

Concrete Admixtures, Adhesives & Aids

EDECON SLUMPMIX-C

DESCRIPTION

Edecon SlumpMix-C is a concentrated plasticizer, set retarder and high-range water reducer for concrete. Concrete treated with **Edecon SlumpMix-C** maintains slump for prolonged periods in accordance with the requirements of the job. It is designed to provide increased workability and placement time. **Edecon SlumpMix-C** is used to deliver concrete greater distances from the plant, up to four (4) or more hours, depending on the dosage. It is also used to pump concrete great distances, as well as for structures containing large amounts of reinforcing steel.

Specification: ASTM C-494, Type F and G

USES

Edecon SlumpMix-C is ideal for use in a variety of concrete applications including:

- Airports
- Dams
- Highways
- High-rise buildings
- ...and many others

ADVANTAGES

- Maintains slump at temperatures greater than 100°F.
- Maintain slump up to four (4) or more hours.
- Reduces the mixing water required by up to 30% while maintaining workability.
- Produces fewer voids and a cleaner appearance for architectural concrete.
- Denser, less permeable concrete.
- Non-Chloride.

TECHNICAL INFORMATION

Edecon SlumpMix-C reacts with cement in its plastic phase, putting it in a dormant state for a period controlled by adjusting the dosage. Loss of slump during this period is minimal and the initial heat of hydration remains low; the initial temperature of the concrete does not rise during its plastic phase. **Edecon SlumpMix-C** also increases the density of concrete, making it less permeable and more resistant to flexural stress.

PHYSICAL CHARACTERISTICS

pH	5.5
Specific Gravity	1.28
Weight per Gallon	10.682 Lbs
Weight per Liter	1.28 kg
Appearance	Dark Amber
H ₂ O Solubility	100% soluble
Odor	Bland odor

APPLICATION

Edecon SlumpMix-C is added to the concrete with mixing water. The dosage is variable according the ambient temperature, retardation required and length of slump maintenance needed. **Edecon SlumpMix-C** should not be used in combination with any other retarding admixtures.

DOSAGE

Edecon SlumpMix-C is formulated in three configurations: normal, concentrated and G7 Export formulation. Dosages are based on normal product. Please consult with Concrete Controls, Inc. for dilution factors for concentrated products.

Type D: 2 oz. to 5 oz. per 100 lbs. (60 ml to 600 ml per 45 kg) of cement.

Type G: 6 oz. to 10 oz. per 100 lbs. (175 ml to 295 ml per 45 kg) of cement.

PACKAGING

All of our products are available in the following delivery container sizes:

- Sample Jug – 19 liter / ≈ 5 US gallon
- Sample Mini-drum – 57 liter / ≈ 15 gallon
- Drum/Barrel – 200 liter / ≈ 53 gallon volume in a 55 US gallon drum
- Transport Tote – 1,000 liter / ≈ 263 US gallon
- Various Sized Tankers – available for bulk volumes

WARRANTY: 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

www.edecon.net

