

CL-621

CL-621

LOW VOC CONCRETE AND MASONRY ACRYLIC SEALER

DESCRIPTION:

CL-621 is a low-VOC solventborne acrylic sealer designed to permanently seal concrete and masonry surfaces. Application of CL-621 provides a non-yellowing high gloss finish which will protect the surface from water, dust, stains, and dirt. CL-621 may be used on new and old outdoor surfaces. The carrier solvents used in CL-621 are balanced to create a low viscosity, deep penetrating and quick drying sealer that is ideal for low build roller and pump-up spray and back-roll applications. CL-621 provides high gloss color enhancement for stained, integrally colored concrete, and porous masonry surfaces. On-site mockup tests are highly recommended to confirm that appearance requirements will be met and to determine both appropriate surface preparation and application techniques.

LIMITATIONS:

- This product is for professional use only.
- Due to high flammability, CL-621 is not recommended for interior application.
- Do not apply CL-621 to dense stone, including bullnose brick, dense slate, glazed tile, glass or metal. Consult SURTEC if in doubt.
- CL-621 is not for use in areas under high hydrostatic pressure.
- Apply thin to medium coats. Heavy coats will result in softer cured films, due to slow or incomplete solvent evaporation.
- For low gloss (satin) finish Surtec AC-696 Flattening Agent may be added, but should not be added to the first coat as the increase in solids will decrease penetration into the substrate and diminish adhesive strength.

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-621 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:

Apply CL-621 only to CLEAN, DRY surfaces. CL-621 is best applied undiluted by pump-up spray and backroll technique with a high quality, lint-free roller. Note: pump-up spray alone may not induce sufficient penetration of the sealer to promote adequate adhesion, i.e., working the sealer into the surface with the roller will offer better results. 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*

1880 N MACARTHUR DR. TRACY, CA 95376 Phone (209) 820-3700 Fax (209) 820-3793

CL-621

APPLICATION (continued):

Application temperature should be between 55° F and 80° F, and 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-621 before it is exposed to rain. Do not apply under windy conditions.

SPECIFICATIONS:

COLOR:	Clear
ODOR:	Sweet, solvent
SPECIFIC GRAVITY / DENSITY:	1.02 / 8.5 pounds per gallon
SOLIDS:	22%
FLASH POINT:	-1° F. (T.C.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	2 - 3 days
LEVELING:	Excellent
VISCOSITY:	29 seconds (Zahn cup # 1). 10 cps.
V.O.C. CONTENT:	99 grams per liter. Complies with all Federal, CA and OTC regulations
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 parachlorobenzotrifluoride, 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.

rev. 12/09/20

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.