

Admix CF 92

ADMIXTURES & CONCRETE RELATED PRODUCTS

High-Range Superplasticizing for Fluid Concrete

PRODUCT

Admix CF 92 is a chloride-free, high-range naphthalene-based superplasticizer, specially formulated for high strength concrete. **Admix CF 92** secures a powerful deflocculating and dispersing action of cement, which facilitates the production of fluid, self-consolidating concrete without segregation.

PROPERTIES

- **Admix CF 92** produces concrete of similar workability with 20%-25% less water
- Increase concrete cohesion
- Increase compressive, tensile, and flexural strengths
- Produces flowable and self-consolidating concrete
- High strength, especially at low W/C, can significantly increase mould utilization in precast works

SCOPE OF USE

Admix CF 92 is recommended for all cement types of types of portland cement and sulfate resisting cement in the following areas:

- Heavily reinforced concrete works
- Paving and industrial floor
- Ready mixed concrete
- All concrete requiring a fluid consistency
- Concrete with low W/C
- Precast concrete
- Works well with silica fume and slag cement
- Structures with close reinforcement where vibratory efforts are ineffective
- Can be used with white cement

CHARACTERISTICS

Appearance	Liquid
Color	Brown
Specific gravity at 20°C	1.200 ± 0.01
Chloride content	Zero to BS 5057
Air entrainment	Up to 2.0% depending on dosage rate and concrete proportioning

APPLICABLE STANDARDS

Admix CF 92 complies with:

ASTM C 494 – Type D & G.
BS 5075 Part 1, BS EN 934, Part 2.

INSTRUCTIONS FOR USE

Admix CF 92 is totally miscible in water. It is to be added to the concrete mix during the mixing cycle at the same time as the mixing water. No extension to normal mixing time is necessary.

DOSAGE

Trials should be conducted to determine the optimum dosage of **Admix CF 92** for a particular mix. A dosage of 600 to 2500 ml per 100 kg of cementitious materials 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 92** will result in the following:

- Delay in setting
- Increase in air content
- Higher workability

COMPATIBILITY

Admix CF 92 can be used in all types of portland cements, sulfate resisting cement, and cementitious materials. **Admix CF 92** 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 92**, they must be dispensed separately. Consult the company Technical Dept. for advice.

SPECIFICATION CLAUSE

Admix CF 92 is a high-range water reducing and retarding plasticizing concrete admixture.

Admix CF 92 can be used in all concrete as mentioned at dosage between 600 to 2500 ml per 100 kg of cementitious materials in accordance with the manufacturer's instructions.

DISPENSING

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

PACKAGING

ADMIXCF 92 is supplied in:

Bulk, barrels.

Storage tanks can be provided for bulk use.

STORAGE

Admix CF 92 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

Admix CF 92

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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