

Hairline Crack Fill

PRODUCT AND COMPANY IDENTIFICATION		
PRODUCT MANUFACTURER: Stone Edge Surfaces	MANUFACTURER: Turley International Resources, LLC.	
PRODUCT NAME: Hairline Crack Fill	4322 South 80 th Street	
	Mesa, AZ 85212 - USA	
	TEL: 844-786-6333 E: info@stoneedgesurfaces.com	
EMERGENCY: Call 911 or seek medical assistance immediately	MEDICAL: Call 911 or seek medical assistance immediately	
PRODUCT COMPOSITION		
<p>DESCRIPTION: Stone Edge Surfaces Hairline Crack Fill is a just add water, no primer required, heavily polymerized concrete hairline crack fill that is used to fill, fix, patch and repair hairline surface cracks that may appear as the concrete, Stone Veneer dries, or concrete overlay cures, settles, dries, age, or due to concrete movement over time. Hairline Crack Fill is also used in the topical coloring process when coloring decorative concrete as a Color Enhancer or Accent Enhancer, to add mottling and realism. Hairline Crack Fill is a dry polymer and cementitious mix that comes in a 10 lb pail.</p>		
MIXING AND APPLICATION		
<p>MIXING INSTRUCTIONS AS Hairline Crack Fill: Mix Hairline Crack Fill with cool, clean, potable water. Add approximately 2 - 3 OZ (.059 - .88 Liters) of water per 1 (one) Dry Cup (4.22 L) of mix. NOTE: More or less water may be needed depending on air temperature, water mineral content, humidity, and soft or hard water. Water chemistry varies by location, and amount of water you will need may be slightly less or more than what is listed. Mix for an estimated 3-5 minutes after all water and dry material have been added. APPLICATION METHOD AS A HAIRLINE CRACK FILL: Hairline Crack fill is applied into and over the cracks in the same general way you would grout tiles where you apply pressure and push or force the mix down as deeply as you can go into the crack to fill it, which will leave excess material all around the lip of the crack as well. Then wipe away the excess material off the surface, only leaving the crack fill in the crack itself. MIXING AND APPLICATION INSTRUCTIONS AS Accent or Color Enhancer: Follow the same instructions above except for the amount of water. As Color Enhancer, you need a thinner more liquid mix. Mix 3 - 4 OZ (.88 - .118 Liters) of water per 1 (one) Dry Cup (4.22 L) of mix. APPLICATION METHOD AS A COLOR ENHANCER: Hairline Crack Fill as a Color Enhancer is applied with a Cellulose Sponge lightly dipped in the Hairline Crack Fill mixture. Scrape off all excess material from the sponge. Do not Push the sponge onto the surface, you just need a light hazing of mixture on the high spots. "Lightly" drag the sponge over "just the high spots" of the stamped or carved concrete "before" applying your colors or antiquing. Let Hairline Crack Fill dry, and then apply your topical colors as normal. The areas where you applied Hairline Crack Fill as a Color or Accent Enhancer will mottle the colors slightly and add extra shading and realism. COLORING: Hairline Crack Fill can be integrally colored (mix the water with the color first, then add to the mix. Topically Color as you would any other concrete surface. 10 LB Pail.</p>		
PRODUCT CAUTIONS		
<p>When Applying Hairline Crack Fill, you will apply it like you are grouting tile...make sure to clean all excess product off the surface of the substrate and around the edges of the crack. When using as a color enhancer, use only a cellulose sponge to help reduce dripping and DO NOT use a sprayer! Hairline Crack Fill / Accent Enhancer is to be applied sparingly with the intent to just highlight and lightly coat random areas or the higher portions (the tips and edges that stick out the furthest) and is not meant to cover the entire surface with a layer of accent enhancer.</p>		
PRODUCT PHYSICAL PROPERTIES		
ITEM	TESTING USED or DATA AVAILABLE	RESULTS or DATA AVAILABLE
Compressive Strength:	ASTM C 39	Info Not Available
Flexural Strength:	ASTM C 78	Info Not Available
Adhesion:	MIL-D-3134 Para. 3.7.14 (Shear from steel plate after 96 hours)	Info Not Available
Water Absorption:	ASTM C 624	Info Not Available
Indentation Characteristics:	(Steadily Applied Load) MIL-D-3134, Para. 4.7.4.2.1 (2000 lbs. on 1" steel ram imposed for 30 minutes)	Info Not Available
Indentation Characteristics:	(Impacted Load) MIL-D-3134, Para 4.7.3 (2 lb. Steel ball dropped from 8-foot height)	Info Not Available
Tensile Strength:	ASTM C190	Info Not Available
Resistance to Elevated Temperatures:	MIL-D-3134, Para. 4.7.5.1	Info Not Available
Abrasion Resistance:	ASTM C 779	Info Not Available
Coefficient of Thermal Expansion:	ASTM C531	Info Not Available
Electrical Conductivity:		Info Not Available
Flammability:	ASTM E162 Flame Spread Index.	Info Not Available
	Smoke Deposited.	Info Not Available
	ASTM E-84 17. Flame Spread Rate	Info Not Available
	Smoke Density Factor	Info Not Available
	Fuel Contribution Rate	Info Not Available
PRODUCT BENEFITS		
Fills surface hairline, craze and spider cracks on concrete		Contributes to USGBC credits under LEED rating system
Warranted bond ability		Abrasion and wear resistant
Moisture tolerant and breathable		Gives more natural stone appearance
Very low influence from concrete vapor emission		Easy to apply with cellulose sponge

Hairline Crack Fill

PRODUCT CLEANABILITY

With overlay and crack fill products...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.

PRODUCT COVERAGE

Approximate Surface Area Coverage for Hairline Crack Fill / Accent Enhancer: 100 sqft per pail

PRODUCT SHELF LIFE

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.

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 3 years (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's representative, and requestees account must be paid current and in good standing with the manufacturer, manufacturer's distributor where product purchase was made, and/or their place of purchase. 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 manufacturers 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 manufacturers 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.