



Leach Stop

Mineral Leaching Mitigation Treatment

Leach Stop is an invisible, protective barrier that helps to prevent architectural precast, GFRC, concrete and natural stone surfaces from leaching onto adjacent building materials which causes stains. This product is designed for high-performance building restoration and preservation applications.

Description

This product is a film-forming, UV-resilient, breathable sealer. It is designed to penetrate the surface and react with the silica within the stone, expanding and filling cracks and crevices in the material to create a long-lasting repellency to oil, water and waterborne stains. The primary function of this product is to help prevent precast from leaching onto glass and metal frames in multi-story buildings with flush-mounted windows. This product is created from a proprietary blend of partially inorganic polymers, and therefore will not degrade like inferior, conventional stone sealers. Conventional sealers leach degrading materials from the surfaces on which they are applied. Leach Stop protects surfaces from water erosion, which contributes to stains when minerals are carried down onto architectural surfaces. This treatment will help to protect the surface for up to 10 years. Surfaces treated with this product can easily be cleaned using deionized water and a mild detergent such as Presto's **Green-Kleen**.

Active Ingredients: A blend of Silicone, Quartz and Fluoropolymers

REVOLUTIONIZING THE BUILDING MAINTENANCE INDUSTRY

Specifications

Advantages

- Mitigates leaching and efflorescence
- Excellent UV stability
- Can withstand extreme temperature fluctuations
- Creates a breathable surface
- Excellent beading capabilities
- Surface stays cleaner longer
- Strong surface bonding capability
- Prevents surface wetting or darkening

- Suitable on polished stone and dense surfaces
- Will not degrade or leach
- Stain-resistant
- Helps to protect against graffiti
- Only one coat needed
- Long-lasting protection
- Invisible protection
- Easy to use

Intended Use

Leach Stop was designed for use on precast, concrete and natural architectural stone.

Horizontal or Vertical

Leach Stop can be used for horizontal and vertical surfaces. Horizontal surfaces may need reapplication sooner than vertical surfaces.

Surface Preparation

Complete all caulking and surrounding construction substrate applications prior to using this product. Newly installed stone or grout must be allowed to cure before application.



Protect against personal contact with this and all chemical products. Always test in a small, inconspicuous area prior to use. Ensure the stone is completely clean and free from all dirt, staining and biological growth using any of Presto's stone cleaning products. Make sure to thoroughly rinse the material to ensure no product is left behind on the surface prior to sealing. Any cleaning product left on the surface can interfere with the protective coating. Never apply to a damp or wet surface. Do not apply at below freezing temperatures. Protect any unintended areas.

Application

Use a low-pressure sprayer, roller, brush, sponge or lambs wool applicator. Product may also be back rolled. Do not dilute; apply full strength. Apply product to create an even coat on the surface. Allow product to saturate surface. Do not allow product to pool on the surface and dry, or protection will be uneven and a residue may form. Remove excess material with a rag or towel. A second coat may be needed for porous, absorbent surfaces or for superior protection. Subsequent coats should be applied in the same manner as the first while the initial application is drying. Never apply a second coat if two coats were not tested and approved prior to use.

