



CoverShield CTS200

Concrete, Terrazzo and Stone Sealer for Polished and Unpolished Floors

Product Description

CoverShield CTS200 is high performance inorganic based nano coating supplied in a fast drying and slip resistant formula. When applied in micro thin layers to polished or unpolished concrete, terrazzo and stone, CTS200 will produce a hard-wearing water clear surface that provides protection against slip and fall and stains. Ideal for high traffic areas interior and exterior.

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

Typical Uses

- Polished and Unpolished Surfaces
- High Traffic Applications
- Interior or Exterior
- Concrete
- Terrazzo
- Marble
- Sandstone
- Mexican Tile
- Travertine
- Slate
- Blue Stone
- Quarry tile

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: 1500-3000 ft²/gal (37 -73 m²/liter) /coat
CTS200: 4,000 to 6,000 ft²/gal (98 – 145 m²/liter) /coat

Test Data

VOC	<15 g/L
Adhesion ASTM D2795 Dry	850
Adhesion ASTM D2795 Wet	635
Water Resistance ASTM D870	Pass
Blistering	Pass
Loss of Adhesion	Pass
Discoloration	Pass
Abrasion Resistance ASTM D4060	
Weight Loss (mg)	80
Wear Index	80
Wet DCOF ANSI B101.3 *	0.58 High Slip Resistance

*Compliance value = 0.42 or higher

Application Properties

Application temperature	50 to 95°F (10 to 35°C)
Service temperature	40 to 120°F (4.4 to 40°C)
Drying time	5 to 15 mins at 75°F (24°C)
Light foot traffic	45 min to 1 hour at 75°F (24°C)
Heavy foot traffic	2 hours at 75°F (24°C)

Surface Preparation

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. Let it dry. Apply 2 coats of CTS200.

Broken down deteriorated floor finish

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. Apply 2 coats of NanoPrime and 2 coats CTS200.

Unpolished Floors: Floor surface must be clean, dry and free of residue before CTS200 is applied. **Use SurfaceTreat** diluted 2fl.oz per 1 gal cold water. Use a Green pad under a low speed machine or automatic scrubber to deeply scrub the floor. Pick up the solution in one pass or damp-mop thoroughly. Let it dry. Apply 2 coats of NanoPrime and 2 coats CTS200. **For a high shine Burnish with a 3M Aqua or Tan pad between coats.**

Note: NanoPrime should be applied on porous floor surfaces. The primer is not necessary if the floor is non porous for example polished concrete.

Polished Floors: Floor surface must be clean, dry and free of residue before CTS200 is applied. **Use SurfaceTreat** diluted 2fl.oz per 1 gal cold water. Use a Green pad under a low speed machine or automatic scrubber to deeply scrub the floor Pick up the solution in one pass or damp-mop thoroughly. Let it dry. Apply 2 coats CTS200. **For a high shine Burnish with a 3M Aqua or Tan pad between coats.**

New Polish for Stone and Terrazzo

Wet scrub the floor with a 220 Heavy Duty Diamond Pad and CT-50. Make 2 or 3 full passes and pick up wet slurry between passes. Rinse thoroughly and low surface to dry. Apply 2 coats NanoPrime and 2 coats CTS200. **For a high shine Burnish with a 3M Aqua or Tan pad between coats.**

New Polish for Concrete: Grind the concrete dry with metal bonded diamond tooling followed by resin-bonded tooling. Typically, 80 grit and then 100 grit metal bonded tooling is followed by 100, 200. Remove dust between steps. Apply 2 coats Nano Prime and 2 coats CTS200. **For a high shine Burnish with a 3M Aqua or Tan pad between coats.**

Application: Stir the container for 1 minute to make sure all contents evenly dispersed. Lightly wet a clean microfiber pad with CTS200, leaving the pad damp. Spray or pour a thin line of CTS200 onto the floor and spread with the damp microfiber pad. Maintain a very thin, even coating. Stop spreading once drying begins.

Apply 1st coat at a rate of 4,000 to 6,000ft² per gallon. **DO NOT OVER-APPLY.** This product should be applied thinly and evenly. Allow the 1st coat to completely dry usually 10 to 20 minutes depending on temperature and air flow.

Apply 2nd coat a rate of 4,000 to 6,000ft² per gallon and allow to dry. Two coats are usually enough, over existing floor finish or when using NanoPrime

Apply 3 to 4 coats if applying direct to hard surface. CTS200 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.

Daily Maintenance: Use **SurfaceClean** to removes deep set dirt, scuffs and heel marks. Use SurfaceClean in mop bucket or auto scrubber fitted with red or green pads. Dilute 2.0 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.

Routine Maintenance: Use **SurfaceRestore** to clean and restore the surface condition by depositing micro droplets of CTS200 on the surface. These micro droplets improve the surface condition over time and reduces the frequency of recoating surfaces protected with CTS200.

For use in auto scrubber, dilute 10oz to 1 gal of water. Damp mop mix 6 oz to 1 gal of water. Scrub floor with soft brushes/pads and allow product to dwell on surface for 15 to 20 minutes without drying. Add more cleaner if necessary. Pick up the solution in one pass or damp-mop thoroughly. Let it dry. Burnish with burnisher and pink or aqua pad. Use this product at least once every 7 to 14 days to insure continuous optimal floor appearance

Reapply CTS200 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

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.**