

SLUMP REDUCING ADMIXTURE

ADVANTAGES

- Permits controlled slump reduction.
- Allows concrete placement on inclines.
- Excellent for forming curbs.
- Permits placing different flows from the same load.
- Minimizes segregation.
- Does not change water-cement ratio.
- Allows for maximum truck utilization.
- Faster discharge of concrete from trucks.
- Improves finishing characteristics.
- Easier placement of concrete in slip-form machines.

DESCRIPTION

Super Slump Buster is a dry powdered slump reducing admixture packaged in a patented, ready-to-use, water soluble bag. Super Slump Buster is uniquely formulated to provide the ready mix producer with an economical solution to a concrete mix with too high a slump for proper placement. Super Slump Buster is also environmentally safe and compatible with all conventional materials. It contains no cementitious materials, soaps or air entraining agents, and does not affect air content, strengths or water:cement ratio. Super Slump Buster is a viscosity modifier.



DIRECTIONS

1. Determine the amount of Super Slump Buster required. See Recommended Dosage Rate.

2. Add the required amount of Super Slump Buster to the mixed concrete at the job site.
3. Mix at full speed for 7-10 minutes to insure that the Super Slump Buster is uniformly dispersed throughout the mix. For better results let the mix rest 4-5 minutes for slump to be reduced.

RECOMMENDED DOSAGE RATE

Super Slump Buster should be dosed at the rate of one 8-oz (227-g) water-soluble inner bag per 4 yards for each 2-3 inches of slump reduction required. Lean mixes or gap graded concrete will require higher dosages of Super Slump Buster. Poorly designed concrete mixes with excessive water content might not experience corrected slump.

COMPATIBILITY

Super Slump Buster is compatible with all air-entraining admixtures as well as other conventional admixtures. When used with other admixtures, each one must be dispensed separately into the mix.

PACKAGING

- 8-oz (227-g) water-soluble bag, 60 bags per case, 42 cases per pallet (item #97180)

FAQs

- Q. What is Super Slump Buster?
A. It is a water thickener.
- Q. How does Super Slump Buster work?
A. As the water thickens, it is able to maintain particles in suspension better than just plain water. So the thickened water holds the cement, the cement paste holds the sand, and the sand holds the aggregates, thus reducing slump.
- Q. Does Super Slump Buster work the same in all mixes?
A. No. In mixes with low cement content, Super Slump Buster is less effective. Also gap-graded mixes slump differently than properly graded mixes. Reverse mixes (i.e. low aggregate, high sand content) also slump differently.

continued...

SLUMP REDUCING ADMIXTURE

- Q. Does Super Slump Buster increase the strength of concrete?
- A. No. Whatever amount of water was used in the mix does not change, so strength is not increased.
- Q. What standards does Super Slump Buster meet?
- A. Super Slump Buster falls in the category of Viscosity Modifying Admixtures (VMA). At present there are no ASTM standards for this group of materials.
- Q. Does Super Slump Buster affect set time?
- A. No.
- Q. Does it affect air entrainment?
- A. No.
- Q. What are the best applications for Super Slump Buster?
- A. Super Slump Buster is most commonly used in slipforming or curb mixes. Normally these mixes require a low slump. Low slump concrete is difficult to batch because just a small amount of excess water can increase the slump. So adding Super Slump Buster can easily correct the slump.
- Q. What is the mixing procedure of Super Slump Buster when adding to the concrete?
- A. We recommend 5 minutes of mixing at high speed to insure good dispersion throughout the concrete and then an additional 5 minutes at slow speed to allow for Super Slump Buster to develop its full thickening properties.
- Q. How long has Super Slump Buster been in the market?
- A. Super Slump Buster has been sold since 1994.
- Q. Can I use Super Slump Buster to pour concrete on an incline?
- A. Yes.
- Q. Can I pour concrete for flatwork first and then add Super Slump Buster to the same load to pour a curb of slip forming?
- A. Yes.

- Q. What is the maximum reduction in slump I can achieve using Super Slump Buster?
- A. 3-4 inches.

PRECAUTIONS

All Fritz-Pak Concrete Admixtures should be stored in a dry location, protected from breakage, deterioration and contamination. They are not subject to damage from freezing temperatures. Super Slump Buster affects slump; it is not a strength enhancer.

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.

U.S. Patents No. 4,961,790 and No. 5,120,367.

© 2005 Fritz-Pak Corporation