



# COUNTERFORM

CONCRETE COUNTERTOP SOLUTIONS

## WHITE COUNTERTOP MIX

### Product Description

Z Counterform Countertop Mix is a pre blended, all in one, high strength castable concrete mix designed for creation of concrete countertops. Z Countertop Mix offers the very best graded blend of aggregates, Portland cement and proprietary admixtures to insure no curl, shrink or deformation. The use of a specialized acrylic fiber network and ultra low water addition make Z Counterform Countertop Mix the perfect choice for both your precast and cast in place designs.

### Features and Benefits

- White blend for optimum color enhancement
- Non-sticky mix design for easier finish completion without aggravation
- Non intrusive reactive fiber system for improved tensile strength
- Quick cure time allows for grinding and polishing 24 hrs later
- Works with all stains, integral colors and hardeners

### Typical Application

Z Counterform Countertop Mix excels at both cast in place and precast design applications. It mixes, pours, flows, and fills better than any other high performance mix on the market. Its proprietary fiber network provides great tensile strength allowing greater spans and unsupported segments than most other conventional mixes. The white base color provides unlimited design potential.

### Technical Information

Specifications listed for product used at 70 degrees and no adverse conditions.

Initial set.....	2 hrs
Final set.....	5 hrs
Coverage per 50 lb bag.....	2.5 sq ft @ 1-5/8" • 2.3 sq ft @ 2" • 2.8 sq ft @ 1-1/2"
Yield per 50 lb bag.....	0.43 cubic ft
Compressive strength.....	4200 psi at 24 hrs
.....	8300 psi at 7 days
.....	9200 psi at 28 days

## Instructions

Always make a sample piece with Z Counterform Countertop Mix (or any new product) before officially using to learn certain product Characteristics and how they relate to your work flow.

**MIXING:** Add 32 oz. of water per bag to the bottom of a mixing pail and begin to add in the Z Counterform Countertop Mix. Continue to mix and continue to add water up to 80 ounces (2.5 qts). The resulting mix should be of a pourable batter like consistency. Continue to mix for one minute with a total mixing time about 3 minutes. Remember a small amount of additional Water can make a big difference in mix properties. If adding integral color to the mix be very careful to add precisely the same amount of color to each batch to avoid any noticeable color differences on the final surface. When placing material in mold it should flow and fill gaps and spaces with minimum effort needed. It is always a good idea to use proper vibration techniques for good edge consolidation as necessary. Do not hard trowel the surface until after initial set is obtained. The use of a magnesium trowel rather than steel is recommended to avoid burning the surface. Do not overwork the final surface to avoid trowel burn unless that is your desired outcome. Try to cover with a thin sheet of poly overnight once troweling is complete. Avoid direct sunlight, high air movements and wind, or high heat which can lead to shrinkage or increased chance of curling. For precast pours allow the mix to cure for 24 hours, then lift the slabs onto cantilever type racking to allow the bottom to air cure evenly with the top surface, if possible. **NOTE OF CAUTION.** The proprietary fibers used for this mix may become barely visible on the surface after troweling to a finish. They will remove naturally through the grinding and polishing process. If choosing to retain just a natural hard trowel finish, fibers may be quickly and safely removed by quick wafting with an ignited propane torch an inch or so above the surface. This is to be done prior to the application of any sealers which may be flammable.

**FINISHING:** Allow the surface to cure for at least 24 hours before grinding and polishing. Final sealing/treating options can be use of a penetrating sealer/densifier or a topical "film" sealer such as an acrylic, polyurethane or polyurea. Allow this surface to cure for 3-4 days before sealing. If polishing allow the concrete to cure for a minimum of 24 hrs at normal temperatures before starting. If needed use a slurry mix like Z Counter-Patch to fill voids near the end of the polishing process.

**CAUTIONS:** Do not mix more material than can be placed in 20-30 minutes. The temperature of the mixed material should be between 60 °F to 80 °F for ideal working properties. Use only potable water for mixing. Clean mixing equipment between batches. When mixing material, the water-to-powder ratio is very critical, do not vary the specified water amount or over water. Do not apply to overly cold or hot surfaces. Colder temperatures will extend open time and reduce rate of strength gain. Counter tops made with Z Counterform Countertop Mix are subject to typical concrete staining, wear and abrasion, and should always be sealed for added surface protection, pigment color retention and scratch resistance.

**WARNINGS:** Contains cement and silica, avoid inhalation of dust. Wear gloves, safety goggles, and OSHA approved dust respirator during mixing and placement. Refer to product M.S.D.S. (Material Safety Data Sheet) for additional safety information. Do not take internally. Avoid prolonged contact with skin. **FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN**

**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.