



# 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 designed to penetrate the surface and react with the silica within the stone, expanding and filling cracks and crevices to create a long-lasting repellency to oil, water and waterborne stains. The primary function is to help prevent precast from leaching onto glass and metal frames in multi-story buildings with flush-mounted windows. Created from a proprietary blend of partially inorganic polymers, it will not degrade like inferior conventional sealers. Leach Stop protects surfaces from water erosion which contributes to stains when minerals are carried down onto architectural surfaces. This treatment helps protect the surface for up to 10 years.

*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, invisible protection
- Easy to use

#### Intended Use

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

#### Coverage Rates

250–500 sq. ft. per gallon - architectural materials

250–400 sq. ft. per gallon - masonry and grout

500–1,200 sq. ft. per gallon - tile and grout

#### Horizontal or Vertical

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

#### Surface Preparation

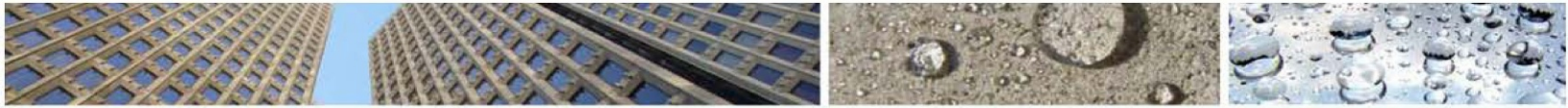
Complete all caulking prior to using this product. Newly installed stone or grout must be allowed to cure before application. Ensure the stone is completely clean and free from all dirt. Thoroughly rinse before sealing. Never apply to a damp or wet surface or at below freezing temperatures.



## Surface Suitability

| Substrate                        | Type             | Polished | Rough | H   | V   | Coverage Rates    |
|----------------------------------|------------------|----------|-------|-----|-----|-------------------|
| <b>Architectural Materials</b>   | Concrete         | Yes      | Yes   | Yes | Yes | 250–500 sq. ft.   |
|                                  | Precast          | Yes      | Yes   | Yes | Yes | 250–500 sq. ft.   |
|                                  | Cast in Stone    | Yes      | Yes   | Yes | Yes | 250–500 sq. ft.   |
|                                  | Stucco           | Yes      | Yes   | Yes | Yes | 250–500 sq. ft.   |
|                                  | Terrazzo         | Yes      | Yes   | Yes | Yes | 250–500 sq. ft.   |
| <b>Siliceous Natural Stone</b>   | Quartz           | Yes      | Yes   | Yes | Yes | 250–500 sq. ft.   |
|                                  | Quartzite        | Yes      | Yes   | Yes | Yes | 250–500 sq. ft.   |
|                                  | Granite          | Yes      | Yes   | Yes | Yes | 250–500 sq. ft.   |
|                                  | Serpentine       | Yes*     | Yes*  | Y*  | Y*  | 250–500 sq. ft.   |
|                                  | Slate            | Yes*     | Yes*  | Y*  | Y*  | 250–500 sq. ft.   |
|                                  | Sandstone        | Yes*     | Yes*  | Y*  | Y*  | 250–500 sq. ft.   |
|                                  | Bluestone        | Yes*     | Yes*  | Y*  | Y*  | 250–500 sq. ft.   |
|                                  | Brownstone       | Yes*     | Yes*  | Y*  | Y*  | 250–500 sq. ft.   |
|                                  | Flagstone        | Yes*     | Yes*  | Y*  | Y*  | 250–500 sq. ft.   |
|                                  | Soapstone        | Yes*     | Yes*  | Y*  | Y*  | 250–500 sq. ft.   |
| <b>Calcareous Natural Stones</b> | Limestone        | Yes      | Yes   | Yes | Yes | 250–500 sq. ft.   |
|                                  | Marble           | Yes      | Yes   | Yes | Yes | 250–500 sq. ft.   |
|                                  | Travertine       | Yes      | Yes   | Yes | Yes | 250–500 sq. ft.   |
| <b>Masonry &amp; Grout</b>       | Brick            | Yes      | Yes   | Yes | Yes | 250–400 sq. ft.   |
|                                  | Pavers           | Yes      | Yes   | Yes | Yes | 250–400 sq. ft.   |
|                                  | Block            | Yes      | Yes   | Yes | Yes | 250–400 sq. ft.   |
|                                  | Burnished Block  | Yes      | Yes   | Yes | Yes | 250–400 sq. ft.   |
|                                  | Split-Face Block | Yes      | Yes   | Yes | Yes | 250–400 sq. ft.   |
| <b>Tile &amp; Grout</b>          | Mexican Tile     | Yes      | Yes   | Yes | Yes | 500–1,200 sq. ft. |
|                                  | Unglazed Tile    | Yes      | Yes   | Yes | Yes | 500–1,200 sq. ft. |
|                                  | Clay             | Yes      | Yes   | Yes | Yes | 500–1,200 sq. ft. |
|                                  | Terra-Cotta      | Yes      | Yes   | Yes | Yes | 500–1,200 sq. ft. |
|                                  | Quarry Tile      | Yes      | Yes   | Yes | Yes | 500–1,200 sq. ft. |
|                                  | Ceramic Tile     | Yes      | Yes   | Yes | Yes | 500–1,200 sq. ft. |
|                                  | Porcelain Tile   | Yes      | Yes   | Yes | Yes | 500–1,200 sq. ft. |

Sq. ft. is per gallon of product for one coat. H = Horizontal Surfaces | V = Vertical Surfaces | Yes\* = Yes, but Presto has other products better suited for this application. Y\* = Yes\* abbreviated for H/V columns.



## 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 the 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. Protect any unintended areas from contact.

| Stain & Product Effectiveness |     | Cleanup  |
|-------------------------------|-----|--|
| Dust & Dirt                   | Yes | 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: |
| Mildew                        | Yes |  |
| Mold                          | Yes |  |
| Algae                         | Yes |  |
| Soap Scum                     | Yes |  |
| Exhaust                       | Yes |  |
| Efflorescence                 | Yes |  |
| Mineral Deposits              | Yes |  |
| Rust                          | Yes |  |
| Red Clay                      | Yes |  |
| Caulking Residue              | No  | ■ <b>EnviRestore</b> Glass Stain Remover   |
| Waterproofing Leaching        | Yes | ■ <b>EnviRestore</b> Metal Stain Remover   |
| Oil                           | No  | ■ <b>Stone Restore HD</b> - mineral stains, efflorescence, rust, red clay  |
| Grease                        | No  | ■ <b>Stone Restore CB2</b> - biological stains   |
| Food Stains                   | Yes | ■ <b>Stone Restore PS</b> - stubborn contamination on polished stone   |

## Protected Surface Maintenance

For ongoing maintenance of the protected surface, we recommend using a mild stone cleaner diluted 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 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.



### Series Info Chart

|                          |           |
|--------------------------|-----------|
| Water Based              | No        |
| Combustible              | Yes       |
| User Friendly            | No        |
| Economically Efficient   | Yes       |
| Environmentally Friendly | No        |
| Color                    | Clear     |
| Smell                    | Petroleum |

### Product Availability

**Leach Stop is available in the following sizes:**

5-Gallon Pail approx. 35 lbs

### 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

### 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. 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. Our website features a 10-year Return on Investment graph comparing Presto's products against competitive options using older technology. More info: [Click Here](#)



### PRESTO RESTORATION PRODUCTS

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