FRITZ-PAK

SUPERCIZER 5

PREMIUM SUPERPLASTICIZER

Fritz-Pak Supercizer 5 is formulated to produce more flowable concrete with up to a 6 inch slump increase. When used as a high-range water reducer, Supercizer 5 will reduce water requirements up to 25%, increase concrete compressive strength, reduce permeability, and increase durability.

ADVANTAGES

- 25% water reduction
- Reduced segregation in mix
- Reduced shrinkage cracks
- 6 inch slump increase

CERTIFICATIONS

ASTM C 494 Type F; AASHTO M 194
CRD C 87

PACKAGING

ITEM NUMBER	WEIGHT	BAGS PER CASE	CASES PER PALLET
95600	1.75 pounds	24	24
95652	55 pounds	1	40

DOSAGE

Use a dosage rate equal to 1 to 7 ounces per 100 pounds of total cementitious materials (0.06 to 0.45%).

One 1.75-pound bag of Supercizer 5 is recommended for each cubic yard of concrete to increase the slump up to 6 inches or to achieve up to 25% water reduction. The slump gain will remain in effect for 30 to 45 minutes. The concrete will then gradually return to the original slump. Concrete temperature, ambient temperature, or the presence of accelerators or retarders can affect dosage rates. It is recommended that testing be done to determine the suitability of Supercizer 5 to your mix designs. Contact your local Fritz-Pak distributor for more information.

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DIRECTIONS

1. Determine the amount of Supercizer 5 required.

2. Remove the protective outer bag and add the inner, water-soluble bag to the concrete.

3. Mix at high speed for 5 to 7 minutes to ensure that the Supercizer 5 is uniformly dispersed throughout the concrete mix.

4. Concrete containing Supercizer 5 may be redosed if necessary.

FREQUENTLY ASKED QUESTIONS

QUESTIONS	ANSWERS
What is the shelf life of Supercizer 5?	If stored properly, about 1-3 years. If the material ever seems hard or caked, do not use it. It will not break up in the mix.
Will it discolor the concrete?	No. In fact, adding Supercizer 5 before adding color will improve the mixing of color into the concrete.
Will it change the set time?	No, it will not speed or slow the set.
Will it change the air content in the concrete?	No, at the recommended dosage rate, no change in entrained air content should occur.
Will it change my concrete strength?	If you use less water when adding Supercizer 5, your concrete will be stronger. If your water content is not changed, strength may only improve minimally.
Is Supercizer 5 recommended for shotcrete?	Yes. Supercizer 5 is the most indicated product for shotcrete applications.

COMPATIBILITY AND STORAGE

Supercizer 5 is compatible with most concrete and cement admixtures. When using more than one admixture, each product should be dispensed separately. Supercizer 5 does not contain calcium chloride, nitrates, or other potentially corrosive materials. Store in a dry location, protected from breakage, deterioration, and contamination. Supercizer 5 is not subject to 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 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 is limited to the purchase price of the materials.

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