

Admix CF 335

ADMIXTURES & CONCRETE
RELATED PRODUCTS

MID RANGE SUPERPLASTICIZER ADMIXTURE FOR CONCRETE

PRODUCT

Admix CF 335 is a ready to use aqueous solution of complex compounds specially formulated for use in portland cement concrete containing pozzolans.

Admix CF 335 enhances the performance of plastic and hardened concrete. Admix CF 335 is manufactured under rigid quality control measures to provide uniform, reliable results.

PROPERTIES

- Improves the quality of concrete by decreasing water-cement ratio
- Improves workability, placeability and consolidation
- Enhances concrete pumping
- Improves mix cohesiveness
- Improves cement hydration and maximizes cement utilization
- Increases ultimate compressive and flexural strengths
- Reduces cracking and shrinkage
- Improves formed surfaces
- Reduces permeability
- Improves resistance to sulfate attack

SCOPE OF USE

Admix CF 335 is recommended for concrete mixes to provide mid range water-reduction, greatly improved workability, ease of placement and consolidation, and improved cement performance.

CHARACTERISTICS

Appearance	Brownish liquid
Specific gravity at 20°C	1.167 ± 0.01
Chlorid content	Nil to BS 5075

APPLICABLE STANDARD

Applicable standard: ASTM C494 Type G

INSTRUCTIONS FOR USE

Admix CF 335 is totally miscible in water. It is incorporated prior to mixing water. The quantity of water is determined as the function of the desired plasticity.

DOSAGE

The required dosage for a specific job with controlled delay in setting and adequate workability should be determined by in-situ trials. However, a guideline for the minimum dosage is given below. It may change according to the ambient and mixture temperatures and climatic conditions: a dosage of 500 to 1500 ml per 100 kg of cementitious material is recommended as a starting point.

EFFECTS OF OVER DOSING

A severe over dose of Admix CF 335 will result in the following:

- Very slight delay in setting
- Higher workability
- Higher ultimate strength

In case of over dose, 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 335 can be used in all types of portland and sulfate-resisting cements. For use with other cements contact company's technical service department.

Admix CF 335 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 335, they must be dispensed separately. Consult company technical Dept. for advice.

SPECIFICATION CLAUSE

Admix CF 335, a mid range superplasticizer concrete admixture is manufactured to the following specification:

Admix CF 335 can be used in all concrete mixtures at dosage rates between 500 and 1500 ml per 100 kg of cementitious material 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. Such equipment

Admix CF 335

can be supplied by the company.

PACKAGING

Admix CF 335 is supplied in:

Bulk, barrels

Storage tanks can be provided for bulk use.

STORAGE

Admix CF 335 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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Edition: 02/08-A

