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# Tile SlipShield

Fast drying, durable, slip resistant nano coating for Porcelain, Ceramic and Stone Tile

## Product Description

Tile SlipShield is a medium sheen, topical protective nano coating that creates a durable, slip resistant crystal-clear finish specifically designed to bond to the micro-pores of porcelain, ceramic and stone tile. SlipShield is self-leveling treatment that reacts with the tile surface to protect against spills and stains. It is slip resistant, non-yellowing and will not crack or peel. It also enhances the beauty, color and pattern of any tile surface while leaving a desirable medium sheen finish. Tile SlipShield will seal the tile and make for long lasting, easy, fast and effortless maintenance of the surfaces. Use for interior and exterior applications.

## Advantages

- Very Fast 5 to 15 minutes Dry time
- Simple Maintenance
- Slip resistant
- Eliminates floor stripping
- Reduces re-application
- Hard wearing and non-scuffing
- Odorless
- Reduces floor care costs
- Maintains sheen
- UV stable
- Non-yellowing

## Main Uses

- Bathrooms/ Restrooms
- Kitchens and Dining Areas
- Lobby and Hallways
- Stairs and Entrances
- Tile and Grout Surface
- Topcoat Epoxy and Urethane
- Floors and walls
- Wood Look Porcelain
- Natural Stone
- Interior and Exterior

## Color

Dries water clear, medium sheen  
Higher gloss reflectivity when burnished.

## Approved Surfaces:

Ceramic and Porcelain Tile, Natural Stone, Epoxy and Urethane

## Packaging

1-quart (0.95 liter) and 1-gallon (3.8 liter) Container.

## Coverage

1 Quart (32 FL. oz) of **Tile SlipShield** will cover approximately 800 to 1000 sq. ft (74.0 - 93.0 m<sup>2</sup>) of surface per coat depending upon porosity of surface. A minimum of 2 coats is recommended.

## Shelf Life

12 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 D4366</b>	> 150 Persoz, s

## 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>	10 to 15 mins at 75°F (24°C)
<b>Light foot traffic</b>	15 to 30 min at 75°F (24°C)
<b>Heavy foot traffic</b>	2 hours at 75°F (24°C)
<b>Exposure to water</b>	8 hours at 75°F (24°C)
<b>Wet DCOF ANSI B101.3</b>	0.60 High Slip Resistance*

\*Compliance value = 0.42 or higher. Tile SlipShield has high slip resistance when wet or dry.

## Surface Preparation

Strip any existing floor sealer using FloorStrip HP

**Hard Surfaces:** The tile and grout must be thoroughly cleaned with an appropriate surface cleaner such as **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. Let the floor and grout fully dry.

**Tile SlipShield 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 SlipShield.

Tile surface must be dry before application.

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

**Mixing:** Mix contents or shake the container for 1 minute to ensure even dispersion.

**Protect glass, fabric, metal or painted surfaces.**

**Application:** Lightly wet a clean microfiber pad with Tile SlipShield, leaving the pad damp. Spray-apply Tile SlipShield onto the floor and spread with the damp microfiber pad. Work in 24 sq. ft (4 x 6-foot sections) and maintain a very thin, even coating. Stop spreading once drying begins.

Apply Tile SlipShield at 800 to 1000 sq. ft. per quart per coat. Coverage will vary depending on the porosity of the floor.

Two or three thin coats of Tile SlipShield are recommended. Allow each coat to dry 10 to 15 minutes before applying the next coat. Do not overwork the product. Tile SlipShield should be applied thinly and evenly.

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

**Dry Time:** Light foot traffic is possible after 15 to 30 mins and heavy foot traffic is possible after 2 to 3 hours depending on the number of coats, the temperature and the relative humidity in the room. Raising the temperature in the room will speed up drying time.

#### **Routine Maintenance**

**Daily Clean:** Use **GlossClean** non butyl neutral cleaner in mop bucket or auto scrubber. Dilute 2.0 Fl. oz per 1 gal cold water and use any time floors are mopped or scrubbed. To remove deep set dirt, scuffs and heel marks use GlossClean and red or white pad to auto scrub the surface. **Exterior Applications:** Clean with **Emerald Floor Maintainer** at 2 to 4 oz per gal of water.

**Biweekly Clean:** Use **SurfaceRestore** nano fortified cleaner in mop bucket or auto scrubber. Dilute 10.0 Fl. oz per 1 gal cold water and use every 2 to 4 weeks.

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

**Topcoat:** Auto Scrub with Green Pad and GlossClean (2.0 Fl. oz per gal of water) apply a thin topcoat of Tile SlipShield. Allow to dry and then buff or burnish 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.

**Limitations:** Do not clean with products containing Butyl or D-liminie or strong acids or degreasers.

Do not apply thick. Thin coats approx. 1000 sq. ft per quart (32fl.oz)

Do not clean or apply water to Tile SlipShield 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.** 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.