CERTI-VEX® AC 30
ACRYLIC CONCRETE CURING AND SEALING COMPOUND
ASTM C-1315 • HIGH GLOSS • COST EFFECTIVE

DESCRIPTION
CERTI-VEX AC 30 a high gloss product, is a 100% styrene acrylic co-polymer based curing, sealing, hardening, dustproofing and water repellent compound. When applied, it quickly dries to a hard clear high gloss coating that is tough, resistant to yellowing and many chemicals and long lasting. The product is ideal for use on floors, walls, architectural sections and as a base coat for a variety of top coatings. Certi-Vex AC 30 forms a clear film that provides superior shine that enhances the appearance of architectural concrete. Certi-Vex AC 30 features Vexcon’s breathable technology which allows moisture vapor to pass through rather than becoming trapped, preventing whitening, peeling and flaking. Certi-Vex AC 30 is formulated from customized styrene acrylic resins manufactured by Vexcon Chemicals especially for use on cementitious surfaces. The formulation contains no modifiers or extenders that can cause cure and seal to yellow, blush or look non-glossy Certi-Vex AC 30 provides an excellent base for most adhesives, paints and a variety of topcoats. These products meet the requirements of the Tile Adhesion Test of the Resilient Tile Institute and the Tile Adhesion Test Requirements of ASTM-C-1315.

BENEFITS
- Provides for complete development of concrete's wear resistance and strength properties
- High Gloss
- Apply to damp surfaces without whitening or loss of adhesion
- Seals and hardens surface reducing clean up and maintenance
- Can be applied to 20°F.
- Excellent protection against staining, attack by alkali, oil, salt, cleaners and common industrial chemicals
- Prevents efflorescence, dusting and spalling
- Vexcon breathable technology
- Excellent base for adhesives
- Re-coatable

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 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
- 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 (heal) 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 notes section.

CURING AND SEALING NEW CONCRETE
- Apply Certi-Vex AC 30 to still damp freshly finished concrete as soon as the surface cannot be marred, and water sheen disappears. Do not apply over freestanding water.
- If application is delayed, concrete must be kept wet (preferably by water spray mist) until product 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 sq.ft./gal (7.5 m²/L). A second coat is recommended for long term durability. See Second Coat section.

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 epoxies, 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-Ve Etch & Efflorescence Remover.
- There should be no freestanding water.
- Large cracks should be repaired using PowerCoat® Epoxy Joint Sealant.
SEALING EXISTING CONCRETE

- 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. Application to still damp surfaces is acceptable however free standing water must be removed.

Second Coat

Apply after 1st coat has dried at 400-500 sq.ft./gal (10-12.5 m²/L).

TOPCOATS AND ADHESIVES

Certi-Vex AC 30 cured concrete can be topcoated with a choice of paint, adhesives and mastics, a minimum of 28 days after application. It is recommended that a test area be applied prior to coating the entire surface, since products can adhere to concrete in varying degrees. Check with the manufacturer of the topcoat for any precautionary and compatibility information.

SPECIFICATIONS/COMPLIANCE

- VOC <700 gr/L or 5.84 lb/gal
- Meets
  - US EPA AIM- Cure & Seal Treatment
  - ASTM C 1315 Type 1, Class B
  - AASHTO M-148
  - ASTM C 309 Type 1 Class A&B
  - Meets ADA and ASTM D 2047 non-slip
- USDA approved
- Federal specification TTC0800A (GSA FSS) Type 1

MAINTENANCE

Spills should be removed promptly and cleaned. Sealed areas should be cleaned regularly, use Certi-Vex Super Degreaser & Cleaner for all products that are not available by contacting Vexcon Chemicals directly, or our distributors.

VITAL STATISTICS

- Flash Point (TCC) 106º F (41ºC)
- Boiling Point (706 mmHg) 310-403 F (154-207ºC)
- Autoignition Temp Above 473º F (245ºC)
- Extinguishing Media Foams, Dry Chemical, CO2, Water may be used to reduce the rate of burning and for cooling containers.

WARRANTY
LIMITED WARRANTY: Vexcon warrants for a period of one (1) year from the date of manufacture that the goods supplied hereunder shall be of standard quality and free of defects, and conforms to (a) Vexcon's published specifications in effect on the date of acceptance by Vexcon of the order, and (b) the sample which has been made available for testing by buyer prior to sale. Any claim under this warranty must be made in writing to Vexcon Chemicals within sixty (60) days after such non-conformity is first discovered. The EXCLUSIVE REMEDY for any breach of this Limited Warranty, Vexcon at its option shall replace nonconforming goods or refund the purchase price. Since methods of use and application are beyond Vexcon's control, this Limited Warranty is in lieu of all other warranties expressed or implied, including but not limited to, those concerning merchantability or fitness for a particular purpose. THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER POSSIBLE LIABILITIES OF VEXCON, WHETHER ALLEGED TO ARISE BY AGREEMENT OR BY OPERATION OF LAW, RESPECTING THE SALE, APPLICATION, USE OR FUNCTION OF VEXCON'S PRODUCTS, INCLUDING BUT NOT LIMITED TO CLAIMS OF NEGLIGENCE, GROSS NEGLIGENCE, MISUSE, STORAGE DAMAGE, MISAPPLICATION, ACCIDENT, STRICT LIABILITY OR ANY OTHER TORT. No person is authorized by Vexcon to assume for it any other liability of any kind in connection with the sale or use of products manufactured and sold by it, and there are no oral agreements or warranties collateral to or affecting any sale or use. All of the foregoing arises under the substantive law of Pennsylvania without regard to principles of conflicts of laws.

LIMITATION OF LIABILITY: IN ALL EVENTS VEXCON'S LIABILITY SHALL BE LIMITED TO THE PURCHASE PRICE OF PURCHASED PRODUCTS. IN NO EVENT SHALL VEXCON BE LIABLE FOR PERSONAL INJURY OR PROPERTY DAMAGE, REAL OR PERSONAL, ATTRIBUTED TO ITS PRODUCTS, NOR FOR ANY EXCAVATION, REMOVAL, REAPPLICATION, DOWN TIMES, CLEANUP, LOSS OF USE, LOSS OF OPPORTUNITY, LOSS OF MARKET VALUE, LOSS OF RENTAL VALUE OR FOR ANY LOSS OF PROFITS OR OTHER SPECIAL, INCIDENTAL, RESULTING, CONSEQUENTIAL OR EXEMPLARY DAMAGES.

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