

UltraFlo® 2000

Multi-Range Water-Reducing Admixture for Concrete

DESCRIPTION:

UltraFlo® 2000 is a breakthrough in admixture technology. This polycarboxylate based HRWR is a ready to use aqueous solution designed to give you the numerous performance benefits provided by this unique, comb-polymer chemistry.

UltraFlo® 2000 enhances the performance of plastic and hardened concrete.

UltraFlo® 2000 is manufactured under rigid quality control measures to provide uniform, reliable results.

UltraFlo® 2000 is recommended for concrete mixes where reduced water content, improved workability, improved finishability, extended slump life with normal set times, improved cement performance and very high early and ultimate strengths are desirable.

UltraFlo® 2000 is an effective tool for producing Self Consolidating Concrete (SCC)..

ADVANTAGES:

- By varying the dosage rate, **UltraFlo® 2000** can be used as a normal, mid-range and high-range water-reducing admixture
- Improves the quality of concrete by decreasing water-cement ratio up to 30%
- Improves mix cohesiveness
- Improves cement hydration and maximizes cement utilization
- Improves paste quality & finishability
- Reduces cracking and shrinkage
- Dramatically increases early and ultimate compressive and flexural strengths
- Improves concrete surface appearance
- Reduces permeability
- Increases relative durability – resists damage caused by freezing and thawing
- Improves resistance to sulfate attack



- By varying the dosage rate, **UltraFlo® 2000** can be used as a normal, mid-range and high-range water-reducing admixture
- Improves the quality of concrete by decreasing water-cement ratio up to 30%
- Improves mix cohesiveness
- Improves cement hydration and maximizes cement utilization
- Improves paste quality & finishability
- Reduces cracking and shrinkage
- Dramatically increases early and ultimate compressive and flexural strengths
- Improves concrete surface appearance
- Reduces permeability
- Increases relative durability – resists damage caused by freezing and thawing
- Improves resistance to sulfate attack

UltraFlo® 2000

Multi-Range Water-Reducing Admixture for Concrete

COMPATIBILITY:

UltraFlo® 2000 is compatible with all types of Portland cement, class C and F fly ash, slag, microsilica, calcium chloride, fibers and approved air entraining admixtures.

UltraFlo® 2000 can be used in all white, colored, and architectural concrete. For best results, each admixture must be dispensed separately into the concrete mix.

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.

UltraFlo® 2000 is recommended for use at a dosage rate of 2 to 16 (130 to 1043 ml per 100 kg) fluid ounces per 100 pounds of cement.

UltraFlo® 2000 admixture has a recommended dosage range of up to 3 fluid ounces per 100 pounds (196 mL per 100 kg) to meet ASTM C 494 Type A applications.

UltraFlo® 2000 admixture has a recommended dosage range of 3 to 6 fluid ounces per 100 pounds (196 to 391 mL per 100 kg) for use in mid-range applications.

UltraFlo® 2000 admixture has a recommended dosage range of 6 to 16 fluid ounces per 100 pounds (391 to 1040 mL per 100 kg) to meet ASTM C 494 Type F applications.

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

Premiere Concrete Admixtures warrants its products to be free from defects in material and manufacture. There are no other warranties by Premiere Concrete Admixtures of any nature whatsoever, expressed or implied. This information is based on data and knowledge believed to be true and accurate at time of publication and is offered as a resource for the users of our products. Premiere Concrete Admixtures assumes no liability in the use of this information and does not warranty the results obtained for any application. Premiere Concrete Admixtures shall not be liable for damages of any sort, the use or results of this product and shall not be responsible for conditions outside its control, including but not limited to, other materials, design, inspection, workmanship and field conditions. No statement, recommendation, or other information is intended to infringe on any patent or copyright held by others.

SPECIFICATIONS:

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

TECHNICAL NOTE:

UltraFlo® 2000 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

UltraFlo® 2000 may freeze at temperatures below 35°F (2°C). Although freezing does not harm **UltraFlo® 2000**, 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.**

PACKAGING:

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

