



Stone Restore® HD

Heavy Duty Concentrated Stone Restoration Cleaner

Stone Restore HD removes stubborn mineral stains from all types of stone. This is a highly effective preparatory product for use previous to the application of stone sealers.

Description

This product is an alternative to straight muriatic acid. It contains a combination of environmentally friendly, scum-free surfactants, builders, solvents and acids, which are developed for cleaning stone surfaces of all types. This product removes a thin layer of substrate at a molecular level in order to remove stains caused by rust, minerals, oxidation, corroding metals and more.

REVOLUTIONIZING THE BUILDING MAINTENANCE INDUSTRY

Specifications

Advantages

- Removes efflorescence
- Fast-acting
- Eliminates rust stains
- Eradicates red clay stains
- Safe for brick and block
- Fights stains caused by mold and mildew
- Deep penetrating action
- Safe on glass and anodized aluminum if used according to directions

Limitations

Take special precautions when using any acidic cleaner. This product may cause etching on unprotected aluminum surfaces. Certain brick containing magnesium or other metals may turn green or brown when exposed to acidic cleaners.

Horizontal or Vertical

This product is suitable for use on horizontal or vertical surfaces.

Intended Use

This product is designed for use on most types of stone. Special precautions are required when using this product to clean limestone, marble or travertine.

Necessary Equipment

- Protective gear
- Running water
- Chemical sprayer
- Pressure washer (optional)
- Stone brush (optional)

Surface Preparation

Protect unintended surfaces from contact, including traffic and pedestrian areas below the project, electric tools, wood, furniture, fixtures and plants. Always test in a small, inconspicuous area prior to use.

Dilution

Stone Restore HD can be used full strength or diluted. For brick surfaces or final restorative cleaning of rough limestone surfaces, dilute cleaner 1 to 9 with water. For horizontal concrete with stubborn red clay stains, start by using a 1 to 1 mix, then dilute as needed. Use undiluted to remove efflorescence.

Application

Wet intended surface prior to application. Have running water available to keep the surface damp. Apply an even coat of cleaner using a low-pressure (40 psi max.), chemical-resistant sprayer. Start at the bottom and work the product upward, spreading an even coat on the surface. Keep area moistened with Stone Restore HD to loosen



the soil. Immediately rinse any unintended surfaces, such as glass or frames.

For deep stains, allow the cleaner to penetrate the substrate for 10-20 minutes, but never allow surface to dry.

After product has saturated the stone, rinse using a pressure washer and a white, 40-degree tip or a green, 25-degree tip. Keep the tip as far away from the surface as possible. If a pressure washer is not available, use a brush to help loosen stubborn soils. For best results, rinse with heated, deionized water.

Always rinse the area thoroughly to ensure no product is left behind. Multiple applications may be required for heavily soiled, porous or absorbent surfaces, and should be applied immediately after the initial application. Follow the same instructions for each application.

Situations including various stone types or different natured stains may require multiple products. Presto's stone cleaning line includes:

- **Stone Restore® NC**
For general cleaning of sensitive stone surfaces that require a neutral cleaner
- **Stone Restore® A+**
For heavy stains caused by oil, grease, grime and environmental pollution
- **Stone Restore® CT**
A multi-purpose stone cleaner that removes a variety of stains from all types of stone material

Stone Restore® HD Suitability Sheet

Substrate	Type	Polished	Rough	H	V	Coverage Rates
Architectural Materials	Concrete	Yes	Yes	Yes	Yes	150 to 200 sq. ft.
	Precast	Yes	Yes	Yes	Yes	150 to 250 sq. ft.
	Cast in Stone	Yes	Yes	Yes	Yes	150 to 300 sq. ft.
	Stucco	Yes	Yes	Yes	Yes	150 to 200 sq. ft.
	Terrazzo	Yes	Yes	Yes	Yes	150 to 250 sq. ft.
Siliceous Natural Stone	Quartz	No	No	No	No	300 to 700 sq. ft.
	Quartzite	No	No	No	No	300 to 700 sq. ft.
	Granite	No	No	No	No	300 to 700 sq. ft.
	Serpentine	No	No	No	No	300 to 700 sq. ft.
	Slate	Yes*	Yes*	Yes*	Yes*	300 to 700 sq. ft.
	Sandstone	Yes*	Yes*	Yes*	Yes*	150 to 300 sq. ft.
	Bluestone	Yes*	Yes*	Yes*	Yes*	150 to 300 sq. ft.
	Brownstone	Yes*	Yes*	Yes*	Yes*	150 to 300 sq. ft.
	Flagstone	Yes*	Yes*	Yes*	Yes*	150 to 300 sq. ft.
Soapstone	Yes*	Yes*	Yes*	Yes*	300 to 500 sq. ft.	
Calcareous Natural Stones	Limestone	Yes*	Yes*	Yes*	Yes*	150 to 250 sq. ft.
	Marble	Yes*	Yes*	Yes*	Yes*	150 to 250 sq. ft.
	Travertine	Yes*	Yes*	Yes*	Yes*	150 to 250 sq. ft.
Masonry and Grout	Brick	Yes	Yes	Yes	Yes	150 to 200 sq. ft.
	Pavers	Yes	Yes	Yes	Yes	150 to 200 sq. ft.
	Block	Yes	Yes	Yes	Yes	150 to 200 sq. ft.
	Burnished Block	Yes	Yes	Yes	Yes	150 to 200 sq. ft.
	Split-Face Block	Yes	Yes	Yes	Yes	150 to 200 sq. ft.
Tile and Grout	Mexican Tile	Yes*	Yes*	Yes*	Yes*	400 to 600 sq. ft.
	Unglazed tile	Yes*	Yes*	Yes*	Yes*	400 to 600 sq. ft.
	Clay	Yes*	Yes*	Yes*	Yes*	400 to 600 sq. ft.
	Terra-Cotta	Yes*	Yes*	Yes*	Yes*	400 to 600 sq. ft.
	Quarry Tile	Yes*	Yes*	Yes*	Yes*	400 to 600 sq. ft.
	Ceramic Tile	Yes*	Yes*	Yes*	Yes*	400 to 600 sq. ft.
	Porcelain Tile	Yes*	Yes*	Yes*	Yes*	400 to 600 sq. ft.