Leach Stop Suitability Sheet

Substrate	Type	Polished	Rough	H	V	Coverage Rates
Architectural Materials	Concrete	Yes	Yes	Yes	Yes	250 to 500 sq. ft.
	Precast	Yes	Yes	Yes	Yes	250 to 500 sq. ft.
	Cast in Stone	Yes	Yes	Yes	Yes	250 to 500 sq. ft.
	Stucco	Yes	Yes	Yes	Yes	250 to 500 sq. ft.
	Terrazzo	Yes	Yes	Yes	Yes	250 to 500 sq. ft.
Siliceous Natural Stone	Quartz	Yes	Yes	Yes	Yes	250 to 500 sq. ft.
	Quartzite	Yes	Yes	Yes	Yes	250 to 500 sq. ft.
	Granite	Yes	Yes	Yes	Yes	250 to 500 sq. ft.
	Serpentine	Yes*	Yes*	Yes*	Yes*	250 to 500 sq. ft.
	Slate	Yes*	Yes*	Yes*	Yes*	250 to 500 sq. ft.
	Sandstone	Yes*	Yes*	Yes*	Yes*	250 to 500 sq. ft.
	Bluestone	Yes*	Yes*	Yes*	Yes*	250 to 500 sq. ft.
	Brownstone	Yes*	Yes*	Yes*	Yes*	250 to 500 sq. ft.
	Flagstone	Yes*	Yes*	Yes*	Yes*	250 to 500 sq. ft.
Soapstone	Yes*	Yes*	Yes*	Yes*	250 to 500 sq. ft.	
Calcareous Natural Stones	Limestone	Yes	Yes	Yes	Yes	250 to 500 sq. ft.
	Marble	Yes	Yes	Yes	Yes	250 to 500 sq. ft.
	Travertine	Yes	Yes	Yes	Yes	250 to 500 sq. ft.
Masonry and Grout	Brick	Yes	Yes	Yes	Yes	250 to 400 sq. ft.
	Pavers	Yes	Yes	Yes	Yes	250 to 400 sq. ft.
	Block	Yes	Yes	Yes	Yes	250 to 400 sq. ft.
	Burnished Block	Yes	Yes	Yes	Yes	250 to 400 sq. ft.
	Split-Face Block	Yes	Yes	Yes	Yes	250 to 400 sq. ft.
Tile and Grout	Mexican Tile	Yes	Yes	Yes	Yes	500 to 1200 sq. ft.
	Unglazed tile	Yes	Yes	Yes	Yes	500 to 1200 sq. ft.
	Clay	Yes	Yes	Yes	Yes	500 to 1200 sq. ft.
	Terra-Cotta	Yes	Yes	Yes	Yes	500 to 1200 sq. ft.
	Quarry Tile	Yes	Yes	Yes	Yes	500 to 1200 sq. ft.
	Ceramic Tile	Yes	Yes	Yes	Yes	500 to 1200 sq. ft.
	Porcelain Tile	Yes	Yes	Yes	Yes	500 to 1200 sq. ft.

Sq. ft. is per gallon of product for one coat of material
 H - Horizontal Surfaces
 V - Vertical Surfaces

Yes* - Yes, but Presto has other products in its line better suited for this application.



Protection will start to begin immediately after product dries on the surface. Cure time for maximum water and stain protection is 24-72 hours. Protect surface from contact with water for at least 48 hours. Application rates, concentration, temperature and humidity can impact dry and cure time.

In many instances, a combination of different stone cleaning products is necessary for various stone surfaces depending on their level and type of staining. Presto offers a complete line of stone cleaning products for all situations, including:

- **Stone Restore HD**
For difficult to remove mineral stains caused by efflorescence, rusting, red clay, iron, and more
- **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 citrus multi-purpose stone cleaner that removes oil and a variety of stains
- **Stone Restore CB²**
For difficult to remove biological stains
- **Stone Restore PS**
For stubborn surface contamination on all types of polished stone

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

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	Yes
Oil	No
Grease	No
Food Stains	Yes

Cleanup

Clean tools and equipment with mineral spirits. In the event Leach Stop is allowed to come in contact with adjacent surfaces, dries and is difficult to remove, use any of the following surface restoration products:

- **Sticker Shocker** Hard Surface Sticky Residue Remover
- **EnviRestore** Glass Stain Remover
- **EnviRestore** Metal Stain Remover
- **Stone Restore PS** Polished Stone Stain Remover Cream

Protected Surface Maintenance Instructions

For ongoing maintenance of the protected surface, we recommend the use of Green-Kleen diluted 10 to 1 with water, preferably heated, deionized water. Apply the diluted product to the surface. Allow to sit for one or two minutes. Then gently rinse the

surface clean with very little to no pressure. If necessary, use a soft brush to loosen any stubborn soils from the surface. For exterior vertical surfaces on a building that is being properly cleaned using Presto products, we recommend cleaning the surface every 2-3 years to retain a clean appearance and preserve the previous restoration. High pressure is not needed and may damage the surface coating and weaken its performance. This maintenance cleaning is not mandatory to ensure the coating will last as stated in the warranty and is only a recommendation.

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	No
Combustible	Yes
User Friendly	No
Economically Efficient	Yes
Environmentally Friendly	No
Color	Clear
Smell	Petroleum

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

Leach Stop is available in the following sizes:

5-Gallon Pail

35lbs approx



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