FRITZ-PAK
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SUPERCIZER PCE

POLYCARBOXYLATE SUPERPLASTICIZER

Fritz-Pak Supercizer PCE offers the highest possible water reduction using the most modern chemistry. When used as a high-range water reducer, Supercizer PCE will reduce water requirements up to 40%, improve concrete strength, and increase concrete flowability.

ADVANTAGES

- 40% water reduction
- Reduced segregation in mix
- Increased concrete workability
- 7-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
97190	1 pound	30	35
97191	50 pounds	1	40

DOSAGE

Use a dosage rate equal to 0.17% to 0.35% by weight of total cementious material.

To achieve 40% water reduction, one bag of Supercizer PCE is recommended for each cubic yard concrete where the cementitious content is greater than 600 pounds per yard. Concrete temperature, ambient temperature, or the presence of accelerators or retarders can affect dosage rates. Testing is recommended to determine the suitability of Supercizer PCE for your concrete. Contact your local Fritz-Pak distributor for more information.

DIRECTIONS

1. Determine the amount of Supercizer PCE required.
2. Remove the protective outer bag and add the water-soluble bag to the concrete.
3. Mix at high speed for 5 to 7 minutes to ensure that the Supercizer PCE is uniformly dispersed throughout the mix.

FREQUENTLY ASKED QUESTIONS

QUESTIONS	ANSWERS
What is the shelf life of Supercizer PCE?	If stored properly, about 2-5 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 PCE before adding color will improve the mixing of color into the concrete.
Will it change the set time?	No. It is a non-retarding superplasticizer.
Will it change the air content in the concrete?	No. We have blended in a defoamer to make our product 'air neutral'. So, there should be no effect on air content.
Will it change my concrete strength?	If you use less water when adding Supercizer PCE, your concrete will be stronger. If your water content is not changed, strength may only improve minimally.
Is Supercizer PCE recommended for shotcrete?	No. For shotcrete, we recommend Supercizer 5.
What makes Supercizer PCE different from other superplasticizers?	Supercizer PCE was designed using the most recently developed chemistry for water reduction in concrete (polycarboxylate ether). Many of our customers who use liquid PCE in their ready-mix operations asked us to make a powdered version for on-site dosing, much like our other products.

COMPATIBILITY AND STORAGE

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