Coverage rates are calculated based on using an undiluted amount of product
Sq. ft. is per gallon of product for one coat of material

H - Horizontal Surfaces

V - Vertical Surfaces

* Yes, but highly diluted and only as a last resort



- **Stone Restore® CB²**
For difficult to remove biological stains
- **Stone Restore® PS**
For stubborn surface contamination on all types of polished stone

Stain & Product Effectiveness	
Dust & Dirt	Yes
Mildew	Yes
Mold	Yes
Algae	Yes
Soap Scum	Yes
Exhaust	Yes
Efflorescence	Yes
Mineral Deposits	Yes
Rust	Yes
Red Clay	Yes
Caulking Residue	No
Waterproofing Leaching	No
Oil	No
Grease	No
Food Stains	Yes

For more product information, refer to the stone stain compatibility charts on Presto's website.

Precautions

Use as directed. Stone Restore HD may cause discoloration on stone surfaces or affect adhesion of water repellants if used incorrectly. Never let this product dry on the surface. May damage limestone or travertine surfaces when used undiluted.

Recommendations

We recommend the use of one of Presto's stone protective treatments to protect the newly restored surface for years:

- **Leach Stop®** – Mineral Leaching Mitigation Treatment™
- **ElaSticone®** – Silicone sealer for concrete, masonry and stone surfaces
- **ElaSticone® GSX** – Silicone with graffiti protection for concrete, masonry and stone surfaces
- **Protect-A-Stone®** – High-performance oil protection for stone surfaces
- **Stone Guardian®** – UV-resistant, breathable protection for superior water, oil and stain resistance
- **ReJuviSeal®** – Rejuvenating oil protection for stone surfaces
- **Stone Enhancer® Series** – Film-forming, acrylic-based protection for stone surfaces

Warranties

The information provided by Presto for the safe and effective use of this product, and all of our products, is believed to be good and accurate. However, due to the many different possible applications of this product, careful considerations should be made when selecting its suitability for each surface.

The information provided should never be substituted for individual testing to ensure the product's compatibility with each surface intended for use. The purchaser shall assume all responsibility for determining the suitability of this product. When used as intended, this product will perform as stated. No other warranty can be made for this product, verbally or written.

Presto warrants this product to be free from defects. In the event this product is found to be defective, we will provide a sufficient amount of product to replace the defective product.

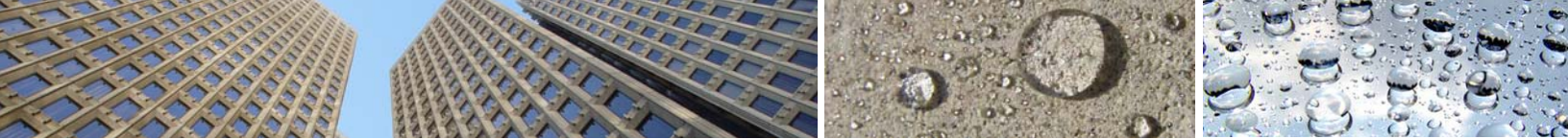
Info Chart	
Water Based	Yes
Flammable	No
User Friendly	No
Economically Efficient	Yes
Environmentally Friendly	No
Color	Purple
Smell	Unique

Green Synergy Product

Presto's Green Synergy Products™ work synergistically with each other to protect all surfaces of a building without damaging Presto's protective coatings present on those surfaces. These products are designed to be the longest lasting protection available for preserving the appearance of buildings.

Green Synergy Products are designed so that they will not easily break down and leach degrading materials onto adjacent surfaces.

Green Synergy Products work to save you money. Listed on our website is a 10-year Return on Investment graph that depicts the long-term cost savings associated with using Presto's Green Synergy Products compared to competitive options that utilize older technology. More information can be found at www.IsYourBuildingGreen.com



About Presto

Presto Restoration Products was created to implement higher performing technology, safer practices and products that provide a better return on investment to the building restoration and maintenance industry. Our expertise is researching and developing products and techniques to restore and preserve the magnificence of high-rise buildings built with architectural glass, metal and stone surfaces.

Presto strives to design products that comply with the Green Building Standards Act, which promotes better environmental standards for the construction, rehabilitation and maintenance of buildings:

- Improve energy efficiency and increase generation of energy through renewable and clean energy technologies

- Increase the demand for environmentally preferable building materials, finishes and furnishings
- Improve the environment by decreasing the discharge of pollutants from buildings
- Create industry and public awareness of new technologies that can improve the quality of life for building occupants
- Improve the health and productivity of building occupants by meeting advanced criteria for indoor environmental quality

At Presto, we have mastered the art of balancing quality and compliance through our dedication to Building Product Synergy™ for a safer, greener environment.

Presto continues to perform extensive research, development and testing on various methods of commercial exterior restoration and preservation.

Product Availability

Stone Restore HD is available in the following sizes:

5-Gallon Pail



555 North Point Center East
4th Floor
Alpharetta, GA 30022

Website

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