



GENERAL PRODUCT INFORMATION

Fabcrete Concrete Designs offers a variety of concrete acid stains and concrete sealers designed especially for the "Do-It-Yourself" type individuals. We currently offer nineteen different colors and two types of sealers. Please see the color chart for our selection of colors. No special tools are required to perform these projects, other than a garden sprayer with all plastic parts in the spraying apparatus. Hudson™ manufactures a sprayer of this type. Most Home Depot™ and Lowe's™ store locations supply the sprayers. If you have questions about the Hudson™ line of sprayers, please refer to their website at www.hdHUDSON.com, or feel free to contact us. All other tools and equipment can be obtained at most hardware or discount stores. See the application directions for the sealer, stain and scoring processes for specific tool and equipment requirements.

ESTIMATING MATERIALS

1. Calculate the total square footage of the area to be stained and sealed. To do this, multiply the length by the width. Don't forget to add any small areas such as hallways, sidewalks, etc.
2. Calculate the amount of stain. Divide the total square footage by 150 sf/gal. Round the number up to the nearest whole number. The rounded number will be the number of gallons of stain required for your project and will be enough for a two-coat application.
3. The amount of sealer needed for your project will equal the amount of stain that was calculated in Step No. 2 and will also be enough for a two-coat application.

MATERIAL PRICING

Acid Stain per gallon - \$50.00 each plus shipping

Acid Stain per 5 gallon - \$200.00 each plus shipping

Acid Stain sample bottles (4 oz.) - \$2.00 each plus shipping

Fab-Seal per gallon - \$35.00 each plus shipping

Fab-Seal per 5 gallon - \$135.00 each plus shipping

Fab-Seal H₂O per gallon - \$35.00 each plus shipping

Fab-Seal H₂O per 5 gallon - \$135.00 each plus shipping

Please note: Prices are effective as of March 23, 2006 and are subject to change at any time. These items are considered "hazardous materials" by our shipping agents. They may only be shipped via ground. Please allow 3 - 7 business days for all orders.

FREQUENTLY ASKED QUESTIONS

- **Question:** Can an average "do-it-yourselfer" do this work themselves? **Answer:** Yes, you can. These products were designed with the "do-it-yourselfer" in mind.
- **Question:** How durable is the sealed finish? **Answer:** The durability of the sealed finish depends on the following conditions: weather and temperature conditions, amount of traffic and the quality and amount of periodic maintenance. On average and depending on the mentioned conditions, sealed surfaces can last for several years before a reapplication of sealer is needed. Fading of the stained color is a good indicator that the floor needs to be resealed.
- **Question:** Is it safe for pets to walk on the finish? **Answer:** Yes, it is safe for pets to walk on the surface, but only after the final coat of sealer has been allowed to cure for at least one week.
- **Question:** Will the sealed surface be slick when wet? **Answer:** Yes, the sealed surface may become slick when wet. Shark's Grip™ can be added to the final coat of sealer to produce a more "skid-resistant" surface. Please see the "SEALER APPLICATION GUIDE" for application directions for the Shark's Grip™ product.

WARRANTY INFORMATION

In using these products, please understand that due to the variations in composition of concrete mixtures across the country, concrete finishing techniques and our inability to physically be able to control the method of use and application of our products, Fabcrete does not offer any guarantees nor warranties concerning the outcome of using these acid staining products.

CONTACT INFORMATION

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ACID STAIN APPLICATION GUIDE

Fabcrete concrete acid stains create a chemical reaction with the limes in cement products to form rich and varied surface tones that are reminiscent of fine marble or aged leather. The variegations in tone directly depend on the composition of the concrete mix and the finish and condition of the surface, as well as the application methods used in applying the acid stain. Newly poured concrete should be allowed to cure for **28 days** prior to staining and sealing. **In using these products, please understand that due to the variations in composition of concrete mixtures across the country, concrete finishing techniques and our inability to physically be able to control the method of use and application of our products, Fabcrete does not offer any guarantees nor warranties concerning the outcome of using these acid staining products.**

!!!! CAUTION !!!!

- **APPLY FABCRETE ACID STAIN IN A WELL-VENTILATED SPACE.** Open windows, doors and place a fan in the work area to assist in ventilating the work area. Respirators should be worn during application process.
- **WEAR PROTECTIVE CLOTHING, EYEWEAR AND RUBBER GLOVES.**
- **CALL PHYSICIAN IF STAIN IS INGESTED OR CONTACTS EYES.**

REQUIRED EQUIPMENT

1. Fabcrete Acid Stain – quantity based on your area at a coverage rate of 150 square feet per gallon (2 coats)
2. Ventilation equipment (fan) and protective clothing – see above
3. Cleaning equipment – mop, bucket, ½ pound baking soda, Dawn™ detergent or another acid-free degreaser
4. Cardboard and plastic sheeting – preferably the type that is purchased with adhesive tape attached
5. Cotton socks – one thick pair or two thin pairs
6. Plastic pump-up garden sprayer with all plastic parts in spraying apparatus (Hudson brand)

