



# CoverSeal AC450

## Concrete and Terrazzo Floor Sealer for Heavy Traffic Areas

### Product Description

CoverSeal AC450 is a high-performance acrylic water dispersed concrete sealer in a VOC compliant formula. When applied to steel troweled or polished concrete or terrazzo, the product will produce a hard-wearing clear bright surface that provides excellent protection against stains, water and oil resistance. It is ideal for dense interior concrete or terrazzo use in high traffic and forklift traffic areas.

### Features

- High Gloss non yellowing sealer
- Excellent stain resistance
- Repels, oil, grease and food stains
- High adhesion to polished concrete
- Responds well to burnishing
- Resistant to hot tire pickup
- Dries quickly
- Highly water repellent
- Very low odor, VOC compliant
- Abrasion resistant
- Makes surface easier to clean

### Typical Uses

- Steel Troweled Concrete
- Polished Concrete and Terrazzo
- Colored and stamp concrete
- Warehouses
- Loading docks
- Retail floors
- Grocery stores
- Restaurants
- High traffic areas

### Color

Dries Water Clear.

### Packaging

5-gallon (19 liter) pail.

1-gallon (3.8 liter) jug

### Shelf Life

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

### Theoretical Coverage

1500-2000 ft<sup>2</sup>/gal (37-49 m<sup>2</sup>/l)

The actual coverage will vary depending on the density and porosity of the substrate. All surfaces will require a minimum two coat application.

### Application Properties

Property	Typical Results
pH	8.5-9.5
VOC	99 g/l
Weight per gallon	8.7 lbs.
Drying time	0.5 to 3 hours
Odor	Very mild

### Compliances

Meets VOC regulations for CA and NY  
USDA compliant for use in meat and poultry areas when fully cured.

### Surface Preparation

#### New Surface

The surface must be completely free of oil, grease, curing compounds, other coatings, water repellents and any other foreign material that may inhibit the sealer adhesion to it. The surface must be porous enough to allow sealer penetration. Always test porosity prior to application, especially on very dense concrete and terrazzo surfaces. **Pour water on test area and look for water to darken the surface within 5 minutes .**

#### Over Existing Water Based Sealer or Guard

#### For deep scrubbing and cleaning without stripping

Dilute 8fl.oz per 1 gallon of water. Use a green pad under a low speed machine or automatic scrubber to deeply cleanse the finish (will not strip finish). Cleans up to 4 layers deep. Scrub floor and pick up the solution in one pass or damp-mop thoroughly. Let it dry.

### Mixing

Stir, CoverSeal AC450 thoroughly before using.

### Application

CoverSealAC450 sealer may be applied by flat micro-fiber mop head, a clean mop and bucket, or T-Bar applicator.

Apply 1<sup>st</sup> coat at a rate of 1500ft<sup>2</sup> per gallon. DO NOT OVER-APPLY. This product should be applied thinly and evenly. Allow the 1<sup>st</sup> coat to dry to the touch usually around 20 to 30 minutes depending on temperature and air flow. Apply 2<sup>nd</sup> coat a rate of 1500 to 2000ft<sup>2</sup> per gallon and allow to dry for 3 hours before opening up to heavy foot traffic.

**Two or three coats are usually sufficient**, but applicator must determine the specific need and gloss level. Apply no more than four(4) coats in 24-hour period. AC450 should be applied between 50 and 95°F.

To increase gloss, wait at least 24 hours after the final coat is applied, then use a high-speed burnisher fitted with a white polishing pad. Burnish at a fast walking pace.

### Curing

Light foot traffic is possible after 1 hour and heavy foot traffic is possible after 3 hours. Allow 24 hours before vehicular traffic.

### Recoating

Overcoats with CoverSeal AC450 need to be applied within the first 2 days of previous application. THE SUBSTRATE MUST BE CLEAN. After 3 days, mechanically scrub the surface with a green pad and GlossClean and allow substrate to dry before applying CoverSeal AC450.

### Clean Up

When wet, flush with clean water. When dry, clean tools and equipment with CT-12 Thinner.

### Maintenance

**Daily Maintenance:** Dust mop floor

**Routine maintenance:** Damp Mop or Auto scrub floor as needed using **GlossClean**. For Deep cleaning without stripping use **SurfaceTreat**.

### Limitations

Do not apply if surface temperature is below 40°F (4°C) or is expected to fall below 40°F (4°C) within 24 hours.

Do not apply if rain is expected within 24 hours of application.

For best results use on smooth dense concrete.

Do not apply to broom finished concrete

Do not add paint thinners, solvents, or admixtures.

Do not install concrete overlays, other toppings or surface treatments over this material.

Test area for sealer acceptance and desired results.

### 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.**