

Integral Colors

PRODUCT AND COMPANY IDENTIFICATION	
PRODUCT MANUFACTURER: Stone Edge Surfaces	MANUFACTURER: Turley International Resources, LLC.
PRODUCT NAME: Integral Colors	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 Integral Colors are made from the finest UV-resistant pigments available and come in 19 colors that can be combined to create 36 colors.	
PRODUCT USES	
Most often Stone Edge Surfaces Integral Colors are used with ready mix concrete and are added into the truck mix at the ready mix plant or on the job site. They can also be used for cast-in-place, precast, and tilt-up concrete, concrete blocks, pavers, and imprinted concrete. Designing with saw cuts on flatwork can add definition and sandblasting will expose the aggregates and create the appearance of different colors. Use Stone Edge Surfaces Texture Mats on flatwork to add depth and slip-resistance or combine with Stone Edge Surfaces Dry Release powder in a contrasting color to achieve the look of other paving materials, such as cobblestone slate or inset Flagstone. After the concrete has been allowed to cure for 28 days, Stone Edge Surfaces Integral Color can be stained, using Stone Edge Surfaces Acid Stain or etched. Stone Edge Surfaces Integral Colors are commonly used on architectural concrete stamping, driveways, sidewalks, patios, grout, vertical precast, and poured in place concrete construction. Stone Edge Surfaces Integral Colors may be used on interior or exterior landscapes.	
PRODUCT CAUTIONS	
Stone Edge Surfaces Integral Colors can be added during the batching process at the ready mix plant, or they can be added to the transporter upon arrival to the job site. If Integral Color is added on the jobsite, the entire batch must be mixed for approximately 15 minutes using high revolutions of mixer... depending on load size. For uniform batch-to-batch color, the ready mix concrete mix design should be consistent. Timing and placement of the concrete, forming and finishing techniques, release agents, curing methods, color of cements and aggregates, and water content may contribute to slight variations in the finished color. Stone Edge Surfaces does not recommend using any color that will exceed the saturation point of 10% of the weight of total cementitious material used in the concrete mix. An excess of 10% can reduce the overall strength of the finished product.	
PRODUCT PHYSICAL PROPERTIES	
ASTM-C33-97 Standard specification for Concrete Aggregates	ASTM C979-82 (R1993) Standard specification for Pigments for Integrally Colored Co
ASTM-C94-97 Standard specification for Ready-Mixed Concrete	See SDS Sheet for Safety information and physical properties.
ASTM C150-97a Standard specification for Portland Cement	
PRODUCT BENEFITS	
Streak-free, Non-fading	Contributes to USGBC credits under LEED rating system.
UV Resistant Color	Moisture tolerant and breathable.
Mixes evenly & Easy to Batch	Available in 19 Easy to Batch Colors, that when combined can create 36 colors.
Meets ASTM C979	Very low influence from concrete vapor emission
PRODUCT CLEANABILITY	
In general, the more aggressive the finished surface, the greater the coefficient of friction and corresponding skid resistance, the more difficult to clean. 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	
See Stone Edge Surfaces Order Form and Price Sheet to determine how many pails of which color(s) are needed per 1 or 2 cubic yards of concrete.	
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	
<p>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 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.</p>	