



## EnviroMix<sup>®</sup> 800

### *MID-RANGE WATER-REDUCING ADMIXTURE FOR CONCRETE*

#### **DESCRIPTION:**

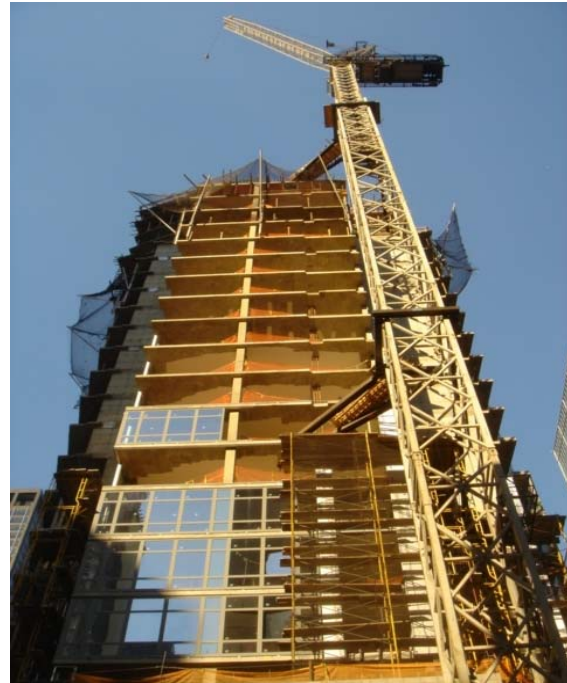
**EnviroMix 800** is a ready to use aqueous solution of complex compounds which enhance the performance of plastic and hardened concrete. **EnviroMix 800** is manufactured under rigid quality control measures to provide uniform, reliable results.

#### **USES:**

**EnviroMix 800** is recommended for concrete mixes where improved workability, pumpability and finishability is desired while maintaining or reducing the w/cm ratio. **EnviroMix 800** provides uniform, normal set times, improves cementitious paste performance and can be used to increase early and ultimate strengths.

#### **ADVANTAGES:**

- Provides increased slump and flowability without increased water content
- Improves concrete quality by reducing the water-cement ratio for a given degree of workability
- Ideal for applications requiring greater workability than attainable with normal Type A water-reducers, but not requiring the very high slumps attainable with a Type F HRWR (super plasticizer), and achieves these slumps with greater consistency and reduced mix volatility.



- Improves workability and consolidation
- Improves concrete finishability and surface quality
- Provides lubrication and enhances pumpability, including lightweight aggregate mixes
- Improves manufactured sand mixes
- Improves cement hydration/utilization
- Provides uniform, normal set, including GGBF (slag) and fly ash mixes.
- Increases early and ultimate strengths
- Reduces cracking and shrinkage
- Reduces concrete permeability
- Improves concrete durability

#### **DOSAGE RATE:**

**EnviroMix 800** is recommended for use at a dosage rate of 5 to 12 fluid ounces per 100 pounds (325 to 780 ml per 100 kg) of cement.

Because local job conditions vary, please contact your local Pro Mix sales representative for further assistance if using outside recommended dosage ranges.

#### **SPECIFICATIONS:**

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

#### **TECHNICAL NOTE:**

**EnviroMix 800** does not contain any purposely added calcium chloride or other chloride based components. It will not promote or contribute to corrosion of reinforcing steel in concrete.

#### **STORAGE:**

**EnviroMix 800** may freeze at temperatures below 35 F (2 C). Although freezing does not harm **EnviroMix 800**, precautions should be taken to protect it from freezing. If it should happen to freeze, thaw and reconstitute with mechanical agitation. **Do Not Use Pressurized Air For Agitation.**

#### **COMPATIBILITY:**

**EnviroMix 800** is compatible with all types of Portland cement, class C and F fly ash, slag, microsilica, calcium chloride, fibers and approved air entraining, accelerating, and retarding admixtures. Field evaluations to determine proper air entrainment dosage rates are suggested when using **EnviroMix 800**. It may be possible to reduce the air entraining admixture dosage rate to achieve the desired air content of the concrete mix.

**EnviroMix 800** can be used in all white, colored, and architectural concrete. For best results, each admixture must be dispensed separately into the concrete mix.

#### **PACKAGING:**

55-gallon drums, 275 gallon totes and bulk deliveries.

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