

POWDERED ADMIXTURES

Master Format #: 03 30 00 03 40 00 03 70 00

EUCON™ FLOW-MAX

POWDERED, HIGH RANGE WATER REDUCER



EUCLID CHEMICAL

PRODUCT INFORMATION

PACKAGING

Packaged in 5 gal pails containing 30 lbs (13.6 kg) of EUCON FLOW-MAX or (10) - 2 lb (0.9 kg) inner dissolvable bags

SHELF LIFE

1 year in original, unopened package

SPECIFICATIONS/COMPLIANCES

ASTM C494 Type F

DESCRIPTION

EUCON FLOW-MAX is a powdered high range water reducing admixture for use with concrete and other cementitious based materials. It may be added to the concrete at the job site or at the batching facility. EUCON FLOW-MAX is formulated to maintain plastic consistency after dosing depending on the initial slumps, ambient conditions and dosage rates. EUCON FLOW-MAX contains no added chlorides or chemicals known to promote the corrosion of steel.

PRODUCT CHARACTERISTICS

FEATURES & BENEFITS

- Lower water/cement ratio allowing improved strength
- Maintains and improves concrete workability
- Can be added to batch during unforeseen complications
- Aids in concrete placement and reduces labor cost

PRIMARY APPLICATIONS

- High performance concrete
- Ready mix concrete
- Heavily reinforced concrete
- Shotcrete
- Flatwork and mass concrete
- High slump, flowable concrete

PRECAUTIONS/LIMITATIONS

- Care should be taken to maintain EUCON FLOW-MAX above freezing.
- Keep containers of EUCON FLOW-MAX closed when not in use
- Keep concrete from freezing until a minimum strength of 1000 psi (7 MPa) is reached.
- Do not use EUCON FLOW-MAX in concrete containing polycarboxylate materials
- In all cases, consult the Safety Data Sheet before use.

DIRECTIONS FOR USE

Each 2 lb (0.9 kg) package is double bagged. Remove the outer bag and add the entire inner soluble EUCON FLOW-MAX bag and contents to the plastic/wet concrete. The entire inner bag will easily dissolve. Thoroughly mix at high speed for a minimum of 5 minutes.

EUCON FLOW-MAX is typically used at dosages of 1 bag or 2 lbs (0.9 kg) for each 1yd³ of concrete to achieve an additional 5-7 inches of slump depending on concrete age, water:cement, ambient conditions and other materials.

For any concrete application, including Self Consolidating Concrete (SCC), the slump increase will vary depending on the mix design, local materials, and ambient conditions. Trial mixes should be run to verify performance with local materials.

EUCON FLOW-MAX is compatible with most admixtures including air-entraining agents, accelerators, most water reducers, retarders, shrinkage reducers, corrosion inhibitors, viscosity modifiers, and microsilica; however, each material should be added to the concrete separately.

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