DESCRIPTION
Certi-Vex AC 1315 Super Seal is a ready to use low VOC solvent based curing and sealing compound for new and existing concrete surfaces. Certi-Vex AC 1315 Super Seal leaves a clear hard protective coating and is an excellent cure material for long term concrete performance. Certi-Vex AC 1315 Super Seal provides good protection from the damaging effects of water penetration and staining. It also will enhance the color and impart an attractive gloss to colored and natural concrete surfaces.

Certi-Vex AC 1315 Super Seal feature Vexcon’s breathable technology which allows moisture vapor to pass through rather than becoming trapped, preventing whitening, peeling and flaking.

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 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:
• 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 run roller dry, keep a wet edge and do sections small enough to roll only once over wet material.
• Do not roll dry material this can cause the product to become stringy.
• Do not allow sealed area to become wet with water until dry. See dry times.

RECOMMENDED FOR
Ideal for both interior and exterior applications on new and existing concrete floors, stucco or decorative stamped and brick pavers, brick walls, architectural sections, and vertical poured walls. Prior to using this product, it is recommended to review Vexcon’s Acrylic Sealer Application Guide for Concrete, Technical Note TN191, available at vexcon.com.

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 StarSeal® EF Concrete Stripper.
• The concrete should be cleaned with StarSeal EF 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 StarSeal EF Safe Etch.
• There should be no freestanding water.
• Large cracks should be repaired using Powercoat® Epoxy Joint Sealant.

TOPCOATS AND ADHESIVES
Certi-Vex AC 1315 Super Seal cured concrete can be top coated with a variety of paint, adhesives and mastics, a minimum of 14 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.

APPLICATION RATE

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<th>1st Coat</th>
<th>2nd Coat</th>
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<tbody>
<tr>
<td>New concrete</td>
<td>200-300 sq.ft./gal (6.2-7.5 m²/L)</td>
<td>400-500 sq.ft./gal (10.12.5 m²/L)</td>
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<tr>
<td>Porous Existing concrete</td>
<td>200-300 sq.ft./gal (6.2-7.5 m²/L)</td>
<td>400-500 sq.ft./gal (10.12.5 m²/L)</td>
</tr>
<tr>
<td>Hard non-porous</td>
<td>400-500 sq.ft./gal (10.12.5 m²/L)</td>
<td>400-500 sq.ft./gal (10.12.5 m²/L)</td>
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CURING AND SEALING NEW CONCRETE
- Apply Certi-Vex AC 1315 Super Seal 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 concrete is allowed to dry use StarSeal EF Safe Etch to clean and prepare the surface.
- If application is delayed, concrete must be kept wet (preferably by water spray mist) until product can be applied.

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 StarSeal EF Safe Etch to improve sealer penetration. Application to still damp surfaces is acceptable however free standing water must be removed.

MAINTENANCE
Spills should be removed promptly and cleaned. Sealed areas should be cleaned regularly, use StarSeal EF Degreaser & Cleaner for all cleaning requirements. Periodic reapplication may be required as the sealer wears off.

SHORT SPECIFICATION
03 39 00: Basis of design, Low VOC solvent based acrylic curing and sealing compound. VOC content less than 350 grams/liter shall conform to ASTM C-309 Type 1 and ASTM C-1315 class A with minimum 25% solids content as manufactured by Vexcon Chemicals.

SPECIFICATIONS/COMPLIANCE
- VOC Content: <350 grams/liter or < 2.92 #/gal
- Meets the following clean air standards:
  - US EPA AIM - Concrete Curing and Sealing Compounds
  - OTC - Waterproofing Concrete/Masonry Sealers & Concrete Curing Compounds
  - LADCO/MRPO - Waterproofing Concrete Masonry Sealers & Concrete Curing Compounds
  - CEPA/EC - Waterproofing Concrete Masonry Sealers & Concrete Curing Compounds
  - CARB - Concrete Curing Compounds
  - SCAQMD - Rule 1113 - Concrete Curing Compound for roads & bridges only (not for use on curbs and gutters, sidewalks, islands, driveways and other miscellaneous concrete areas)
- ASTM C 309 Type 1 Class A&B
- ASTM C 1315 Type 1, Class A
- USDA approved
- Meets OSHA/ADA non-slip under ASTM D2047
- Meets Resilient and Ceramic Tile Institute specification for subsequent flooring applications.
- CSI: [03 35 00], [03 39 00]

VITAL STATISTICS
- Flash Point (TCC) >4.4°C (40°F)
- Boiling Point 98°C (208°F)
- Auto ignition Temp 518º C (964º F)
- Extinguishing Media Foams, Dry Chemical, C0 2, Water Fog

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.

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