



201726011

GlazeGuard® Matte Finish

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. 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
- Ceramic and Porcelain
- Stone and Concrete

Color

Clear matte finish

Packaging

36 fl. oz (1.0L) 0.75 gallon (2.9L) and 3 gallon (11.4L) kits.

Theoretical Coverage

36 fl. oz kit covers approximately 140ft² (13m²)
0.75 gallon kit covers approximately 375ft² (35m²)
3.0 gallon kit covers approximately 1500ft² (359m²)
depending on the size density and porosity of the grout joints.

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) |

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 hours at 77°F (25°C) |
| Foot traffic | 12 hours at 77°F (25°C) |
| Recoat window | 6 -12 hours at 77°F (25°C) |

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 2A: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 (1.0 fl.oz/ quart). 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.

Drying

The drying time for GlazeGuard® Matte is approx 6 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 recoat GlazeGuard® as soon as the surface is tack free (within 6-12 hours of the first coat application). After 12 hours lightly sand the entire base-coat surface and clean with damp cloth to remove the dust. Allow to dry and apply GlazeGuard®.

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 tight.

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.

Fans should be used so that they circulate the air and remove moisture from the product.

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.

Do not discard into the water system.

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

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.**