

## Concrete Admixtures, Adhesives & Aids

### EDECON MEGAMIX-P

#### DESCRIPTION

**Edecon MegaMix-P** is a dry powder micro silica admixture for concrete and mortar. It is used in structures requiring high strength and where there is exposure to brine or agents corrosive to reinforcing steel. It also imparts resistance to corrosion and abrasion.

**Specification:** ASTM C-1240

#### USES

**Edecon MegaMix-P** can be used in Prestressed, Precast concrete and Ready Mix for bridge decks, parking garages and shotcrete.

#### ADVANTAGES

- Ultra-high strength for columns in tall buildings.
- Increased resistance to abrasion and damage caused by vehicular traffic.
- Increased durability and impact resistance in industrial concrete floors.
- Produces industrial floors with high resistance to chemical attack.
- Increased resistance to sulfate attack.
- Produces watertight concrete tanks.
- Reduced corrosion of reinforcing steel in Prestressed and post-tensioned construction.
- Decreased permeability and increased abrasion resistance in tunnel construction.
- Lower rebound and thicker mixes for shotcreting.
- Protection against deterioration in concrete exposed to salt air.
- Dramatic increase in High Early strength.
- Dramatic increase in flexural strength for airport projects.
- Reduced erosion due to wave action or running water.

#### TECHNICAL INFORMATION

#### PHYSICAL CHARACTERISTICS

	pH	
	Specific Gravity	
	Weight per Gallon	
	Weight per Liter	
	Appearance	
	H <sub>2</sub> O Solubility	
	Odor	

#### APPLICATION

**Mixing:** **Edecon MegaMix-P** should be used in conjunction with a super plasticizer such as **Edecon PowerMix-100** in order to disperse the powder. For best results, **Edecon MegaMix-P** should be introduced to the empty mixer before any other materials. Within one (1) minute, add 50% of the super plasticizer, then the mixing water, and lastly other materials. The remaining super plasticizer is reserved to fine-tune the slump. Concrete using **Edecon MegaMix-P** should be mixed no less than five (5) minutes.

**Application:** **Edecon MegaMix-P** should be used in conjunction with a super plasticizer such as **Edecon Chemwet-FP** or **Edecon SlumpMix-C** to ease dispersion and mixing of the micro silica powder in the following circumstances:

1. When the concrete is placed within one (1) hour of being mixed, the use of **Edecon Chemwet-FP** is suggested to obtain High Early strength.
2. When the concrete is placed after more than one (1) hour of mixing, use **Edecon SlumpMix-C** where high slump maintenance is required, or in conjunction with **Edecon Chemwet-FP** (dispensed at the jobsite) for high strengths.

**Limitations:** Store **Edecon MegaMix-P** in a dry area above 35°F (2°C). Protect from freezing. This product is not to be mixed with air-entraining agents.

#### DOSAGE

**Edecon MegaMix-P** is dispensed by weight at a rate of 5% to 22% of the total cementitious materials.

#### PACKAGING

**Edecon MegaMix-P** is packaged in powder form in 50 Lbs. (22.7 kg) bags.

**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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