



# COUNTERFORM

CONCRETE COUNTERTOP SOLUTIONS

## Z Liqui-Crete

**DESCRIPTION:** The Z Liqui-Crete conversion kit is a multi-component admixture kit for converting a standard 60 lb bag Sand/topping mix into a flowable, high performance, high strength concrete countertop mix. Each Z Liqui-Crete admix is precisely measured for a consistent blend of cements, pozzolans, and other proprietary materials which will produce significantly higher strength and reduced set times over the standard mix. Ideal for use in both cast in place and precast application. Z Liqui-Crete contains a unique fiber that creates an internally bonded network that improves incidental crack resistance.

**COMPOSITION:** Proprietary blend of cements, acrylic fibers, pozzolans, and rheology modifiers.

Working and Performance Properties @ 75°F - Approximate Values of Full 69 LB Mix Load	
Working Time:	2-4 hours
Initial Set:	1-2 hours
Final Set:	6 hours
Compressive Strength @ 24hrs, 7days, 30 days:	3500, 6000, 8000 psi
Coverage of combined kit:	3.9 sq. ft. @ 1-5/8" thick (standard Z Counterforms)

**Mixing:** In a large mixing container or 5 gal. bucket combine 2 quarts of water, one Z Liqui-Crete pack and any optional integral colors. Thoroughly mix for one minute to evenly disperse the acrylic fibers and avoid clumping. Next, add 2 more quarts of water to the bucket and then slowly add in a 60 lb. bag of CONCRETE SAND MIX while mixing. It is important to add the dry ingredients to the wet. Mix thoroughly with an auger or paddle type mixer for approximately 2 minutes or until all ingredients are completely blended. Up to 1-2 additional quarts of water may need to be added to obtain a thick batter consistency (5-6 quarts total). Water volume will vary depending on pre-bagged sand mix and environmental factors. DO NOT over water. It is always safer to err on the drier side. Pre-bagged mixes which contain larger aggregate can be used and may require slightly less water.

**Curing:** Allow the concrete to cure for 24 hours before forms are stripped. Allow a full 48 hours before grinding or polishing. If working outdoors in high heat or direct sunlight, it can be helpful to keep the concrete cool and damp for the first 24 - 48 hours of curing. This will slow the cure process and help prevent shrinkage cracks.

**WARNINGS:** Contains cement and silica, avoid inhalation of dust. Wear gloves, safety goggles, and NIOSH/MSHA approved dust respirator during mixing and placement. Use only with adequate ventilation. Do not take internally. Avoid prolonged contact with skin. FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN. If inhalation or exposure causes any physical discomfort or irritation that persists, SEEK MEDICAL ATTENTION.

**NPCS HMIS SAFETY RATINGS:** HEALTH = 2, FLAMMABILITY = 0, REACTIVITY = 0, PROTECTION = E

**PACKAGING:** 9 lb box. Available in 6 pack. 250 per pallet.

**STORAGE:** 40o to 90o F. Store in a dry place.

**SHELF LIFE:** 1 year properly stored

**FREIGHT CLASS:** Item 42130, Sub O, LTL 55

**LIMITED WARRANTY:** This product is warranted to be of merchantable quality when used according to the instruction herein. It is not warranted to be suitable for any purpose or use other than the general purpose for which it is intended. Liability under this warranty is limited to the replacement of the product as purchased, if found to be defective upon inspection by the manufacturer. This limited warranty is issued and accepted in lieu of all other expressed warranties and explicitly excludes liability for consequential damages. Buyer assumes all risk and liability resulting from the use of this product. **ALWAYS PRODUCE A TEST PIECE BEFORE USE.** Designed for use with common variety 4000 psi mix similar to but not limited to Quickcrete or Sakrete brands.