



## Technical Data Sheet (TDS) – Active Elements – Countertop Additive

Active Elements – Countertop Additive is a power pack for making concrete countertops when using a standard 80 lb concrete mix. Active Elements – Countertop Additive gives you all the specialty components needed to make a high-performance concrete mix.

### BENEFITS OF USING ACTIVE ELEMENTS – COUNTERTOP ADDITIVE

- Lightens color
- Increases strength
- Adds fine particles for a denser top finish
- Reduces shrinkage
- Improves finishing characteristics
- Accelerates set time
- Decreases the water-to-cement ratio

### SQUARE FOOTAGE YIELD CALCULATIONS

Countertop Thickness	(1) 80# bag + (1) C-Top Admix
1"	7.0 sq ft
1.5"	5.25 sq ft
2"	3.5 sq ft
2.5"	1.75 sq ft

### MIX RATIO:

(1) package of Active Elements – Countertop Additive to (1) 80 lb. concrete bag mix.

### MIXING

In a rotating drum mixer, add the recommended amount of water called for by the manufacturer of the bag mix concrete. Slowly add half of the bag mix; next add the entire Active Elements – Countertop Additive container contents. Once thoroughly mixed add the remainder of the bag mix. Add small amounts of water as needed to reach the desired consistency of the mix. Keep in mind the less water used the stronger the resulting countertop. Too dry of a mix though is much more difficult to consolidate and eliminate air pockets. It is a balancing act, the best way to tune the total amount of water needed for your mix is to pour a test slab.

If mixing multiple bags of concrete at a time use the same procedure. Add all water as called for by the bag mix manufacturer then add half of the bag mix. Add all required Active Elements – Countertop Additive containers (1 per bag sack mix) mix thoroughly, add remaining bag mix, then add water to reach the desired consistency.

**WARNING:** HARMFUL IF INHALED. THIS PRODUCT CONTAINS SILICA (CRYSTALLINE QUARTZ) AND PORTLAND CEMENT. DO NOT BREATHE DUST. PROLONGED EXPOSURE CAN RESULT IN SILICOSIS. USE WITH ADEQUATE VENTILATION. PORTLAND CEMENT IS IRRITATING TO EYES AND SKIN AND MAY CAUSE ALKALI BURNS. ALWAYS USE PROTECTIVE GLASSES, GLOVES AND DUST MASK (NIOSH/MSHA TC- 21C APPROVED). IMMEDIATELY AFTER USE WASH ANY AREA OF EXPOSED SKIN. IF CONTACT IS MADE WITH EYES FLUSH THOROUGHLY WITH WATER, DO NOT RUB. IF INHALED, MOVE TO FRESH AIR. IF SYMPTOMS DEVELOP OR PERSIST, OR IF INGESTED, SEEK MEDICAL ATTENTION. DO NOT TAKE INTERNALLY. KEEP OUT OF REACH OF CHILDREN AND ANIMALS. DISPOSE OF ALL RESIDUAL MATERIALS ACCORDING TO LOCAL, STATE, AND FEDERAL REGULATIONS.