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Dye-N-Seal Pro

Solvent-Based Concrete Dye



Product Description

Ameripolish® Dye-N-Seal Pro dye is for professional decorative concrete installers. The product was formulated using extremely fine molecules of color designed to penetrate and color most interior concrete surfaces. Ameripolish® Dye-N-Seal Pro dye can be used as a stand alone color application on concrete or can be used after acid staining to add color to problem areas that will not react to acid stain.

Ameripolish® Dye-N-Seal Pro dye is for interior application only. Color will fade over time in areas where the dye is frequently exposed to UV light. The quality of UV protection in windows and doors may also determine the amount of time it takes before color must be re-applied.

Features

- Large selection of vibrant colors
- Extremely easy to apply
- Can be applied to most interior concrete surfaces
- Packaged in dry form for easy shipping and storage
- Unlimited shelf life in powder form

Uses

- Coloring concrete
- For optimum performance, use Ameripolish® Dye-N-Seal Pro with Ameripolish® ColorSolve™, Ameripolish® 3D SP Stain Protect, and/or Ameripolish® SR² Penetrating Sealer together to lock in colors for longer lasting protection

Dilution & Coverage

Mixing Ameripolish® Dye-N-Seal Pro: Dye-N-Seal Pro concentrate can be diluted with ColorSolve™.

Mix the contents within 1 gallon bottle of Ameripolish® Dye-N-Seal Pro concentrate with 1 gallon (3.8 L) ColorSolve™.

Mix the contents within 5 gallon bottle of Ameripolish® Dye-N-Seal Pro concentrate with 5 gallons (18.9 L) ColorSolve™.

Coverage varies depending on concrete mixture, porosity, and moisture content and on ambient conditions. Use test areas to determine appropriate application rate. As a starting point to determine coverage: 400 sf/gal (9.8 m²/L).

Preparation

New concrete must cure for at least 28 days before application. Not intended for exterior applications. While in most cases the

Product Specification

Application:	Spray & microfiber mop
Appearance:	Various colors
VOC:	Compliant 0 (g/L)
Shelf life:	Indefinite

Packaging Specification

Shipping Wt.	Unit
0.04 lbs.	1 quart (when mixed)
0.15bs.	1 gallon (when mixed)
0.63 lbs.	5 gallons (when mixed)
0.37 lbs.	Sample bottle
4.07 lbs.	Half set of samples (12)
8.88 lbs.	Full set of samples (24)



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Dye-N-Seal Color System will extend resistance to color fading or dissipating, due to variables in application, maintenance, and the concrete itself, appearance may change over time.

Application

Testing: Prior to starting project apply Ameripolish® Dye-N-Seal Pro to sample area of each type of concrete to be treated, using application procedures proposed for project. Confirm that concrete is receptive to dye or dye/densifier combination and that color is acceptable.

Project Conditions: Ambient temperature during application should be 40-100°F (4-38°C).

For Dye-N-Seal System Equipment: Spray apply Ameripolish® Dye-N-Seal Pro using low pressure sprayer with Patriot Gray #8 or similar conical mist tip with 8.4 gal/hr flow at 40 psi. (31.8 L/hr at 275.8 kPa), microfiber pad.

1. No curing or sealing agents may be present prior to applying dye. Curing and sealing agents must be removed in order for dye to penetrate the concrete. Concrete must be clean and dry before applying dye.
2. Spray Ameripolish® Dye-N-Seal Pro to lightly wet surface without creating puddles. Apply in a consistent, overlapping circular motion, holding the wand approximately 12-18 inches above the surface. Dye will absorb into concrete more quickly in some places than others. This is normal and does NOT indicate that extra dye is needed.
3. For Ameripolish® ColorSolve™ mixtures, immediately upon completion of application, run clear Ameripolish® ColorSolve™ through the pump and wand, followed by clean water. This is recommended between color changes and prior to storing the sprayer between jobs.
4. Allow surface to dry.
5. Remove dye residue with an auto-scrubber fitted with a white pad and water. Perform white-rag test to assure that residue is removed. Wipe a dry white rag across the floor. A light tinge of residual color on the rag is acceptable, but any strong color indicates that excessive dye must still be removed. Residual dye left on surface will load

Absorption-resistance of densified surface continues to develop over 7 days. However, concrete, even after becoming densified and polished, is still a porous substrate. Densifiers can take 2-6

months to attain full densification.

