



Praesidio Guard[®]

— CONCRETE DENSIFIER GUARD —
DEFEND. PROTECT. SHIELD.

Praetorian's Praesidio Guard is a breakthrough in concrete and terrazzo densifier technology. Praesidio Guard offers surface protection and densification that is unsurpassed in the industry. Praesidio Guard provides hand sanitizer, chemical, and food stain resistance; refer to the table for red wine, mustard, and vinegar resistance. Praesidio Guard provides maximum protection with only two (2) thin applications followed by a high-speed polish. Praesidio Guard will enhance the surface shine with superior stain fighting performance. Praesidio Guard can be applied over Praetorian's 3SC, T-1L and PowerDense or WareShield densifiers.

PRIMARY APPLICATIONS

- Decorative concrete protection
- Protective barrier over all Praetorian densifiers
- Institutional, retail, restaurants, stadiums and grocery floors.
- Slab concrete and terrazzo (epoxy or concrete)

FEATURES & BENEFITS

- Ready-to-Use (RTU) or reduce 1 to 1 with water
- Superior stain resistance
- Excellent 'dusting' control
- Very low dusting during polish
- Non-yellowing
- Very fast dry
- Superior scratch & mar resistance
- Increases concrete and terrazzo protection
- Suitable for interior and exterior environments
- Enhances surface appearance, including dyed concrete
- Does not contribute to Alkali Silica Reaction (ASR)
- Repairable with 3000+ grit diamond high-speed burnish

PACKAGING

Item Code	Type	Gallons ea	Liters
CF-2016 GAL	Gallon Round	1	3.79
CF-2016 2GAL	Gallon Round	2	7.57
CF-2016 5G	Plastic Pail	5	18.9
CF-2016 DRUM	Poly Drum	55	208.20
CF-2016 TOTE	IBC Tote	275	1041.0

PRAETORIAN

Protective Finishes, LLC[™]

TECHNICAL INFORMATION

Color	Milky White
Odor	Mild
WT/Gal	9.1-9.2 lbs.
pH Range	11.2 - 11.4
VOC Content	<50 g/l
Coverage/Gal	2000-3500 SF per coat, at 800 grit polish
Coats/passes	Two (2) applications
Solids Content	16-18%
Dry Time	5-10 minutes
Full Cure	7-10 days
Recoat Time	10-15 minutes
Polish/Burnish	15-20 minutes after dry
Wheel Traffic - Light	Immediately after polish

PERFORMANCE & RESISTANCE PROPERTIES

FULL CURE | ASTM D1308-20 | SPOT TEST – 60 MINUTES AFTER RECOVERY

Hand Sanitizer (foam & gel)	Full recovery
Red Wine	No effect
Mustard	No effect
White Vinegar	No effect
Ketchup	No effect
Apple Cider Vinegar.....	No effect
Pickle Juice	No effect
Coffee (espresso) ..	No effect
Tea	No effect
Beer	No effect
Gatorade® (Red)	No effect
Coca Cola®	No effect
Vegetable Oil	No effect
Snow Removal Salt Solution	No Effect
Citric Acid Solution	No effect
Isopropyl Alcohol	No effect
Betadine	No effect
Citrus Cleaner Concentrate*	Minor haze / polish / recovered
Amine Based Cleaner*	No effect
Bleach*	Minor haze / polish / recovered
Quaternary Disinfectant*	Minor haze / polish / recovered

* Undiluted

PRECAUTIONS/LIMITATIONS

- Two (2) applications recommended
- Consult SDS before use
- Use personal protection equipment (PPE)
- Not for use on green concrete
- Not for use 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. Use PreCept EcoLift Cleaner for oil related cleaning, followed by a CLN-100 rinse at 1 to 4-parts water, followed by CLN-100. 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 scratches and/or gouges. The final diamond polish should be between 400-800 grit when using Praesidio Guard.
5. For highly polished floors (over 800 grit), it is recommended to reduce Praesidio Guard 1 to 1 with water.

CONCRETE SURFACES PREPARATION

1. Allow new concrete to cure 28 days before application of Guard Densifiers
2. Remove all surface contaminants or sealers from the surface.
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.

SAFETY & HANDLING INFORMATION

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 50 g/l. Consult SDS before use.

APPLICATION

1. Allow the surface to completely dry before application of Praesidio Guard.
2. Dust floor before application, 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 later to spread the Praesidio Guard on the floor.
5. Using a low-pressure garden-type sprayer, pour or spray a light manageable amount of Praesidio Guard uniformly on the surface.
6. Immediately after application, spread the Praesidio Guard very thin and evenly across the surface, with the dampened microfiber mop, using moderate head pressure. Do not leave any 'pooling' areas. 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 Praesidio 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 Praesidio 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, flush, and rinse. Repeat if needed.

MAINTENANCE

Daily clean with CLN-100 Multipurpose Cleaner, diluted to 4oz to one gallon of water. Praesidio Guard can be spot applied and polished for repair of damaged areas. DO NOT use acidic cleaners.

WARRANTY STATEMENT

The information on this document is based on 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.