



CT-OilClean System

The CT-OilClean system consists an industrial strength bacterial solution that uses micro-organisms to digest and clean oil, fat and grease from concrete, masonry and metal surfaces. The microbial cleaner has been especially developed to remove hydrocarbons from oil contaminated concrete prior to coating. Once the surface has been cleaned and allowed to dry the concrete is sealed with a two component, high performance water based clear polyurethane sealer. The CT-OilClean system was developed for cleaning sealing oil contaminated concrete floors in warehouse, workshops and industrial type environments. The floor sealer product is extremely oil and stain resistant and will leave the concrete with a tough easy to clean surface, that is abrasion resistance and non yellowing. CT-OilClean system is odorless, fast drying and can be applied to internal or external concrete, terrazzo and concrete pavers. The CT-OilClean system is environmentally safe and harmless to humans, pets, and plants. **Product use can qualify for LEED credits.**



CT-OilClean System Applicable Products

CoverClean (microbial cleaner) is penetrating bacterial solution that uses micro-organisms to digest and clean oil, asphalt residue, fat and grease from concrete, masonry and metal surfaces. The product is available in two grades **HC** for cleaning oil, and other petroleum based products and **FG** for cleaning surfaces contaminated with fat and grease.

CoverShield U140

A two component, oil and stain resistant highly durable, low odor, low VOC, water based, floor sealer. U140 is available in a gloss, or matte finish. The sealer is non yellowing UV stable and can be used inside or outside.

CoverGrit Non-Slip Additive

Off - white granules, 100 - 200 mesh, no odor

Where To Use

- Industrial floors
- Warehouse Floors
- Gas Station Forecourts
- Drive Troughs
- Ramps
- Parking Decks
- Bus Stations
- Shuttle Bus Stops
- Workshops
- Auto parks
- Factory Floors
- Truck stops
- Turning Circles
- Auto body shops
- Take Away
- Refueling Areas
- Oil Storage
- Banks and ATM's
- And more...

Floor Types

- Internal/External
- New Existing Concrete
- Concrete Pavers
- Hard Trowel Concrete
- Polished Concrete
- Concrete Terrazzo

Floor Preparation

All surfaces to be coated must be clean and free of moisture, efflorescence, dirt, grease, oil, chalk, mildew and any other foreign matter. The concrete surface being coated must be a minimum 7 days cured, structurally sound (200psi or greater according to ASTM D4541), clean and dry. It must have low moisture-vapor transmission (6 lbs/1,000 ft²/24 h (or 15 g/m²/24 h) or lower).

Soak the area to be cleaned with water prior to application of CoverClean solution. Apply CoverClean to the contaminated area by either a pump up spray or brush at a rate of 200 to 250ft² per gallon (4.9 to 6.1 m²/L). For heavy duty cleaning apply at a rate of 150 to 200ft² per gallon (3.7 to 4.9 m²/L).

The affected area must be agitated by stiff brushing. For best results use a power scrubber fitted with a green or black pad. The solution temperature must not be allowed to rise above 120°F(48.9°C) or to completely dry out. Water must be present at all times, since this is the source of oxygen for the microbes.

Allow the CoverClean to sit for a minimum of 3 hours.

Keep wet during this time and agitate one more time, 20 minutes before rinse off. If the product cannot be rinsed to a drain, then use an auto scrubber or similar to wet vac up the liquid.

Allow substrate to dry before applying CoverShield U140.

Tools Needed

- Pump up Sprayer
- Flat microfiber mop or T bar applicator
- Short nap Rollers and Frames
- Mixing/Measure Containers
- Mixing Drill with fitted with a conical tip
- Roller Tray
- Masking Tape
- Painters Plastic
- Paint brush
- Work lights

Mixing

Stir or shake Part A to make sure all contents evenly dispersed. Pour Part B into Part A container while slowly mixing using a mixing drill and paddle. Mix slowly for 1 minute.

Priming

For very dense surfaces such as steel troweled concrete or polished concrete, prime first with a diluted coat of CoverShield U140. Dilute U140 mixture with clean water ratio 1: 1. Apply a thin coat with a pump up sprayer at 800 to 1000 ft² per gallon and allow to dry tack free.

Seal Application Instructions

CoverShield U140 Sealer may be applied via T-Bar micro-fiber applicator, roller, or pump sprayer with a conical tip that sprays at .05 to .15 gpm at 40 psi.

1. For best results use two people – one spraying and one spreading.
2. Lightly wet a clean microfiber pad with U140, leaving the pad damp. Spray-apply U140 and spread with the damp microfiber pad. Maintain a thin, even coating and wet edge. Stop spreading once drying begins.
3. Apply 1st coat at a rate of 800ft² per gallon. DO NOT OVER-APPLY. This product should be applied thinly and evenly. Allow the 1st coat to dry tack free and wait 60 additional minutes.
4. Apply 2nd coat a rate of 800ft² per gallon and allow to dry for 3 hours before opening up to light traffic. Two coats are usually sufficient, but applicator must determine the specific need. Three coats on textured concrete may help with maximum water resistance.

Curing

Light foot traffic is possible after 3 hours and heavy foot traffic is possible after 6 to 8 hours. Allow 24hrs before vehicular traffic depending on application thickness, the temperature and the relative humidity in the room.

Recoating

Overcoats with CoverShield U140 need to be applied within the first 48 hours of previous application. THE SUBSTRATE MUST BE CLEAN. After 48 hours, mechanically abrade the entire surface using auto scrubber fitted with a green pad. Clean with CT-GlossClean neutral cleaner and allow substrate to dry. Apply CoverShield U140 within 1 hour.

Clean Up

Clean all equipment and any splatters or spills with water before material dries. Once cured, the product will require mechanical removal or the use of CT-PowerStrip.

Limitations

Do not apply if surface temperature is below 50°F (10°C), above 100°F (38°C) or within 5°F (3°C) of the dew point. Do not apply at thicknesses above 3 wet mils (0.075mm) per coat. Do not apply in rain or wet conditions, Avoid skin contact. Do not add paint thinners, solvents, or admixtures.