



EnviroMix[®] 850

BROAD-RANGE WATER-REDUCING ADMIXTURE FOR CONCRETE

DESCRIPTION:

EnviroMix 850 is a high performance concrete admixture using innovative chemical engineering to combine powerful water-reducing polymers, set balancing agents, strength catalysts and plasticizing agents.

EnviroMix 850 provides multi-range water-reducing capabilities (normal to mid-range performance), greatly improved paste lubricity and rheology, combined with excellent finishing and set characteristics. It is a ready to use aqueous solution designed to enhance the performance of both plastic and hardened concrete.

EnviroMix 850 is manufactured under rigid quality control measures to provide uniform, reliable results.

USES:

EnviroMix 850 is recommended where improved concrete workability (more slump without additional water), pumpability and finishability are desired. Powerful particle dispersion agents combined with plasticizing polymers improve paste lubricity, reducing concrete pump pressures and labor required to place and finish concrete. Hydration enhancing chemistries provide increased cement efficiency, aiding in earlier strength gain and more psi per pound of cement.

EnviroMix 850 provides uniform set control.



ADVANTAGES:

- Improves concrete quality by reducing the water-cement ratio for a given degree of workability
- Provides increased slump and flowability without increased water content
- Lubricates harsh aggregates
- Reduces pump pressures and labor to place and finish concrete
- Improves cement hydration/utilization
- Increases early and ultimate strengths
- Reduces cracking and shrinkage
- Improves concrete durability

DOSAGE RATE:

EnviroMix 850 is recommended for use at a dosage rate of 6 to 12 fluid ounces per 100 pounds (390 to 780 ml per 100 kg) of cement.

Because local job conditions vary, please contact your local Pro Mix technical 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 850 is a chemically stable brown liquid with a pH>5.5. **EnviroMix 850** weighs approx. 10 lb./gal.

STORAGE:

EnviroMix 850 may freeze at temperatures below 35° F (2° C) and precautions should be taken to protect it from freezing. If **EnviroMix 850** should happen to freeze, thaw and reconstitute with mechanical agitation.

COMPATIBILITY:

EnviroMix 850 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 850**.

EnviroMix 850 can be used in all white, colored, and architectural concrete. For best results, each admixture must be dispensed separately into the concrete mix.

Do Not Use Pressurized Air For Agitation.

PACKAGING:

55-gallon drums and bulk deliveries.

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