

U Stain It

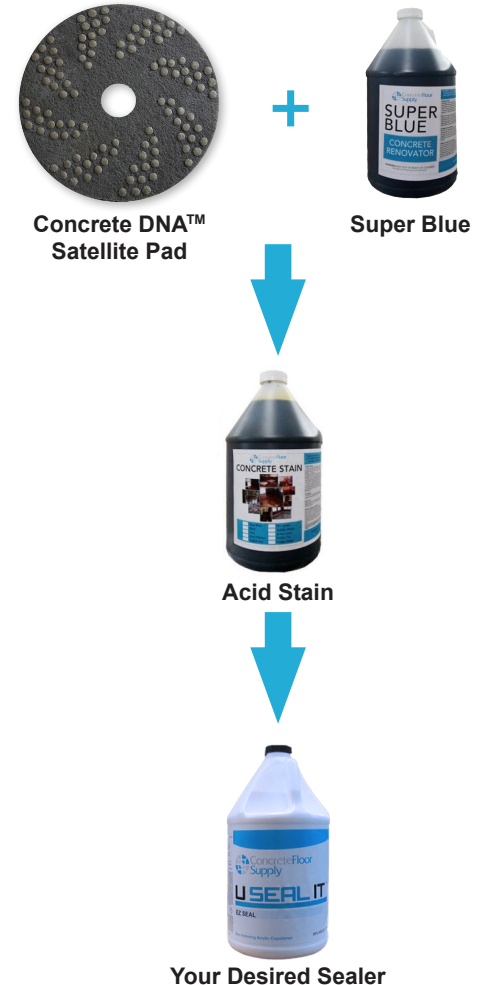
Acid Stain Interior

1 Prep

- Preparing the concrete surface is the most important step in the project. Paints, coatings, glues, and other contaminants that are left on the surface will show after the stain is applied. Prep is key to their removal.
- Prep can be done by utilizing our “DNA Satellite” diamond pads (30 or 50 grit) underneath a small floor buffer. Run these pads fully wet with diluted Super Blue. Squeegee and vacuum up the dirty water before it dries. Using diamond tooling is the preferred for preparing a floor. Diamond tools do two things: they are very effective and for removing contaminants, and it creates a profile for the sealer to better bond. (Note: if there is heavy contaminates on the floor, utilize one of our chemicals below and a black scrub pad on a floor buffer 1st, then use the Satellite pad)
 - i. ConcreteFloorSupply.com specialty cleaners
 1. Snot= to remove glues, paint, sealer, epoxy
 2. Super Blue= to open up the concrete (safe alternative to muriatic acid) This should be considered mandatory if your not using diamond tools to prep. This is a concentrate product. Dilute with water min. of 1:3 for acid stain.
 3. Citra Peel= to remove cures and acrylic sealers
 4. Citra Pro= cleaner/degreaser to use on its own or after the above cleaners
 - a. It is suggested to use the cleaners with a low speed floor buffer and a black cleaning pad. Your goal is to clean all contaminates off of the floor and to give the floor a “chalkboard” (matte) appearance after it is prepped and dried.
- Clean the floor with the above chosen cleaners and pads and allow the surface to dry. Remember prep work generally requires some trial and error when there are previous coatings, sealers, glues, etc. Feel free to reach out to us about this.
 - i. Note: Tape and mask off any areas you want to protect from stain overspray.

2 Staining

- Acid stain can be applied in many different ways. The important thing to remember is to apply it the same manner throughout the floor surface. i.e. don't start by spraying it on the floor and spreading it with a broom to spraying it on the floor to spreading it with a mop. You will get a different look when you change application methods ‘mid-stream’. Note: Before staining your floor we encourage you to do a test/sample area somewhere inconspicuous i.e. a closet or an area that will be covered in carpet etc. We do have sample kits with all of our stains available for purchase as well as individual color samples.
- We recommend putting the stain in a one-gallon pump sprayer (a cheap one will work fine, but using one resistant to acids is best). Make sure to test that the pattern is going to be what you want before you start spraying stain on your floor. Spray into a bucket or test spray a closet or inconspicuous area before doing your floor ALWAYS TEST.
- Spray the stain onto the floor in a manner that covers the concrete 100%. Keep the same spray movements throughout the job. If desired the stain can be sprayed on the floor and spread around with a broom, mop, etc. creating decorative effects.
- Allow the stain to dry and put on another coat of stain if desired. Two colors can also be sprayed down at the same time. The possibilities of application and effects are unlimited. It's best to test your method first. Note: Your next coat of acid stain may not react as much as the initial coat of stain. If you are wanting to add another color, it would be suggested that your second coat of stain be a darker color.



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- After the stain has dried and is done reacting with the floor (typically 2 to 8 hours depending on conditions) the floor should be rinsed with water or wet mopped to get any residue left behind by the acid stain.
 - i. Note: acid stained concrete looks slightly chalky after it has dried. This chalky 'residue' needs cleaned from the surface prior to sealing.

3. Sealing

- Allow the floor to dry overnight before applying Sealers (water based), or allow the floor to dry 24 hours if applying Poly 90 (solvent based). ALWAYS TEST AN AREA
 - i. Note: if there are areas of the floor that didn't react as well or the color is slightly different than desired our Instant Gratification dyes or water based stain is a great product to do a light coat on the floor to correct these issues.
- Seal with two coats of Concrete Floor Supply sealer
 - i. EZ Seal, EZ Seal +E, or Enviorseal (water based single component, easy to apply, glossy)
 - ii. EZ Seal, EZ Seal +E, Enviroseal (water based single component, super easy to apply, glossy)
 - iii. WB Urethane Matte, or Gloss (2 component matte finish urethane, very durable and shows wear and tear the least of all sealers)
 - iv. Poly 90 (2 component polyaspartic polyurea that provides a glossy, thick look. Very chemical resistant. Great work time). Low VOC

4. Protecting (optional, but suggested with single component sealer applications)

- After sealer has dried for 48 hours apply EZ Glo floor polish
 - One gallon typically covers over 1k sq feet and offers great scuff protection for pennies a sqft
 - Spray on the floor and microfiber to apply