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3D HSL
Hybrid Silicate Densifier (Low Solids)

MADE IN THE USA

Product Description

Ameripolish® 3D Hybrid Silicate Densifier HSL is formulated with 3 different size molecule silicates to penetrate even the most difficult, tight floor cap to provide strength at multiple levels of the slab. 3D HSL improves surface performance and resists the harmful effects of traffic wear and weathering by improving the abrasion resistance for new or aged concrete. 3D HSL is ideal for use on exposed and polished concrete, as well as integrally colored cements.

Features

- Ideal for new construction, existing concrete, and diamond pad burnishing-only specs
- Hardens deep within the slab to improve durability even after grinding
- Contains UV stabilizers to help protect color from fading
- Enhances polished color, gloss, and clarity
- Contains stain-resistant chemicals to help prevent penetration of stains
- Minimizes dust for healthier indoor air quality
- Provides superior stain resistance, especially when combined with SR2™ Sealer
- Odorless, non-flammable, VOC Compliant
- Helps reduce efflorescence and alkali silica reaction (ASR)

Uses

Ameripolish® 3D HSL can be used by itself or with Ameripolish® dyes and stain protectors.

- Harden concrete surfaces
- Prepares surface for high gloss diamond polishing
- Locks in dyes for longer lasting color
- Improves resistance to staining
- Improves scratch resistance
- Extends Ameripolish® SR2™ coverage rates

Dilution & Coverage

Ameripolish® 3D HS is shipped Ready to Use (RTU) product and should not be mixed with any other product.

Application (Polished Concrete Method)

Product Specification

Application:	Spray and Ameripolish® Microfiber Pad
Appearance:	Slightly Milky liquid
VOC:	Compliant (0=g/L)
Shelf life:	1 year
Solvent:	Water-based

Packaging Specification

Product #	Shipping Wt.	Container
3DHSL-5	48 lbs.	5 gallons RTU
3DHSL-30	291 lbs.	30 gallons RTU
3DHSL-55	531 lbs.	55 gallons RTU
3DHSL-250	2,445 lbs.	250 gallons RTU

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1. Perform main grind using up to 200-grit resin or equivalent resin bond diamond.
2. Remove all dust and debris using an automatic floor scrubber and fresh water. Allow time to dry.
3. Spray 3D HSL with overlapping circular motion. Lightly use pad applicator fitted with Ameripolish® Microfiber Pad to spread evenly on surface. Product does not need vigorous scrubbing-in and will not form a gel. As product is absorbed into surface, apply additional product as needed until floor starts to reject the product. Keep floor wet for 15 minutes, spreading with mop to avoid puddles. Allow time to dry.
4. Grind up to a 400-resin bond diamond or equivalent.
5. Apply additional light application (optional) using Ameripolish® Microfiber Pad.
6. Clean tools and equipment with fresh water before product dries. Overspray and unprotected surfaces should be immediately washed off with fresh water. Allow time to dry.
7. Polish to the desired grit level.
8. Apply Ameripolish® SR²™ or 3D SP™ following manufacturer's instructions to complete protection and enhance appearance.
9. Surface should be cleaned regularly using an automatic floor scrubber with Ameripolish® Rejuvenating Cleaner Concentrate, mixed with water according to manufacturer's directions.

Application (High Speed Burnisher Method)
1. Auto scrub with clean water
2. Apply first application of densifier while maintaining wet edge.
3. Spread evenly with Ameripolish® Microfiber Pad and allow time to dry.
4. High speed burnish with an 800-grit diamond impregnated pad.
5. Apply second application of densifier.
6. High speed burnish with a 1500-grit diamond impregnated pad.
7. Apply Ameripolish® SR²™ or 3D SP™ following manufacturer's instructions to complete protection and enhance appearance.

Application (High Speed Burnisher Method) (cont'd)
8. Surface should be cleaned regularly using an automatic floor scrubber with Ameripolish® Rejuvenating Cleaner, mixed with water according to manufacturer's directions.

Cleanup
Ameripolish® 3D HSL washes up quickly with soap and water.

Storage
- Store upright in safe dry place at 40-100F° (4 -38C°)
- 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 HSL offers VOC compliance with low VOC at 0 g/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.

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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.