



Performance Construction Chemicals

## CERTI-VEX® AC1315 SUPER GLOSS

ASTM C-1315 TYPE 1, CLASS A ACRYLIC CONCRETE

CURING AND SEALING COMPOUND • NON-YELLOWING • FAST DRY • HIGH GLOSS

VOC Content: 341 gr./liter or 2.84 #/gal. – Cure

### DESCRIPTION

**CERTI-VEX AC1315 SUPER GLOSS** continues Vexcon Chemical's leadership in the development of break through polymer technology. Certi-Vex AC1315 Super Gloss is the highest solids cure and seal on the market today offering superior gloss, greater long term protection, fast drying and easier application.

Certi-Vex AC1315 Super Gloss quickly forms a hard clear film that is permanent, tough, chemical and slip resistant, water repellent, dustproof, and non-yellowing.

The product is ideal for both interior and exterior applications on new and existing floors, stamped and decorated concrete surfaces.

Certi-Vex AC1315 Super Gloss is breathable and will not whiten when moisture is present. It also contains no fillers, modifiers or extenders that can cause sealers to yellow. Independent laboratory testing confirms that the product's non-yellowing characteristics outlast and out perform competitive products.

### BENEFITS

- Non-Yellowing
- Easier to apply
- Superior film gloss
- Fast track installation
- Greater long-term wear resistance
- Provides for complete development of concrete's wear resistance and strength properties
- Apply to damp surfaces without whitening or loss of adhesion
- Seals and hardens surface reducing clean up and maintenance
- Can be applied to 20<sup>0</sup>F
- Excellent protection against staining, attack by alkali, oil, cleaners and common industrial chemicals
- Prevents efflorescence, dusting and spalling
- Breathable
- Re-coatable and paintable

### APPLICATION

- Product is supplied at the proper consistency for application and dilution will reduce efficiency and gloss.
- Thoroughly mix before applying.
- 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 high solids commercial grade solvent resistant sprayer with neoprene fittings. (Do not use garden or form oil sprayers).
- 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:**

- Use only ¼" nap mohair rollers
- 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. Broom out or squeegee excess.
- Do not allow sealed area to become wet with water until dry. See dry times.
- Protect all areas from over spray.
- The sealer can be applied to damp surfaces, however, do not apply over puddle 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 notes section.

## CURING AND SEALING NEW CONCRETE

Apply as soon as possible after the concrete has received final finishing, just as the water sheen disappears. If application is delayed concrete must be kept wet (preferably by water spray-mist) until Certi-Vex AC1315 Super Gloss can be applied. If concrete is allowed to dry use **Certi-Vex Concrete Etch & Efflorescence Remover** to clean and prepare the surface. Apply first coat at 300-400 sq.ft. /gal (7.5-10 m<sup>2</sup>/L). A second coat is recommended for long term durability. See Second Coat section.

## SEALING EXISTING CONCRETE

Apply Certi-Vex AC1315 Super Gloss to surfaces that are properly repaired and structurally sound and cleaned of all dirt, oil, grease and foreign matter. Use one of **Vexcon's concrete cleaners and stain removal products** to properly clean the surface prior to application. Use **Certi-Vex® Concrete Stripper** to remove old sealers, epoxies, urethanes, adhesives, curing compound and floor waxes. Prior to application a test area must be performed to determine proper application rate and required surface preparation. To determine that the concrete is penetrable perform a water absorbency test by applying water to a representative portion of the prepared concrete floor. A properly prepared surface when dry will immediately absorb clean water without any surface beading effects. If required use **Certi-Vex Etch & Efflorescence Remover** to improve sealer penetration. Apply as directed above at 400-500 sq.ft. /gal (10-12.5 m<sup>2</sup>/L) on hard non-porous floors and 250-300 sq.ft. /gal (6.2-7.5 m<sup>2</sup>/L) on porous floors. A second coat is recommended for long term durability and gloss. See Second Coat section.

## SECOND COAT

After application of the first coat, a second coat may be applied when the surface has dried. Apply second coat as directed at 500-600 sq.ft. /gal (12.5-15 m<sup>2</sup>/L).

## MAINTENANCE

Spills should be removed promptly and cleaned with a high quality commercial detergent. Floors should be cleaned regularly. Periodic reapplication may be required as the sealer wears off.

## SPECIFICATIONS/COMPLIANCE

- VOC Compliant: Meets AIM & EPA VOC Requirements: 341 gr./liter or 2.84 #/gal. – Cure
  - LEEDS
  - ASTM C 1315 Type 1, Class A
  - AASHTO M-148
  - ASTM C 309, Type 1, Class A&B.
  - Federal specification TT-C-800-A (GSA-FSS) type 1
  - Meets USDA and ADA non-slip requirements
  - ASTM D 2047 James Machine, average of 12 cycles .68 slip resistant.
- Test reports are available upon request.

## TOPCOATS AND ADHESIVES

Certi-Vex AC1315 Super Gloss cured 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. Concrete cured with Certi-Vex AC1315 Super Gloss is typically topcoated without incident, however, it is advisable to check with manufacturer of the topcoat for any precautionary and compatibility information.

## SPECIAL NOTES

- To assist in application please 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 cause mottling of colored surfaces
- Not gasoline resistant. Use Vexcon **Powercoat® GR**
- Application of more than two coats is not recommended
- Over application may lead to surface discoloration and improper sealer performance.
- Keep from freezing.
- Do not apply more material per square foot than specified.
- Can apply when surface temperatures are 20° F - 85° F, when below or above these ranges review Vexcon's Cold and Hot Weather Application Guides
- If properly stored in its original sealed container, three years from date of manufacture. Rotate your stock.
- For use by experienced professionally trained applicators.

## PACKAGING

Certi-Vex AC1315 Super Gloss is available in 55-gallon drums and 5-gallon pails. Contact Vexcon directly to discuss your customized packaging requirements.

## VITAL STATISTICS

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

## PHYSICAL PROPERTIES

- Wet appearance Water White
- Dry appearance Clear
- Dry to touch 20-25 minutes
- Dry - tack free 30-45 minutes
- Foot traffic 1 hour
- Vehicle traffic Overnight
- Solids 38% minimum

Note: All calculations based upon 68-77° F (20-25° c).

Lower temperatures and relative humidity will extend dry times.

## 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 #CS125 is an integral part of the safety and application of our product. A short synopsis is provided in this product data sheet, CS125. Before using this Vexcon product it is advisable to obtain a copy of the MSDS from your distributor or by contacting Vexcon.

## CONTACT US @

Additional product information, technical assistance and customer

service is available by contacting Vexcon directly or our distributors.

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