



SEAL KRETE® HIGH PERFORMANCE COLOR-SHELL

DESCRIPTION AND USES

SEAL-KRETE® Color-Shell utilizes the latest in UV stable colorant technology offering a fast drying easy to apply concrete stain. Color-Shell creates unique, multi-colored translucent colors that will not peel, chip, or flake. Available in 20 standard colors which can be combined to create unlimited color possibilities. When properly sealed Color-Shell will resist staining and harsh chemicals.

FEATURES AND BENEFITS

- Variegated finish
- SCAQMD approved stain
- Fast drying - Topcoat in 1 hour
- Acid free
- Will not peel or flake
- Gloss and Matte Topcoats available

PRODUCTS

DESCRIPTION	SKU
Saddle Brown	980001
Brown	980002
Dark Walnut	980003
Cola	980004
Leather	980005
Desert Tan	980006
Vintage Umber	980007
Purple	980008
Dark Blue	980009
Blue	980010
Turquoise	980011
Red	980012
English Red	980013
Terra Cotta	980014
Malay Tan	980015
Burnt Orange	980016
Fern Green	980017
Light Green	980018
Gray	980019
Black	980020

PRODUCT APPLICATION

READ ALL INSTRUCTIONS CAREFULLY BEFORE STARTING PROJECT

NEW CONCRETE: New concrete should be allowed to cure for a minimum of 28 days. The concrete must be structurally sound, dry, and free of grease, oils, dust, curing compounds and other coatings or contaminants. Surface laitance must be removed. Rising moisture vapor emission rate must not exceed 3 lb. per 1000 sq. ft. over a 24 hour period as measured by calcium chloride test method ASTM F-1869.

PRODUCT APPLICATION (cont.)

SURFACE PREPARATION (cont.)

The application area must be completely free of sealers, oils, dirt, paint, alkali, penetrating sealers, or any foreign materials that would prevent Color-Shell Stain from penetrating the concrete surface. The recommended substrate should have a minimum concrete surface profile (CSP) of 1(one) in accordance to the ICRI Guideline No. 03732. Contact ICRI at www.ICRI.org for more information on these surface profiles. Surface must be dry prior to application of the Color-Shell Stain. Protect adjacent areas from over-spray, runoff, spills, and tracking, prior to application.

WARNING! If you scrape, sand or remove old paint from any surface, you may release lead paint dust. **LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE; ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE.** Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

MIXING

Color-Shell Stain is packaged in liquid form and needs to be mixed with acetone. Please follow the Acetone manufacturer's instructions and Safety Data Sheet (SDS) for safe handling and exposure limits.

SEMI-TRANSPARENT FINISH - Mix one bottle of Color-Shell to one gallon of acetone and mix 30 seconds.

DEEP RICH FINISH - Mix one bottle of Color-Shell to one quart of acetone and mix 30 seconds.

TRANSPARENT FINISH - Mix one bottle of Color-Shell to five gallons of acetone and mix 90 seconds.

DO NOT USE any type of electrical equipment to stir the product into the Acetone. Acetone is highly flammable and may ignite.

APPLICATION

Apply when temperature is 40°F to 85°F. Do not apply if water or ice is present. Do not apply to slabs on grade unless a heavy uninterrupted vapor barrier has been installed under the slab. Do not apply if the floor Moisture Vapor Rating is higher than 3 lbs. per 1000 sq. ft.

NOTE: Test in an inconspicuous area before starting project to assure compatibility of all products and approval of color.



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PRODUCT APPLICATION (cont.)

APPLICATION (cont.)

Color-Shell is ready for application as soon as it's mixed with acetone. Use only an acetone resistant sprayer equipped with EPDM Seals like Chapin model #21127XP. Begin by spraying evenly and continuously over the prepared surface, using a #6 or #8 conical tip, in a circular motion. Do not allow Color-Shell to puddle. Mop up any excess with a clean rag so that the surface will dry evenly. During application keep end of tip at least 12-24 inches from substrate. This technique will insure that Color-Shell is fogged on resulting in a variegated look. Co2 based sprayers are recommended for large areas. These sprayers will offer constant even pressure. Avoid long straight runs to minimize striping. A second color can be applied right after or at the same time to create a multi-color or two tones finish.

IMPORTANT: If you need to stop during application, we recommend covering spray tip with a clean rag and or putting sprayer into a 5 gallon pail to avoid getting drips on the deck. Allow to dry 1 hour before sealing.

SEALING

Allow Color-Shell to thoroughly dry (approximately 1 hour) before applying sealer. Consult desired sealer's product data sheet for proper application procedures.

APPROVED TOP COATS

Paver-Shell - Solvent based acrylic sealer (Use Viton equipped sprayer)

Clear-Shell - 1K UV Stable Urethane

Dura-Shell WB - 2K Waterbased Polyurethane

Poly-Shell 7000 – 2K Polyaspartic sealer

PRODUCT APPLICATION (cont.)

CLEAN UP

Clean tools and sprayer immediately with acetone. Dried Color-Shell will require mechanical abrasion from the substrate to be removed. Do not use xylene in an acetone sprayer as its will dissolve the gaskets damage hose and tips.

HANDLING

Do not breathe mixed material. Use adequate ventilation

KEEP FROM FREEZING: Store in well-ventilated area above freezing.

DISPOSAL: Collect with absorbent material. Dispose of in accordance with current local state and federal regulations.



**SEAL KRETE® HIGH PERFORMANCE
COLOR-SHELL**

PHYSICAL PROPERTIES

		COLOR-SHELL
Pigment Type		Varies with color
Volatile Organic Compounds*		<100 g/l* <50 g/l*
Practical Coverage at Recommended DFT		300-600 sq. ft./gallon Coverage will depend on application method and surface porosity
Dry Times at 70-80°F (21-27°C) and 50% Relative Humidity	Touch	5 minutes
	Recoat	15 minutes
	Top Coat	1 hour
Flash Point		>140°F
Safety Information		KEEP OUT OF REACH OF CHILDREN. SEE THE PRODUCT SAFETY DATA SHEET (SDS) AND LABEL WARNINGS FOR ADDITIONAL SAFETY INFORMATION.

* EPA Method 24 Stain Category
Calculated values are shown and may vary from the actual manufactured material.

The technical data and suggestions for use contained herein are correct to the best of our knowledge, and offered in good faith. The statements of this literature do not constitute a warranty, express, or implied, as to the performance of these products. As conditions and use of our materials are beyond our control, we can guarantee these products only to conform to our standards of quality, and our liability, if any, will be limited to replacement of defective materials. All technical information is subject to change without notice.