

EvoTek™ 5000

High-Range Water Reducing Admixture

General Description

Riteks 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.

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

Primary Applications

- 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

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 high-range 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.

For additional information on this product, please contact your Riteks Sales Representative.

We warrant our products to be of good quality and will replace or, at our discretion, refund the purchase price of any products proved defective. Satisfactory results depend not only upon quality products, but also upon many factors beyond our control. Therefore, except for such replacement or refund, RITEKS MAKES NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY. Riteks shall have no other liability with respect thereto. User shall determine the suitability of the products for the intended use and assume all risks and liability in connection therewith. The information provided herein is based on technical data that Riteks, Inc. believes to be reliable. Riteks, Inc. makes no representation or warranty as to the completeness or accuracy thereof and assumes no liability resulting from its use for any claims, losses, or damages of any third party. Recipients receiving this information must exercise their own judgment as to the appropriateness of its use and it is the user's responsibility to assess the material's suitability (including safety) for a particular purpose prior to such use.

Specifications

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.

Health & Environmental Data

Please refer to the Safety Data Sheet for complete health, safety and environmental information.

Packaging / Shelf Life

5 gallon pail · 55 gallon drum

Totes · Bulk deliveries

Store between 32° F & 100° F. Product should be used within 18 months of delivery. If it should freeze, thaw at 45°F and reconstitute with mechanical agitation. **Do Not Use Pressurized Air for Agitation.**



415 Interchange St. McKinney, TX 75071

Ph: 972.529.1118 Toll free: 866.288.5121

www.riteks.com