



PRAETORIAN  
Protective Finishes, LLC™

## PreFect Guard®

— CONCRETE DENSIFIER GUARD —  
DEFEND. PROTECT. SHIELD.

Praetorian's PreFect Guard RTU (Ready-to-Use) Densifier is a breakthrough in concrete and terrazzo protection. This unique formulation offers surface protection, densification, and food spill protection beyond other guard products in the market. PreFect Guard will enhance the surface shine with stain fighting performance. PreFect Guard can be applied over Praetorian's 3SC, T-1L, PowerDense or WareShield densifiers.

### PRIMARY APPLICATIONS

- Schools and Institutions
- Warehouses
- Grocery stores
- Retail stores
- Concrete terrazzo
- Decorative concrete

### FEATURES & BENEFITS

- Excellent stain resistance
- Excellent 'dusting' control
- Very low dust during polish
- Non-yellowing
- Very fast dry
- Superior scratch & scuff resistance
- Increases concrete and epoxy terrazzo hardness
- Suitable for interior and exterior environments
- Enhance appearance, including dyed concrete
- Does not contribute to Alkali Silica Reaction (ASR)
- Excellent 'repair' response

### PACKAGING

| Item Code    | Packaged as - Type | Gallons | Liters |
|--------------|--------------------|---------|--------|
| CF-2021/G    | 1 - Gallon - Round | 1       | 3.79   |
| CF2021/2G    | 2 - Gallon - Round | 2       | 7.57   |
| CF-2021/5G   | Plastic Pail       | 5       | 18.9   |
| CF-2021/55DR | Poly Drum          | 55      | 208.2  |

### TECHNICAL INFORMATION

|                |                                 |
|----------------|---------------------------------|
| Color          | Milky white                     |
| Odor           | Mild                            |
| WT/Gal         | 8.7-8.8 lbs                     |
| pH Range       | 11.2-11.4                       |
| Viscosity      | 12-13 seconds, Zahn 2           |
| Solids Content | 8-10%                           |
| VOC Content    | <50 g/l                         |
| Coverage       | 2000-3500 SF, on 800 grit grind |
| Coats/passes   | Two (2) applications            |
| Dry Time       | 5-10 minutes                    |
| Recoat Time    | 10-15 minutes                   |
| Polish Time    | 15-20 minutes after dry         |
| In-service     | Immediately after polish        |
| Full Cure      | 7-10 days                       |

### PERFORMANCE & RESISTANCE PROPERTIES

FULL CURE | ASTM D1308-20 | SPOT TEST- 60 MINUTES

|                             |      |
|-----------------------------|------|
| Water                       | Pass |
| Red Wine                    | Pass |
| Mustard                     | Pass |
| Ketchup                     | Pass |
| Pickle Juice                | Pass |
| Cola                        | Pass |
| Hand Sanitizer (Foam & Gel) | Pass |
| Isopropyl Alcohol           | Pass |
| Peroxide                    | Pass |
| Betadine                    | Pass |
| Bleach                      | Pass |
| Alkaline Cleaners.          | Pass |
| Citric Acid Solution .      | Pass |

All tests are open spot tests at 15,30, & 60 minute intervals

## PRECAUTIONS AND LIMITATIONS

- Two (2) applications recommended
- Consult SDS before use
- Use personal protection equipment (PPE)
- Not for use on green concrete
- Do not clean with acidic cleaners

## PREPARATION

The level of gloss achieved is dependent on the porosity of the substrate and amount of pre-application grinding, densification and polishing. Remove all coatings, sealers, curing compounds, bond breakers, dirt, grease, oil or any other containment from the concrete. If the concrete is acid stained, thoroughly rinse and neutralize. If mold, mildew or fungus is present, clean the surface with a solution of 1-part household bleach to 3-parts water.

### Epoxy Terrazzo Surface Preparation

1. Remove all previous floor finishes/coatings/guard products prior with Endeavor, LiftOff or U2O Remover. Follow application/use guides for the Praetorian removers.
2. Rinse with CLN-100 Multipurpose Cleaner to remove residue from the strip-out process, follow cleaning procedures in the CLN-100 product use guide.
3. Repair and/or fill major blemishes in the epoxy terrazzo.
4. Step-prep repair the epoxy terrazzo with appropriate pads and/or discs to remove any scratches and gouges. The final diamond polish should be between 400-800 grit when using PreFect Guard.

