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WATER CONDITIONER FALSE-SET ADMIXTURE

Water Conditioner is a dry powdered admixture for use in volumetric concrete mixers to prevent false-set problems. False-set is a term used to describe the stiffening of the concrete within one minute after water is added.

ADVANTAGES

- Reduces false-setting concrete
- Easy storage and transportation
- No effect on actual set times
- No effect on concrete strength

CERTIFICATIONS

There are no applicable standards

PACKAGING

ITEM NUMBER	WEIGHT	BAGS PER CASE	CASES PER PALLET
98420	4 ounces	100	24

DOSAGE

One 4-ounce bag of Water Conditioner will treat 400 gallons (1,500 liters) of water.

DIRECTIONS

1. Determine the amount of Water Conditioner required.
2. Add the inner water-soluble bag to the water tank. Let dissolve for 5 minutes.
3. Add water to concrete mix as per your mix design.
4. Unused water may be left in the tank.

FREQUENTLY ASKED QUESTIONS

QUESTIONS	ANSWERS
Why does false set occur in volumetric mixers but not in regular ready mix concrete?	False set is a rapid hardening of the concrete shortly after adding water. This false set is not a hard set and in regular ready mix concrete, the extended mixing breaks the false set.
Why does false set occur?	In the manufacture of cement, gypsum is added to control the set. If in the final milling the temperature of the cement gets too hot, the gypsum will dehydrate forming anhydrate or hemihydrate (plaster of Paris). When water is added the plaster of Paris hardens very fast, creating false set.
Why doesn't false set happen all the time?	False set is more common in the summer and when cement production plants are working at full capacity.
Why is it important to control the false set in volumetric mixers?	Because when the false set appears, it is very difficult for the contractor to work the concrete. If excess water or superplasticizer is added to the concrete to reduce the effects, this can cause a weaker concrete or increased cost of admixtures.

COMPATIBILITY AND STORAGE

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

WARRANTY

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