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Protecting and improving concrete since 1974
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CERTI-VEX ®AC1315 BEADING FLAT

ACRYLIC CURING AND SEALING COMPOUND
NON-YELLOWING • HIGH SOLIDS •NON GLOSSY
VOC content: 673 gr./liter or 5.62 #/gal. – Cure & Seal

DESCRIPTION

CERTI-VEX AC1315 BEADING FLAT is a stabilized styrene acrylic co-polymer based non-yellowing curing and sealing compound that is tough, chemical resistant, water repellent, dustproof, long lasting and non-glossy. Ideal for applications where a non-yellowing semi-gloss matte appearance is desired on horizontal or vertical concrete masonry, stamped and decorative concrete surfaces. Certi-Vex AC1315 Beading Flat is formulated from styrene acrylic co-polymer resins specially manufactured in-house to yield a non-yellowing film. Independent lab analysis confirms that the product's non-yellowing characteristics out last and out perform competitive products and equals the performance of pure acrylic systems. Certi-Vex AC1315 Beading Flat features Vexcon's breathable technology which allows moisture vapor to pass through rather than becoming trapped, preventing whitening, pealing and flaking. Meets the requirements of the Resilient Tile Institute and the Tile Adhesion Test Requirements of ASTM-C 1315.

BENEFITS

- Non-gloss appearance
- Non-Yellowing - Surface remains clear
- Provides for complete development of concrete's wear resistance and strength properties
- Seals and hardens surface, reducing clean up and maintenance
- Excellent stain protection against attack by alkali, oil, salt, cleaners and common industrial chemicals
- Prevents efflorescence, dusting and spalling
- Vexcon breathable technology
- Apply to damp surfaces without whitening or loss of adhesion

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:**
  - Mechanically mix before each use.
  - 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** then flush with water. 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:**
  - Mechanically mix before each use.
  - For best results use **Vexcons 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 notes section.

VERTICAL

- Begin applications from the highest point.
- Apply a significant amount of product to completely absorb and cover the surface area and to allow a run down of 12 inches.
- Succeeding passes must lap the previous run down. Do not over apply.
- Check dried area for absorption and apply a second coat if necessary.
- Do not allow film to build on surface. Coverage depends on porosity, 100-300 sq./ft./gal.

CURING AND SEALING NEW CONCRETE

- Apply Certi-Vex AC1315 Beading Flat 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 m^2/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 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 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.
- Apply at 400-500 sq.ft. /gal (10-12.5 m^2/L) on hard non-porous floors and 250-300 sq.ft. /gal (6.2-7.5 m^2/L) on porous floors.

SECOND COAT

Apply after 1st coat has dried at 400-500 sq.ft. /gal (10-12.5 m^2/L).

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.

SPECIFICATIONS/COMPLIANCE

- ASTM C 1315 Type 1, Class A
- ASTM C 309, Type 1, Class A&B
- Federal specification TT-C-800-A (GSA-FSS) Type 1
- USDA approved
- Meets USEPA AIM VOC regulations
- Meets ADA and ASTM 2047 non-slip
- ASTM G154 – passes Class A 300 hour UV resistance

TOPCOATS AND ADHESIVES

Concrete cured with Certi-Vex AC1315 Beading Flat 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 the manufacturer of the topcoat for any precautionary and compatibility information.

SPECIAL NOTES

- To assist in application, note, 200 sq.ft./gal (5 m^2/L) is approximately equal to the thickness of a sheet of paper
- Will tend to show rubber burns
- Will cause bleeding of bituminous surfaces
- May enhance mottling of colored surfaces
- Not gasoline resistant, use **PowerCoat Epoxy** products
- Mix well before each use
- Do not apply more material per sq.ft. 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 Guide
- Over application my lead to surface discoloration and improper sealer performance
- Application of more than two coats is not recommended
- Shelf Life: If properly stored in its original sealed container, three years from date of manufacture. Rotate your stock.
- For use by experienced applicators

PACKAGING

Certi-Vex AC1315 Beading Flat is available in 55-gallon drums and 5-gallon pails. Contact Vexcon for customized packaging options.

VITAL STATISTICS

- Flash Point 106º F (41º C) Closed cup
- Boiling Point 310-403º F (154-221º C)
- Autoignition Temp Above 473º F (245º C)
- Extinguishing Media Foam, dry chemical, $C0_2$, water may be used to reduce the rate of burning and for cooling containers.

PHYSICAL PROPERTIES

• Wet appearance	Clear translucent	• Dry appearance	Clear
• Dry to touch	25 minutes	• Dry - tack free	65 minutes
• Foot traffic	24 hours	• Vehicle traffic	72 hours
• Solids	25% minimum		

Note: All calculations based upon 68-77° F (20-25° c).
Lower temperatures and relative humidity will extend dry times.

HEALTH AND SAFETY

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

Vexcon MSDS #PS108 is an integral part of the safety and application of our product. A short synopsis is provided in this product data sheet. Before using product obtain a copy of the MSDS, #PS108, from your distributor or by contacting Vexcon Chemicals.

CONTACT US @

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

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