

1. PRODUCT NAME

VaporSeal 309

Curing Compound for New Concrete

2. MANUFACTURER

Floor Seal Technology, Inc.

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3. PRIMARY USAGE

VaporSeal 309 is a high performance curing/ sealing membrane for new concrete slab and deck surfaces conforming to ASTM C309. It is designed to provide proper curing and to reduce moisture vapor emission levels in areas to receive floor coverings.

4. DESCRIPTION

Low odor, VOC compliant, resin based compound, formulated for exceptional curing/ sealing properties and compatibility with all floor coverings.

6. PREPARATION

Horizontal surfaces must be free of oil, dust, sand and sealing films.

7. MIXING

Agitate before using. Material may settle during long-term storage. Mild agitation is recommended prior to use.

8. INSTALLATION

Apply by garden or airless sprayer. Application to be performed by manufacturer's employed personnel. Use neoprene hose, gaskets and fittings on spray equipment. Material should not be applied to white or colored concrete surfaces. Material to be applied

between 4 and 24 hours after concrete placement dependent upon jobsite conditions, including but not limited to temperature and relative humidity. If material cannot be applied immediately following concrete finishing, especially in hot, dry climates, concrete must be kept wet with a mist water spray until VaporSeal309 can be applied. Surfaces shall sustain foot traffic without marring prior to installation.

9. COVERAGE

Due to variations in jobsite conditions including, but not limited to, temperature, relative humidity and surface density, the following coverage rate is approximate and is intended for estimating purposes only. A single uniform layer is generally recommended.

Standard: 100 - 700 ft² / gallon

10. TECHNICAL DATA

- Drying Time: 1 - 4 Hours
- Wheel Traffic: 4 Hours
- Application: 40 - 100 °F Ambient
- Color: Dries clear
- ASTM C 156: 0.40 kg/m²
- ACI 308R-01: Compliant
- Storage Life: 1 year in unopened container
- ASTM C309: Compliant
- ASTM C1315: Compliant
- VOC: 54 g/L
- Solids Content: >25%

11. CLEANING

Clean tools and equipment with warm soapy water or mineral sprits. Clean drips or over spray of material while still wet, as dried material will be difficult to remove.

12. CAUTION

Apply to new concrete slab surfaces only. Do not dilute or thin material. Do not apply to frost filled surfaces or areas coated with bond breakers or curing/sealing materials. In the event of over spray to asphalt or rubber surfaces rinse with water immediately.

13. MAINTENANCE

VaporSeal 309 requires no additional application or maintenance prior to floor covering installation.

14. LEED CONTRIBUTION

Products are not certified under the US Green Building Council's Leadership in Energy and Environmental Design (LEED) Green Building Rating System. However, product selection may contribute to points in certain credit categories. VaporSeal 309 may contribute to the following credit:

EQ 4.1/4.2 – Low Emitting Materials, Paints and Coatings:

Intent - Reduce the quantity of indoor air contaminants that are odorous, potentially irritating and/or harmful to the comfort and well-being of installers and occupants.

Requirements – Comply with South Coast Air Quality Management District (SCAQMD) Rule 1113, Architectural Coatings, <100g/L VOC

VaporSeal 309 contains 54g/L VOC, meeting the above rule.

15. WARRANTY

Floor Seal Technology provides the most comprehensive full system warranty of material performance and workmanship for 10 years. Extended warranties beyond 10 years are available by request for long-term building owners. Concrete floor slabs must comply with Uniform Building Code and ACI-318 Building Code Requirements for Structural Concrete in addition to the contract documents (Division 3). Floor Seal Technology must be notified of all deviations from the aforementioned codes, specifications, or contract documents. Failure to do so will void Floor Seal Technology's warranty.

In the event concrete moisture or alkalinity damages the installed flooring system as a result of moisture vapor emission, Floor Seal Technology will provide labor and materials to repair or replace the damaged flooring area. Repair will include new flooring materials or coatings, adhesives, patching compounds and professional installation by a licensed flooring contractor or company employee, at no additional charge to the building owner.