BOND – CAD - 926
PLASTICIZERS

CAD-926 is a very economical admixture specially designed based on modified polycarboxylic ether. The product has been primarily developed for applications in high performance concrete where the highest durability and performance is required. It is free of chloride & low alkali. It is compatible with all types of cements.

Uses

- High early and ultimate strength concrete
- High performance concrete.
- Production of controlled rehology concrete
- For attaining high workability without segregation or bleeding
- Precast & Pre-stressed concrete
- Concrete containing pozzolans such as microsilica,, GGBFS, PFA as well as high volume fly ash concrete

Advantages

- Increase in early & ultimate strengths, higher E-modulus, improved adhesion to reinforcing and stressing steel.
- Better resistance to carbonation and other aggressive atmospheric conditions
- Lower permeability - increased durability
- Reduced shrinkage and creep
- Elimination of vibration and reduced labor cost in placing.

Standards follows as per ASTM C494 Types F, ASTM C – 1017 Type I, IS 9103: 1999

APPLICATION

It is ready to use liquid is added with concrete or a with in water, The plasticizing effect and water reduction are higher if the admixture is added to the damp concrete after 70 to 90% of the mixing water has been added. The addition of CAD-926 to dry aggregate or cement is not recommended.

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SPECIFICATIONS

Sr.No.	PROPERTIES	RESULT
1	Appearance	Light brown liquid
2	Relative Density	1.10 ± 0.02 at 25°C
3	pH	>6
4	Chloride content	<0.2 %
5	Dosage	500gm to 1000 gm per 100kg of cementitious material
6	Shelf Life	12 months in original sealed packing
7	Packing	50 Carboys & 225 Kg Drum

Special Note

Effects of over dosage A severe over-dosage of may result in Extended initial and final set, Bleed/segregation of mix and quick loss of workability Increased.

Compatibility

CAD-926 is compatible with Microsilica, Fly Ash and GGBS.

Corrosivity

Non Corrosive CAD-926 admixture will neither initiate nor promote corrosion of reinforcing steel embedded in concrete, prestressed concrete or concrete placed on galvanized steel floor and roof systems.

Workability

CAD-926 ensures that rheoplastic concrete remains workable in excess of 30 minutes at +25°C. Workability loss is dependent on temperature, and on the type of cement, the nature of aggregates, the method of transport and initial workability.

Curing

Normal Concrete curing practices shall be followed. It is strongly recommended that concrete should be properly cured particularly in hot, windy and dry climates.

The information contain here in is reliable and accurate the best of our knowledge. Technical services will provided for guidance when required. However conditions of uses and methods of application are beyond our control, no warranty is expressed or implied.

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