



Concrete Admixtures and Fiber

MEGAFLOW-FP

Water Reducer/ Set Retarder

DESCRIPTION

MEGAFLOW-FP is a highly processed, liquid copolymer concrete admixture. **MEGAFLOW-FP** controls slump loss, retards initial set, reducing shrinkage and increasing workability.

Concrete produced with **MEGAFLOW-FP** maintains its slump for extended periods according to the specific requirements of each job. **MEGAFLOW-FP** is designed to provide any given mix the maximum possible strength, workability and time to place it.

BASIC USES

- Concrete slabs
- Pumped concrete
- Architectural concrete
- Cast-in-place pilings

ADVANTAGES

- Controls rate of initial set
- Reduces cracking by minimizing plastic shrinkage
- Improves workability; particularly at low slumps
- Retards initial set, allowing time for proper placement and finishing without cold joints
- Sustains slump at high temperatures
- Reduces permeability
- Reduces segregation
- Improves overall appearance
- Does not contain chlorides
- Increases the strength making possible savings in the use of less cement
- Meets ASTM C494, latest revision for Type B & D

INTERNATIONAL MATERIALS INDUSTRIES, L.L.C.

2800 N. Johnson St. * New Orleans, Louisiana 70117 * PHONE: (504) 267-3344 * Fax: (504) 267-3345

The information herein is to assist customers in determining whether our products are suitable for their applications. Our products are intended for sale to industrial and commercial customers. We request that customers inspect and test our products before use and satisfy themselves as to contents and suitability, nothing herein shall constitute a warranty, express or implied, including any warranty of merchantability or fitness, nor is protection from any law or patent to be inferred. All patent rights are reserved. The exclusive remedy for all proven claims is replacement of our materials and in no event shall we be liable for special, incidental or consequential damages.

TECHNICAL INFORMATION

time factor is controlled by the dosage used. This results in very slow loss of slump. The rate of heat generation during the initial hydration of the concrete is reduced and does not rise during the plastic state of the **MEGAFLOW-FP** reacts with cement while the concrete is plastic, putting it in a dormant state for a period of time. This concrete **MEGAFLOW-FP** increases the density of concrete, making it less permeable and giving it greater flexural strength.

APPLICATION

Dosage

Per ASTM C-494

Type B : 4 to 6 oz. Per 100 Lb. of cement (0.26L to 0.39 L per 100 Kg of cement)

Type D: 7 to 14 oz. Per 100 Lb. of cement (0.46L to 1.05 L per 100 Kg of cement)

MEGAFLOW-FP is introduced to the concrete with the mixing water. The dosage is variable according the ambient temperature, retardation required and length of slump maintenance needed.

MEGAFLOW-FP should not be used in combination with any other retarding admixtures .

APPLICATION for Mobile Mixer Truck

The typical dosage of **MEGAFLOW-FP** is 1-1/2 gallons per 350 gallons of water in the water tank of the Mobile mixer truck. The dosage can be used from 1 to 2 gallons of **MEGAFLOW-FP** per 350 gallons of water depending upon the ambient temperature, time needed to maintain slump and setting time required.