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GlazeGuard Plus

High performance anti-slip UV resistant polyurethane coating

Product Description

GlazeGuard Plus® is a two component, highly durable water clear sealer with high traction anti-slip properties. The product is odorless and has high non yellowing UV stability. GlazeGuard Plus has excellent resistant to motor oil, brake fluid, solvents and a wide range of other chemicals. The product can be applied interior or exterior over many surfaces including concrete, epoxy, wood flooring, ceramic, porcelain tile, brick pavers, VCT and rubber.

Features

- High Traction Anti-slip Surface
- Primerless
- Odorless
- Color and UV stable
- Easy to apply
- Chemical resistant
- Waterproof
- Excellent abrasion resistant
- Clear Gloss or Satin sheen

Main Uses

- Concrete
- Pavers
- Wood floors
- Stone and tile
- Counter tops
- VCT and Rubber
- Metal work
- Terrazzo
- Topcoat to epoxy

Color

Clear Gloss, or Satin Sheen

Coverage

Approximately 500ft²/gallon (12 m²/liter) per coat depending on the density and porosity of the substrate.

Packaging

32 fl.oz (0.95L) 1 gal (3.8L) and 4 gal(15.2L) kits.

Shelf Life

12 months when stored at 77°F (25°C) or less in a dry and shaded area. Protect from freezing.

Chemical Resistance

Test Method ASTM D1308 (Covered Spot Test)

Reagent	Rating
Hydrochloric Acid 10%	No effect
Sodium Hydroxide 50%	No effect
Skydrol	No effect
Brake Fluid	No effect
Gasoline	No effect
Bleach 10%	No effect
Sulfuric Acid	No effect

Contact CoverTec for specific advice on chemicals not shown above.

Test Data

Solids by weight	48%
VOC	<50 g/L
Accelerated QUV Bulb A ASTM 6695C1 2500 hrs	Delta E Change: None Delta A Gloss Retention: No Change
Impact resistance ASTM D2794	Direct: 80in-lbs Indirect: 140 in-lbs
Pencil Hardness ASTM D3363	Gouge: 4H Scratch: H
Abrasion resistance ASTM4060-90 CS17 1,000 cycles)	33 mg loss
Thermal shock ASTM D2246 16 Cycles	Pass
Adhesion ASTM D4541	350 psi (2.4 MPa)
Wet DCOF ANSI B101.3 with CoverGrip Fine	0.42 High Slip Resistance*

Application Properties

Application temperature	50 to 100°F (10 to 38°C)
Service temperature	40 to 120°F (4.4 to 40°C)
Pot life	1.5 hours at 75°F (24°C) and 50% RH
Drying time	6 -8 hours at 77°F (25°C)
Foot traffic	8 hours at 77°F (25°C)
Recoat window	12 hours at 77°F (25°C)

* Slip ratings are surface dependent. Always test before application

GlazeGuard Plus

Surface Preparation: All surfaces to be coated must be clean and free of moisture, efflorescence, dirt, grease, oil, chalk, mildew and any other foreign matter. Existing substrates will require cleaning by pressure wash or mechanical grinding to remove accumulated dirt and salts.

Wet Conditions: For hard tile **areas subject to frequent wet conditions like shower rooms or outside areas prepare surface with PreTreat** (see separate datasheet) Rinse treated surface thoroughly with water and extract with a wet vac. Repeat as needed Let the floor and grout dry.

Existing Coatings: Before attempting to apply **GlazeGuard Plus** over existing coatings, sand the surface, vacuum thoroughly and wipe clean with water damp cloth. The surface needs to be dull clean and dry before top coating. Check for adhesion and compatibility by coating a small test area.

Test Area: Slip ratings are surface dependent. Always prepare test sample and verify slip resistance before full application.

Mixing Instructions: Mix Ratio 3A:1B
Stir Part A separately for 1 minute until it is smooth and uniform color and consistency. Add Part B side to the Part A and slowly mix for another 2 minutes. **Allow product to stand for 5 minutes.** After 5 minutes' induction time the product is ready to use.

Working Time: This product has a 60-minute pot life. Only mix enough material that can be used in 60 minutes. Change out roller after 60 minutes of use.

Application: Pour the mixed material into a roller tray. Do not dip from a narrow container. **For best results use a high quality 3/8 nap microfiber non-shed roller.** Use a 4" or 6" wide roller or brush for the edges. **Apply the product in a thin coat.** GlazeGuard Plus is not designed to be applied as a thick coat. Apply even light pressure to spread out the product. Overlap and maintain wet edge (white). Back roll to remove any roller lines.

With each dip of the roller remix sealer and aggregate by "sloshing" sealer in the paint tray to keep all ingredients in suspension.

Do not allow GlazeGuard Plus sealer to puddle in the grout joints.

Make sure the room is well lit. This will help avoid missed spots when applying a clear sealer.

Drying: The dry time for GlazeGuard Plus is approx. 10 to 12 hours, depending on the thickness of the application, the temperature and the relative humidity.

Recoating: A single coat is usually sufficient for GlazeGuard®. If you need a second coat, then sand 1st coat to a dull finish using 220 grit paper. Clean up with rubbing alcohol and cloth to remove the dust. Allow to dry and apply GlazeGuard Plus.

Clean Up: Clean all equipment with water immediately after use. Once cured, the product will require sanding or chemical removal using PowerStrip.

Limitations: Do not apply if surface temperature is below 50°F (10°C), above 100°F (38°C) or within 5°F (3°C) of the dew point.

Do not use on Polished Tile Surfaces.

Do not apply in a thick coat. Foaming will occur.

Do not apply in rain or on ponded water conditions, Avoid skin contact.

Do not discard into the water system.

Do not add paint thinners, solvents, or admixtures.

Health and Safety: Before using this product consult the Safety Data Sheet (SDS). The SDS can be obtained at www.covertecproducts.com

Limited Warranty

CoverTec Products LLC warrants that this product complies with the properties shown on its current datasheet (provided surface preparation and cleaning procedures are followed and no contaminants are present). In the unlikely event that the product supplied is proved not to comply with these properties, then we will replace the non-compliant product or refund the purchase price. Any suspected defect must be reported to CoverTec in writing within five working days of being detected. CoverTec Products LLC. **makes no warranty as to the merchantability or fitness for a particular purpose and this warranty is in lieu of all other warranties express or implied.** Neither the seller nor the manufacturer shall be liable for any injury, loss or damage direct or consequential, arising out of the use or the inability to use the product. Before using, user shall determine the suitability of the product for the intended use, and the user assumes all risk and liability whatsoever in connection therewith. No statement or recommendation not contained herein shall have any force or effect unless in an agreement signed by seller and manufacturer. Buyer assumes all risks and responsibility associated with disposal. CoverTec cannot eliminate all possibilities of slip-and-fall accidents.