

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.

Rev. 03.21

WARRANTY: The Euclid Chemical Company ("Euclid") solely and expressly warrants that its products shall be free from defects in materials and workmanship for one (1) year from the date of purchase. Unless authorized in writing by an officer of Euclid, no other representations or statements made by Euclid or its representatives, in writing or orally, shall alter this warranty. EUCLID MAKES NO WARRANTIES, IMPLIED OR OTHERWISE, AS TO THE MERCHANTABILITY OR FITNESS FOR ORDINARY OR PARTICULAR PURPOSES OF ITS PRODUCTS AND EXCLUDES THE SAME. If any Euclid product fails to conform with this warranty, Euclid will replace the product at no cost to Buyer. Replacement of any product shall be the sole and exclusive remedy available and buyer shall have no claim for incidental or consequential damages. Any warranty claim must be made within one (1) year from the date of the claimed breach. Euclid does not authorize anyone on its behalf to make any written or oral statements which in any way alter Euclid's installation information or instructions in its product literature or on its packaging labels. Any installation of Euclid products which fails to conform with such installation information or instructions shall void this warranty. Product demonstrations, if any, are done for illustrative purposes only and do not constitute a warranty or warranty alteration of any kind. Buyer shall be solely responsible for determining the suitability of Euclid's products for the Buyer's intended purposes.