

Concrete Admixtures, Adhesives & Aids

EDECON DYNAMIX

DESCRIPTION

Edecon DynaMix is a liquid high-range water reducer for concrete used to produce concrete with extremely High Early Strength while maintaining slump for prolonged periods in accordance with the requirements of the job.

Edecon DynaMix is formulated to produce concrete with very high 8 to 24 hour early strength and optimal ultimate strength, as well as delivering 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 and for structures containing large amounts of reinforcing steel.

Specification: ASTM C-494, Type D & G

USES

Edecon DynaMix is ideal for use in a variety of concrete applications including:

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

ADVANTAGES

- 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.
- High Early Strength.
- Ideal for precast or prestress operations.
- Early use of floors, roads and repairs.

TECHNICAL INFORMATION

Edecon Dynamix is a very effective high range water reducer.

PHYSICAL CHARACTERISTICS

	pH	5.5 to 5.7
	Specific Gravity	1.18
	Weight per Gallon	9.8475 Lbs
	Weight per Liter	1.18 kg
	Appearance	Amber
	H₂O Solubility	100% soluble
	Odor	Sweet

APPLICATION

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

DOSAGE

Edecon DynaMix 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. of cement (60 ml to 150 ml per 45 kg)

Type G: 6 oz. to 10 oz. per 100 lbs. of cement (180 ml to 295 ml per 45 kg)

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

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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