

Category > Strengthen

2D PL

Fast-Setting Densifier

Product Description

Ameripolish® 2D PL is a multi-silicate blend designed for extremely porous concrete. Its fast-setting formula keeps the densifier near the surface, hardening the wearable layer effectively. Ideal for open or porous concrete, it enhances stain resistance when paired with Ameripolish® SR2 Stain Resistor.

Features

- Fast-Setting, optimized for porous concrete
- Suitable for new or existing concrete
- Multi-silicate formulation for varying densities of concrete
- Hardens the wearable surface of porous concrete
- Contains stain-resistant chemicals to minimize penetration of stains
- Reduces dust for healthier indoor air quality

Uses

Ameripolish® 2D PL is ideal to be used on:

- New or existing concrete surfaces
- Grinding and/or polishing projects
- Dust-proofing exposed concrete flooring

Dilution & Coverage

Ameripolish® 2D PL is a Ready to Use (RTU) product and should not be mixed with any other product.

Approximate Coverage is 300-500 sqft per gallon

Application (SmartFloor™ Refinement System)

1. Grind Surface: Perform initial grind with Ameripolish® GPR 00 or Ameripolish® GPR 0 or equivalent.
2. Clean: Remove dust/debris with an auto-scrubber and fresh water. Allow to dry.
3. Apply Densifier: Spray 2D PL in an overlapping circular motion. Spread evenly with an Ameripolish® Microfiber pad (no vigorous scrubbing needed). Add more product as absorbed until rejection begins. Keep wet for 15 minutes, avoiding puddles. Allow to dry.
4. Refine: Grind with Ameripolish® GPR 1, apply a light additional layer with a microfiber pad if desired, then proceed with Ameripolish® GPR 2 or equivalent.

Product Specification

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

Packaging Specification

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



Category > Strengthen

2D PL

Fast-Setting Densifier

5. Clean Tools: Rinse equipment with fresh water before product dries. Wash overspray off unprotected surfaces immediately.
6. Polish: Finish with Ameripolish® GPR 3 as the final step in the Ameripolish® GPR Pad System, then clean with an auto-scrubber and fresh water and allow to dry.
7. Protect: Apply Ameripolish® 3D SP / 3D SPE with SR2 per manufacturer instructions. Follow up by burnishing with the Ameripolish® G3 Pad.

Application (Polished Concrete Method)

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 2D PL with overlapping circular motion. Lightly use pad applicator fitted with Ameripolish® Microfiber pad to spread evenly on surface. Product does not need vigorous scrubbing 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® 3D SP and/or SR² 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 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 a 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® 3D SP and/or SR² following manufacturer's instructions to complete protection and enhance appearance
8. Surface should be cleaned regularly using an automatic floor scrubber with Ameripolish® Rejuvenating Cleaner according to manufacturer's directions

Cleanup

Ameripolish® 2D PL washes up quickly with soap and water.

Storage

- Store upright in safe dry place at 40-105F° (4 -41C°)
- 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® 2D PL 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