

EvoTek PM2020

High-Range Water Reducing Admixture

General Description

EvoTek PM2020 is a cutting-edge concrete admixture designed to function as both a Type A (Water-Reducing) and Type F (High Range Water-Reducing) agent. This advanced admixture enhances the finish of concrete and includes an innovative built-in viscosity modifier, making it highly effective when used with Type 1L cement. EvoTek PM2020 represents the latest in admixture technology, engineered to meet the evolving needs of modern concrete construction.

Features/Advantages

- **Water Reduction:** Offers versatile water-reducing capabilities, allowing for adjustment between standard and high-range water reduction. This flexibility enables the production of both regular and high-performance concrete mixes, optimizing workability and strength.
- **Increased Cohesiveness:** Enhances the cohesiveness of the concrete mix, improving overall stability and reducing segregation.
- **Reduced Bleed Water:** Minimizes the amount of bleed water in concrete, resulting in better surface quality and enhanced durability.
- **Prevents Segregation:** Effectively reduces segregation in high water-cementitious and high slump mixes, ensuring consistent mix quality.
- **Mix Stability:** Aids in stabilizing concrete mixes containing gap-graded aggregates, delivering uniformity and reliable performance.
- **Enables Self-Compacting Concrete:** Facilitates the production of self-compacting concrete (SCC), allowing for easier placement without mechanical vibration.
- **Enhanced Finish:** Improves the appearance and surface quality of finished concrete, reducing imperfections for a polished look.
- **Innovative Viscosity Modifier:** Built-in viscosity modification technology optimizes workability and finish, particularly beneficial for Type 1L cement, leading to easier handling and placement.
- **Broad Compatibility:** Can be used with a variety of cement types and supplementary cementitious materials, enhancing versatility on the job site.

Dosage

Standard Dosage Range: 4–15 fl oz/100 lbs (118–444 mL/100 kg) of cementitious materials.

Recommended Dosage Rate: The specific dosage should be determined through trial mixes based on project requirements, local materials, and environmental conditions.

Application Guidelines

Mixing: EvoTek PM2020 should be added to the concrete mix during the initial mixing phase to ensure uniform distribution. Avoid direct contact with dry cement.

Temperature Considerations: The performance of EvoTek PM2020 may vary depending on ambient and material temperatures. Adjust dosages accordingly.

Specifications

Conforms to:

ASTM C 494 Types A and F

All other Federal and State specifications

Compatibilities

Can be used in combination with other Riteks admixtures. Testing for compatibility is recommended when using with non-Riteks products.

Packaging/Storage

Available in 55-gallon drums (208 liters), 275 gallon (1040 liters) totes, and bulk.

Store in a cool, dry place. Protect from freezing. Shelf life is 12 months in unopened containers.



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a Sample

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