

# Acid Stains

Concentrate Chemical Stains for Concrete



## PRODUCT INFORMATION

### DESCRIPTION

KOVER KRETE™ ACID STAINS are premium, attractively priced, stains that form a chemical reaction with the minerals in the surface of concrete to form oxides of rich, varying hues and tones. Unlike concrete stains, paints or other pigmented coatings, the solution may not appear like the resulting color produced after the chemical reaction. For instance, the brown stains appear greenish when first applied to concrete, but results in warm, marbled colors, reminiscent of aged leather or fine imported stone. Because the surface of the concrete is not uniform, the reaction is verigated, resulting in colors and tones that are random and varied. For greatest results, apply KOVER KRETE™ ACID STAINS to clean, un-etched, unpainted, unsealed concrete. The concrete should be fully cured for 28 days, and a minimum of 14 days. Finish the surface with either KLEAR GARD™ WB or SB for a deep, long lasting patina.

### WHERE TO USE ACID STAINS

Ideal for decorative concrete, including: flatwork, stamped and textured concrete. Equally suited for residential interior and exterior spaces and commercial applications including restaurants, retail, hospitality, shopping malls, theaters, theme parks, building entries, patios, sidewalks or other surfaces that can be enhanced with the rich, durable tones of KOVER KRETE™ ACID STAINS.

### COLORS

KOVER KRETE™ ACID STAINS are available in 12 standard colors.

### PACKAGING

1 gallon DOT approved plastic containers

### METHOD OF APPLICATION

Read the KOVER KRETE™ ACID STAINS Application Guide for use of this product. KOVER KRETE™ ACID STAINS are dependent upon the surface to be colored and the method of application. FIELD TEST PRIOR TO APPLICATION.

### LIMITED WARRANTY NOTICE

KOVER KRETE™ ACID STAIN is a random coloring technique dependent on the composition of the concrete. WE MAKE NO GUARANTEE FOR THE RESULTS OF THIS PRODUCT. All recommendations, statements and technical data

contained herein are based on tests that we believe to be true and accurate. The reliability of these tests are not guaranteed and are not construed as a warranty. We recommend that the user rely on his own information and conduct field tests for best results. Contract Packaging Inc. products are designed to be used in the construction industry and should be applied by competent persons in accordance with current published instructions. We cannot be held responsible for difficulty caused by other materials and conditions, or by inferior workmanship. Seller reserves the right to have the true cause of any difficulty determined by accepted test methods by an independent party. Any claim regarding product defect must be received in writing (1) year from day of shipment. No claim will be considered without such written notice or after the specified time interval.

### DISCLAIMER OF WARRANTIES AND LIMITATIONS OF LIABILITY

Contract Packaging Inc. (Seller) warrants that if any goods supplied prove defective in workmanship or material that Seller shall replace them or refund their purchase price. This warranty is made in lieu of any and all other warranties, expressed or implied. Including the warranties of merchantability and/or fitness, which are hereby disclaimed. It is understood and agreed that buyer's sole remedy, and therefore Seller's liability, whether in contract, tort, under any warranty, in negligence, or otherwise shall be limited to the return of the purchase price paid by purchaser or replacement of any defective goods sold by Seller and under no circumstances shall Seller be liable for special, indirect or consequential damages. The price stated for the goods is a consideration in limiting Seller's liability. Any liability or risk resulting from the use of this product is assumed by the purchaser/user except where a specific warranty is provided by the manufacturer in writing. Before application, the purchaser/user shall determine the suitability of the product for his intended use and purchaser/user assumes all liabilities and risk, whatsoever in connection therewith. The terms of this warranty notice may not be orally modified. Any substitutions will void warranty.

