

Mortar Set Accelerator Non-Chloride Accelerator

Fritz-Pak Mortar Set Accelerator is a white, powdered set accelerator for use in pre-packaged mortar or concrete. It speeds up set times and improves early strength. It is ready for easy dosing. No premixing is required. Since Mortar Set Accelerator is white, it will not affect colors in concrete, which makes it ideal for decorative concrete work. Mortar Set Accelerator contains no hazardous materials, so there is no need for special handling.



No 98454

MEETS STANDARDS

ASTM C-494 Type C & E

PACKAGING:

SIZE	(24) 5.6 oz. Bags
BOXES/CASE	6
CASES/PALLET	32

ADVANTAGES

- Does not promote corrosion in steel reinforcements
- English & Spanish instructions
- Improved efficiency in precast concrete applications
- Higher early strengths



DOSAGE

Start with one bag of Mortar Set Accelerator (5.6 oz) for each sack of concrete or mortar (usually 60-80 lbs). This equals about 1% calcium. Up to 3 bags per sack (about 3% calcium) may be used for faster acceleration. It will not hurt concrete to dose at higher rates, but you will probably not get additional benefit. You will usually get about 1-3 hours reduction in set time depending on temperature.

To calculate dosage based on precise weight of cement: 3 bags of Mortar Set Accelerator per 100 lbs of cement = 1%.

DIRECTIONS

1. Determine the amount of Mortar Set Accelerator required.
2. Tear or cut open the plastic bag.
3. Pour powdered contents into the wet mortar or concrete mix.
4. Mix thoroughly for 5 minutes to ensure complete dispersion of the Mortar Set Accelerator throughout the mix. Improper mixing can lead to poor performance.

FREQUENTLY ASKED QUESTIONS

Q. What does Mortar Set Accelerator do?

A. It speeds up the set time of your mortar or concrete by 1-3 hours.

Q. What standard does Mortar Set Accelerator meet?

A. It meets ASTM C-494, Type C and E.

Q. Will Mortar Set Accelerator change the strength of my concrete?

A. It will produce higher early strength, and it will increase durability.

Q. Will Mortar Set Accelerator increase efflorescence in mortar?

A. No. Efflorescence is promoted by the chlorides in some accelerators. Mortar Set Accelerator does not contain any chlorides.

Q. Can it be used in polymer modified mixes?

A. Yes, one bag of Mortar Set Accelerator treats about one bag of polymer modified mix.

Q. Will Mortar Set Accelerator have any affect on colored concrete?

A. No. Mortar Set Accelerator will not cause colors to segregate, the way calcium chloride tends to do in concrete containing integral color.

FACTORS THAT AFFECT ACCELERATION

PERCENT OF CEMENT IN YOUR MIX

The calcium in Mortar Set Accelerator reacts only with cement, so rich mixes will require higher doses.

TEMPERATURE

The acceleration effects are faster at lower temperatures. For example, a 2% dose will give about 1 hr set time reduction at 85°F, and 3 hr set time reduction at 40°F.

NUMBER OF BAGS USED

Higher doses give faster set times.

COMPATIBILITY & PRECAUTIONS

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

WARRANTY

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