

ProGuard™ Series Stain Shield Technical Data Sheet

AmeriPolish Polished Concrete Dye System

The AmeriPolish solvent-based dye is formulated using extremely fine molecules of color designed to penetrate and color any cementitious surface (All bond barriers must be removed prior to application of dye). AmeriPolish dye was created for use with polished concrete, but can be used as a base color or touch up for concrete that has received integral color, dry shake hardeners, acid stains or even as an overlay to itself. Even after being densified and polished, concrete is porous and densifiers take from 2-6 months to achieve their full repellency; so AmeriPolish created the ProGuard™ Series Stain Shield to provide protection for your dyed and polished floor.

Prior to starting your project, always apply the dye to a sample area at the actual site in order to confirm that the floor is receptive to the dye, and to establish the desired color. **REMEMBER that dyes will not mask or hide imperfections in the floor, and may appear different in areas that have received different pours or patches.**

The addition of the ProGuard™ Series Stain Shield is an integral component of the AmeriPolish System.

1. **Explanation:** ProGuard™ Series Stain Shield is a penetrating stain repellent that was specifically formulated for the protection of polished / dyed concrete from oil and water-based stains. As with any penetrating stain protection, the product is meant to provide you with a “window of opportunity” to clean up spills prior to staining, yet still retain the densified floors’ breathability. Simply applying a minimum of two light film applications of Stain Shield, and you will further enhance your floors color, durability and ease of maintenance. Combine with ProGuard™ Series Conditioning Cleaner for superior results.

2. Benefits:

- Extends the opportunity to clean your dyed and polished floor prior to allowing oil and water spills and soils to permanently penetrate the floor.
- Enhances the colors of the dyes.
- Delivers additional acid resistance when applied and cleaned per manufacturer instructions.
- Provides an easily cleanable floor, especially when used in conjunction with ProGuard™ Series Conditioning Cleaner.
- Water-based, environmentally friendly formulation.

3. **Mixing:** ProGuard™ Series Stain Shield comes ready-to-use in 5 gallon and 55 gallon containers. Agitate just prior to application.

4. **Preparation:** Thoroughly clean the surface the Stain Shield is to be applied to, removing all oil, dirt, laitance and other contaminants. The surface must be clean and totally dry prior to application. Complete all grinding, coloring, densification and polishing before applying.

5. **Application:** ProGuard™ Series Stain Shield provides the best protection when applied in two light “film” coats, and is best applied with a terry cloth applicator. Submerge the applicator in Stain Shield, and then thoroughly ring out excess material. Apply with the Patriot SpraySafe™ System using the #4 Green tip, applying a light mist and spreading evenly with the applicator. Apply enough material to attain 100% coverage, without either dry streaking or puddling. It is extremely important not to over apply. Maintain a “wet edge” during application, and use control joints as “start/stop” if possible. Once the first application is tack free, apply the second one. Once the floor is dry, it may be burnished with a high-speed floor machine and light guerilla or hogs hair pad to enhance the appearance. If additional applications are to be applied, check to make sure that the work surface is tack free before proceeding. Areas that will be exposed to an excessive, on-going amount of spills may benefit from a third application. Stain Shield should be applied in temperatures between 40°F and 90°F (4.5° C to 32.2° C).

6. **Precautions:** ProGuard™ Series Stain Shield is intended for interior use only. Once you have completed the application(s) of the product, it is necessary to allow the floor to completely dry before allowing traffic, generally within an hour. DO NOT allow standing water to sit on the floor within the first 24 hours. Full oil repellency does not occur for 1 week.

7. **Coverage Rates:** On polished concrete floors the ProGuard™ Series Stain Shield will cover approximately 2000 - 2500 square foot per gallon for each application, depending on the porosity of the concrete.

8. **Re-application:** Stain Shield may be easily re-applied at any time. In most situations this will not be necessary, though in extreme environments, or situations where an improper cleaner was used, re-application might be warranted. Simply clean the floor thoroughly, allow the floor to dry completely, and then repeat the original application instructions. It is best to re-apply to a complete section, as within control joint boundaries, ensuring a consistent appearance.

8. **Safety precautions:** KEEP OUT OF REACH OF CHILDREN. Before using or handling, read the Material Safety Data Sheet and Warranty. Always wear a carbon filter respirator, eye protection, and chemical resistant gloves for protection. DO NOT TAKE INTERNALLY. Close container after each use.

9. **Maintenance:** Keep surface clean at all times. Remove dry soils on a daily basis, and wet clean using ProGuard™ Series Conditioning Cleaner in a walk behind scrubber or bucket and mop. Periodic dry buffing of a dry, clean floor will enhance the appearance of your floor.

9. **Warranty:** Stain Shield is manufactured only for use by trained and licensed contractors and installers who have been trained in the proper use of the material. The manufacturer guarantees that the product will be of consistent color and mixture when received. The manufacturer has no control over the use of this product; therefore, no warranty, expressed or implied, is or can be made to either the effects or results of such use. In any case, the sellers and manufacturer’s obligation under this warranty shall be limited to refunding the purchase price or replacing material proven defective. The end user shall be responsible for determining product’s suitability and assumes all risks and liabilities.

10. **Storage:** Store in safe place. Keep containers tightly sealed. Do not allow product to freeze, nor use product if it has been frozen.