



INSTRUCTIONS FOR PLACERS & FINISHERS USE OF KIM ADMIXTURE



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**CONCRETE
WATERPROOFING**

QUESTIONS: 1-800-267-8280 or www.kryton.com

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

CONCRETE HANDLING

- Do not add water to concrete after the addition of KIM. The addition of water after KIM may void the manufacturer's warranty.
- KIM enhances flow and placement characteristics of fluid concrete. Maximum values achieved if concrete mix is placed within 45 minutes of adding KIM.
- Superplasticizers may be used to enhance slumps for specific workability requirements.
- Proper consolidation and vibration is required.

CONCRETE FINISHING

- KIM treated concrete will extend initial set time of the concrete subject to temperature and mix design.
- As with normal air entrained concrete, avoid early finishing and over trowelling.
- Alert the site superintendent and/or manufacturer immediately of any concerns.

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.

In cases where concrete loads are accepted that are not conforming to the specifications, record the name of the person authorizing the acceptance and the location of concrete placement.

TECHNICAL BULLETIN