



ACID STAIN

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PRODUCT DESCRIPTION

DCS Acid Stains react with the concrete surface to deeply penetrate and bond with the concrete for a permanent deep bonded stain that can be used to color old and new concrete that has cured for a minimum of 28 days. Acid stains produce a rich variegated finish that will not peel, crack, chip or fade. They provide a custom look ideal for residential, commercial or municipal applications, including masonry surfaces, basement floors, garage floors, driveways, entryways, masonry walls, patios, showrooms, etc. All of these stains are UV stable and will not fade or change color in direct sunlight, making them ideal for interior or exterior use. NOTE: Due to variations in concrete composition, age, surface conditions, surface preparation and application techniques, exact color will vary from project to project.

SAFETY PRECAUTIONS

- **CAUTION** – Contains Hydrochloric Acid and soluble salts of heavy metals. Avoid contact with skin or eyes. Avoid breathing vapors. Do not drink. After handling or exposure, wash thoroughly. Use only with adequate ventilation.
- **KEEP AWAY FROM CHILDREN.**
- **External Antidote** – Flood with water, then water containing baking soda.
- **Internal Antidote** – Give water, milk, milk of magnesia or egg whites beaten in water. Do not induce vomiting. Call Physician immediately.

IMPORTANT NOTICE:

These products are sold subject only to the expressed warranties contained herein. Additional warranties, expressed or implied, and any warranty of merchantability is hereby excluded. Buyer agrees that seller assumes no liability for consequential damages of any kind, which result from the use or misuse of the merchandise sold hereunder. In the event that the buyer proves that any goods received do not conform to the specifications agreed to between the parties or if the buyer proves that such good were defectively manufactured, the buyer's remedies shall be limited to either the return of the good and repayment of the purchase price or replacement of the nonconforming good at the option of the seller. Such remedy being exclusive of all others and the sole remedy available to the buyer, hereby expressly waives any claim to additional damages.

APPLICATION

- 1) **Never** use acid to clean a concrete surface before acid-staining. This will remove the reactive salts in the surface and will not allow the acid-stain to work properly.
- 2) Concrete surface must be *at least 28-days old* and free of all foreign matter. Use our **Concrete Degrease and Cleaner** to remove most stains. Strip paint, sealers, mastic and glues with **a soybean based stripper. Use a soy wash or degreaser to remove stripper.** Follow directions on product labels. Take care not to grind any cleaner into concrete surface pores. This could have an adverse affect on both stain and sealer effectiveness. (*If using Bean-e-doo, do NOT use a black pad!)
- 3) After surface has been thoroughly cleaned, wait until all moisture has evaporated before applying stain. Follow directions on stain bottles. Stain must be diluted 1:1 with water – 1 part water to 1 part Acid Stain. More water can be added to the stain to lighten color. Pour stain into your pump-up sprayer and after pressuring unit apply with a fan tip in a circular motion. You may apply extra stain in some areas as desired, being careful not to allow puddles. Allow stain to remain on surface for six to eight hours to assure proper dry time. Remove residue with clean water. *You may have to rinse floor several times if there is excess residue. *Take a close look at floor while it is still wet from last rinse to get a gauge on what final appearance will be. Application of sealer will darken final appearance.*
- 4) **Wait a minimum of twenty-four hours after residue removal to apply sealer.** There can be NO moisture in concrete when sealing. ***SOLVENT BASED SEALERS AND POLYURETHANES ARE HIGHLY FLAMMABLE. EXTENUISH ALL PILOT LIGHTS AND OTHER OPEN FLAMES BEFORE APPLICATION. AREA SHOULD ALSO BE WELL VENTILATED. USE OF SOME TYPE OF RESIRATOR SHOULD BE USED IF VENTLATION IS NOT POSSIBLE.**
- 5) For **EXTERIOR** applications in need of **UVR** protection enhanced sealer, we suggest our **DCS 20% UVR Clear Seal.** If surface is subject to getting wet, we recommend addition of our Skid-Resistant Additive in second coat application. (*1.5 cups of Skid-Resistant Additive per gallon of sealer, only used in 2nd coat) Additive is mixed into sealer and can be sprayer through a pump-up sprayer using the yellow tip. Use of the Skid-Resistant Additive is not recommended on interior applications – is much more difficult to mop. For **INTERIOR applications** start with our **DCS 20% Clear Seal** to insure proper adhesion to concrete surface. Spray in a side to side motion, covering entire surface with a light coat. Do not allow sealer to puddle. After first coat of sealer has dried to touch, usually four to six hours, apply a second coat of **DCS 20% Clear Seal.** It is recommended on *interior* surfaces to apply **DCS High Gloss Wax** 7 days after sealing to protect the sealed surface. This is easily applied with a hardwood floor mop and dries in about thirty minutes.
- 6) Polyurethane products, such as our **Arizona Polymer** products can also be used (2-part kits). The **P250** as the first coat and the **P100** as the second coat. Ask your product specialist for proper application techniques. For most homeowners two to three coats of 20% sealer is adequate. Allow 24 hours before allowing foot traffic on surface. Allow 48 hours before replacing furniture or other heavy objects on surface. Surface is not scratch-proof, so take precautions not to slide objects across surface.