

Concrete Admixtures, Adhesives & Aids

EDECON RI-L18

DESCRIPTION

Edecon RI-L18 is an economical multi-function water-reducing admixture. Depending upon the dosage used, **Edecon RI-L18** can conform to all specifications of ASTM C494. It is a highly processed non-chloride liquid copolymer.

Edecon RI-L18 acts as a cement catalyst producing high strength and durability, reducing water/cement ratio, reducing shrinkage and increasing workability for a controlled period. **Edecon RI-L18** is produced under strict quality control conditions specifically for the Ready Mix Concrete and general construction industries.

Specification: ASTM C494; Types: A & D

USES

Edecon RI-L18 is used for house slabs, roof beds and all types of ready mix applications.

ADVANTAGES

- Increases compressive strength by 50% or more
- Reduces water requirement by 5% to 18% (depending on dosage)
- Reduces cracking by minimizing plastic shrinkage
- Improves workability; particularly at low slumps
- Extended initial slump at higher dosages
- At lower dosages, normal initial set does not delay proper placement and finishing in cold weather

TECHNICAL INFORMATION

Edecon RI-L18 does not entrain air, but is generally compatible with most air-entraining agents. It can also be used in conjunction with accelerators, fly ash and other pozzolans as well as other admixtures. Please consult with our technical department or test for compatibility before using **Edecon RI-L18** with other admixtures.

PHYSICAL CHARACTERISTICS

pH	7.20
Specific Gravity	1.16
Weight per Gallon	9.681 Lbs
Weight per Liter	1.16 kg
Appearance	Brown
H ₂ O Solubility	100% soluble
Odor	Sweet

APPLICATION

Edecon RI-L18 is used anywhere setting and water reduction is required.

DOSAGE

The typical dosage of **Edecon RI-L18** is 2 oz to 8 oz. per 100 lbs. (30 ml to 235 ml per 45 kg) of cement depending on the requirements of the mix. Higher dosages may be used to further reduce the water/cement ratio, though overdosages of up to double and triple of normal 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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