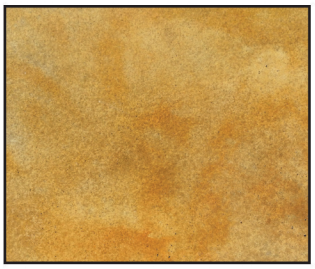
Professional Grade

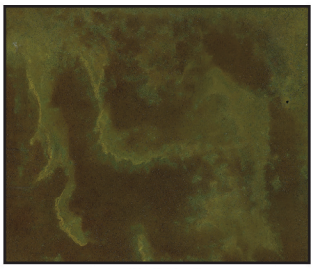
ACID STAIN

for Concrete

ACID STAINS create beautiful varied colors on cured concrete by reacting with the cement in the concrete surface. No two floors will look alike. The mottled and varied appearance of acid stained floors is common and also one of the big reasons the process has so much appeal. Sample stain for acceptability on actual floor before proceeding.

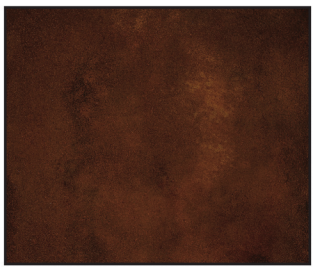


WHEAT

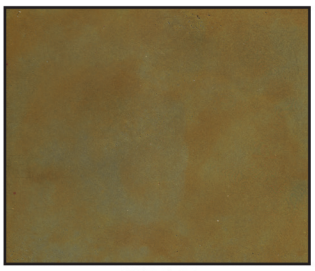


PATINA*

KODIAK

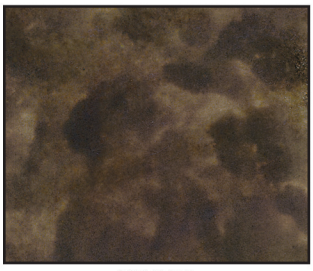


RUSTIC

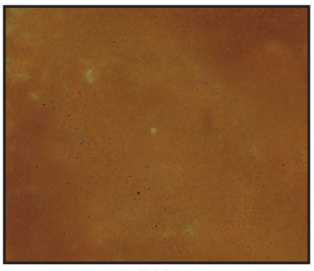


AMBER

ONYX

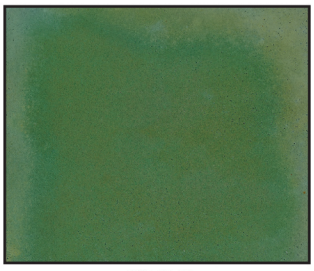


COCOA



BRONZE

TAUPE



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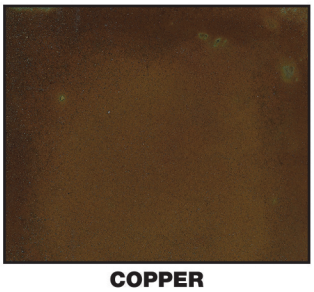
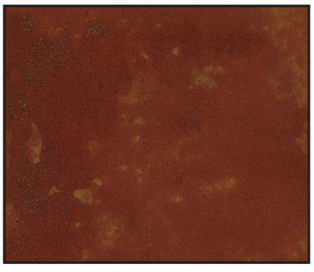
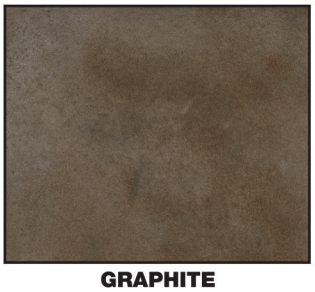