Dye-N-Seal Pro penetrates concrete surfaces and reacts with the concrete to form chemical bonds between the colorant and the concrete matrix.

Next Steps

Apply 3D SP Stain Protector or SR² Penetrating Sealer following manufacturer's instructions to complete protection and enhance appearance. 3D SP Stain Protector or SR² Penetrating Sealer is strongly recommended for all colored concrete to protect color from staining or acidic etching agents, as well as minimizing color loss through diffusion or dispersion. Chemical resistance gains strength over time. Avoid chemical exposure for first 7 days.

Cleanup

Remove dust and debris with microfiber pad or dry mop. Buff dry with high speed burnisher to enhance sheen.

Spills of staining agents or acidic etching agents including acidic food substances (e.g. vinegar, pickle juice) should be cleaned up immediately to minimize damage to surface.

Surface should be cleaned regularly using an auto-scrubber with Ameripolish® Rejuvenating Cleaner mixed with water according to manufacturer's directions.

Ameripolish® Rejuvenating Cleaner is a pH neutral formula that will not damage concrete and replenishes the Stain Protector application to maintain liquid and chemical resistance. DO NOT use with acidic cleansers. Auto-scrubber should be fitted with non-aggressive cleaning tools such as brushes. Do not perform regular maintenance with aggressive pads such as diamond-impregnated pads or other abrasives. Use of aggressive pads will wear away stain protection and may, in time, wear away color from concrete surface.

Renew 3D SP Stain Protector or SR² Penetrating Sealer application every two years or more often depending on wear and usage conditions.

Storage

- Store upright in safe dry place at 40-105F° (4 -41C°)
- Keep product from freezing
- Keep out of reach of children

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- Seal container after use
- Do not mix with other chemicals

VOC Compliance

In addition, Ameripolish® Dye-N-Seal Pro offers VOC compliance with low VOC at 0g/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.

Warning & Safety Information

KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY. BEFORE USING THIS PRODUCT PLEASE READ THE SAFETY DATA SHEET IN ITS ENTIRETY! Safety Data Sheets (SDS) can be found online at www.ameripolish.com or upon request by contacting Ameripolish at 1-800-592-9320.

People, property, vehicles, animals, plants, and all surfaces not intended to be dyed should be protected from the product, splash, overspray, and wind drift, using polyethylene sheeting or other proven protective material. If design requires discreet area of color, mask adjoining areas, lining color edges with painter's blue tape or similar adhesive masking material. Surfaces, animals, or clothing contacted by dye may be permanently colored.

SURFACES MUST BE CLEAN AND DRY BEFORE APPLICATION OF THE DYE. NEW SLABS MUST HAVE CURED 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 of 5 lbs per 1,000 square foot or less show best performance (calcium chloride test per ASTM F1869.) High moisture levels may affect performance of color. Do not apply if concrete is frozen, dirty, or has standing water. Test surface absorbency with a light water spray – concrete surface should wet uniformly. If concrete does not wet uniformly, remove any surface contaminants with appropriate cleaning treatment or mechanical process.

Surfaces should be clean, structurally sound, and free of all foreign materials including sealants, adhesives, bond breakers, curing compounds, curing agents, surface grease and oil, and

construction debris.

Ground or sanded surfaces should be vacuumed thoroughly. Acid-stained concrete should be neutralized and rinsed before application of dye.

Warranty

The information contained herein is believed to be reliable. This information is based on laboratory testing and results. Because of variations in methods, conditions and equipment, each user must test this product to make a judgment of performance. Applicator is responsible for testing material for effectiveness and performance. Manufacturer obligation is limited to the refund of purchase price or replacement of material if proven to be defective. 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.