

Section 03 35 19 Colored Concrete Finishing  
 Technical Data Sheet



**AmeriPolish® COLOR JUICE 3D™ Concrete Colorant Concentrate**



# Color JUICE 3D

◆ **PRODUCT DESCRIPTION**

AmeriPolish® Color Juice 3D™ is a concrete color system designed to color and desnify in one step. AmeriPolish® Color Juice 3D™ is made from mixing Color Juice 3D™ Color Part B with Color Juice 3D™ Hardener Part A to make the Ready-to-use formula.

◆ **FEATURES**

- Excellent UV resistance
- In one step, improves abrasion resistance, hardens surface, and improves stain resistance while adding color.
- Repels water, 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® Color Juice 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.

AmeriPolish® Color Juice 3D™ can also be applied to interior concrete surfaces as well

◆ **SUSTAINABILITY**

AmeriPolish® Color Juice 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, AmeriPolish® Color Juice 3D™ can be used in conjunction with AmeriPolish® X Link WB™ surface sealer, AmeriPolish® DNS 400™ solvent-based sealer, or AmeriPolish® SR2™ penetrating stain resistor. Due to variables in application, maintenance, and concrete itself, appearance may change over time.

◆ **PRODUCT PROPERTIES**

AmeriPolish® Color Juice 3D™ is a liquid suspension of proprietary ingredients. It is an odorless liquid. Appearance varies with different available colors. Once added to AmeriPolish® 3D Hardener™, Color Juice 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**

Color Juice 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® DNS 400™ solvent-based sealer, or AmeriPolish® SR2™ penetrating stain resistor for final protection.

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

◆ **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.

## Section 03 35 19 Colored Concrete Finishing Technical Data Sheet

### AmeriPolish® COLOR JUICE 3D™ Concrete Colorant Concentrate

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 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 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.

#### ◆ DILUTION AND COVERAGE

Color Juice 3D™ Color is simply mixed with AmeriPolish® Color Juice 3D™ Hardener, shook well, and ready to spray.

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 Color Juice 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™ and power washer or other method. Remove all debris, stains, sealers and coatings. Concrete must be thoroughly dry before Color Juice 3D™ application.

Equipment: Apply Color Juice 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 Color Juice 3D™, slab must be diamond ground with a progressively finer abrasives up to 150-grit metal bond or equivalent. Or it can be

#### ◆ 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 job-site 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 proper fitted P100/ organic vapor respirator ( NIOSH TC-84A approved), used according to manufacturer's directions, during application and drying.**



This two-color application of Color Juice Colorant and Color Juice Sealer turns an unsightly slab into an attractive patio.

AmeriPolish® COLOR JUICE 3D™ Concrete Colorant Concentrate

chemically etched using Ameripolish® EZ Etch.  
Equipment: Apply Color Juice 3D™ using Ameripolish® approved sprayer with conical tip.  
Application: spray a light first application of product. After a 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 to dry.

◆ NEXT STEPS

Color Juice 3D™ application can be protected with Ameripolish® X Link WB™ surface sealer, Ameripolish® DNS 400™ solvent-based sealer, or Ameripolish® SR2™ penetrating stain resistor, or other appropriate sealer or stain protector. Use according to manufacturer's directions.

◆ 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 dry and upright at 40-100F° (4 - 41C°)
- Keep product from freezing
- Keep out of reach of children
- Seal container after use.



◆ 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.

◆ 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 of health professional with contaminated individual. SKIN EXPOSURE: If adverse skin effects occur, discontinue use and flush contaminated area. Seek medical attention if adverse effect occurs after flushing.

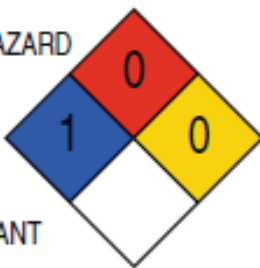
If products contaminate eyes, rinse under gentle running water. Use sufficient force to open eyelids and "roll" eyes while flushing. Minimum flushing is 20 minutes. Seek medical attention if adverse effects continue after rinsing. INHALATION: if vapors of these products are inhaled, and cause irritation, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention if adverse effects 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 in not available, DO NOT INDUCE VOMITING. Never induce vomiting or give diluent (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 attention.

◆ PACKAGING SPECIFICATIONS:

AmeriPolish® Color Juice 3D™ is packaged to use in 1 gallon mixes (3DCJ\_\_\_-1), and 5 gallon mixes (3DCJ\_\_\_-5). Refer to Color Chart and Sales Sheet for available colors.

DEGREE OF HAZARD  
4 = EXTREME  
3 = HIGH  
2 = MODERATE  
1 = SLIGHT  
0 = INSIGNIFICANT



AmeriPolish, Inc. 120 Commercial Ave., Lowell, AR 72745 USA  
Toll Free: 1.800.592.9320 Office: +1 479.725.0033 Fax: +1 479.725.0031  
info@ameripolish.com ◆ www.ameripolish.com