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# CoverShield Tile Seal

Fast drying, durable, Sealer for Porcelain, Ceramic and Stone Tile

## Product Description

CoverShield Tile Seal is a fast drying easy to apply catalyzed sealer specially developed to adhere to porcelain and ceramic tile and other hard surfaces. Tile Seal is water based and non-yellowing with excellent scratch and stain resistance. Tile Seal enhances the beauty, color and pattern of any tile surface while leaving a desirable gloss, satin sheen or matte finish. Applied by flat mop the product will seal the tile and grout making for long lasting, easy maintenance of the surfaces. Use for interior commercial or residential applications. CoverGrip slip resistant additive can also be mixed in for additional slip resistance.

## Advantages

- Very Fast 30 minutes Dry time
- Bonds to Ceramic and Porcelain
- Easy to Mop On Application
- Simple Maintenance
- Eliminates floor stripping
- Reduces re -application
- Hard wearing and non-scuffing
- Odorless
- Maintains sheen
- UV stable Non-Yellowing

## Main Uses

- Bathrooms/ Restrooms
- Kitchens and Dining Areas
- Lobby and Hallways
- Stairs and Entrances
- Tile and Grout Surface
- Schools and Hospitals
- Wood Look Porcelain
- Natural Stone
- Laminate and Vinyl Floors
- Commercial and Residential

## Color/Finish

Dries water clear, Gloss Satin or Matte sheen. Higher gloss reflectivity when burnished.

## Approved Surfaces:

Ceramic and Porcelain Tile, Natural Stone, Vinyl, Laminate, Terrazzo, LVP, VCT, Engineered Wood, Concrete and Epoxy

## Packaging

1-quart (0.95 liter) 1-gal (3.8 liter) 5- gal (19 liter) Container.

## Coverage

1 gallon (3.8 liter) of **Tile Seal** will cover approximately 1500 sq. ft (37.0 m<sup>2</sup>/l) of surface per coat depending upon porosity of surface. A minimum of 2 coats is recommended.

## Shelf Life

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

## Test Data

<b>pH</b>	<b>11</b>
<b>VOC</b>	<50 g/L
<b>Adhesion ASTM D3359 Dry Tape</b>	5A
<b>Adhesion Wet Tape (24hr@70°F)</b>	5A
<b>Adhesion Wet Tape (100hr@70°F)</b>	5B
<b>Impact resistance ASTM D2794</b>	>160 in-lbs
<b>Hardness ASTM D3363 Pencil</b>	8H

## Application Properties

<b>Application temperature</b>	50 to 95°F (10 to 35°C)
<b>Service temperature</b>	40 to 120°F (4.4 to 40°C)
<b>Drying time</b>	30 to 45 mins at 75°F (24°C)
<b>Light foot traffic</b>	3 hours at 75°F (24°C)
<b>Heavy foot traffic</b>	8 hours at 75°F (24°C)
<b>Full Cure</b>	3 to 5 days at 75°F (24°C)

## Surface Preparation

### Hard Surfaces:

The tile and grout must be thoroughly cleaned with an appropriate surface cleaner such as CrystalClean (CT-50). Apply CrystalClean to the floor and scrub with a nylon grit brush. Flood the floor with water and extract with wet vac or mop. Let the floor and grout fully dry.

### Existing Floor Finish

If the existing floor finish is in poor condition Strip floor finish using FloorStrip HP

If the existing finish is in good condition, then use **Emerald** for Deep cleaning existing finish without stripping Dilute 2fl.oz per 1 gallon of cold water. Use a maroon or green pad (Scotch Brite pad) to deeply scrub the surface. If using an Auto scrubber, then an SPP pad is recommended. Scrub floor and pick up the solution in one pass or damp-mop thoroughly. Let it dry. Apply 2 coats of Tile Seal.

**Tile Seal 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 Tile Seal.

Tile surface must be dry before application.

**Use a microfiber mop to pick up all final dust and dirt before sealer application.**

**Mixing:** Stir **Part A** to make sure all contents evenly dispersed. Pour Part A into a mixing container and add **Part B Crosslinker** while mixing using a mixing drill and paddle. Mix slowly for 1 minute. **USE MATERIAL WITHIN 24 HOURS ONCE MIXED.**

**Application:** CoverShield Tile Seal may be applied via flat micro-fiber mop head, a T-Bar applicator, or 3/8<sup>th</sup> nap non shed roller

Lightly wet a clean microfiber pad with Tile Seal, leaving the pad damp. Apply Tile Seal to the floor or dip from a roller tray and spread with the damp microfiber pad. Maintain a thin, even coating and wet edge. Stop spreading once drying begins.

Apply 1<sup>st</sup> coat at a rate of 1500ft<sup>2</sup> per gallon. DO NOT OVER-APPLY. This product should be applied thinly and evenly. Allow the 1<sup>st</sup> coat to dry tack free usually 30 to 45 mins.

Apply 2<sup>nd</sup> coat a rate of 1500ft<sup>2</sup> per gallon and allow to dry for 3 hours before opening to light traffic. Two coats are usually sufficient, but applicator must determine the specific need. Three or four coats will increase the shine of the gloss finish. Tile Seal should be applied between 50 and 95°F.

**If higher sheen finish is desired, burnish after final application using a 3M Aqua burnishing pad.**

**Clean Up:** Clean all equipment with water immediately after use. Clean splatters or spills with water before material dries. Once cured, the product will require sanding or chemical removal using FloorStrip HP.

### Routine Maintenance

**Daily Clean:** Use **Emerald Floor Maintainer and Enzyme Cleaner** in mop bucket or auto scrubber. Dilute 2.0 Fl. oz per 1 gal cold water and use any time floors are moped or scrubbed. To remove deep set dirt, scuffs and heel marks use Neutral Emerald and red or white pad to auto scrub the surface.

Tile Seal responds to immediate follow-up buffing and burnishing with a 3M Aqua burnishing pad or similar.

**Topcoat:** Auto Scrub with Green Pad and Emerald (2.0 Fl.oz per gal of water) apply a thin topcoat of Tile Seal. Allow to dry and then buff or burnish using a 3M Aqua burnishing pad.

### Limitations:

Interior use only. Do not use Exterior.

Do not clean with products containing Butyl or D-leminie or strong acids or degreasers.

Do not clean or apply water to Tile Seal for 8 hours after application.

Do not apply on wet substrates or, at temperatures below 40°F (4°C), above 98°F (37°C) or within 5°F (3°C) of the dew point.

Avoid skin contact.

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

**Datasheet Validity:** Please check this datasheet on [www.covertecproducts.com](http://www.covertecproducts.com) to ensure you have the latest version of the datasheet.

**Health and Safety: Refer to the Safety Data Sheet (SDS) prior to the use of this product. The SDS can be obtained via [www.covertecproducts.com](http://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.**