

Concrete Admixtures, Adhesives & Aids

EDECON POWERMIX-100

DESCRIPTION

Edecon PowerMix-100 is a liquid high-range water reducer for concrete used to produce concrete with extremely High Early Strength. **Edecon PowerMix-100** is formulated to produce concrete with very high (eight) 8 to 24 hour early strength and optimal ultimate strength. **Edecon PowerMix-100** may be used safely in conjunction with a variety of admixtures including set retarders, accelerators, water reducers, etc.

Specification: ASTM C-494, Type F, E & G

USES

Edecon Powermix-100 can be used where a high range water reducer is required.

ADVANTAGES

- High Early Strength
- Water reduction of up to 30%
- Reduces or eliminates heat curing in prestress and precast operations
- Slump maintenance
- Ideal for precast or prestress operations
- High Early Strength can eliminate or reduce heat curing
- Early use of floors, roads and repairs

TECHNICAL INFORMATION

Edecon PowerMix-100 is a very effective high range water reducer.

PHYSICAL CHARACTERISTICS

pH	9.5
Specific Gravity	1.18
Weight per Gallon	9.948 Lbs
Weight per Liter	1.18 kg
Appearance	Amber
H ₂ O Solubility	100% soluble
Odor	Sweet

APPLICATION

Edecon PowerMix-100 is added to Ready Mix concrete and/or wet cast products.

DOSAGE

As a Water Reducer:

Add **Edecon PowerMix-100** with water when batching. Use 8 oz. to 30 oz. per 100 lbs. (240 ml to 890 ml per 45 kg) of cement.

For Flowing Concrete:

To attain 6" inch to 10" inch (15 cm to 25 cm) slump, add **Edecon PowerMix-100** to the truck at the job site and mix for at least three minutes before discharging. Use 8 oz. to 16 oz. per 100 lbs. (240 ml to 475 ml per 45 kg) of cement. For best results, the concrete should have 2" inch to 4" inch (5 cm to 10.5 cm) initial slump.

Slump Maintenance:

If placement of concrete is delayed and slump begins to be lost, add **Edecon PowerMix-100** directly to the truck at a rate of 1 oz. to 2 oz. per 100 lbs. (30 ml to 60 ml per 45 kg) of cement to maintain slump.

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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