



VEXCON
CHEMICALS, INC.

Protecting and improving concrete since 1974

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CERTI-VEX[®] GLOSS SEALER FT

Fast Track Acrylic Concrete Sealing Compound
Non-Yellowing • Slip Resistant • Gloss • Fast Drying

DESCRIPTION

CERTI-VEX GLOSS SEALER FT is a fast drying styrene acrylic stabilized co-polymer based non-yellowing sealing, hardening, dust proofing and water repellent compound that is tough, chemical resistant, long lasting and glossy. Certi-Vex Gloss Sealer FT features Vexcon's breathable technology which allows moisture vapor to pass through rather than becoming trapped, preventing whitening, peeling and flaking. The product is designed for use on exterior and interior above and below grade architectural concrete where a premium long lasting, slip resistant, vibrant gloss and shine is required. Certi-Vex Gloss Sealer has properties that are designed specifically for decorative, stamped and standard concrete surfaces to provide excellent fast drying and long term protection. Certi-Vex Gloss Sealer can be applied on damp surfaces without whitening or loss of adhesion.

BENEFITS

- Dries in less than 1 hour
- Seals a wide variety of concrete surfaces
- Non-Yellowing. Surface remains clear
- Does not water whiten
- Seals and hardens surface reducing clean up effort and resisting construction stains
- Excellent protection against attack by alkali, oil, cleaners and common industrial chemicals
- Prevents efflorescence, dusting and spalling
- Vexcon breathable technology
- Re-coatable and paintable
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APPLICATION

- Product is supplied at the proper consistency for application and dilution will reduce efficiency and gloss.
- Thoroughly mix before applying.
- To improve non-slip profile use **Certi-Vex Grip**.
- Note; product forms a surface film quickly depending on temperature, humidity and wind conditions therefore, for best results follow all equipment and application instructions carefully.
- **If applying by sprayer:**
Apply by low-pressure commercial grade solvent resistant sprayer with Viton fittings. (Do not use garden or form oil sprayers). Recommended sprayer, Chapin Xtreme Industrial Spray model #19049 fitted with .5 gpm nozzle. Alternates, Morrison Power Sprayer Model #S201 Fan Tip, or airless sprayer at lowest pressure (Do not atomize, use a 14-15 tip).

- The sprayer must be clean and dry. If cleaning with solvents is required, use **Certi-Vex Equipment Cleaner**. Clean sprayer as directed between applications to ensure best results.
- If spraying and back rolling, best application is to spray enough material that a second person can immediately back roll following the spray applicator. Follow roller instructions below. Caution; do not delay the back roll as the area will dry quickly.
- **If applying by roller:**
 - For best results use Vexcon's **EvenFlow Applicator** or ¼ " nap mohair roller.
 - Use a roller pan to take off excess product. Do not dip and roll or pour and spread
 - Do not over-work material, apply in a single lapping motion. Do not roll area back and forth, this can cause the film to break and product to become stringy.
 - Do not run roller dry, keep a wet edge and do sections small enough to roll only once over wet material.
 - Do not roll over dry material this can cause the product to become stringy. To aid in keeping roller wet and fluid, keep a roller pan filled with Certi-Vex Equipment Cleaner.
 - Over rolling or using incorrect rollers will cause bubbles to form in the coating. If this occurs on final coat corrective procedure is to apply a light coat of Certi-Vex Equipment Cleaner over the area. This will recast (heel) the coating and eliminate the bubbles. If this occurs on first coat, follow corrective procedure above then apply final coat.
 - Material should not be allowed to puddle.
 - Do not allow sealed area to become wet with water until dry. See dry times.
 - Protect all surrounding areas from over spray.
 - The sealer can be applied to damp surfaces; however do not apply over puddled water.
 - A uniform appearance requires even coats leaving no gaps. Some areas may be more porous than others; these areas may require additional coats to even out the appearance. Caution: Do not over-apply material. See special note section.

APPLICATION TEMPERATURE RANGE

Can apply when surface temperatures are 20° F -85° F, when below or above these ranges review Vexcon Cold or Hot Weather Application Guide.

SURFACE PREPARATION EXISTING CONCRETE

The concrete surface must be properly repaired, structurally sound and cleaned. Use Vexcon's surface prep and cleaning products to properly clean the surface prior to application.

- To remove coatings such as epoxy's, sealers and curing compounds use **Certi-Vex Concrete Stripper**.
- The concrete should be cleaned with **Certi-Vex Super Degreaser & Cleaner** to remove any dust, dirt or debris and allowed to dry for a minimum of 24 hours after cleaning.
- To remove efflorescence or to etch the surface for improved material penetration use **Certi-Vex Etch & Efflorescence Remover**.
- There should be no freestanding water.
- Large cracks should be repaired using **Powercoat Epoxy Joint Sealant**.

