

Technical Data Sheet

SealGreen Polished Concrete Sealer Product Data and Test Information

PRODUCT NAME

SealGreen Polished Concrete Sealer is a water-based water-repellent for most polished concrete.

PRODUCT DESCRIPTION

An odorless, water-based solution developed to effectively treat a wide range of polished concrete, SealGreen Polished Concrete Sealer provides long-lasting protection without altering the natural appearance of the substrate or creating a surface film.

USAGE

SealGreen Polished Concrete Sealer is used as a surface treatment to form a water-repellent surface and reduce the absorption of water, oil, citrus, organic stains, jet fuel, etc. into the substrate. **SealGreen Polished Concrete Sealer** has been developed to help reduce surface staining.

SealGreen products are state-of-the-art protective treatments that have developed a reputation with architects and building professionals as the premier solution for water repellents and sealers. ReUse Concrete Sealing's SealGreen products are dedicated to solving the destructive influence water intrusion and other elements have on building materials.

Benefits of this product are:

- ❖ Non-film forming sealer
- ❖ Reduces water absorption into the substrate
- ❖ Fast chemical reaction for more permanent application
- ❖ Increases useful life of the substrate
- ❖ Colorless and non-yellowing
- ❖ Preserves natural appearance of the substrate
- ❖ Penetrating and breathable
- ❖ Suitable for indoor and outdoor use
- ❖ Effective on horizontal and vertical surfaces
- ❖ Low VOC, Nonflammable

TECHNICAL DATA

Color	clear
Odor	low
Active substance	Potassium Methyl
Carrier	water
pH	12

COVERAGE

Follow recommended coverage rate guidelines: 400 - 450 sq ft/gal depending on polished level

LIMITATIONS

Do not dilute or alter after proper mix of concentrate. Application temperature range: between 35° - 85°F (2° - 49°C). Protect from freezing. May etch glass, aluminum, metal, ceramics & glazed tile. Always protect these surfaces. Not recommended for glazed surfaces.

INSTALLATION

Surface must be clean with no coatings of any kind, dust free, grease free, dry and sound prior to application. Protect people, vehicles, property, plants, windows, painted surfaces, anodized aluminum and all non-masonry surfaces from product, splash, spray, residue, fumes and wind drift.

Make sure all caulking and seals have fully cured before application. Surfaces should be clean and free of dirt, dust, oils and other contaminants. It is recommended to clean with SealGreen Oil Cleaner/ Degreaser to prepare the surface.

ALWAYS TEST each type of surface to ensure desired results. Let test area dry before inspection.

Over application to dense or dark colored surfaces may produce a white film after drying. This indicates that the product was applied too heavily. Retest using higher coverage rates.

Application for Polished Surfaces:

Use a low-pressure sprayer with a fan tip. Apply a light single coat to an area which can be kept wet for 10 to 15 minutes. Depending on the level of polish - 10 minutes for floors polished 1,500 and under and 15 minutes for floors polished at 3,000 levels. Testing is recommended to determine the right time for the sealer to remain wet on the surface and achieve correct penetration. DO NOT allow sealer to dry on the surface in order to have an evenly sealed floor. DO NOT walk on the wet sealer and then on other surfaces.

Remove ALL excess sealer with a squeegee without leaving any puddles or wet streaks. Allow surface to dry totally.

As a final step, it is recommended to buff the floor with a clean dust free microfiber pad or white floor maintainer pad.

Repeat this process throughout the entire area. Allow sealer to dry and test surface with a small drop of water. The surface is sealed if the water bead; if water does not bead, repeat process using a very light amount of sealer. DO NOT OVER APPLY.

Protect the treated surface from rain and pedestrian traffic for 12 hours after application. SealGreen Polished Concrete Sealer gains its full water repellent properties in 12 hours. A light treatment may be required every time the concrete is polished. Testing is recommended before treatment.

CLEANUP

Clean equipment and overspray with soap and warm water.

SEALGREEN POLISHED CONCRETE CHEMICAL RESISTANCE

ASTM D 1308-87 Resistance to various liquids used in the home is an important characteristic of penetrating organic finishes. These test methods provide the means by which the relative performance of coating systems may be evaluated. It should be recognized that continuous films are necessary for reliable results. This test method covers determination of the effect of household chemicals on clear and pigmented organic finishes, resulting in any

objectionable alteration in the surface, such as discoloration, change in gloss, blistering, softening, swelling, loss of adhesion, surface destruction, or special phenomena.

Chemical Resistance: (24-hour spot test)

In all cases where sealer failed it was due to concrete destruction and not sealer failure.

Saturated Sugar Solution, Saturated Salt Solution, Methanol, Butanol, Mineral Spirits, Gasoline, Xylene: No Effect.

10% Ammonia Hydroxide - 10 Minute, 30 Minute and 45 Minute Spot Test: No Effect; at 120 minutes: Loss of Shine starts to occur; after 24 hours: Loss of Shine.

Motor Oil – 10 Minute, 30 Minute, and 45 Minute Spot Test: No Effect; 240 Minute Spot Test: Slight Penetration occurs. After 24 hours: Light Penetration takes place; no damage to shine.

Clorox: Loss of shine after 24 hours.

10% Hydrochloric Acid (Muriatic Acid), 25% Nitric Acid, 10% Sulfuric Acid: All of these chemicals will destroy concrete and sealer upon extended exposure D 1308-87

Precautions: Please refer to the Material Safety Data Sheet for more information.

AVAILABILITY

SealGreen Polished Concrete Sealer is available in concentrate form in quarts, gallons, and fifty-five gallon containers to approved applicators/distributors throughout the United States. Contact ReUse Concrete Sealing Specialists 913-681-3451 for prices and distribution. www.SealGreen.com

TECHNICAL SERVICE

Technical personnel are available to answer questions on product performance, application methods and chemical composition.

DISTRIBUTED BY:

SealGreen - ReUse Concrete Sealing Specialists, LLC.
16072 Foster Street,
Overland Park, KS. USA
913-681-3451 www.sealgreen.com

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