

CONCRETE COUNTERTOP ADMIXTURE

ADVANTAGES

- Counter-Flo makes concrete more fluid with less water.
- Strengthens concrete.
- Reduces water.
- Reduces cracking.
- Smoother finish.
- Makes concrete easier to place.
- Comes in an 8-lb reclosable plastic container.
- 2-oz. measuring scoop included for easy dosing.
- Specially designed for concrete countertops and statuary.

DESCRIPTION

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 countertops and concrete statuary. It makes concrete more flowable for easy placement without adding additional water, allowing you to reduce the water:cement ratio in your mix. By lowering water content you achieve higher compressive and structural strength, thus allowing faster demolding and a faster cure. Lower water content will also provide a denser and less permeable concrete, making the concrete less prone to staining. Use of Counter-Flo allows you to place a relatively wetter concrete, reducing the amount of air bubbles, so concrete will yield a better pattern definition.

DIRECTIONS AND DOSAGE

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-lb 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 lbs (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.

NOTES

Good Practices. Always follow good concreting practices when using Counter-Flo. We recommend the practices of the American Concrete Institute, (ACI), the American Society of Concrete Contractors (ASCC) or the Portland Cement Association (PCA).

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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 effects wear off, fresh unplaced concrete may be re-dosed to regain flow properties.

PACKAGING

- 8-lb (3.63-kg) re-closable plastic container with a 2-oz. measuring scoop, 4 containers per case, 36 cases per pallet (item #99614)
- 8-lb (3.63-kg) re-closable plastic container with a 2-oz. measuring scoop, 1 container per case, 120 cases per pallet (item #99615)

COMPATIBILITY

Counter-Flo is compatible with most concrete and cement admixtures. If adding other admixtures, they should be added separately into the mix. Testing of compatibility with other admixtures is required prior to production use. Counter-Flo does not contain calcium chloride, nitrates or other potentially corrosive materials.

INGREDIENTS

Contains a proprietary blend of superplasticizers and micronized calcium carbonate.

WARNINGS

Avoid contact with eyes or skin. Flush with water if contact occurs. For further information, refer to our Material Safety Data Sheet.

FAQs

- Q. What does Counter-Flo do to concrete?
A. It makes it easier to place, reduces water, increases strength, and reduces shrinkage cracks to produce a smoother finish.
- Q. Will it change the set time?
A. No, it will not appreciably speed or slow the set.
- Q. Will Counter-Flo change the strength of the concrete?

- A. Yes, it will increase strength and durability.
- Q. Does concrete made with Counter-Flo require special curing?
A. No, cure as you normally would. (We recommend following the American Concrete Institute guidelines.)
- Q. Will Counter-Flo affect my colored concrete?
A. No, Counter-Flo is a white powdered material and will not affect concrete color.

STORAGE AND HANDLING

Keep the unused powder dry. Close container tightly when not in use. Store in a dry location, protected from breakage, deterioration and contamination. 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 temperatures.

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 and users should make their own tests to determine the suitability of these products for their own particular purposes. Because of numerous factors affecting results, Fritz-Pak Corporation makes no warranty of any kind, expressed or implied, including those of merchantability and fitness for purpose. Statements herein, therefore, 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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