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COUNTER-FLO COUNTERTOP ADMIXTURE

Fritz-Pak Counter-Flo Concrete Countertop Admixture is a mixture of water reducers and mineral admixtures specifically designed for use in the production of concrete counter tops and statuary. It makes concrete more flowable for easy placement without additional water, allowing you to reduce the water/ cement ratio in your mix. Lower water content provides a denser and less permeable concrete, making the concrete less prone to staining. Use of Counter-Flo creates a mix with fewer air bubbles that will yield a better pattern definition.

ADVANTAGES

- Improved finishability
- Reduced risk of cracking
- Easier concrete placement
- Better pigment dispersion in the concrete mix

CERTIFICATIONS

There are no applicable standards for this product.

PACKAGING:

ITEM NUMBER	WEIGHT	BAGS PER CASE	CASES PER PALLET
99614	8 pounds	1	120
99615	8 pounds	4	30

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DOSAGE & DIRECTIONS

Preferably, Counter-Flo should be added to the dry concrete or mix materials before adding water. Blend thoroughly within the dry materials and proceed mixing the concrete normally, but using about 20% less water. If added to wet concrete, sprinkle over all the concrete to avoid areas of high concentration, then mix well for 5 minutes to allow the active ingredient to hydrate and disperse within the concrete.

FOR PRE-BAGGED CONCRETE

Use 1 level scoop (2-oz volume) per 80-pound bag of concrete. For higher water reduction you may increase the dosage rate, but do not exceed 3 scoops per bag of concrete.

FOR SITE-MADE CONCRETE

Determine the total amount of cement in your mix and add 1 level scoop (2-oz volume) for each 20-pounds (9 kg) of cement.

FOR MODIFIED PRE-BAGGED CONCRETE

Add enough Counter-Flo for the pre-bagged concrete and then add Counter-Flo for the additional cementitious material added. Add one level scoop for each bag of pre-bagged concrete and 1 additional level scoop for every 20 lbs of cementitious materials. Cementitious materials include fly-ash, silica fume, slag or calcined clay; include them as part of the cement weight in order to determine the number of scoops to use.

PIGMENTS

If pigments are used in your mix, add Counter-Flo before or at the same time as pigments are added. Counter-Flo will help disperse the pigments within the mix.

TIMING AND RE-DOSING

Counter-Flo will gradually lose its effect within about 45 minutes of adding water (faster in warm climates >80°F). If affects wear off , fresh unplaced concrete may be re-dosed to regain the flow.

FREQUENTLY ASKED QUESTIONS

QUESTIONS	ANSWERS
What does Counter-Flo do to concrete?	It makes it easier to place, reduces water, increases strength, and reduces shrinkage cracks to produce a smoother finish.
Will it change the set time?	No, it will not slow or speed up the set.
Will Counter-Flo change the concrete strength?	Yes, it will increase strength and durability.
Does concrete made with Counter-Flo require special curing?	No, cure as you normally would.
Will Counter-Flo affect my colored concrete?	No, Counter-Flo is a white powdered material and will not affect concrete color.

COMPATIBILITY & STORAGE

Counter-Flo is compatible with most concrete and cement admixtures. If adding other admixtures, they should be added separately into the mix. Counter-Flo does not contain calcium chloride, nitrates or other potentially corrosive materials. Keep the unused powder dry. Close container tightly when not in use. Avoid keeping the container open in areas of high humidity. If the material absorbs moisture and becomes lumpy (not free-flowing), discontinue its use. Counter-Flo is not subject to damage from freezing.

WARRANTY

The information and recommendations in this publication are, to the best of our knowledge, reliable. Suggestions made concerning uses or applications are only the opinion of Fritz-Pak Corporation. Users should make their own tests to determine the suitability of these products for their own particular purposes. Fritz-Pak Corporation makes no warranty of any kind, expressed or implied, including those of merchantability and fitness for purpose. Statements herein, should not be construed as representations or warranties. The responsibility of Fritz-Pak Corporation for claims arising out of breach of warranty, negligence, strict liability, or otherwise are limited to the purchase price of the materials.

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