



## Ameripolish® ColorJuice 3D Concrete Colorant Concentrate

### PRODUCT DESCRIPTION

Ameripolish® Color Juice 3D is a concrete color system designed to color and densify in one step. ColorJuice 3D is made from mixing Color Juice 3D Part A (hardener) with Color Juice 3D Part B (colorant) to make the ready-to-use (RTU) formula.

### FEATURES

- Excellent UV resistance
- In one step, improves abrasion resistance, hardens surface, and improves stain resistance while adding color
- Reducing freeze/thaw damage and salt damage
- May be used on broom finished and textured concrete, or on ground concrete and burnished to a high sheen
- May be used on integrally colored concrete, stamped concrete, or as a touch up for acid stained concrete.
- Easily applied with pump sprayer.
- Horizontal or vertical application.

### PRODUCT SPECIFICATIONS

Application:	Spray
Appearance:	Colored liquid
VOC:	Compliant (<40g/l)
Shelf Life:	1 year
Solvent:	Water based

### USES

Ameripolish® ColorJuice 3D is a fast, easy way to apply color to many types of concrete. It provides durable color by bonding through silicate hardeners, is not hazardous, and eliminates wait times that you would see with other stains.

It is ideal for garage floors, sidewalks, porches, patios, driveways, and pool decks, and will bond to most cementitious surfaces. ColorJuice 3D can also be applied to interior concrete surfaces as well

### SUSTAINABILITY

ColorJuice 3D is water based low VOC (<40g/l), does not release harsh odor into the environment. It provides an easily cleanable surface with low maintenance requirements. (Dry mop, wash with water or mild cleanser)

### LIMITATIONS

For exterior applications, ColorJuice 3D can be used in conjunction with Ameripolish® X Link WB surface sealer, Ameripolish® DNS 400 solvent based sealer, or Ameripolish® SR2 & SR<sup>2</sup> WB penetrating stain resistor. Due to variables in application, maintenance and concrete itself, appearance may change over time.

### PRODUCT PROPERTIES

ColorJuice 3D is a liquid suspension of proprietary ingredients. It is an odorless liquid. Appearance varies with different available colors. Once added to ColorJuice 3D Part A (hardener) ColorJuice 3D penetrates the concrete surface and reacts with lime (calcium hydroxide) in the concrete to form insoluble calcium silicate hydrates (CSH) crystals that bond colorant to concrete. By consuming lime, it also reduces efflorescence that can disfigure concrete surfaces.

### PREPARATION

ColorJuice 3D should be prepared properly. Use Ameripolish® Strip and Clean for cleaning and degreasing and Ameripolish® EZ Etch for profiling and removing any latent concrete. For an increase in protection use Ameripolish® X Link WB™ surface sealer, Ameripolish® X Link WL, Ameripolish® DNS 400 solvent based sealer or Ameripolish® SR<sup>2</sup> / SR<sup>2</sup> WB penetrating stain resistor for final protection.

**WARNING:** People, property, vehicles, animals, plants, and all surfaces not intending to be colored should be protected from the product, splash, overspray, and wind drift, using polyethylene sheeting or other proven protective material. If design requires discreet areas of color, mask adjoining areas, lining color edges with blue painter's tape or similar adhesive masking material (DO NOT LEAVE DOWN FOR EXTENDED PERIODS OF TIME). Surfaces, animals, or clothing contacted by colorant may be





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permanently colored.

**NEW CONCRETE SHOULD CURE FOR 28 DAYS BEFORE APPLICATION.**

For best results, perform a moisture content test on both newly poured and existing slabs. Slabs with 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.

### DILUTION AND COVERAGE

Mix ColorJuice 3D Part A (hardener) with ColorJuice 3D Part B (colorant), shake well and the product is ready to be used.

On troweled concrete, product will cover approximately 600-800 sf/gallon (15-20m<sup>2</sup>/L), and 300-400 sq/gallon (7-10m<sup>2</sup>/L) on porous concrete. Highly absorbent concrete may lower coverage rates.

### APPLICATION

Make sure the concrete is prepared properly using the Ameripolish® Strip and Clean and/or Ameripolish® EZ Etch products.

**Testing:** Prior to starting the project, apply ColorJuice 3D to sample area of each type of concrete to be treated, using applications procedures proposed for project. Confirm that concrete is receptive to colorant.

**Project conditions:** Recommended ambient temperature during application should be 40-90 degrees F (4-32 degrees C). Porous Concrete (broom finished, stamped, etc.)