PREPARATION FOR STAINING

- **DO NOT ACID ETCH THE CONCRETE SURFACE OR USE ACID-BASED CLEANERS OF ANY KIND DURING THE CLEANING PROCESS.** Using these products will not allow the acid stain to properly penetrate into the concrete resulting in lighter than “normal” colors. Remember, the variegations in tone depend on the composition of the concrete mix and the finish and condition of the surface, as well as the application methods used in applying the acid stain.
- The concrete surface must be clean of all sealers, greases, paints, adhesives and all other contaminants that can prevent the acid stain from etching into the concrete. Clean the concrete surface with TSP (tri-sodium phosphate), or another degreasing detergent such as Dawn™ dishwashing liquid, by thoroughly washing and scrubbing the surface. This will help remove any stains or dirt that may be present. Glues or adhesives that may be on the concrete surface due to previously present flooring such as tile or carpet must also be removed. Remove as much of the glue or adhesive as possible by scraping with a razor knife. Any hardened glues or adhesives can be softened using paint thinner. The surface of the concrete may also need to be lightly sanded with a floor sander or hand sander to open the pours of the concrete to allow for better stain penetration. **Do not wear shoes on the floor after it has been cleaned or stained. Oils in shoe soles will transfer to the concrete surface leaving shoe prints. Use proper precaution to avoid acid stain from allowing to contact the feet and other areas of the skin.**

STAINING PROCEDURES

1. Ventilate the room and dress in the proper attire as outlined above. Protect any exposed walls, walkways, etc. with plastic sheeting. The cardboard will be used as a shield in front of the sheeting when spraying the perimeter walls.
2. Shake the stain well and pour it into the plastic pump-up garden sprayer. Set the sprayer so that it sprays in a fine mist. (It is a good idea to test and practice using the sprayer with water on a different surface prior to stain application) Starting in a far corner of the staining area, remembering to wear socks, spray the stain (just enough to wet the concrete surface) in circular motions while walking yourself out of the room. Let the area dry for 24 hours. In time, you will notice a residue that will form on the concrete. Do not be alarmed by the residue. It is due to the chemical reaction that takes place between the acid stain and the limes in the concrete and may be present in various colors.
3. After allowing the first coat of stain to dry for 24 hours, wet a small area of the concrete with clean water. Wetting the concrete will simulate sealer being applied to the floor and will bring out the color of the stain. If the color tone that is present is sufficient, proceed to Step No. 4. If a darker tone is desired, proceed in applying another coat of stain in the same process in which the first coat was applied. **Remember to not allow anyone to walk on the floor with shoes after the stain has been applied. Also, be sure that you are satisfied with the color tone that has been achieved. Once the floor is sealed, the color of the floor is permanent and it cannot be changed.**
4. After the desired color tone has been achieved, use a cotton or rayon mop to mop a solution consisting of a ½ pound of baking soda mixed in 5 gallons of clean water onto the stained area. **DO NOT SCRUB THE STAINED AREA.** This solution will neutralize the acid and will help to remove some of the residue that formed during the chemical reaction that has taken place. The solution will not remove all of the residue. Mop over the area with the solution one time. Then, mop the area twice more with clean water. Remove the sheeting and allow the floor to dry for a period of 24 hours prior to proceeding to the sealing process.



SEALER APPLICATION GUIDE

Concrete sealer is used to bring out the true color of acid-stained concrete and to provide a layer of protection against stains and dirt. Our Fab-Seal is a very long lasting, durable finish that dries to a high-gloss finish. It is non-yellowing, acrylic-based sealer that penetrates deeply. Due to environmental regulations, we cannot ship Fab-Seal to California. We can, however, ship our Fab-Seal H₂O to California. **In using these products, please understand that due to the variations in the finish of concrete surfaces and our inability to physically be able to control it's use and application, Fabcrete does not offer any guarantees nor warranties concerning the outcome of using these concrete sealing products.**

!!!! CAUTION !!!!

- **FAB-SEAL IS HIGHLY FLAMMABLE!!! DO NOT APPLY SEALERS NEAR OPEN-FLAMES OR OTHER SOURCES OF HEAT. TURN OFF THE PILOT LIGHT AND GAS ON ALL GAS-OPERATED APPLIANCES.**
- **APPLY FAB-SEAL IN A WELL-VENTILATED SPACE.** Open windows and doors and place a fan in the work area to assist in ventilating the work area. Respirators should be worn during the application process.
- **WEAR PROTECTIVE CLOTHING, EYEWEAR AND RUBBER GLOVES.**
- **CALL A PHYSICIAN IF SEALER IS INGESTED OR CONTACTS EYES.**
- **KEEP PETS AND CHILDREN AWAY FROM THE SEALING AREA AT ALL TIMES.**
- **SEALED CONCRETE SURFACES MAY BE SLICK WHEN WET WITH WATER OR OTHER LIQUIDS.**

REQUIRED EQUIPMENT

1. Fab-Seal or Fab-Seal H₂O Sealer - quantity based on your area at a coverage rate of 150 square feet per gallon (2 coats)
2. Applicators (1 for each coat) – either ¼” knap roller, car wash brush or wax applicator pad (lamb’s wool)
3. Paintbrush
4. Paint rolling pan
5. Xylene or Mineral Spirits
6. Cotton socks – one thick pair or two thin pairs

