeping into and surrounding surfaces periodically as detailed above.

Frequently Asked Questions

What should I use to clean my greenstone product?

We recommend using a mild, non-abrasive, non-ammoniated soap for daily cleaning. Stone soap may also be used for ongoing maintenance and conditioning.

Is concrete always sealed?

Concrete is sealed and waxed to protect it from staining and moisture. The level and kind of sealer or wax varies per project. We recommend re-waxing every 3 months and re-sealing every 2 years. Expect your greenstone product to develop a patina and improve with time.

Will concrete crack?

Although not considered a defect, non-structural hairline cracks are possible and may result from shrinkage as the concrete fully cures.

Is concrete structurally reinforced?

Using our own proprietary casting process, each piece is custom reinforced with natural Jute fibers resulting in a product with extremely high strength at only a fraction of the weight of typical concrete.

Are there color choices?

Almost an unlimited amount of color choices. In addition to our line of standard colors, custom color matching is available. Custom aggregates and inlays are also available.

What products does greenstone co ltd make?

Since 2008 we have been fabricating planters, vases, deco objects, busts and statues, dining and coffee tables, mirrors and lamps, chairs and benches, kitchen sinks, fountains and other objects of interest, in short, we have brought our unique concrete look to many products.

How big is the production of greenstone co ltd?

We produce on about 3000 sqm with a total staff of about 120 persons. Monthly capacity is around 10 x 40' containers.