

NCA

Non-Chloride Accelerator

Fritz-Pak NCA is a non-chloride accelerator in powdered form. It is packaged in **water-soluble bags** for easy addition to concrete ready-mix trucks. It shortens set times while increasing early strength. Fritz-Pak NCA does not contain calcium chloride or any other materials that promote steel corrosion or efflorescence in concrete. Unlike some other non-chloride accelerators, such as those containing calcium nitrite, Fritz-Pak NCA is not hazardous. No special handling, storage, or transportation is required.



No 98450

MEETS STANDARDS

ASTM C-494 Type C & E;
AASHTO M-194-94

PACKAGING:

SIZE	5 lb. Bags
BAGS/CASE	8
CASES/PALLET	48

Also available in 50 lb. bags

ADVANTAGES

- Does not promote corrosion in steel reinforcements
- Water-soluble packaging makes for easy use
- Improved efficiency in precast applications
- Higher early strengths

INSTRUCTIONS

- Recommended dosage is 1-3 bags per cubic yard of concrete (1-3 lb. / cwt or 1-3% by weight of cement).
- Add the water-soluble bag and its contents to the wet concrete.
- Mix thoroughly for at least 5 minutes at high speed (15 RPM) to ensure proper dispersion in the concrete mix.
- When working at low temperatures, follow the ACI Guidelines and Specifications for Cold Weather Concreting (ACI 306R-88 and ACI 306.1-90).

COMPATIBILITY

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

FAQ

Q: What other effects will NCA produce?

A: There may be a slight increase to concrete slump.

Q: Does NCA change the final strength?

A: No. It increases initial strength, but final strength will remain the same.

Q: Why does NCA not get hot like calcium chloride?

A: The heat released by calcium chloride when it dissolves in solution is called heat of solution and is not related to the concrete setting up faster. The heat of solution of NCA is much less than the heat of solution of calcium chloride.

Q: Will NCA affect concrete color?

A: No. NCA does not impact coloring.

Q: Will using more than 3 bags provide additional acceleration?

A: No. Adding more than 3 bags won't accelerate the concrete more.

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.

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