

# ColorJuice® Exterior Concrete Sealer™



## PRODUCT FEATURES

### ◆ DESCRIPTION

Sealer and stain protector for exterior and interior concrete.

### ◆ USES

ColorJuice® Exterior Concrete Sealer™ is a fast drying water-based sealer that protects and beautifies decorative concrete. ColorJuice Sealer is designed for use with ColorJuice® Concrete Silicate Colorant, but may also be used on uncolored concrete or with other compatible color products, in both exterior and interior applications. It is ideal for any concrete finish including porous finishes such as broomed, stamped, and exposed-aggregate concrete, concrete masonry and other cementitious surfaces, as well as porous brick, natural and manufactured stone, stucco, slate, unglazed tile, and flagstone.

### ◆ SELECTION CRITERIA

- Exterior and interior applications
- Penetrating and durable
- Satin Finish
- Non-Yellowing
- UV Resistant
- Fast application, 1 hour drying between coats
- Fast curing, 12 hours for foot traffic, 24 hours for heavy traffic
- Water-based
- Breathable
- Helps prevent black marks from chewing gum

- Can be applied to most cementitious surfaces and other unglazed stone and masonry surfaces
- Concentrated for easy shipping and storage
- Easy to clean and maintain
- Low VOC (< 40g/l)

### ◆ SUSTAINABILITY CRITERIA

Color Juice Sealer is water-based, does not release harsh solvents into environment, and is low VOC (< 40g/l).

Exposed concrete floors eliminate extra material- and energy-consumption for applied floor coverings. Exposed concrete floors are very durable, eliminating replacement of applied floor coverings.

It provides an easily-cleanable surface with low-impact maintenance requirements (dry mop, wash with water or mild cleanser).

It is shipped in concentrated form to reduce transportation-related impacts, packaging, and storage.

### ◆ AVAILABILITY

Global.

### ◆ COST

Cost is comparable with water-based sealers.

### ◆ LIMITATIONS

Due to variables in application, maintenance, and the concrete itself, appearance may change over time.

### ◆ WARRANTY

This product is for use by licensed contractors. Since manufacturer does not exercise control of product's use or project conditions, American Decorative Concrete Supply Company (ADC) represents and warrants only that this product is of consistent quality within manufacturing tolerances. NO OTHER ORAL OR WRITTEN REPRESENTATION OR STATEMENT OF ANY KIND, EXPRESS OR IMPLIED, IS AUTHORIZED OR WARRANTED BY ADC, INCLUDING THOSE OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, OR THE EFFECTS OR RESULTS OF SUCH USE. ADC WILL NOT BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING DAMAGES FOR DELAYS OR LOST PROFITS. Claims must be made in writing and received within one year from date of product sale to original buyer. Sole remedy shall be replacement of product proven defective.



ColorJuice Sealer can be used on virtually any interior or exterior concrete. Use next to pool or hot tub without worries about reaction with common water treatment chemicals.

## Color Juice® Exterior Concrete Sealer™

## ◆ SHIPPING AND HANDLING

Store in a safe place. Keep containers tightly sealed. DO NOT allow product to freeze. Material that is frozen CANNOT be used when thawed. Shelf life is approximately 12 months.

## ◆ SAFETY PRECAUTIONS

**WARNING: BEFORE USING PRODUCT, READ MATERIAL SAFETY DATA SHEET AND INSTRUCTIONS ON PACKAGING. ALKALINE CONCENTRATE: CONTACT CAN QUICKLY DAMAGE EYES, SKIN AND OTHER BODY TISSUES. HANDLE WITH CARE. EYE, SKIN, RESPIRATORY TRACT, AND DIGESTIVE TRACT IRRITANT. DO NOT TAKE INTERNALLY. KEEP OUT OF REACH OF CHILDREN. SPRAY MIST IS RESPIRATORY TRACT IRRITANT.** Use only with adequate ventilation. Do not breathe vapors or spray mist. Avoid contact with eyes, skin, clothing. Product is not flammable, but if involved in a fire, this product will release smoke, acrid vapors and toxic gases (e.g., carbon oxides). Observe appropriate safety and jobsite controls. Wear appropriate protection including eye protection and chemical-resistant gloves. Ensure fresh air flow during application and until dry. If you experience headaches, dizziness, eye watering, or if air monitoring shows vapor/mist levels above applicable limits, wear a properly fitted P100/organic vapor respirator (NIOSH TC-84A approved), used according to manufacturer's directions, during application and drying.

## PRODUCT PROPERTIES

## ◆ COMPOSITION

Color Juice Sealer is a liquid acrylic copolymer mixture. It is a milky liquid concentrate with a faint ammonia odor.

## ◆ PROPERTIES

Color Juice Sealer penetrates concrete surfaces and deposits a thin polymer coating on the concrete. It helps seal the concrete surface against penetration, staining and damage by liquids.



## ◆ DILUTION AND COVERAGE

Color Juice Sealer is shipped as a concentrate. Dilute with water in 1:1 ratio.

