

# EcoFlo® Green

Multi-Range Water-Reducing Admixture for Optimum Pozzolanic Performance in Concrete

## DESCRIPTION:

**EcoFlo® – GREEN** is the first multi-range water reducer specifically designed to improve the performance of binary and ternary concrete mixes. In addition the proprietary formulation is designed to give higher water reduction with lower dosages when used with fly ash and GGBFS substitutions of 20% - 70%. **EcoFlo® – GREEN**'s dosage in these types of binary and ternary mixes can be reduced by up to 20% for the same water reduction that **EcoFlo® – GREEN** achieves in straight cement mixes. The use of **EcoFlo® – GREEN** greatly increases the producer's ability to qualify for leed points by maximizing pozzolanic substitution. **EcoFlo® – GREEN** is a state of the art chemically engineered normal setting water reducer that ranges from low range to high performance Self Consolidating Concrete.

**EcoFlo® – GREEN** is the first multi-range water reducer that is friendly to both the Ready Mix and Precast producers, increasing workability, finishability and strength gaining characteristics.

**EcoFlo® – GREEN** is recommended for all concrete where superior water reduction and performance is desired. **EcoFlo® – GREEN** provides its greatest environmental and economic impact when used in conjunction with high substitutions of pozzolanic materials.



## ADVANTAGES:

- Provides a positive environmental impact and increases producer's ability to qualify for leed points when used in conjunction with high substitution levels of fly ash and GGBFS.
- Allows producer's the flexibility of inventorying one product that covers three ranges of water reduction low, mid, and high.
- Produces highly stable Self Consolidating Concrete with a generous slump life.
- Provides increased workability without adding water.
- Proprietary finishing aid enhances finishability.
- Reduces concrete shrinkage.
- Improves durability while decreasing permeability

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## DOSAGE RATE:

**Important:** These recommended dosages are for when there are no additional water reducers in the mix design. When using water reducing admixtures in combination to meet ASTM standards, the dosages will vary. Consult your local technical sales reps for those combination dosages.

**EcoFlo® – GREEN** is recommended at a dosage rate of 1.5 – 10 fluid ounces per 100 pounds (98 to 650 mL per 100 kg) of cementitious material. Because local job conditions vary, please contact your local Premiere Concrete Solutions Specialist for further assistance if using outside recommended dosage ranges.

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## SPECIFICATIONS:

Conforms to ASTM C 494 type A & F AASHTO M 194 Type A & F ASTM C-1017 Type 1 CRD C 87 Type A & F

## TECHNICAL NOTE:

**EcoFlo® – GREEN** is a chemically stable green liquid. **EcoFlo® – GREEN** 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:

**EcoFlo® – GREEN** may freeze at temperatures below 33° F (2° C). Although freezing does not harm **EcoFlo® – GREEN**, precautions should be taken to protect it from freezing. If **EcoFlo® – GREEN** should happen to freeze, thaw and reconstitute with mechanical agitation. **Do Not Use Pressurized Air For Agitation.**

## COMPATIBILITY:

**EcoFlo® – GREEN** is compatible with all types of Portland cement, class C and F fly ash, slag, micro silica, calcium chloride, fibers and approved air entraining admixtures.

**EcoFlo® – GREEN** 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 tank truck

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