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# CoverSeal PEN55

## Oil and stain resistant penetrating clear fluoropolymer sealer

### Product Description

CoverSeal PEN55 is a water based penetrating oil and stain resistant clear sealer. PEN55 is a UV resistant fluoropolymer solution that is extremely resistant to oil, water and staining. The product can be used on any porous surface such as concrete, brick, natural stone and tile, exterior or interior on floors and on walls.

### Features

- Stain Resistant
- Excellent Oil and Water Repellency
- Resistant to Driving Rain
- No Effect on Appearance
- Water Based, Zero Odor
- Non-Yellowing UV Resistant
- Breathable Sealer
- Reduced Dirt Pick Up and Smog
- Does Not Etch Glass
- Mildew Resistant
- Easy to Apply

### Main Uses

- Concrete Susceptible to Staining or Discoloration
- Driveways and Garage Floors
- Patios and BBQ areas
- Walkways and Balconies
- Natural Stone and Slate
- Unglazed Tile and Grout
- Parking Decks and Loading Docks
- Precast Concrete
- Counter Tops
- Marble and Terrazzo
- Brick Pavers

### Color

Clear. No effect on appearance.

### Coverage

Porous surfaces: 250 to 300ft<sup>2</sup>/gallon per coat.  
Dense surfaces: 500 to 1,000ft<sup>2</sup>/gallon per coat.  
Coverage will vary depending on surface porosity.

### Packaging

1 quart (0.95L), 1 gallon (3.8L) and 5 gallon (19L) pails.

### Shelf life

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

### Stain Resistance\*

Fluid	Un-treated	Treated
Motor oil (1)	Heavy stain	No stain
Power steering fluid (1)	Heavy stain	No stain
Transmission fluid (1)	Heavy stain	No stain
Hydraulic fluid (1)	Heavy stain	Small light stain
Antifreeze (1)	Heavy stain	Small light stain
Coffee (2)	Light stain	No stain
Mustard (2)	Light stain	No stain
Red wine (2)	Light stain	No stain
Ketchup (2)	Light stain	No stain
Spaghetti sauce (2)	Light stain	No stain

\*2 hours stain test, (1) concrete substrate, (2) brick substrate

### Application Properties

Drying Time	45 minutes
Open to Foot Traffic	4 hours at 77°F (25°C)

### Surface Preparation

The surface must be completely free of oil, grease, curing compounds, other coatings, water repellants and any other foreign material that may inhibit the sealer adhesion to it.

### Oils, Grease, Dirt:

Scrub with **CoverClean** and rinse well and allow to dry.

### Mildew & Algae:

Apply a solution of 1 part **SurfaceClean** to 2 parts water, rinse well and allow to dry.

### Efflorescence (salts):

Apply a **PreTreat**, rinse well allow to dry.

### Wax or Sealer:

Strip using **FloorStrip HP**, rinse well allow to dry.

Test for water absorption. If water beads on any section of the floor repeat the process until contaminants are completely removed.

**Mixing:**

**PEN55 is ready to use. Do not dilute.**

Stir containers prior to use as some settling may occur.

**Application:**

**Test sample:** Due to differences of each surface type, A test sample should be applied to the substrate to verify coverage rate, application conditions and desired results.

CoverSeal PEN55 should be applied **using a roller, mop, brush or low-pressure spray** using (15 to 25 psi) pump up spray equipment with a fan type spray nozzle. Do not apply to a wet or damp substrate. Concrete needs to cure a minimum of 14 days. Allow grout to cure per grout manufacturers recommendations.

Dense surfaces usually require 1 coat.  
Porous stone and concrete, grout and other porous surfaces usually require 2 coats. Additional sealer applications are typically recommended for higher traffic floors.

If a second coat is required, it should be applied immediately after the initial application has fully absorbed into the surface.

Allow sealer to penetrate the surface for 10–15 minutes. During this time, keep the surface wet with sealer, adding more sealer as needed. **DO NOT ALLOW SEALER TO COMPLETELY DRY ON THE SURFACE.**

On low porosity surfaces such as trowel finished concrete PEN55 may leave a residue. After 15 minutes remove any residue with a soft cloth or buff with white pad or bonnet pad.

Protect glass, metal, plastic, asphalt materials and nonporous substrates from overspray. PEN55 will not etch glass or cured joint sealant but will leave a residue.

**Clean Up**

Clean up using water.

**Cure time**

Treated surfaces can be walked on in 4–6 hours. Allow 24 hr. before vehicular traffic. For maximum repellency and effectiveness allow 72 hours.

**Cleaning and Maintenance**

PEN55 when fully cure is highly repellant, so dirt, oil and liquid spills do not easily stick to the treated surface. It is not necessary to use aggressive cleaners.

Use neutral cleaner or mild liquid detergents such as **Emerald Floor Maintainer**. Make sure all standard floor cleaners are diluted in accordance with manufactures instructions.

Periodically test sealed surfaces for water absorption. If water soaks in reapply a coat of PEN55 to keep treatment at maximum performance.

Do not clean the floor with high alkaline, acidic, ammonia based, abrasive cleaners, and/or bleach or products containing bleach. These chemicals may damage the floor surface and degrade the PEN55 sealer, adversely affecting stain repellency.

**Limitations**

- Do not apply to wet or damp substrates
- Allow new concrete to cure a minimum of 14 days
- Do not dilute
- Do not apply at temperatures below 40°F (4°C).
- Do not allow freeze in storage.
- Do not dispose in the water system.

**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.**