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# GlazeGuard®

Ultra Durable Clear Sealer for Ceramic, Porcelain and Stone Tile

## Product Description

GlazeGuard® is a two component, highly durable water clear sealer with extra adhesion properties. GlazeGuard® has been specially developed for sealing Ceramic, Porcelain and Stone tile. The product is UV stable and is resistant to abrasion and a wide range of chemicals. GlazeGuard® is available in high gloss, satin and matte finishes. CoverGrip slip resistant additive can also be mixed in for additional slip resistance.

## Advantages

- Bonds to Ceramic and Porcelain
- Reduces floor care costs
- Maintains gloss
- UV stable
- Chemical resistant
- VOC compliant
- Excellent abrasion resistant

## Main Uses

- Bathrooms/ Restrooms
- Kitchens and Dining Areas
- Lobby and Hallways
- Stairs and Entrances
- Tile and Grout Surface
- Floors and walls
- Wood Look Porcelain
- Shower Floors and Walls
- Interior and Exterior

**Approved Surfaces:** Ceramic, Porcelain, Stone, Marble Concrete, Vinyl (VCT), Wood, Epoxy and Urethane.

## Color

Clear, high gloss, or satin finish. Solid colors available on request, subject to minimum quantities.

## Theoretical Coverage

Approximately 500ft<sup>2</sup>/gallon (12.2m<sup>2</sup>/liter) depending on the size density and porosity of the grout joints.

## 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 Protect from freezing.

## Chemical Resistance

Test Method ASTM D1308 (Covered Spot Test)

Reagent	Rating
Isopropyl Alcohol 99%	No effect
Sodium Hydroxide 50%	No effect
Vinegar	No effect
Urine	No effect
Acetone	No effect
Bleach 10%	No effect
Red Wine	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 UltraFine	0.68 High Slip Resistance

## Application Properties

Mix Ratio	3A:1B
Application temperature	50 to 100°F (10 to 38°C)
Service temperature	40 to 120°F (4.4 to 40°C)
Pot life	60 minutes at 75°F (24°C) and 50% RH
Drying time	10 hours at 77°F (25°C)
Foot traffic	12 hours at 77°F (25°C)
Recoat window	10 -12 hours at 77°F (25°C)

**Surface Preparation:** The tile and grout must be thoroughly cleaned with an appropriate surface cleaner such as CoverClean **CT-50**. Apply CT-50 to the floor and scrub with a nylon grit brush. Flood the floor with water and extract with wet vac or mop.

For wet areas, such as shower floors and walls or for exterior applications treat surface with **PreTreat** (see separate data sheet). Rinse treated surface thoroughly with water and extract with a wet vac. Repeat as needed. The floor should have a neutral pH at application. **Let the floor and grout dry. Use a microfiber mop to pick up all dust and dirt**

**GlazeGuard will darken standard grout.** If desired, the grout can be colored first using Grout Colorant. Wait until the colorant is dry, usually a minimum of three hours before applying the GlazeGuard®.

**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 add the Reducer (4.0 fl.oz/ gal). The Reducer helps level the sealer and should be mixed in slowly. Once the Reducer is added, the product is ready to use.

**Slip Resistance: CoverGrip** anti-slip additive can be added for additional slip resistance. Slowly mix in 7oz pack of CoverGrip per 1 gal of mixed material.

**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. Periodically remix any sealer that has sat for more than 10 mins to keep all ingredients in suspension.**

**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.

For large areas it is recommend that two people apply the product. One person cutting in the edges and corners and the other rolling out the main area. Work the sealer into the grout joints first, then roll excess onto the tile. **Do not allow GlazeGuard® 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.**

Do not roll too hard. Even light pressure is all that is needed. Overlap and maintain wet edge (white). Back roll to remove any roller lines.

**Drying**

The drying time for GlazeGuard® is approx. 12 hrs., depending on the thickness of the application, the temperature and the relative humidity in the room. Allow 48 hrs drying before exposure to water.

**Recoating**

A single coat is usually sufficient for GlazeGuard®. For shower floors or exterior application 2 coats are recommended. Apply 2<sup>nd</sup> as soon as possible after 1<sup>st</sup> coat has dried and within 24 hours. After 24hours sand 1<sup>st</sup> 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®.

**Clean Up**

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

**Limitations**

Do not apply at thicknesses above 10 mils (0.25mm) per coat.

Do not allow material to puddle in grout joints.

**Use all mixed product within 60 minutes.**

**Do not store mixed product in a closed container.**

Do not apply on wet substrates or, at temperatures below 50°F (10°C), above 98°F (37°C) or within 5°F (3°C) of the dew point.

Use PreTreat to clean tiles subject to wet conditions

Water based. Do not let this product freeze

Do not apply outside if rain is expected within 24 hours of application.

Avoid skin contact.

Use Chair slides or felts as protective bottoms as part of the system.

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

**Limited Warranty**

This product is warranted to be of good quality and that it complies with the properties shown in its current datasheet. CoverTec will replace or, at our election, refund the purchase price of the product if proven defective when used according to the instructions in the current datasheet. Any suspected defect must be reported to CoverTec in writing within one (1) year from the date of shipment. No claim will be considered without such written notice or after the specified time interval. 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 and explicitly excludes liability for consequential damages, down time, or delay.**