ChemMasters®

Quality • Innovation • Service

Certi-Vex® AC1315 SuperSeal

25% Solids, Low-VOC, Solvent-Based, High Gloss, Non-Yellowing, Acrylic Cure & Protect for Concrete

P R O D U C T D A T A

DESCRIPTION

CERTI-VEX AC1315 SuperSeal is a 25% solids, low-VOC, solvent-based, acrylic cure and protect. The product is design to cure freshly placed concrete to achieve full design strength and durability. It also protects and enhances the appearance of both new and existing exterior concrete, including stamped, decorative, exposed aggregate concrete and architectural horizontal and vertical sections where a clear, high gloss and non-yellowing shine is required.

Certi-Vex AC 1315 SuperSeal provides protection from the damaging effects of freeze/thaw cycles, deicing chemicals and other contaminants. **Certi-Vex AC1315 SuperSeal** features breathable technology which allows moisture vapor to pass through rather than becoming trapped, preventing whitening, peeling and flaking.

USES

- Cure fresh exterior concrete where superior curing efficiency and non-yellowing performance are required.
- Protect existing concrete, particularly architectural or residential concrete exposed to freeze/thaw cycles.
- Enhance color and provide uniform appearance of dry shake hardened floors and stamped concrete.

ADVANTAGES

- Allows freshly placed exterior concrete to achieve maximum design strength and durability.
- High gloss, high solids formula.
- May be applied to damp surfaces without whitening or loss of adhesion.
- Coated surfaces are easier to clean and maintain.
- Excellent protection against staining or damage caused by exposure to salts, cleaners and common industrial chemicals.
- Reduces efflorescence, dusting and spalling.
- Recoatable

Packaging and Part Number		
5 gallon pail (18.9 L)	36 / pallet	FV1320.05
55 gallon drum (208 L)	4/pallet	FV1320.55

TECHNICAL DATA

- ASTM C1315, Type I Class A, (upon request ID & II) *Standard Specification for Liquid Membrane-Forming Compounds for Curing and Sealing Concrete*
- ASTM C309, Type 1, Class A & B (upon request 1D & 2) *Standard Specification for Liquid Membrane-Forming Compounds for Curing Concrete*
- AASHTO M-148, Type 1, Class A & B (upon request 1D & 2) Standard Specification for Liquid MembraneForming Compounds for Curing Concrete.
- Complies with National V.O.C. Emission Standards for Architectural Coatings, Federal EPA Regulation 40 CFR Part 59 and lower VOC regulations @ < 350 g/L
- Meets USDA requirements for incidental food contact when fully cured
- Meets ADA and ASTM D2047 non-slip
- CSI: 03 35 00 & 03 39 00

Estimating Guide		
Condition	**ft^2/gallon**	**m^2/liter**
Porous Concrete	250 to 300	6.2 to 7.5
Non-Porous Concrete	400 to 500	10.0 to 12.5
Optional 2nd coat	400 to 500	10.0 to 12.5
Note: Increased absorptivity may require a second coat on porous substrates.		

Physical Properties	
Solids	25%
VOC content	<350 g/L
Flash Point closed cup	106°F (41°C)

Drying Time @ 70°F (21°C) with 50% R.H.	
Dry to _ condition	Hours
To touch	0.75
For Light foot traffic	24
For heavy traffic	72

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DIRECTIONS

Mixing: Do not dilute. **Certi-Vex AC1315 Super Seal** is packaged ready to use. Gently stir or agitate prior to use.

Surface Preparation: If using to cure fresh concrete, apply within two hours of bleed water dissipation when application will not mar the surface.

If applying to protect older concrete, clean thoroughly with high-pressure water and allow the concrete to thoroughly dry. Surface must be clean and free from dirt, dust, laitance, oil, grease, paints, curing agents, tilt up bond breakers, or other contaminants that would prevent proper adhesion. Joints to receive joint sealant should be masked or taped off prior to application.

Application: Apply uniformly leaving no pinholes or gaps. Do not allow the material to puddle.

Spray Apply: Use a low pressure, solvent resistant, airless sprayer equipped with a fan nozzle orifice of 0.030 to 0.035" at 1 gpm or a solvent resistant hand pressurized sprayer with a 'Cats Eye' nozzle (minimum orifice of 0.032"). The optimum spray pattern is an 8 to 12 inch fan. Hold sprayer tip 8 to 12 inches from the surface of the concrete.

Roller Apply: Use a short nap (1/4" max) solvent resistant roller. An optional second coat may be applied to a tack free surface at right angles to the first. Coating breathability will be reduced as film thickness increases. Thinner coats have improved aesthetic qualities.

CLEANUP

Clean tools immediately after use with **ChemMasters Coating Repair Solvent, Xylene** or xylol.

STORAGE

Store tightly sealed containers in a cool dry area away from direct sunlight and sources of heat or ignition. Shelf life is two years from date of manufacture.

LIMITATIONS

- For outdoor use only.
- Do not apply to joints or channels scheduled to receive elastomeric caulks.
- Do not use on surfaces to receive concrete overlays or toppings. Always test for compatibility and adhesion.
- Do not use as a bond breaker for tilt wall construction or on surfaces requiring rubbing.
- Do not apply to floors subjected to spills of gasoline or other strong organic solvents such as xylene, toluene, or lacquer thinner. Solvent, gasoline, hydraulic fluids, peanut oil, and cooking oils must be cleaned quickly to prevent softening of the membrane.
- Do not apply in the presence of foodstuffs. USDA approval pertains to fully cured material.
- Over application or applying in high temperatures may result in the formation of bubbles.
- Do not use if ambient or substrate temperature is below 40°F (4°C). For best results condition material to a minimum of 50°F (10°C) prior to application.
- Quality curing compounds and floor treatments may darken or highlight the subtle color variations naturally present in concrete. When the difference in shading is objectionable consult ChemMasters Technical Department prior to concrete placement

PRECAUTIONS: Not for indoor use.
Use outdoors only in a well ventilated area.

Danger: Flammable Liquid and Vapor. Harmful if inhaled. May cause respiratory irritation. May cause drowsiness or dizziness. May be fatal if swallowed and enters airways. Toxic to aquatic life with long lasting effects. **Precautionary Statements:** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground and bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use non-sparking tools. Take action to prevent static discharges. Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

All label precautions and Safety Data Sheet must be fully understood before using this product.

Keep out of reach of children.
For professional use only