### Concrete Surfaces Preparation

1. Allow new concrete to cure 28 days before application of PreFect Guard.
2. Remove all surface contaminants or sealers from the surface. Use PreCept EcoLift Cleaner for oil related cleaning, followed by a CLN-100 Multipurpose Cleaner rinse at 1 to 4-parts water, followed by CLN-100 at 6 ounces per gallon rinse.
3. Grind the concrete to 80-200 grit to maximize the effective penetration of the densifier into the concrete. Note: Utilize Praetorian's PowerCut or concentrated PowerCut 31 during the cutting/grinding stage to reduce process time, achieve a smoother surface faster, and reduce labor costs.

## WARRANTY STATEMENT

The information on this document is based on the research by Praetorian Protective Finishes, LLC (PPF) and other industry experts and is believed to be accurate. No warranty of products can be made or implied by PPF due to variations in surfaces, project/building conditions, environmental conditions, and/or methods of applications used. PPF is unable to anticipate every possible variation encountered in the application of our products, nor anticipate every situation. PPF recommends purchasers and/or application personnel test products to determine the suitability of PPF products for its intended purpose. Praetorian Protective Finishes, LLC warrants this product to be free from manufacturing defects.

## APPLICATION

1. Allow the surface to completely dry before application of PreFect Guard.
2. Dust floor before applications using a clean damp microfiber flat mop. Make two passes in opposite directions.
3. Stir or gently rock the container prior to use.
4. Dampen a clean microfiber flat mop applicator with clean water. Wring out excess water. This will be used to spread PreFect Guard on the floor.
5. Using a low-pressure garden-type sprayer, pour or spray a light manageable amount of PreFect Guard uniformly on the surface.
6. Immediately after application, spread the PreFect Guard very thin and evenly across the surface using moderate head pressure. Do not leave any 'pooling' areas. Note: At an 800-grit pre-application polish, the spread application rate of approximately 2000-3000 SF per gallon per coat.
7. Allow 10-20 minutes of dry time before second coat/application. Allow extra dry time if needed. Note: two thin applications are superior to one heavy application.
8. Burnishing between each application is optional. Note: Use a high speed burnisher with a 1500-grit diamond pad or hog-hair pad to drive the gloss higher.
9. After the final application of PreFect Guard is dry, it is optional to high speed burnish to increase the depth of image and shine of the floor. Stair step the process, starting at a 1500-grit and ending at up to a 8000-grit diamond pad. This process will also help the PreFect Guard speed cure.
10. Depending on ambient and substrate temperature, allow 48-72 hours of cure time for maximum strength, durability, and stain resistance.
11. Clean equipment thoroughly with cold water to flush and rinse. Repeat if needed.

### Maintenance

Daily clean with CLN-100 Multipurpose Cleaner, diluted to 4oz to one gallon of water. PreFect Guard can be spot applied and polished for repair of damaged areas. DO NOT use acidic cleaners. Refresh surface occasionally with 3000+ diamond pad.

## SAFETY INFORMATION

Hazardous Ingredients: Silicic acid, lithium salt: 12627-14-4 | Product Classification: Mixture | Hazard Category 3 | Signal Word: WARNING | Symbol: None | Hazard Statement(s): Causes eye irritation. Causes mild skin irritation. | Precautionary Statement(s): Keep out of reach of children. Wear protective gloves/eye protection. Wash hands thoroughly after handling. IF SWALLOWED, Rinse mouth. Do NOT induce vomiting. If skin irritation occurs, rinse skin with water/shower. If experiencing respiratory symptoms, remove person to fresh air and keep comfortable for breathing. IF IN EYES, Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. For Institutional use only. Not for retail sale or application. Keep out of reach of children. Keep from freezing. Store at room temperature. Shelf-life eighteen (18) months in original container, unopened. For Emergency call Infotrac 800-535-5053 | DOT Not Regulated | VOC's—less than 50g/l. Consult SDS before use.