SEALING PROCEDURES

1. **Ventilate the room and dress in the proper attire as outlined above. Turn off the pilot light and gas to all gas-operated appliances. Do not wear shoes on the floor after the staining and cleaning process, nor during the sealing process. Oils in shoe soles will transfer to the concrete surface leaving shoe prints.**
2. Pour the sealer into a paint rolling pan and, remembering to wear the socks, begin applying the sealer in a light coat with the chosen applicator in a far corner of the sealing area, working your way out of the area. Apply the sealer using the paintbrush near baseboards or other objects around the perimeter of the sealing area. **DO NOT OVER-SATURATE THE APPLICATOR AS BUBBLES MAY FORM!** Proceed with this step until the entire concrete surface has been sealed. Dispose of the applicator when finished sealing, as a new one will be required for the next sealer application. **Please note that the majority of the first coat of sealer will soak into the concrete and will not have as much gloss as the final coat.**
3. Clean paint pan and any other item that came in contact with the sealer with Xylene or Mineral Spirits.
4. Allow the sealer to dry for a period of at least 24 hours to allow the tackiness to dry. Tackiness may be present for several days due to weather and humidity conditions. Do not allow pets or individuals to walk on the floor.
5. Apply the second coat of sealer using a new applicator as described in Step No. 3. For a final textured finish (not required), see “SHARK’S GRIP™ APPLICATION” below.
6. If a third coat is desired, again, follow the directions as stated above.

SHARK’S GRIP™ APPLICATION

Shark’s Grip™, a powdered texture additive, can be added to the final coat of sealer to add a textured, “non-skid” finish to sealed surfaces. One-fifth (1/5) of a large container of the Shark’s Grip™ additive should be slowly mixed with one single gallon of sealer. Stir the sealer thoroughly. **DO NOT ADD THE ENTIRE AMOUNT OF PRODUCT TO A FIVE-GALLON CONTAINER OF SEALER, AS THE PRODUCT WILL CLUMP TOGETHER.** Apply the sealer with the additive as described above in Step No. 2.

PRESERVATION OF SURFACE AND MAINTENANCE

We recommend waiting a period of at least 1-week prior to placing furniture or other items on the sealed surface. Avoid dragging furniture on sealed surfaces. Felt tips should be placed on furniture legs and bottoms to reduce scarring of the newly sealed floor. Keep the surface free of dirt and other debris at all times. Clean the surface by mopping with soap and water as often as needed, being sure to rinse and dry the surface thoroughly. Commercial waxes can be applied to the surface to assist in the maintenance, keeping in mind that only water-based waxes should be used with Fab-Seal H₂O. Apply the wax per the manufacturer’s instructions.



CONCRETE SCORING GUIDE

The lines that are seen on some of the pictures on the www.fabcrete.com website are produced by scoring, or cutting, the surface of the concrete. There are an endless variety of patterns that can be made by scoring the concrete. The concrete can be scored either prior to staining and sealing or after staining and sealing. If the scoring is performed prior to staining and sealing of the concrete, the score lines will be stained with the rest of the floor. Grout can be added to give the illusion of tile. The advantage to scoring after staining and sealing is that the score marks will reveal the true color of the original concrete and will create the illusion of grout lines, without the need for an application of grout, although the scored lines will trap dirt and other debris. Both methods and the required equipment to perform this work are outlined below:

REQUIRED EQUIPMENT

1. 2" x 4" or other straight-edged object
2. 4" Makita™ circular saw – Model No. 4200 NH
3. 4" x ¼" diamond-tipped concrete blade
4. Chalk box (chalk line) with blue or another color of chalk – **DO NOT USE RED CHALK**
5. Cleaning supplies – mop, bucket, soap and water

SCORING PRIOR TO STAINING

1. After you have decided on the pattern that you wish to score into the floor, mark the design onto the floor using a chalk box (chalk line), being careful to only make cutting lines where actual cuts will be located. As noted above, **DO NOT USE RED CHALK**, as it is a permanent color and cannot be removed from the floor.
2. Using the 2" x 4" or other straight-edged object, cut the lines with the circular saw, making sure to cut straight lines.
3. After the cutting is complete, remove the concrete dust by cleaning the concrete surface with soap and water. Allow the surface to dry completely.
4. Apply the stain as recommended in the "ACID STAIN APPLICATION GUIDE" and the sealer as recommended in the "SEALER APPLICATION GUIDE".

SCORING AFTER STAINING

1. Apply the stain as recommended in the "ACID STAIN APPLICATION GUIDE".
2. Apply one coat of sealer as recommended in the "SEALER APPLICATION GUIDE".
3. Mark your pattern as directed in Step No. 1 above.
4. Cut your pattern as directed in Step No. 2 above.
5. Clean your floor as listed in Step No. 3 above.
6. Apply another coat of sealer as recommended in the "SEALER APPLICATION GUIDE".