



20171222

# CoverShield VS1

Fast drying highly durable clear gloss floor sealer for VCT and Terrazzo

## Product Description

CoverShield VS1 is a fast drying, 1 part, heavy duty floor sealer developed for Vinyl Composition Tile (VCT) and Terrazzo floors. VS1 is fortified with a low voc urethane dispersion to give it superior chemical and abrasion resistance. VS1 is water clear, non-yellowing, providing a high gloss finish that resists dirt embedment scuffing and black marks. The product is odorless and quick drying and can be installed with minimum downtime. VS1 can also be used to coat, natural stone, linoleum and concrete.

## Advantages

- Eliminates floor stripping
- Reduces re-application
- Hard wearing and non-scuffing
- Fast drying
- Odorless
- Reduces floor care costs
- Maintains gloss
- UV stable
- Slip resistant
- Alcohol and detergent resistant
- Non-yellowing
- Fortified with urethane dispersion

## Main Uses

- Vinyl Tile (VCT)
- Terrazzo (Epoxy and Cement)
- Natural Stone
- Concrete
- Linoleum
- Vinyl Plank

## Color

Dries water clear, high gloss.

## Theoretical Coverage

Approximately 1500 to 1800 ft<sup>2</sup>/gal (36.7 – 44.0 m<sup>2</sup>/liter) per coat. The actual cover will vary depending on the density and porosity of the substrate.

## Packaging

1 gallon (3.8 liter) and 5 gallon (19 liter) Container.

## 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>Gloss ASTM D523</b>	>95
<b>VOC</b>	<30 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
<b>Mandrel Bend ASTM D1737</b>	3.2 mm

## 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>	45 min to 1 hour at 75°F (24°C)
<b>Heavy foot traffic</b>	2 hours at 75°F (24°C)

## Surface Preparation

### Existing Surface

**Use SurfaceTreat for Deep cleaning existing finish without stripping** Dilute 8fl.oz per 1 gallon of cold water. Use a heavy-duty hair pad under a low speed machine or automatic scrubber to deeply cleanse the finish (will not strip finish). Clean up to 4 layers deep. Scrub floor and pick up the solution in one pass or damp-mop thoroughly. Let it dry. Apply 2 coats of VS1

### New Surface

Floor surface must be clean, dry and free of residue before VS1 is applied. **Use SurfaceTreat.** Dilute 2fl.oz per 1 gal cold water. Rinse with clean water if necessary. Use a microfiber mop to pick up all dust and dirt. Apply 3 to 4 coats of VS1.

**To repair high stress areas:** Such as in front of elevators, entrance ways and between check -out counters. Use **SurfaceTreat** undiluted in a quart spray bottle with a high speed burnisher and pad. Adjust trigger sprayer to a stream. Spray in front of the machine as you walk slowly forward in a straight line. 2 sprays every 2 steps. Walk back over the same area. Let surface dry. Apply 2 coats of VS1

#### **Broken down deteriorated floor finish**

Pre-sweep or dust mop all areas and remove gum, tar, glue, etc from the floor. **Apply FloorStrip HP** floor finish stripper. Extract and rinse away or wipe up the stripper residue. **The floor must be cleaned and rinsed thoroughly to ensure that it is pH neutral.**

Allow the floor to dry for 4 hours. Apply 4 coats of VS1

#### **Mixing**

Stir the container for 1 minute to make sure all contents evenly dispersed.

#### **Application**

CoverShield VS1 Sealer may be applied via T-Bar applicator or flat micro-fiber mop head,

Apply 1<sup>st</sup> coat at a rate of 1500 to 1800ft<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 completely dry usually 30 to 45 minutes depending on temperature and air flow. Apply 2<sup>nd</sup> coat a rate of 1500 to 1800ft<sup>2</sup> per gallon and allow to dry. Two coats are usually sufficient, over existing floor finish. Apply 3 to 4 coats on brand new floors or when floor has been completely stripped. VS1 should be applied between 50 and 95°F.

#### **Dry Time**

Light foot traffic is possible after 45 mins to 1 hour and heavy foot traffic is possible after 2 hours depending on the thickness of the application, the temperature and the relative humidity in the room. Raising the temperature in the room will speed up drying time.

#### **Routine Maintenance**

Use **SurfaceTreat** cleaner/protector to eliminate the need to strip CoverShield VS1. Removes deep set dirt, scuffs and heel marks, and at the same time deposits a non-yellowing, dust free anti-slip, mark resistant film that prolongs the life of the floor. Use SurfaceTreat 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. SurfaceTreat responds to immediate follow-up buffing and burnishing.

#### **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 use for exterior applications. Interior use only**  
Do not apply at thicknesses above 3 wet mils (0.075mm) per coat

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.

Do not discard into the water system.

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**

**Please refer to the Material Safety Data Sheet (MSDS) prior to the use of this product. The MSDS can be obtained via our website [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. 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.** CoverTec Products LLC shall not be liable for damages of any sort including remote or consequential damages, down time, or delay.