**Surface preparation:** Clean concrete with Ameripolish® EZ Etch with a power washer or use other methods. Remove all debris, stains, sealers and coatings. Concrete must be thoroughly dry before ColorJuice 3D application.

**Equipment:** Apply ColorJuice 3D using Ameripolish®

approved sprayer with conical tip.

**Application:** Spray a light first application of product. After one hour, or when dry, spray a second light application, if needed. Move sprayer in direction at 90 degrees from first application.

Clean up tools and overspray with water before it dries. Allow product to dry. Non-porous concrete (troweled finish)

**Surface preparation:** prior to application of ColorJuice 3D, slab must be diamond ground with progressively finer abrasives up to 150-grit metal bond or equivalent. Or it can be chemically etched using Ameripolish® EZ Etch.

**Equipment:** Apply ColorJuice 3D using Ameripolish® approved sprayer with conical tip.

**Application:** spray a light first application of product. After an hour, or when dry, spray a second application if needed. Move sprayer 90 degrees from first application.

Clean up tools or any overspray with water before product dries. Allow time to dry.

### NEXT STEPS

ColorJuice 3D application can be protected with Ameripolish® X Link WB surface sealer, Ameripolish® X Link WL, Ameripolish® DNS 400 solvent-based sealer or Ameripolish® SR<sup>2</sup> / SR<sup>2</sup> WB penetrating stain resistor.

### MAINTENANCE

Remove dust or debris with broom, vacuum, water hose, mop or auto scrubber. Renew protective sealer every one to two year depending on wear and foot traffic.

### STORAGE

Store Ameripolish® ColorJuice 3D in room temperature at all times. Do not leave in direct sunlight or heat. May cause issues before applying.





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### WARRANTY

This product is for use by licensed contractors. Since manufacturer does not exercise control of product's use or project conditions, Ameripolish® 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 AMERIPOLISH, INCLUDING THOSE OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, OR THE EFFECTS OR RESULTS OF SUCH USE. AMERIPOLISH WILL NOT BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGE, 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.

### PACKAGING SPECIFICATIONS

Ameripolish® Color Juice 3D is packaged to use in 1 gallon mixes (3DCJ\_\_-1), and 5 gallon mixes (3DCJ\_\_\_-5). Refer to the ColorJuice 3D color chart and sales sheet for available colors – [www.ameripolish.com](http://www.ameripolish.com).

### VOC COMPLIANCE

In addition, Ameripolish® Color Juice 3D™ offers VOC compliance with low VOC at <40g/l and is also compliant with national, state and district regulations:

- US Environmental Protection Agency
- California Air Resources Board SCM Districts\*
- South Coast Air Quality Management District\*
- Maricopa County, AZ
- Northeast Ozone Transport Commission

\*Before application, verify product conformance with local and state codes.

### First Aid

**Ingestion:** DO NOT induce vomiting. Drink large quantities of water or milk. Seek medical attention immediately.

**Eye Contact:** Remove contact lenses. Immediately flush eyes for 15 minutes in clear running water; hold eyelids open. Seek medical attention if irritation persists after flushing.

**Skin Contact:** Wash affected area with soap and water. If irritation persists, seek medical attention.

**Inhalation:** 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.

### SAFETY PRECAUTIONS

WARNING: BEFORE USING PRODUCT, READ MATERIAL SAFETY DATA SHEET AND INSTRUCTIONS ON PACKAGE. ALKALINE CONCENTRATE: CONTACT CAN QUICKLY DAMAGE EYES, SKIN AND OTHER BODY TISSUES. HANDLE WITH CARE. EYES, SKIN, RESPIRATORY TRACT, AND DIGESTIVE TRACT IRRITANT. DO NOT TAKE INTERNALLY. KEEP OUT OF REACH OF CHILDREN. SPRAY MIST IS RESPIRATORY IRRITANT. Use only with adequate ventilation. Do not breathe vapors or spray mist. Avoid contact with eyes, skin and clothing. Products are not flammable, but it involved in a fire, may produce irritating vapors and toxic gases (e.g., carbon oxides and copper and iron oxides). Possible development hazard: contains lithium, may adversely affect developing fetus. Observe appropriate safety and jobsite controls. Wear appropriate protection including eye protection and





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chemical resistant gloves. Ensure fresh airflow 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 proper fitted P100/ organic vapor respirator (NIOSH TC-84A approved), used according to manufacturer's directions, during application and drying.

