



# VinylDiamond Sealer

Fast drying highly durable clear Nano for Vinyl and Rubber Flooring

## Product Description

VinylDiamond is high performance inorganic based protective coating supplied in a fast drying and slip resistant formula. The product was developed for sealing high traffic floors; requires minimal maintenance and no stripping for subsequent applications. VinylDiamond has almost zero odor and can be used on all types of resilient flooring including LVT, VCT, Sheet Vinyl, Rubber, Linoleum, Asbestos and Asphalt tiles.

## Features

- Very Fast 5 to 15 minutes Dry time
- High Slip Resistance
- Simple Maintenance
- Eliminates Floor Stripping
- Reduces Re -Application
- Hard Wearing and Non-scuffing
- Odorless
- Reduces Floor Care Costs
- Maintains Sheen
- High Coverage
- Non-Yellowing

## Main Uses

- Walkways, floors, stairs
- Hospitals
- Schools, Universities
- Office buildings
- Supermarkets
- High Traffic Areas

**Approved Surfaces:** VCT, LVT, Vinyl Plank, Sheet Vinyl, PVC, Luxury Vinyl, Linoleum, Marmoleum, Vinyl Asbestos Tile, Rubber, Poured Urethane and Epoxy.

## Color

Milky, Dries Water Clear Medium Sheen  
High Gloss Reflectivity When Burnished

## Packaging

1-quart (0.95 liter) and 1-gallon (3.8 liter) bottle

## Shelf Life

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

## Theoretical Coverage

**NanoPrime:** 3,000 to 4,000 ft<sup>2</sup>/gal (74 – 98 m<sup>2</sup>/liter) /coat  
**CTS200:** 2,500 to 3,500 ft<sup>2</sup>/gal (98 – 145 m<sup>2</sup>/liter) /coat

## Test Data

<b>VOC</b>	<15 g/L
<b>Adhesion ASTM D2795 Dry</b> <b>Adhesion ASTM D2795 Wet</b>	850 635
<b>Water Resistance ASTM D870</b> <b>Blistering</b> <b>Loss of Adhesion</b> <b>Discoloration</b>	<b>Pass</b> <b>Pass</b> <b>Pass</b>
<b>Abrasion Resistance ASTM D4060</b> <b>Weight Loss (mg)</b> <b>Wear Index</b>	80 80
<b>Wet DCOF ANSI B101.3*</b>	0.60 High Slip Resistance

\*Compliance value = 0.42 or higher

## 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>	5 to 15 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

### Surface Preparation

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

### Existing Floor Finish

**Use SurfaceTreat for Deep cleaning existing finish without stripping** Dilute 8fl.oz per 1 gallon of cold water. Use a Red cleaning 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. Allow the floor to dry.

### Broken down deteriorated 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, apply 2 coats of **NanoPrime** before application of the VinylDiamond. This will provide an even base for sealer, improve appearance and increase the overall durability of the system. Apply NanoPrime, with a flat mop, at a spread rate of 3000 ft<sup>2</sup> per gallon (73m<sup>2</sup>/l). Dry time is 5 to 15 minutes. **For a high shine, burnish with a white pad between coats.**

### Mixing

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

### Application

Lightly wet a clean microfiber pad with VinylDiamond, leaving the pad damp. Spray-apply VinylDiamond onto the floor and spread with the damp microfiber pad. Maintain a very thin, even coating. Stop spreading once drying begins.

Apply 1<sup>st</sup> coat at a rate of 3000 to 3500ft<sup>2</sup> per gallon (73-86m<sup>2</sup>/l) **DO NOT OVER-APPLY**. This product should be applied thinly and evenly. Allow the 1<sup>st</sup> coat to completely dry usually 5 to 15 minutes depending on temperature and air flow.

Apply 2<sup>nd</sup> coat a rate of 3000 to 3500ft<sup>2</sup> per gallon (73-86m<sup>2</sup>/l) and allow to dry.

Two coats are usually sufficient, over existing floor finish or when using NanoPrime. **For a high shine, burnish with a 3M aqua pad between coats.**

### 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

Daily Maintenance: Use **GlossClean** neutral floor cleaner

Periodic Maintenance: Use **SurfaceRestore** cleaner/protector to remove deep set dirt, and at the same time rejuvenate the floor by depositing a non-discoloring, protective, anti-slip micro layer which responds to immediate follow-up buffing and burnishing.

Use SurfaceRestore in mop bucket or auto scrubber fitted with red or green pads. Dilute 2.0 to 8.0 Fl. oz. per 1 gal cold water and use any time floors are moped or scrubbed. Best results are achieved with burnisher over 2000 rpm to polish floor surfaces.

Reapply VinylDiamond coating to worn areas, as needed, after cleaning surfaces with mop or auto scrubber.

### Health and Safety

**Before using this product consult the Safety Data Sheet (SDS). The SDS can be obtained at [www.covertecproducts.com](http://www.covertecproducts.com)**

### Limited Warranty

This product is warranted to be of good quality and that it complies with the properties shown in its current datasheet. CoverTec will replace or, at our election, refund the purchase price of the product if proven defective when used according to the instructions in the current datasheet. Any suspected defect must be reported to CoverTec in writing within one (1) year from the date of shipment. No claim will be considered without such written notice or after the specified time interval. 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 and explicitly excludes liability for consequential damages, down time, or delay.**