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VinylGuard

High performance clear gloss floor coating for VCT and Terrazzo

Product Description

VinylGuard is a two component, highly durable water clear floor coating. The product has high gloss and UV stability and is resistant to abrasion and a wide range of chemicals. The product is odorless and has been specifically developed to be applied to Vinyl Composition Tile (VCT) and Terrazzo floors. It can also be used to coat, rubber flooring, linoleum and concrete.

Advantages

- Eliminates floor stripping
- Reduces re -application
- Odorless
- Reduces floor care costs
- Maintains gloss
- UV stable
- Slip resistant
- Chemical resistant
- VOC compliant
- Excellent abrasion resistant

Main Uses

- Walkways, floors, stairs
- Hospitals
- Schools, Universities
- Office buildings
- Supermarkets

Color

Dries water clear, with high gloss or satin finish.

Theoretical Coverage

Approximately 500ft²/gallon (12.2m²/liter) per coat
The actual cover will vary depending on the density and porosity of the substrate.

Packaging

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

Approved Surfaces: VCT, Vinyl Plank, Sheet Vinyl, PVC, Luxury Vinyl, Linoleum, Marmoleum, Vinyl Asbestos Tile, Concrete, Wood, Terrazzo, Natural Stone, Epoxy and Urethane.

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 D3912 (splash and spill)

Reagent	Rating
Vinegar	No effect
Urine	No effect
Isopropyl Alcohol 99%	No effect
Acetone	No effect

Contact CoverTec for specific chemicals not shown.

Test Data

Solids by weight	48%
VOC	<50 g/L
Flexibility (Conical Bend) ASTM D522	32 % Elongation Resistance to cracking <1/8" diameter
Impact resistance ASTM D2794	20in-lbs
Pencil Hardness ASTM D3363	Gouge: 4H Scratch: H
Abrasion resistance ASTM4060-90 CS17 1,000 cycles)	15 mg loss
Thermal shock ASTM D2246 16 Cycles	Pass
Adhesion ASTM D4541	350 psi (2.4 MPa)
Wet DCOF ANSI B101.3 with CoverGrip UltraFine	0.68 High Slip Resistance

Application Properties

Application temperature	50 to 95°F (10 to 35°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	12 hours at 75°F (24°C)
Foot traffic	12 hours at 75°F (24°C)
Heavy Traffic	48 hours at 75°F (24°C)

Surface Preparation

All finish on New or Existing floors must be either stripped using **FloorStrip HP** or cleansed with **SurfaceTreat**.

Stripping floor finish: Apply **FloorStrip HP**. Allow time for the stripper to begin to breakdown oils and soiling. Scrub away the old wax, stains, and ground in soiling with the appropriate stripping pad or brush and scrubber. Extract and rinse away or wipe up the stripper residue. Allow the floor to dry for 4 hours. Circulate air during this drying process using a fan air blower. **The floor must be cleaned and rinsed thoroughly to ensure that it is pH neutral.** Allow the floor to dry.

If the floor is stripped, use **PrimeSeal** as a primer/sealer coat before application of the VinylGuard. This will help with self-leveling increase the overall durability of the system and allow for significant time savings during any future stripping process. Apply PrimeSeal, with a flat-mop, at a spread rate of 1200-1500 sq.ft/gal. Dry time is 20 to 30 minutes.

For deep scrubbing and cleaning without stripping: Add **SurfaceTreat** 8fl.oz to 1 gallon of water. Use a red scrub pad under a low speed machine or automatic scrubber to deeply cleanse the finish (will not strip finish). Cleans up to 4 layers deep. Scrub floor and pick up the solution in one pass or damp-mop thoroughly. Allow the floor to dry.

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. **Allow product to stand for 5 minutes.** After 5 minutes' induction time add the Reducer (4.0 fl.oz/ gal). The Reducer helps level the sealer and should be mixed in slowly. Once the Reducer is added, the product is ready to use. **Make sure the room is well lit. This will help avoid missed spots when applying a clear sealer.**

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

Slip Resistance: CoverGrip anti-slip additive can be added for additional slip resistance. Slowly mix in 7oz pack of CoverGrip per 1 gal of mixed material.

Application

Pour the mixed material into a roller tray. **Do not dip from a narrow container.** Apply no more than 2 gallons at a time. Do not mix new and old material in the same roller tray. **For best results use a non-shed 3/8" nap microfiber roller.** Use a 4" or 6" mini roller for the corners and edges. VinylGuard is self-leveling so do not roll too hard. Even light pressure is all that is needed. Overlap and maintain wet edge (white). Back roll to remove any roller lines

Change out roller after 60 minutes of use. Periodically remix any sealer that has sat for more than 10 mins to keep all ingredients in suspension

Dry Time

Approx. 12 hours, depending on application thickness, temperature and the relative humidity in the room.

Recoating

A single coat is usually sufficient for VinylGuard. If you need a second coat, then sand 1st coat to a dull finish using 220 grit paper. Clean up with rubbing alcohol and cloth to remove the dust. Allow to dry and apply VinylGuard.

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 CT-30.

Limitations

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

Do not roll product too hard.

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.

Do not let this product freeze.

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

Datasheet Validity

Please check this datasheet on www.covertecproducts.com to ensure you have the latest version of the datasheet.

Health and Safety

Please refer to the Safety Data Sheet (SDS) prior to the use of this product. The SDS can be obtained via our website 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.