### TECHNICAL DATA

- Form: Translucent / Opaque Liquid (H) Hydrochloric or (P) Phosphoric Acid.
- U.N. Hazard Class: 8 - Corrosive
- U.N. Ship # (H) UN1789 (P) UN1085
- HMIS Code: 3, Hazard rating: Serious
- Flammability: 0, Hazard rating: Minimal
- Stability: Stable
- Specific Gravity: 1.30
- Colors: 12 Standard Colors

Manufactured by

**CONTRACT PACKAGING INC.**

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## APPLICATION GUIDE

### !!!CAUTION - ACID!!!

- ✓ ALWAYS POUR ACID INTO WATER!
- ✓ NEVER POUR WATER INTO ACID!
- ✓ APPLY STAIN IN A WELL VENTILATED SPACE
- ✓ WEAR PROTECTIVE CLOTHING, EYE-WEAR AND RUBBER GLOVES
- ✓ CALL PHYSICIAN IF SWALLOWED OR IN CONTACT WITH EYES
- ✓ KEEP A SOLUTION OF 1 LB BAKING SODA in 5 GALLONS WATER CLOSE TO JOB, IN CASE OF PERSONAL CONTACT WITH THE ACID TO NEUTRALIZE ACID

### PREPARATION FOR STAINING

1. Clean and degrease first by using Kover Krete Citra-Klean SB, followed by an aggressive pressure washing off of entire area using a 3000-3500 psi (4-10 GPM) pressure washer. DO NOT ACID-ETCH THE SURFACE!!!
2. All application tools and vessels must be composed of 100% plastic.
3. KOVER KRETE™ CHEMICAL STAIN can be diluted with up to an equal quantity of clean, potable water.
4. Test stain in an inconspicuous place, allowing 4 hours to cure. Wet the area to see if color has been achieved. A second application is normally necessary for best results, and to even out variations of tones.
5. Check for bubbling action to ensure reaction. If not, surface may be contaminated and stain will not take unless the problem is removed. A second application may be required to achieve best results.
6. Visually survey the space to determine the pattern of application, based on traffic patterns and how the surface will be viewed. Try to avoid dry laps where wet stain will overlap already dried stain. Dry laps will cause visible lines and must be minimized or if unavoidable, planned for non-visible places.

### Coverage

KOVER KRETE™ CHEMICAL STAIN can be diluted up to 50%-50% with water for coverage of 200-300 sq. ft. per gallon of concentrate.

### APPLICATION OF STAIN

1. Apply stain with an ALL PLASTIC sprayer, roller, mop or plastic bristle brush. TEST any materials with the stain to be sure it does not react to the acid. A circular or dabbing application by the brush will give a more varied finish than a more even application such as a sprayer. Be sure that the stain does NOT come in contact with materials not to be stained.
2. Allow stain to dry and after 4 hours, re-apply if needed, allowing the stain to cure overnight.
3. Do NOT wash the surface between coats.
4. Vigorously sweep off the residue, properly disposing as it may still contain acid compounds.
5. Neutralize the surface with ½ cup ammonia in 1 gallon of water.
6. Thoroughly flood the surface with water and wet-vac the surface, repeating until completely clean of any stain residue.
7. When wet, the surface will appear close to the finished product.

### PROTECTING THE FINISH

1. Barricade or protect the surface until it is completely dry. Fans may facilitate quicker drying.
2. Apply two coats of KLEAR GARD™ WB or SB, using published guidelines.
3. To protect and give a renewable surface and also a "wet look", once sealers are cured apply either Mirror or Brilliant Finish, using published guidelines.
4. Prevent traffic on the surface for 72 hours or until the surface is completely cured.
5. For a non-skid finish, contact your KOVER KRETE representative for more information.
6. Re-apply KLEAR GARD™ WB or SB, Mirror or Brilliant Finishes periodically, as needed to protect the surface and maintain its beauty.
7. Keep the surface broom clean and mop with clean water and a mild detergent a necessary.
8. Use door mats near entryways to prevent sand and grit from eroding the surface.

### MAINTENANCE

It is recommended that the surface be kept broom clean and soil free. The surface should be cleaned with a mild soap or detergent on a regular and repeated basis. In areas with sand or grit, it is suggested that door mats be used to prevent abrasive eroding of the surface.

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