

Super Slump Buster

Viscosity Modifying Agent

Super Slump Buster is a dry, powdered slump reducing admixture packaged in a ready-to-use, **water-soluble bag**. It 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. It does not affect air content, strengths, or the water/cement ratio.



No 97180

MEETS STANDARDS

There are not applicable standards for this product.

PACKAGING:

SIZE	8 oz. Bags
BAGS/CASE	60
CASES/PALLET	42

ADVANTAGES

- Controlled slump reduction
- Place different slumps from the same load
- Minimized risk of segregation
- Improved finishing qualities



DOSAGE

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.

DIRECTIONS

1. Determine the amount of Super Slump Buster required. See Dosage section above.
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.

FREQUENTLY ASKED QUESTIONS

- Q.** What is the shelf life of Super Slump Buster?
A. If stored properly, about 3-6 years. If the material ever seems hard or caked, do not use it. It will not break up in the mix.
- 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, reducing slump.
- Q.** Can I use Super Slump Buster to pour concrete on an incline?
A. Yes.
- 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 gapgraded mixes slump differently than properly graded mixes. Reverse mixes (i.e. low aggregate, high sand content) also slump differently.
- 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 apply to Super Slump Buster?
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.** 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.

COMPATIBILITY & PRECAUTIONS

Super Slump Buster is compatible with most concrete and cement admixtures. When using more than one admixture, each product should be dispensed separately. Super Slump Buster does not contain calcium chloride, nitrates, or other potentially corrosive materials. Store in a dry location, protected from breakage, deterioration, and contamination. Super Slump Buster is not subject to damage from freezing temperatures.

WARRANTY

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