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3D SP

Stain Protector

Product Description

Ameripolish® 3D SP™ is a breathable semi-penetrating/semi-topical sealer that helps to protect surfaces against stains and etching. 3D SP™ creates a water-resistant barrier that prevents liquids from infiltrating the surface, protecting against staining and color dispersion.

Features

- Ameripolish® 3D SP™ is a semi-penetrating stain protector specifically formulated to protect polished, dyed concrete from oil and water-based stains and acidic etching agents
- Bonds with the other Ameripolish® components to protect color in slab
- RTU = Ready to use
- UV stabilizers help protect against fading
- Creates water resistant barrier to prevent staining, etching, and protect color
- 3D SP™ is a color enhancer for polished concrete floors with dye
- Contains 3D densifier properties to aid in hardening and dust proofing
- Provides “window of opportunity” to clean up spills before they stain or etch surface
- Low-odor, non-flammable, VOC compliant (<5g/L)

Uses

Ameripolish® 3D SP™ is ideal to be used on:

- New or existing polished concrete

Dilution & Coverage

Ameripolish® 3D SP™ is shipped Ready to Use (RTU). On polished concrete floors, 3D SP™ will cover approximately 2000-2500 sf/gal (49-60 m2/L) for each application, depending on the porosity of the concrete. Test areas to determine appropriate application procedure and adjust application rate.

Product Specification

Application:	Spray and Ameripolish® Microfiber Pad
Appearance:	Milky liquid
VOC:	Compliant (5g/l)
Shelf life:	1 year
Solvent:	Water-based

Packaging Specification

Product #	Shipping Wt.	Container
3DSP-1	10 lbs.	1 gallon RTU
3DSP-5	50 lbs.	5 gallons RTU
3DSP-30	300 lbs.	30 gallons RTU
3DSP-55	550 lbs.	55 gallons RTU
3DSP-250	2,500 lbs.	250 gallons RTU



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Preparation

In most cases, 3D SP™ will extend protection against color fading or dissipating, due to variables in application, maintenance, and the concrete itself. Complete all grinding, coloring, densification, and polishing before applying. Thoroughly clean the surface that 3D SP™ is to be applied to, removing all oil, dirt, laitance, and other contaminants. Vacuum and clean surface with auto-scrubber and fresh water. Allow to dry thoroughly. New concrete should cure for 28 days.

Application

Testing: Prior to starting project, apply Ameripolish® 3D SP™ to sample area of each type of concrete to be treated, using applications procedures proposed for project. Confirm that concrete is receptive to 3D SP™.

Project Conditions: Ambient temperature during application should be 40-90°F (4-32°C).

Equipment: Apply 3D SP™ using a low pressure sprayer fitted with Green #4 conical mist tip with 4.2 gal/hr flow at 40 psi (15.9 L/hr at 275.8 kPa) and Ameripolish® Microfiber pad.

Application: 3D SP™ provides the best protection when applied in two light applications.

1. Submerge Ameripolish® microfiber mop in 3D SP™ to wet thoroughly. Ring out excess material. Spray a light mist of 3D SP™ onto concrete surface, and immediately spread evenly with Ameripolish® microfiber mop. Apply enough material to attain 100% coverage, without dry streaking or puddling.
2. Once dry to a tack-free state, high-speed burnish fitted with 3000 grit or higher pad.
3. Apply the second coat using same spray and spread method and allow to dry.
4. Once dry to a tack-free state, high-speed burnish fitted with 3000 grit or higher pad.
5. Chemical resistance gains strength over time. Avoid exposure to etching agents for 7 days if possible.

Application (cont'd)

6. Areas that will be exposed to excessive, ongoing spills may benefit from a third application of 3D SP™ before burnishing. If additional applications are desired, check that work surface is tack-free before proceeding.

Next Steps

Floor is ready for light foot traffic when 3D SP™ is tack-free; ready for equipment traffic within 24 hours. 3D SP™ cures fully within seven days. However, concrete, even after becoming densified and polished, is still a porous substrate. Densifiers can take up to 2 weeks to attain full densification.

Cleanup

Clean tools and equipment immediately with water. Always remove rundown and spills immediately.

Storage

- Store upright in safe dry place at 40-110F° (4 -43C°)
- Keep product from freezing
- Keep out of reach of children
- Seal container after use
- Do not mix with other chemicals

VOC Compliance

In addition, Ameripolish® 3D SP™ offers VOC compliance with low VOC at 5g/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.

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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.

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.