



# INSTRUCTIONS FOR SITE SUPERINTENDENT USE OF KIM ADMIXTURE



Technical Bulletin No. 303  
August 2001

QUESTIONS: 1-800-267-8280 or [www.kryton.com](http://www.kryton.com)

**CONCRETE  
WATERPROOFING**

## PRODUCT DESCRIPTION

Chemical admixture in dry powder form effective in creating waterproof concrete.

### EFFECTS ON PLASTIC CONCRETE

- Reduces the water demand for a given slump
- Plasticizes the concrete (increases the slump)
- Retards the initial set
- Air entrains

### EFFECTS ON HARDENED CONCRETE

- Creates waterproof concrete
- Reduces shrinkage and cracking
- Improves freeze/thaw resistance
- Improves concrete durability

## PRE-SITE MEETING

Site Superintendent is required to set up a meeting for representatives of the following: general contractor, forming contractor, concrete finisher, ready-mix supplier, and the Kryton manufacturer representative. The meeting needs to be scheduled well in advance of the initial concrete pour in order to communicate the modifications required for a successful concrete project. Discussion will include the following:

- Additional form work required to install Krystol Waterstop Concrete Joint Design.
- Retarded initial set times of KIM concrete.
- Effects of air entrained concrete on finishing practices and techniques.
- Importance of not adding water to the mixture.
- Proper curing procedures.

## CONSTRUCTION JOINTS & FORM WORK

- Krystol Specification No. 3 should be referenced for direction on installing Krystol Waterstop Concrete Joint Design.
- KIM Waterstop Slurry (K-321) must be brush applied to existing concrete where the second concrete section meets the first.
- A tapered keyway block must be installed in all forms where separate concrete pours meet.
- Due to delayed set times of KIM concrete (particularly in cold weather), form removal times may require adjustment.

## CONCRETE HANDLING

- Do not add water to concrete after the addition of KIM.
- KIM concrete may be placed up to 2 hours, however, slump may only be increased using superplasticizers.
- Superplasticizers may be used to enhance slumps for specific workability requirements.

## CURING

- KIM improves the internal cure of concrete. However, KIM is not a replacement for proper curing procedures. Wet cure the concrete with a fog mist spray, sprinkler or wet burlap for five days. Protect from rain, excessive wind and sun.
- Alert the manufacturer immediately of any concerns.

## SAFETY

- KIM powder, when mixed with water, irritates skin and eyes.
- Safety precautions for KIM concrete are no different than for normal concrete.
- For complete safety information, please refer to the MSDS.

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