

# PLASTIMIX 500

## Water-Reducing Admixture For Concrete

### DESCRIPTION:

PlastiMix 500 is a multi-component admixture which is carefully formulated to enhance the quality and performance characteristics of plastic and hardened concrete. Its unique chemistry results in more complete and efficient hydration of the cementitious materials in the concrete matrix, and provides improved strength, durability, finishability and overall appearance.

### ADVANTAGES:

- Improves the quality of concrete by decreasing water-cement ratio for a given workability
- Increases early and ultimate compressive and flexural strengths
- Provides superior concrete finishability
- Improves workability and ease of placement and consolidation
- Improves pumpability of concrete
- Provides uniform control of setting characteristics
- Reduces cracking and shrinkage
- Increases relative freeze-thaw durability

### DOSAGE RATE:

**PlastiMix 500** is recommended for use at a dosage rate of 2 to 4 ounces per 100 pounds of cementitious materials for normal setting characteristics, and 4 to 8 ounces per 100 pounds (325 to 520 ml per 100 kg) of cementitious materials for retarded set times.

Dosage rates will vary depending on local materials, weather conditions and concrete performance objectives.

Your ProMix Technical Service Representative will be happy to assist you in determining the optimum dosage rate to achieve your specific performance objectives.



### SPECIFICATIONS:

Conforms to ASTM C 494 type A & D  
AASHTO M 194 Type A & D  
CRD C 87 Type A & D

### TECHNICAL NOTE:

**PlastiMix 500** does not contain calcium chloride or any chloride based components. It will not promote or contribute to corrosion of reinforcing steel in concrete.

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## COMPATIBILITY:

**PlastiMix 500** is compatible with all types of Portland cement, class C and F fly ash, microsilica, ground granulated blast furnace slag, calcium chloride, fibers and approved air entraining, accelerating, retarding, and high-range water-reducing admixtures. **PlastiMix 500** can be used in all white, colored, and architectural concrete. For best results, each admixture must be dispensed separately into the concrete mix.

## STORAGE:

**PlastiMix 500** may freeze at temperatures below 35°F (2°C). Although freezing does not harm **PlastiMix 500**, precautions should be taken to protect it from freezing. If it should happen to freeze, thaw and reconstitute with mechanical agitations. Do Not Use Pressurized Air For Agitation.

## PACKAGING:

55-gallon drums, 275-gallon totes and bulk tank truck.



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