



## EvoTek™ 5000

### High-Range Water Reducing Admixture

#### General Description

Ritek EvoTek™ 5000 is a revolutionary new technology based on significant advances in the admixture industry. EvoTek 5000 gives the concrete producer the ability to immediately create the ideal admixture system for fluctuating regional raw materials, environmental conditions and project requirements.

#### Primary Application

- Concrete with varying slump requirements
- Concrete mixtures utilizing supplementary cementitious materials
- Concrete where increased stability, durability and high flowability are required
- Concrete requiring the production of selfconsolidating concrete (SCC) mixtures

#### Features/Advantages

- Workability retention without retardation
- Flexible levels of workability retention by adjusting dosage
- Improved early and late age compressive strengths
- Promotes greater consistency of concrete workability at the jobsite
- Promotes consistency in compressive strengths via minimized jobsite addition of water
- Minimizes re-dosing of high range waterreducing admixture at the jobsite
- Consistent air entrainment
- Fewer rejected loads and better customer satisfaction due to consistent quality of concrete
- Can be used by itself for adequate slump retention, even when using for long haul concrete

#### How to Use / Dosage

Recommended Dosage Rate: 4 to 28 fluid ounces per 100 pounds (261 to 1827 mL per 100 kg) of cementitious to meet the requirements of ASTM C 494 Type A water-reducing and Type F highrange water-reducing admixture. EvoTek 5000 can be added with the initial batch water or as a delayed addition.

Note: EvoTek 5000 does not contain calcium chloride or any chloride-based components and is non-corrosive to reinforced, galvanized floor/roof systems or prestressing steel. Do not use with admixtures containing beta-naphthalene sulfonate.

#### Conforms to:

- ASTM C 494 Types A and F
- AASHTO M 194 Types A and F
- CRD C87 Types A and F
- All other Federal and State Specifications

#### Compatibility

EvoTek 5000 admixture is compatible with most admixtures used in the production of quality concrete including normal, mid-range and high-range water reducing admixtures, air entrainers, accelerators, retarders, extended set control admixtures, corrosion inhibitors and shrinkage reducers. EvoTek 5000 is not recommended for use with any Poly Naphthalene Sulfonate based admixtures.

#### Packaging/Storage

5 gallon pail • 55 gallon drum  
Totes • Bulk deliveries

Store between 32° F & 100° F. Product should be used within 12 months of delivery.

#### Health and Environmental Data

Before handling or using this product please refer to the Safety Data Sheet for complete health, safety and environmental information. Dispose of waste in accordance with local, state and federal regulations.

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