



201726012

# 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 additive is also available for additional slip resistance.

## Advantages

- Reduces floor care costs
- Maintains gloss
- UV stable
- Slip resistant
- 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, satin or matte 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

1 gallon (3.8 liter) and 4 gallon (15.2 liter) kits.

## 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)

## 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	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)

### Shelf Life

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

### Surface Preparation

The ceramic 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. Allow 10 to 15 minutes dwell time for the surface cleaner to breakdown dirt and deposits. Flood the floor 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. After the 2-minute mixing, add the Reducer (4.0 fl. oz/gal). The Reducer helps level the sealer and should be added while slowly mixing the product. Once the Reducer is mixed in, the product is ready to use.

**Use all mixed product within 90 minutes. Mixed product should NEVER be stored in a closed container.**

### Application

Pour the mixed material into a roller tray. **Do not dip from a narrow container.** Apply GlazeGuard® one gallon at a time. Use a non-shed 1/4 nap roller. Use a Hot Dog roller or brush for the edges. 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.**

The product is self-leveling so do not roll too hard. Use the weight of the roller to smooth out the sealer. Overlap and maintain wet edge (white). Change out roller after 60 minutes of use.

**For best results make sure the room is well lit. Use floor lights if necessary. This will help avoid missed spots when applying a clear sealer.**

### Curing

The curing time for GlazeGuard® is approx. 12 hours, depending on the thickness of the application, the temperature and the relative humidity in the room.

### Recoating

A single coat is usually sufficient for GlazeGuard®. If you need a second coat, then lightly sand the entire base-coat surface and clean with damp cloth to remove the dust. Allow to dry and apply Glaze Guard®.

### Clean Up

Clean all equipment with water immediately after use. Clean splatters or spills with CT-12 Thinner before material dries. Once cured, the product will require sanding or chemical removal using PowerStrip.

### Limitations

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

Do not roll product too hard.

Do not allow material to puddle in grout joints

**Use all mixed material within 90 minutes.**

**Mixed product should NEVER be stored 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.

Water based. Do not let this product freeze

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 Material Safety Data Sheet (MSDS). The MSDS 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.**