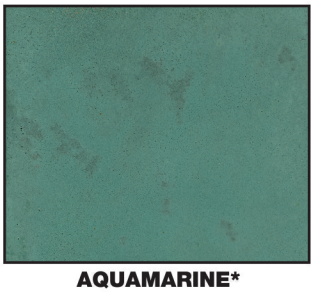
COPPER



GARNET



GRAPHITE



AQUAMARINE*

* Interior use only

★ ALL TYPES OF CONCRETE SURFACES ★

ACID STAIN

TOOLS & MATERIALS REQUIRED

★ Acid resistant drip-less pump-up sprayer with conical tip
★ If masking: masking tape and wax-backed construction paper
★ Synthetic-bristle brush
★ Clean water for dilution and cleaning equipment
★ Clemons **ETCH & CLEAN**
★ Clemons **CLEANER DEGREASER NEUTRALIZER**
★ Sealer: **SUPREME SEAL** for exterior concrete. For interior concrete floors, use Clemons **SUPER POLY**, **WB-40 EPOXY** or **SUPER SEAL A-COAT.** Finish S**UPER SEAL A-COAT** with **SUPER WAX POLISH**.
★ Eye protection, rubber gloves, and respirator.

TEST BEFORE PROCEEDING

Test an inconspicuous area to be sure that acid stain reacts with concrete and color meets expectation before proceeding. Test for water seep by taping plastic on one square foot of floor. Remove plastic the following day. If floor is wet, you should not stain and seal floor. If concrete is dusty, do not proceed until densified.

SURFACE PREPARATION

The most important step to a project is preparation of the surface. The concrete should be at least four weeks old, free from all debris, and clean. Dusty concrete surfaces are not suitable for coating application. DO NOT USE MURIATIC ACID TO CLEAN as you will destroy the important minerals necessary to produce the color range selected. Strip and remove all previous sealers, paints, adhesives, and coatings. For oil spots use Clemons **CLEANER DEGREASER NEUTRALIZER** (diluted 4 to 1) and rinse well. Use Clemons **ETCH & CLEAN** (diluted 4 to 1) to prepare concrete for acid staining. Follow with Clemons **CLEANER DEGREASER NEUTRALIZER** and rinse well with water. Concrete must be porous enough to accept water. Dense concrete surfaces may require mechanical preparation to accept acid stain. All repairs should be completed prior to starting the application of stain; coatings of any kind must be removed prior to staining. Mask for overspray with masking tape and water resistant construction paper. Apply duct tape over masking tape to prevent bleeding.

APPLICATION

An acid resistant sprayer should be used. Tape off walls or other areas to avoid overspray. Dampen concrete with water but do not puddle. Spray in an overlapping manner, maintaining a wet edge. Allow **ACID STAIN** to react for at least 6 hours. Clean residue and pour water on floor to approximate the final color. If darker color is desired, apply second coat. Concrete must be fully neutralized. Clean residue from floor with Clemons **CLEANER DEGREASER NEUTRALIZER** using an acid brush. Repeat. Rinse with clean water and mop up excess water. A Wet-Vac may be used. Rinse with clean water until rinse water is free of color and you wipe floor without picking up color. Concrete must be completely free of residue. Expect to rinse with clean water several times. Once dry, test the readiness of the concrete by wiping floor with a white cloth. If it shows residue rinse and dry again. Repeat until no residue remains.

ACID STAIN HOW TO VIDEO please visit www.ccc-usa.com

COVERAGE RATE

Coverage is dependent on the age, porosity, weather, and composition of the concrete. A definite coverage rate cannot be determined because every scenario is different. However, as a general rule, 200-400 square feet per gallon should be average if undiluted. If diluted 1:1, coverage will yield 400-800 square feet per gallon but final colors will vary from color chart.

SEALING

Allow concrete 24 hours to dry. Clear sealer is required to enhance the depth of color and should be tested before application. On exterior floors, seal with Clemons **SUPREME SEAL-25**, a non-yellowing solvent based sealer. For interior floors, two-component **SUPER POLY** or **WB-40 EPOXY** is recommended. Alternatively, **SUPER SEAL A-COAT** and two coats of Clemons **SUPER WAX POLISH** can be applied over stained interior floors for additional protection and enhancement. Use of **SUPER WAX POLISH** will diminish slipping and scuffing. **SUPER WAX POLISH** may be applied with a lamb's wool applicator or microfiber pad. As a maintenance routine, clean with water only and use **SUPER WAX POLISH** to prevent the need to re-apply sealer.

TECHNICAL DATA

VOC:	<0g/L
Flash Point:	N/A

HMIS/NFPA

Health	1	Flammability	0
Reactivity	1	Protection	G

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