

Color Hardener

PRODUCT AND COMPANY IDENTIFICATION	
PRODUCT MANUFACTURER: Stone Edge Surfaces	MANUFACTURER: Turley International Resources, LLC.
PRODUCT NAME: Color Hardener	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	
Stone Edge Surfaces Color Hardener is a blend of cement, finely graded aggregates and iron-oxide pigments. When applied to Stone Edge Surfaces stampable overlay system or cast in place ready mix concrete, the Color Hardener provides coloration to the surface as well as added compressive strength. Color Hardener also makes the concrete surface more abrasive and impact resistant. Stone Edge Surfaces Color Hardener is designed to work with imprinting tools to produce clear, sharp impressions that enhance the finished appearance.	
PRODUCT USES	
Stone Edge Surfaces Color Hardener is used in the construction of new concrete flatwork and floors. It can be troweled or have a broom finish, or stamped using Stone Edge Surfaces or equivalent type Texture Mats and Stone Edge Surfaces Liquid Release. Create the look of expensive natural materials such as handset tile, brick or quarried stone by using Stone Edge Surfaces Powdered Release in conjunction with the Color Hardener on ready mix concrete to achieve a contrasting color scheme. The Color-hardened surface can also be stained, after the concrete has been allowed to cure for approximately 28 days. Stone Edge Surfaces Color Hardener may also be used on Stone Edge Surfaces overlay mixes in the same manner but it is recommended to use Stone Edge Surfaces Pro Release instead of Stone Edge Surfaces Powdered Release in this application. Stone Edge Surfaces Color Hardener is also used to provide added compressive strength for abrasive and wear resistance.	
PRODUCT CAUTIONS	
Stone Edge Surfaces Color Hardener must be installed over stable substrate using proper preparation and installation procedures. All expansion/cut joints in the existing substrate must be honored. Extra joints may be added as deemed necessary by the installer. Stone Edge Surfaces Color Hardener must be used with the Stone Edge Surfaces standards and procedures for the Stone Edge Surfaces warranty to be valid. These have been chemically engineered to be compatible with Stone Edge Surfaces products to provide the maximum physical properties and prevent loss of bond to the substrate. See product SDS sheet.	
PRODUCT PHYSICAL PROPERTIES	
See SDS Sheet for Physical Properties and Safety Information	
PRODUCT BENEFITS	
Streak-Free, Non-Fading	Can be antiqued and stained
Denser, more durable surface	Moisture tolerant and breathable
Improved abrasion resistance	Very low influence from concrete vapor emission.
Contributes to USGBC credits under LEED rating system.	Available in many colors
PRODUCT CLEANABILITY	
In general, 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. Slip resistance is greatly affected by the sealers and texture used. Follow sealer manufacturer recommendations for slip resistance and prevention.	
PRODUCT COVERAGE	
Approximate Surface area coverage for Color Hardener 100-200 square feet per 50 lb. pail of Stone Edge Surfaces Color Hardener. Coverage rate may vary depending on amount of Color Hardener applied.	
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 manufacturers 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 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.	