



COUNTER-PACK™

CONCRETE COUNTERTOP SOLUTIONS

DESCRIPTION: The Z Counter-Pack conversion kit is a multi-component admixture kit for converting a standard 60 lb bag concrete mix into a high performance, easy to finish concrete countertop mix. Each Z Counter-Pack kit is precisely measured for a consistent blend of cements and other proprietary materials which will produce significantly higher strength and reduced set times over the standard mix. Ideal for use with either precast or cast in place applications.

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

WORKING AND PERFORMANCE PROPERTIES @ 75°F (24°C) APPROXIMATE VALUES OF FULL 67.5LB MIX LOAD

Working time:	2 hours
Initial set:	1-2 hours
Final set:	6 hours
Compressive strength 24 hrs, 7 days, 30 days:	3500, 5500, 7000 psi
Coverage of combined kit:	3.75 sq. ft at 1-5/8 inches thick

OVERVIEW: Each 7.5 lb kit will combine with one 60 lb bag of standard concrete mix and 4 to 5 qts of water. **MIXING:** Place Z Counter-Pack mix into a clean 5 gallon bucket or larger mixing vessel. Add 1 qt of water and blend for 30 seconds. Add the remaining water and the 60 lbs of concrete and any optional integral color and blend thoroughly with an auger type paddle for 2-3 minutes. Take care to scrape the sides of the container as you go. User may adjust water to the desired consistency of the mix but do not exceed 5 quarts per batch. Do not add previously mixed material to new batches, and do not re-temper or add additional water to previously mixed material to gain plasticity. **Water may be tailored to personal preference and can range from 128 oz. min to 160 oz. max.** **PLACEMENT:** Make sure all forming, bracing and edging materials are properly in place before mixing material. If using rebar for reinforcement, keep it placed at least 1/4 inch below the surface that is going to be exposed after finishing to avoid ghosting. Once placement has begun, be sure to continue mixing and filling the mold until completion, avoiding any long delays between batches to avoid the possibility of "cold joints". It is usually best to fill the molds from the bottom to the top instead of end to end especially if you are using integral colors in the batches. Vibration is always recommended to reduce the chances of bug holes on the edges and bottom surface. It may also be advisable to "tamp" the aggregate down below the surface to reduce the chances of surface irregularities. **CURING:** After finishing is complete, allow to cure for 24 hours. Pieces can be demolded and handled carefully in 24 hours. Pieces can be ground/polished in 48 hours.

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: 7.5 lb. bag, 4 per box) , 100 / pallet

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

SHELF LIFE: 1 year properly stored

FREIGHT CLASS: Item 42130, Sub O, LTL 50

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.