**1 Gallon:** Pour contents of Color Juice Sealer concentrate container (.5 gal (1.9 L)) into 1.5 gal (5 L) plastic bucket. Add one container full of clean potable water - .5 gal (1.9 L) - to make 1 gallon (3.8 L) working solution.

**5 Gallon:** Pour contents of Color Juice Sealer concentrate container (2.5 gal (.9.5 L)) into 5 gal (18.9 L) plastic bucket. Add one container full of clean potable water - 2.5 gal (9.5 L) - to make 5 gallons (18.9 L) working solution.

Product will cover approximately 400-600 sf/gallon (10-15 m<sup>2</sup>/L) and 300-400 sf/gallon (7-10 m<sup>2</sup>/L) on porous concrete. Coverage may vary depending on porosity of concrete.

## PRODUCT PLACEMENT

## ◆ PREPARATION

**WARNING:** People, property, vehicles, animals, plants, and all surfaces not intended to be sealed should be protected from the product, splash, overspray, and wind drift, using polyethylene sheeting or other proven protective material.

**NEW CONCRETE MUST CURE FOR AT LEAST 28 DAYS BEFORE APPLICATION.** For best

results, perform a moisture content test on both newly-poured and existing slabs. Slabs with a moisture content 5 lbs per 1000 sf or less show best performance (ASTM F1869 calcium chloride test). High moisture levels may affect performance of color. Do not apply if concrete is frozen, dirty or has standing water. Hydrostatic pressure may affect sealer performance.

Surface to be sealed must be completely clean. Remove all efflorescence, oil dirt, wax, paints, sealers, and curing compounds; pressure washing and/or power scrub if necessary. American Decorative Concrete Conditioning Cleaner is highly recommended to clean the surface. Recommended surface profile is a CSP1. Refer to ICRI Guideline NO. 03732 "Selecting and Specifying Concrete Surface Preparation for Sealers, Coatings, and Polymer Overlays." RINSE THOROUGHLY. If in doubt whether surface is sufficiently clean, sprinkle water to test: if water beads up on surface, clean and test again.

If acid etching is used to clean, soak the entire surface with water before applying the acid. Apply acid according to manufacturer's directions. Slab must then be thoroughly neutralized with a pH neutralizer such as ammonia, baking soda, or T.S.P.; unneutralized acid residue will prevent the sealer from penetrating. When acid stops fizzing, rinse with clean water. Apply neutralizer.

Wait 10-15 minutes, then flush surface with clean water. Repeat rinsing and neutralizing. Allow surface to dry at least 24 hours; surface must be dry to touch.

#### ◆ APPLICATION

**Testing:** Prior to starting project, apply Color Juice Sealer to sample area of each type of concrete to be treated, using applications procedures proposed for project. Confirm that concrete is receptive to sealer.

**Project Conditions:** Ambient temperature during application should be 55°F-80°F (12.8°C -26.7°C). Do not apply on rainy, foggy, or extremely humid days. Excess moisture may prevent sealer from drying properly.

**Equipment:** Apply Color Juice Sealer using Patriot™ 500 sprayer with Patriot Red #6 tip, or similar low pressure sprayer with conical fine mist tip with 6.4 Gal/hr flow at 40 psi (24.2 L/hr at 275.8 kPa).

**Application:** Apply 2-3 light and even coats. Multiple light applications are recommended. Avoid heavy application of Color Juice Sealer. **CAUTION:** Do NOT back-roll or back-brush. Allow each coat to dry to touch, at least one hour between coats.

Clean sprayer immediately after application.

#### ◆ NEXT STEPS

Foot traffic may be allowed on sealed surface after 12 hours. For heavy traffic, allow 24 hours curing.

#### ◆ MAINTENANCE

Sealed surface should be inspected periodically for areas of thin or traffic-worn sealer, and sealer reapplied as needed. Normal traffic may require reapplication of Color Juice Sealer annually.



#### ◆ First Aid

For emergency information, call: 1-800-255-3924 (CHEM-TEL) in U.S., Canada, Puerto Rico, U.S. Virgin Islands. In other areas, call collect: +1-813-248-0585

If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Take a copy of label and MSDS to physician or health professional with the contaminated individual.

**SKIN EXPOSURE:** If adverse skin effects occur, discontinue use and flush contaminated area. Seek medical attention if adverse effect occurs after flushing.

**EYE EXPOSURE:** If these products contaminate the eyes, rinse eyes under gently running water. Use sufficient force to open eyelids and then "roll" eyes while flushing. Minimum flushing is for 20 minutes. Seek medical attention if any adverse effect continues after rinsing.

**INHALATION:** If vapors of these products are inhaled, causing irritation, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention if adverse effect continues after removal to fresh air.

**INGESTION:** If these products are swallowed, CALL PHYSICIAN OR POISON CONTROL CENTER FOR MOST CURRENT INFORMATION. If professional advice is not available, DO NOT INDUCE VOMITING. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or unable to swallow. If victim is convulsing, maintain an open airway and obtain immediate medical attention.



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