

Frequently Asked Questions

Q. Will it discolor the concrete?

A. No. In fact, adding Supercizer 5 before adding color will improve the mixing of color into the concrete.

Q. Will it change the set time?

A. No, it will not speed or slow the set.

Q. Will Supercizer 5 change the air content of my concrete?

A. No, at the recommended dosage rate, no change in entrained air content should occur.

Q. What standards does it meet?

A. It meets ASTM C-494 Type "F", AASHTO M-194 and CRD C-87 standards.

Q. What kind of shelf life can I expect?

A. If stored in a dry place, it should be good for two or more years. If the powder is still flowable, the product is good.

Q. Will it change my concrete strength?

A. If you use less water when adding Supercizer 5, your concrete will be stronger. If your water content is not changed, strength is not changed.

Q. Will it react with other admixtures?

A. No, Supercizer 5 is compatible with most other admixtures.

Q. Where can I get Supercizer 5?

A. It can be specified to your ready mix producer, or purchased from a variety of dealers and distributors. Call Fritz-Pak for assistance.



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Supercizer 5 Uses in Concrete



Adding a
Superplasticizer
at the Job Site



Supercizer 5

What is It?

Supercizer 5 is a High Range Water-Reducing Superplasticizer. It increases flow and improves workability, and allows you to reduce the amount of water in your mix by up to 25%. Like all Fritz-Pak concrete admixtures, it is packaged in a patented, water-soluble inner bag for easy addition at the job site.

When to Use It?

Use regularly on all jobs, shortly before concrete is placed. Superplasticizers have a limited time during which they work (usually 30-60 minutes). If they are added at the plant, some of this time may be wasted during transport and waiting on the job site.



Add Fritz-Pak products directly into the ready mix truck

See Fritz-Pak Product Bulletin # 113 for more technical information on Supercizer 5.

Advantages

There are many advantages for the concrete contractor who uses Supercizer 5.

- Addition of this product greatly increases the ease of placement, allowing you to focus your efforts. Supercizer 5 will give you workability without adding more water or changing your water-cement ratio.
- Because Supercizer 5 makes concrete temporarily more fluid, integral colors added to the mix will disperse much better. For this reason, Supercizer 5 should be added before dry colors.
- If you choose to use less water in your mix as a result of using Supercizer 5, your concrete will be stronger.
- Bleed water is reduced, resulting in fewer shrinkage cracks.
- Cohesiveness is improved, and concrete segregation is reduced, unlike adding water to the mix, which increases segregation.
- The increased flow allows easy placement in difficult access or heavily reinforced areas.
- Adding Supercizer 5 on the jobsite is superior to adding it or other superplasticizers at the plant because no time is lost in transit.

Directions for Use

Step 1: Calculate the number of bags to use. Use one 1.75-lb bag per yard of concrete.

Step 2: When the job site is ready add Supercizer 5. Remove the protective outer bags and place the entire inner water-soluble bags directly into the concrete in the mixer while it is running.

Step 3: Mix on high speed for 5-7 minutes to ensure the product is evenly dispersed.

Step 4: Add color, followed by other admixtures, if using them. Supercizer 5 is compatible with all standard admixtures. When using more than one type of admixture, each one should be dispensed separately into the mix.

Step 5: Place the concrete. Workability for placement will be greatly enhanced.

