

VinylGuard Satin

High performance clear satin finish floor coating for Vinyl and Rubber Flooring

Product Description

VinylGuard Matte is a two component, highly durable water based polyurethane floor coating. The product has a satin (medium gloss) finish 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 Tile (VCT) Vinyl Plank (LVP) and Sheet Vinyl floors. It can also be used to coat, rubber flooring, linoleum and concrete.

Advantages

- Eliminates floor stripping
- Reduces re-application
- Matte Finish – shows less wear
- Odorless
- Reduces floor care costs
- UV stable
- Slip resistant
- Chemical resistant
- VOC compliant
- Excellent abrasion resistant

Main Uses

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

Color

Dries water clear, with gloss finish.

Theoretical Coverage

Approximately 500 to 800 ft²/gal (12 to 19 m²/L) depending on the porosity and texture of the surface.

Packaging

1 Qtr. Kit (0.95L) , 1 Gal Kit (3.8L), or 4 Gal Kit (15L)

Approved Surfaces: VCT, Sheet Vinyl, PVC, Luxury Vinyl Plank (LVP), Linoleum, Marmoleum, Vinyl Asbestos Tile, Rubber Flooring, 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	45%
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

Mix Ratio	3A:1B
Application temperature	50 to 100°F (10 to 38°C)
Service temperature	40 to 120°F (4.4 to 40°C)
Pot life	60 minutes at 75°F (24°C) and 50% RH
Drying time	6 hours at 77°F (25°C)
Foot traffic	8 hours at 77°F (25°C)
Recoat window	6 -12 hours at 77°F (25°C)

Surface Preparation

All finish on New or Existing floors must Mop cleaned with **Emerald Cleaner** or Machine cleaned with **SurfaceTreat** or stripped using **FloorStrip HP**

VinylGuard Satin Finish

For **Wet Mop Cleaning**, Use **Emerald Floor Cleaner** at 1-2 oz. per gallon of water. Mop the floor with diluted clean and allow diluted cleaner to SIT on floor at least 5 minutes. Scrub floor with a scouring pad or stiff bristled brush and damp-mop thoroughly to pick up any residue.

For Machine 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).

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 even out floor porosity increase the overall durability of the system. Apply PrimeSeal, with a flat mop, at a spread rate of 1200-1500 sq.ft/gal. Dry time is 20 to 30 minutes.

Mixing Instructions: Mix Ratio 3A to 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, 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 60 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 4 oz 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. 6 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. Once cured, the product will require sanding or chemical removal using paint stripper.

Limitations

Do not apply at thicknesses above 5 mils (0.125mm) per coat.

Do not roll product too tight.

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.