

Acid Stain

PRODUCT AND COMPANY IDENTIFICATION	
PRODUCT MANUFACTURER: Stone Edge Surfaces	MANUFACTURER: Turley International Resources, LLC.
PRODUCT NAME: Acid Stain	4322 South 80 th Street
	Mesa, AZ 85212 - USA
	TEL: 844-786-6333 E: info@stoneedgesurfaces.com
EMERGENCY: CHEMTREC P: 703-527-3887 F:703-527-3887 (International)	MEDICAL: 3E Company P:800-451-8346 F:760-602-8856 (International)
PRODUCT COMPOSITION	
<p>Stone Edge Surfaces Acid Stain is a penetrating chemical stain for the application of color that reacts with minerals that exist in newly cured or existing concrete, penetrating the very top layer of the concrete surface with color that will not chip, crack, or peel. The colors produced in each section of concrete will be unique with captivating, multi-colored intensities that become a permanent part of the concrete. Acid stains work by reacting to the calcium hydroxide in the concrete or overlay. Stone Edge Surfaces Acid Stain is a unique formulation of blended metallic salts in an acidic water based solution. These metallic salts penetrate and react with the chemical substance (calcium hydroxide) in concrete to deposit the colors into the concrete pores. Each color is composed of a complex proprietary formulation that contains no pigments or resins. When highlighted with the proper sealer, this effect provides a natural, attractive glow.</p>	
PRODUCT USES	
<p>Stone Edge Surfaces Acid Stain is durable enough for commercial applications like restaurants, showrooms and retail spaces. Acid Stains reduce surface-glare on walkways, driveways, patios, and entrances. Interesting shades and colors can be achieved by using Acid Stain over concrete surfaces colored and antiqued with Stone Edge Surfaces Color Hardener or concrete integrally colored with Stone Edge Surfaces Colorpax to create eye-catching combinations that cannot be duplicated with other coloring materials. Concrete must be cured at least 30 days, unsealed, and dry. Overlays must be cured at least 1 week, unsealed, and dry. All acid stains must be neutralized.</p>	
PRODUCT CAUTIONS	
<p>Stone Edge Surfaces Acid Stain is not effective on many surfaces. Older or weathered concrete, or concrete subject to runoff or dripping water, or heavily sandblasted concrete may have little or no chemical reaction. Stone Edge Surfaces strongly recommends testing representative samples in different sections of the concrete to determine suitability of the stain and final appearance. Some colors should NOT be used on slag concrete or in areas subject to water from the subgrade or standing water. Applying to slag concrete or exposure to excess water will darken or blacken the stained surface.</p> <p>When using these colors, they should be considered for interior purposes where the subgrade must be well drained and free of hydrostatic pressure. Stone Edge Surfaces Acid Stains must be applied using proper preparation and installation procedures for the Stone Edge Surfaces warranty to be valid. Acid Stains are CORROSIVE and Contain Acid. KEEP OUT OF REACH OF CHILDREN. Before using or handling, read the Safety Data Sheet and Warranty. DO NOT TAKE INTERNALLY.</p> <p>Avoid contact with skin and eyes and clothing. Do not breathe vapor or mist. Wear acid vapor mask (NIOSH/MSHA TC 23C approved), goggles, rubber gloves, protective clothing and chemical-resistant apron and boots. Close container after each use. Use good hygiene when handling this product and wash and bathe after each use. Be sure to wash clothing after each use.</p> <p>Stone Edge Surfaces Acid Stain will dry to a powdery residue. This must be removed after the final application of stain is dry. Flush area with water and scrub with a stiff brush. The surface must then be flushed with clean water and neutralized with a pH neutralizer such as ammonia, baking soda, or T.S.P. The rinse water may be slightly corrosive and have the capacity to stain. Special care must be taken to keep runoff from areas that are to remain unstained, stained different colors, or areas containing plant-life. In general, the more aggressive the finished surface, the greater the coefficient of friction and corresponding skid resistance, the more difficult to clean.</p>	
PRODUCT PHYSICAL PROPERTIES	
See SDS Sheet for Physical Properties and Safety Information	
PRODUCT BENEFITS	
Beautiful Penetrating Color	Will not chip, crack, or peel
Interior / Exterior Use	Reduces Surface glare
Commercial and residential applications	
PRODUCT CLEANABILITY	
<p>The smoother the finished texture, the easier the surface is to clean, but there is a loss of skid resistant properties. Cleaning and disinfecting compounds and cleaning techniques can affect the color, gloss, texture and performance of the system. As the precautionary step, Stone Edge Surfaces recommends that the end-user test their cleaning and disinfecting compounds on a non-conspicuous area before use. Remove any overspray of Stone Edge Surfaces Acid Stain immediately with water.</p>	
PRODUCT COVERAGE	
Approximately 140 sqft per gallon	
PRODUCT SHELF LIFE	
<p>If properly stored, the expected shelf life can exceed 6 months. However, it is recommended that product be used as soon as possible after delivery. Rotate stock to use oldest inventory first. Store under roof and keep dry.</p>	

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PRODUCT LIMITED WARRANTY

Limited Warranty: Stone Edge Surfaces, a division of Turley International Resources, LLC., (further known as manufacturer), products are warranted to be free of manufacturer's defect in material and formulation for 90 days (the warranty period) from the date of purchase from manufacturer, when applied per manufacturer's instructions, and as provided specifically in the terms and conditions herein. TERMS: Upon verification of factory defect, manufacturer reserve the right, at its sole discretion, to replace the product purchased or refund the purchase price paid to the manufacturer. The refund amount will be based on the most current product pricing at the time warranty coverage is approved. For Products to be deemed warrantable, they must be inspected and warranty approved by an authorized manufacturer representative. This Limited Warranty does not cover, nor is manufacturer responsible for, any project costs or delays, and no remedies will be made for loss and/or usage of fuel, labor, demolition, haul away, clean up, service, travel, transport, reapplication, parts, or any other costs in excess of the purchase price of the products paid to the manufacturer or use of resources resulting from a failure of a warrantable product. Warranty also does not cover products that have been modified, altered, improper mixing not in accordance with manufacturer's guidelines or instructions, misused or used in a way not recommended by manufacturer, used after shelf life expiration, acts of God, adverse environmental conditions beyond manufacturer's control, inadequate contractor skill level or quality of contractor workmanship, fading over time, improper prep of application area, chemical damage, unstable, cracking or shifting substrate causing product failure. Product replacement or refund of product purchase price from manufacturer are manufacturer's sole obligations under this limited warranty.