

EcoFlo® Green

Multi-Range Water-Reducing Admixture for Concrete

PRODUCT INFORMATION

PACKAGING

Packaged in 55 gallon drums, 275 gallon totes, and in bulk.

SHELF LIFE

2 years in original unopened container.

STORAGE

EcoFlo® GREEN may freeze at temperatures below 35°F (2°C). Although freezing does not harm **EcoFlo® GREEN**, 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.**

SPECIFICATIONS/COMPLIANCES

ASTM C494 Type A and F
 ASTM C1017 Type 1
 AASHTO M 194 Type A and F

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 provide higher water reduction with lower dosages when used with fly ash and slag cement substitutions of 20% - 70%.

PERFORMANCE BENEFITS

- Increases producer's ability to qualify for LEED points
- Improves mix cohesiveness
- Optimizes cementitious efficiency
- Reduces cracking and shrinkage
- Increases early and ultimate compressive/ flexural strengths
- Reduces permeability
- Effective for producing self-consolidating concrete

DOSAGE RATES AND DIRECTIONS FOR USE

By varying the dosage rate, **EcoFlo® GREEN** can be used as a low-range, mid-range, or high-range water reducing admixture.

Recommended Dosage EcoFlo® GREEN		
Low-Range Water Reducer Applications	1.5-4 oz/cwt	98-260 mL/100kg
Mid-Range Water Reducer Applications	4 - 8 oz/cwt	260 – 520 mL/100kg
High-Range Water Reducer Applications	8 – 16 oz/cwt	520-1040mL/100kg
<i>Dosage is per hundred-weight of cementitious material.</i>		

For best results, each admixture must be batched at separate intervals with the initial or final batch water, and should not come in direct contact with any other admixture until they are mixed in the concrete batch. Admixtures should not come in contact with any dry cementitious material.

TECHNICAL NOTES

EcoFlo® GREEN is compatible with Portland cements, Portland limestone cements, blended cements, class C and F fly ash, slag cements, silica fume, calcium chloride, and fibers.

EcoFlo® GREEN can be used in all white, colored, and architectural concrete.

PRECAUTIONS/LIMITATIONS

This product does not contain calcium chloride or chloride containing compounds, and any chloride ions present are in trace amounts resulting from municipal water used during the manufacturing process.

This product is compatible with most other admixtures when added to the mix separately. Always conduct trial batches, prior to job applications, to confirm compatibility and to verify mix results. Contact your technical sales representative before dosing outside of recommended ranges or for assistance with specialty applications.

In all cases, consult the safety data sheet prior to use.

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