

Introducing the

Perma Systems for Concrete

Including...

- Honing & Polishing
- Staining & Polishing
- Metallic Epoxy Coatings
- Mica Embedded Coatings
- Wood Fiber Embedded Coatings



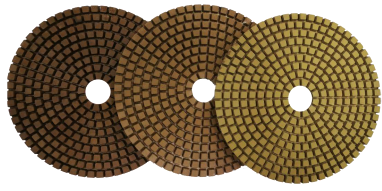
Each program here described is designed to meet all SCOF standards as set by the US ADA (American with Disabilities Act) and the US OSHA.





Honing & Polishing Concrete & Terrazzo

The Products



Resin Bond Disks

Our resin bond disks are designed to deliver a simple and effective means of wet-honing coarse or mildly damaged concrete or terrazzo surfaces. These disks will securely attach themselves to a common white floor pad, and level minor imperfections, remove scratches and begin raising a noticeable gloss on any stone floor. Comes in boxes of 5 of grits #1, #2 and #3.



Diamond Floor Pads

Our diamond-impregnated floor pads pick up where the resin disks leave off. Time and time again, these pads have demonstrated their superior quality when placed against even the biggest and best-known names in the industry. While we stock only 17", 20" and 27", numerous other sizes are available, and grits range from 400# - 3000#. Ask for a quote on your desired program.



Perma All-Seal

Lithium densifiers, by reacting and creating Calcium Silicate Hydrate, may fill the pores of concrete floors, but only loosely. There is no mechanism for affixing the new material. All-Seal solves this problem by filling pores and firmly creating a new substrate matrix.

Perma All-Shine

Concrete, Terrazzo and Marble floors dull when the substrate is sufficiently worn to open new pores, and upbraid the gloss surface.

Perma All-Shine fills open pores as you clean, with nano-silicate particles, blends in scratches, and increases the SCOF, increasing safety by enhancing slip-resistance.



The Process

1. Pre-Cleaning & Etching

In most cases, floors that are going to be polished need only to be cleaned; but in some cases, additional penetration is required, as when staining concrete.

To just remove topical soil, and get a jumpstart on polishing, use **Instant Traction** cleaner. When looking to open up the pores of the substrate, wash with a diluted solution of **Perma Prepare** deep etching concentrate.



2. Resin Restoration

Concrete or Terrazzo floors that are mildly scratched, excessively dull, or have been etched at the start, should be treated to few rounds of honing with our resin disks.

This wet process may be done with either a low-speed buffer or an automatic scrubber, with at least 8 passes being made with each grit. This highly effective and economical method can begin with whichever grit is necessary to get the job done, and may be used with Perma **Instant Traction** in the tank.



3. Apply Perma All-Seal

Wet work may continue through the 400#-800# stages, but either way, once all wet honing and polishing steps are complete, apply 1 extremely thin coat of **Perma All-Seal** with a pump sprayer, microfiber flat mop or both. Some will even use a moss squeegee to work it into the pores. Once sealed, allow this to dry overnight before resuming your polishing efforts.



4. Your Perpetual Program

From here, you will simply equip your automatic scrubber with 1500# (first) pads and fill the tank with a mild solution of **Perma All-Shine**. Once you have cleaned at this level for 7-10 days, move to 3000# and never look back! Your floors should perpetually maintain a gloss, hardness and slip-resistance that will please your staff, management, customers and safety officer!





Metallic Pigment Epoxy Coating System

Our new **Perma Seal CS** (Color System) program offers an almost endless range of possibilities for hard, durable, resilient topical color system for concrete. The pre-cleaning & etching preparations are just as described on the facing page, with most floors needing only to be deep cleaned. Then a base coat of our black **Onyx** or gray **Titanium** is applied to the provide an optional backdrop to the metallic pigments. The dry pigment system is blended into our clear **Perma Seal** water-based epoxy and applied with any number of tools or methods. Choose a single color, or blend as many together to create the palette you desire for your floor space.

Stock Colors



Special Order Colors

Colors shown cannot be an exact representation of how they will appear on your floor. Substrate density, background color and application method will cause variations in appearance.



Perma Seal CS (Color System) **Epoxy** comes packed in two sizes: 4 x 1 gallon pails in a case, and 5 gallon pails. Each container size has a matching catalyst that must be blended into the pail, and the product used within 8 hours.

Perma Seal CS Pigments are sold separately and packed in 1 ounce containers and are stirred into the catalyzed containers of epoxy.

Other Options & Coatings

Oxide Stains

Our Ferrous, Aluminum & Copper Oxide stains are intended for use with our hone and polishing program, using our Perma Prepare Etching Solution as a base, this system penetrating deep chemically reacting with the substrate and permanently coloring the material.



Please Note:

Concrete staining is a chemical reaction that is completely dependent upon the interaction between the acid, oxidizing material, and the mineral composition of your concrete. Colors are by no means guaranteed to appear exactly as here displayed and may require top-coating. These stains are prepared to order.

Mica Flakes

Our thin mil flakes of mica are intended for embedding into a wet coat of Perma Onyx, then coated over with two coats of #22 Perma Seal II, leaving a deep, beautiful reflective finish of brilliant color.

Here are just a few examples:



Wood Flakes

Our thin mil flakes of natural wood are also intended for embedding into a wet coat of Perma Onyx, then coated over with two coats of #22 Perma Seal II, leaving a deep gloss over a natural, warm feel and look.

Here are just a few examples:



Given the volume necessary for even an average floor, all Mica & Wood Flake additives are non-stock & special order.