

## High-range water reducing/retarding/superplasticizer admixture

### PRODUCT

**Admix CF 88 R** is designed as a multi-purpose superplasticizer. It can be used for moderate to low w/c concrete.

This special formulation enables **Admix CF 88 R** to retain concrete workability for a longer time. It can maintain good mix appearance without segregation or bleeding. At intentionally higher dosages, **Admix CF 88 R** has the effect of a setting retarder.

### PROPERTIES

- High workability produced is recommended for congested reinforced structures
- Extended setting times allow effective hot weather concreting
- Allows quicker consolidation
- Improves surface appearance
- No segregation at higher dosages
- Improves pumpability
- Can be used to gain economy due to possible cement reduction

### SCOPE OF USE

**Admix CF 88 R** is used to ensure that plastic concrete remains workable for more than 1 hour at high temperature. Ideal for construction of dams, locks, road works, architectonic concrete, light or heavy prefabrication, ready-mix concrete, and pumped concrete.

### CHARACTERISTICS

Appearance	Liquid
Color	Brown
Specific gravity at 20°C	1.12 ± 0.02
Chloride content	Zero to BS 5057
Air entrainment	Up to 1% depending on the dosage and mixture proportioning

### APPLICABLE STANDARDS

**Admix CF 88 R** complies with:  
ASTM C 494 – Type D & G.  
BS 5075 Part 1, BS EN 934, Part 2.

### INSTRUCTIONS FOR USE

**Admix CF 88 R** is totally miscible in water. It is to be added to the concrete during the mixing cycle at the same time as the mixing water. No extension to normal mixing time is necessary.

### DOSAGE RATES

Trials should be conducted to determine the optimum

dosage of **Admix CF 88 R** for a particular mixture. A dosage of 300 to 1300 ml per 100 kg of cement is recommended.

The required dosage for a specific job with controlled delay in setting and workability should be determined by in situ trials.

### EFFECTS OF OVER DOSING

A severe over dose of **Admix CF 88 R** will result in the following:

- Delay in setting
- Slight increase in air content
- Higher workability
- Higher ultimate strength

In case of over dosage, precautions should be taken not to disturb the surface area. With proper curing, the ultimate strength of the structure should not be adversely affected.

### COMPATIBILITY

**Admix CF 88 R** can be used in all types of portland cement and sulfate resisting cement. For use with other cements contact the company's technical service department. **Admix CF 88 R** should be dispensed directly into the mixer and should not be pre-mixed with other admixtures. If other admixtures are to be used in concrete containing **Admix CF 88 R**, they must be dispensed separately. Consult the company Technical Dept. for advice.

### SPECIFICATION CLAUSE

**Admix CF 88 R**, a retarding, plasticizing concrete admixture is manufactured to the following specification:

**Admix CF 88 R** can be used in all concrete as mentioned at dosage between 300 ml to 1300 ml per 100 kg of cement in accordance with the manufacture's instructions.

Specific Gravity at 20°C: 1.125 ± 0.015

Complying to ASTM C 494 Types D & G.

Composition: High molecular weight refined naphthalene derivatives and other refined chemicals.

### DISPENSING

It is preferable that liquid admixtures for concrete should be introduced into a mixer by means of automatic dispensing equipment. Such equipment can be supplied by the company.

### PACKAGING

**Admix CF 88 R** is supplied in:

Bulk, barrels.

Storage tanks can be provided for bulk use.

## STORAGE

**Admix CF 88 R** can be stored up to 1 year from manufacturing date under cover, out of direct sunlight and protected from extreme temperatures.

## HEALTH & SAFETY

In case of frost, the product recovers its properties after progressive thawing and homogenizing by agitation.

In case of contact with skin or eyes, rinse thoroughly with water. If irritation persists, seek medical attention.

If swallowed, do not induce vomiting and seek medical attention.

## QUALITY STATEMENT

All our products are manufactured to comply with our internal QA/QC program and quality management system to ensure consistency and quality.

## DISCLAIMER

While the company guarantees its products against defective materials, the use and application of these products are made without guarantee since the conditions of their application are beyond its control. It is recommended to verify with the company that the product is suitable for the intended use, and that this Data Sheet version is the latest one. The company may modify it without prior notice. Technical characteristics are listed for guidance only. For more information, please contact the company's office in your location.

## NOTE

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