

## PP4-DENSIFIER: HYBRID SILICATE DENSIFIER

# TECHNICAL DATA SHEET

### DESCRIPTION

PP4-Densifier improves surface performance and resists the harmful effect of traffic wear and weathering. By having 3 different size molecule silicates this product fully penetrates varying densities of concrete regardless of region or hardness. This improves the abrasion resistance for new or aged concrete. PP4-Densifier for use on exposed and polished concrete, as well as cements with integral color.

### 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

- 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

PP4-Densifier is a ready to use (RTU) product and should not be mixed with any other product.

### TECHNICAL DATA

<b>APPLICATION</b>	Spray and Ameripolish® Microfiber Pad	
<b>APPEARANCE</b>	Milky liquid	
<b>PACKAGING SPECIFICATION</b>	<b>Shipping weight</b>	<b>Container</b>
<b>PP4-DENSIFIER-5</b>	48 lbs	5 gallons RTU
<b>PP4-DENSIFIER-30</b>	291 lbs	30 gallons RTU
<b>PP4-DENSIFIER-55</b>	531 lbs	55 gallons RTU
<b>PP4-DENSIFIER-250</b>	2445 lbs	250 gallons RTU
<b>SHELF LIFE</b>	2 years	
<b>SOLVENT</b>	Water-based	
<b>VOC</b>	Compliant (1g/l)	

## APPLICATION

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### POLISHED CONCRETE METHOD

1. Perform main grind using up to PP4 Tool#3
2. Remove all dust and debris using an automatic floor scrubber and fresh water. Allow time to dry.
3. Spray 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.
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 PP4-Guard following instructions to complete protection and enhance appearance.
9. Surface should be cleaned regularly using an automatic floor scrubber with PP4 Floor Cleaner Concentrate, mixed with water according to manufacturer's directions.

### 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 PP4-Guard following instructions to complete protection and enhance appearance.
8. Surface should be cleaned regularly using an automatic floor scrubber with PP4 Floor Cleaner, mixed with water according to manufacturer's directions.

## CLEANING

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PP4-Densifier washes up quickly with soap and water.

## STORAGE

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- Store upright in safe dry place at 40-105°F (4 -41°C)
- Keep product from freezing
- Keep out of reach of children
- Seal container after use
- Do not mix with other chemicals

## VOC COMPLIANCE

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PP4-Densifier offers VOC compliance with low VOC at 1 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.

## HEALTH AND SAFETY

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Keep out of reach of children. Do not take internally. Before using this product please read the safety data sheet in its entirety! *\*Consult the material safety data sheet for further information.\**

## IMPORTANT NOTICE

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All statements, recommendations and technical information contained in this document are accurate to the best knowledge of PurEpoxy. The data relates only to the specific material designated herein. It may not be valid if used in combination with any other materials. It is the users' responsibility to verify suitability of this information for their own particular use, and to test this product before use. PurEpoxy assumes no legal responsibility for use upon these data. PurEpoxy assumes no legal responsibility for any direct, indirect, consequential, economic, or any other damage except to replace the product or refund the purchase price as set out in the purchase agreement.