

## Concrete Admixtures, Adhesives & Aids

# EDECON SUPER SLUMPMIX

### DESCRIPTION

**Edecon Super SlumpMix** is a highly processed, liquid copolymer concrete admixture. **Edecon Super SlumpMix** retards initial set, reducing shrinkage and increasing workability. Reduces H2O up to 40%.

Concrete produced with **Edecon Super SlumpMix** maintains its slump for extended periods according to the specific requirements of each job. **Edecon Super SlumpMix** is designed to provide any given mix the maximum possible workability, to prevent efflorescence, and produce high early PSI.

**Specification:** ASTM C494, Types B & D

### USES

- Prestressed concrete/blocks and concrete specialty products, prevents efflorescence
- Ready mixed concrete for delivery at great distances
- Architectural concrete
- Cast-in-place pilings

### ADVANTAGES

- Controls rate of initial set
- Reduced 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 efflorescence
- Reduces segregation
- Improves overall appearance
- Does not contain chlorides

### TECHNICAL INFORMATION

**Edecon Super SlumpMix** reacts with cement while the concrete is plastic, putting it in a dormant state for a period of time. This 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 concrete. **Edecon Super SlumpMix** increases the density of concrete, making it less permeable and giving it greater flexural strength.

### PHYSICAL CHARACTERISTICS

|  |                             |              |
|--|-----------------------------|--------------|
|  | pH                          | 5.5          |
|  | Specific Gravity            | 1.299        |
|  | Weight per Gallon           | 10.841 Lbs   |
|  | Weight per Liter            | 1.299 kg     |
|  | Appearance                  | Dark Amber   |
|  | H <sub>2</sub> O Solubility | 100% soluble |
|  | Odor                        | Bland odor   |

### APPLICATION

**Edecon Super SlumpMix** is used in readymix applications of flat work among others.

### DOSAGE

The typical dosage of **Edecon Super SlumpMix** is 2 oz. to 5 oz. per 100 lbs. (130 ml to 325 ml per 45 kg) of cement. Dosages can be adjusted depending upon the ambient temperature, retardation required and the time needed to maintain slump. **Edecon Super SlumpMix** is 30% solids.

### 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

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