

Concrete Admixtures, Adhesives & Aids

EDECON WR-4

DESCRIPTION

Edecon WR-4 is a highly processed water reducing and set-retarding admixture. It is a concentrated liquid copolymer, free of chlorides and sugars. **Edecon WR-4** is a cement dispersant which acts as a catalyst producing high strength and durability, reducing the water/cement ratio, retarding the initial set, reducing shrinkage and increasing workability. **Edecon WR-4** is manufactured under strict quality control conditions specifically processed for the ready mixed concrete and general construction industries.

Specificaiton: ASTM C-494, Types A & D

USES

ADVANTAGES

- Increases strength by reducing water requirement by 5% to 18% (proportionally dependent on the pH of the water and abrasive qualities of the aggregate used).
- Reduces fissures by minimizing plastic shrinkage.
- Improves workability; particularly at low stumps.
- Retarded initial set allows time for proper placement and finishing without cold joints.

TECHNICAL INFORMATION

Edecon WR-4 does not entrain air, but is generally comparable with most air-entraining agents. It can also be used in conjunction with accelerators, fly ash and other admixtures. Please consult with Concrete Controls, Inc. Service Representatives before combining **Edecon WR-4** with any other admixture.

PHYSICAL CHARACTERISTICS

pH	
Specific Gravity	
Weight per Gallon	
Weight per Liter	
Appearance	
H ₂ O Solubility	
Odor	

APPLICATION

DOSAGE

The typical dosage of **Edecon WR-4** is 3 oz. to 8 oz. per 100 Lbs. (88.7 ml to 237 ml per 45 kg) of cement. Higher dosages may be used to extend the working time of the concrete, though overdosages of up to double the norm will not harm the concrete mix.

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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