SEALING

- Prepare surface and apply as directed above.
- Apply at the proper coverage rate, see Coverage Section.
- A second coat is recommended for long term durability, see Second Coat section.

SECOND COAT:

- After application of the first coat, a second coat may be applied, typically, when the surface has dried through or 24 hours after first coat.
- Material will dry in less than 1 hour at 72 ° F (22° C). Apply second coat at 500-600 sq.ft. /gal (10-12.5 m²/L).
- Application of more than two coats is not recommended.

TOPCOATS AND ADHESIVES

Certi-Vex Gloss Sealer sealed concrete can be topcoated with a variety of paints, adhesives and mastics a minimum of 28 days after application. It is strongly suggested that a test area be applied prior to coating the entire surface, since products can adhere to concrete in varying degrees. Check with manufacturer of the topcoat for any precautionary and compatibility information.

SPECIFICATIONS/ COMPLIANCE

- VOC: 482 grams /liter or 4.02 #/gal.
- Meets:
 - USEPA AIM – Concrete Curing and Sealing Compound
- USDA approved
- Meets ADA and ASTM D2047 non-slip
- ASTM C1315 Type 1, Class A Sections 6.3, 6.4.1, 6.5.1, 6.6.1
- ASTM G154 – passes Class A 300 hour UV resistance
Test reports are available upon request

PHYSICAL PROPERTIES

- Color Water white
- Dry to Touch 10-15 minutes
- Tack Free 20-25 minutes
- Foot traffic 1 hour
- Vehicle traffic Overnight
- Solids 25 % minimum

Note: Dry and curing time depends on air temperature and film thickness. All calculations based upon 68-72° F (20-25° C). Low temperatures and relative humidity will extend dry time.

PACKAGING

Certi-Vex Gloss Sealer FT is available in 55-gallon drums and 5-gallon pails. Contact Vexcon directly to discuss your customized packaging requirements.

SPECIAL NOTES

To assist in application note, 200 sq.ft. /gallon is equal to the thickness of a sheet of paper.

- Will tend to show rubber burns or tire marks
- Will cause bleeding of bituminous surfaces
- May enhance mottling of colored surfaces
- Not gasoline resistant. Use **Powercoat Epoxy** products
- New Concrete - Use Vexcon Cure & Seal products
- Mix well before use
- Do not apply more material per gallon than specified over application may darken the surface
- Contact Vexcon before applying as Sacrificial Anti-Graffiti
- Shelf Life: If properly stored in its original sealed container, three years from date of manufacture
- For use by experienced applicators.
- Proper application of Vexcon material is the responsibility of the installer or user. Telephone consultation and/or field visits by Vexcon personnel are for the sole purpose of making technical recommendations only, and not for providing quality control or supervision on location.

MAINTENANCE

Spills should be removed promptly and cleaned. Sealed areas should be cleaned regularly, use **Certi-Vex Super Degreaser & Cleaner** for all cleaning requirements. Periodic reapplication may be required as the sealer wears off.

VITAL STATISTICS

- Flash Point (TCC) 1.4° F (-17° C TCC)
- Boiling Point (706 mmHg) 133° F (56° C)
- Autoignition Temp ND
- Extinguishing Media Foam, dry chemical, CO2, water fog.

COVERAGE

Coverage rates vary based on texture and porosity of surfaces. The following is a guide for estimates only. Always perform a test area prior to installation.

Concrete	
Rough Finish	300-400 sq.ft./gal (5.0-7.5 m ² /L)
Fine Broom Finish	400-500 sq.ft./gal (7.5-10 m ² /L)
Hard Trowel Finish	500-600 sq.ft./gal (12-15 m ² /L)
Pavers	200-300 sq.ft./gal. (5.0-7.5 m ² /L)
Decorative Concrete	300-400 sq.ft./gal. (5.0-7.5 m ² /L)

HEALTH AND SAFETY

CAUTION FLAMMABLE LIQUID

- Resin solution, flammable liquid, red label
- Use of respirators is mandatory when using this product in confined areas.
- Use only with adequate ventilation.
- If swallowed, do not induce vomiting.
- Use of gloves, goggles and other protective clothing is advised when using this product.

Vexcon MSDS # PS109 is an integral part of the safety and application of our product. A short synopsis is provided in this product data sheet PS109. Before using this Vexcon product obtain a copy of the MSDS from your distributor or by contacting Vexcon Chemicals.

CONTACT US @

Additional product information, technical assistance and customer services are available by contacting Vexcon Chemicals directly, or our distributors.

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