

## **CL-637**

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### **HIGH SOLIDS CONCRETE AND MASONRY SOLVENTBORNE ACRYLIC SEALER**

#### **DESCRIPTION:**

CL-637 is a high solids solventborne acrylic sealer designed to permanently seal concrete and masonry surfaces. Application of CL-637 provides a non-yellowing "patina gloss" finish which will protect the surface from water, dust, stains, and dirt. CL-637 may be used on new and old outdoor surfaces. CL-637 provides high gloss color enhancement for stained, integrally colored concrete, cementitious terrazzo and porous masonry surfaces.

#### **LIMITATIONS:**

- This product is for professional use only.
- CL-637 is not VOC compliant in all areas. Before use, consult state, and local regulations to determine if this product complies with VOC regulations in your area. VOC content = 657 grams per liter.
- Do not apply CL-637 to dense stone, including bullnose brick, dense slate, glazed tile, glass or metal. Consult SURTEC if in doubt.
- CL-637 is not for use in areas under high hydrostatic pressure.
- CL-637 is not for use on interior surfaces with a suspected high moisture vapor transmission rate, i.e., greater than 5 pounds per 1000 sq. ft. per 24 hrs. Test if in doubt.
- Apply thin to medium coats. Heavy coats will result in softer cured films, due to slow or incomplete solvent evaporation.

#### **SURFACE PREPARATION:**

Surfaces shall be clean, dry, structurally sound, and free of dirt, grime, stains and other foreign substances (cement laitance, efflorescence, oils, silicones, all other waterproofing materials, form release agents, curing compounds, etc.). Previously applied sealers, and cure and seals should be removed, unless compatibility with CL-637 has been determined with an on-site mockup test. For hard trowelled, dense concrete, grinding or etching of the concrete is required. For etching use SURTEC SUPER ETCH or properly diluted SUPER ETCH PLUS according to directions. The prepared surface should show rapid absorption of water and uniform darkness when wet. Water beading indicates that further preparation is necessary.

#### **APPLICATION:**

CL-637 should be applied undiluted by heavy nap roller, lambswool applicator or T-Bar applicator. Apply to surface thoroughly and uniformly without puddles. Apply only thin to medium coats, as heavy coats will result in softer cured films due to slow or incomplete solvent evaporation. For best results, apply as "wet" as possible (without puddling) with a minimal amount of rolling or stroking to avoid streaks and "cobwebbing" of drying sealer. Apply at least two coats to ensure complete sealing and to achieve a uniform appearance. For best results, allow 4 hours of cure time for each coat before recoating in order to prevent intercoat attack and possible bubbling from trapped solvent.

# **SURTEC, Inc.** *Surface Technology*

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## **CL-637:**

### **APPLICATION (continued):**

For both interior and exterior application, the temperature should be between 55° F and 85° F. For exterior application: the temperature should be at least 5° above dew point. If possible, avoid application in direct sunlight. In Summer/Fall weather, apply in the morning to midday to avoid application to a hot surface. In Winter/Spring weather, plan the application for a 5 day period that allows at least two days of complete dry time for the slab prior to application, and at least two days of cure time for the applied CL-637 before it is exposed to rain. Do not apply under windy conditions.

### **SPECIFICATIONS:**

COLOR: .....	Clear
ODOR: .....	Aromatic solvent
SPECIFIC GRAVITY / DENSITY: .....	0.91 / 7.59 pounds per gallon
SOLIDS: .....	27.5%
FLASH POINT: .....	82° F. (C.O.C. Method)
COVERAGE: .....	
Smooth surfaces, e.g., prepared hard trowelled concrete: .....	300 to 400 square feet per gallon per coat
Rough surfaces, e.g., broom trowelled concrete or stamped concrete: .....	200 to 300 square feet per gallon per coat
DRYING TIME (at 68°F., 50% RH):	
Dry to the touch .....	1/2 - 2 hours
Recoat .....	4 hours
Open to light traffic .....	24 hours
Open to heavy traffic .....	3 - 7 days
LEVELING: .....	Excellent
VISCOSITY: .....	23 seconds (Zahn cup # 1), <10 cps.
V.O.C. CONTENT: .....	657 grams per liter
SAFETY: .....	Exceeds slip resistance requirements (ASTM Test D- 2047)
PACKAGE SIZES: .....	4 x 1 gallon cans per case
.....	5 gallon pails
.....	55 gallon drums

**⚠ WARNING:** This product can expose you to chemicals including ethylbenzene and benzene which are known to the State of California to cause cancer, and toluene which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov/product](http://www.P65Warnings.ca.gov/product).

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**SURTEC warrants this product to be of consistent quality. SURTEC'S warranty is limited to the replacement of product proven defective. The user assumes all other risks and liabilities resulting from the use of this product. If you have any questions, please call SURTEC at (209) 820-3700.**