

BOND - CAD-907

CEMENT ADDITIVE

This is a very economical admixture specially designed to improve the strength and reduce the early setting time of cement concrete and mortars in the building construction. It can used also in cement, ceramic, pottery and textile industries. The addition of CAD-907 promotes more efficient hydration of the cement and produces a workable concrete which will flow rapidly than non-plasticized concrete under vibration.

PROPERTIES:-

1. Increase the strength by reducing the water content. Whilst retaining the same workability.
2. It is best plasticizer and increase the cement / aggregate ratio, Without affecting the strength & Workability.
3. It is a reducer and use of up to 10% less water must be made. Minimizes after water curing schedule which is a common problem in these days of water shortage and laborers negligence.
4. There is great increase in cohesion and density of cement there by reducing the porosity and water permeability.
5. The corrosion inhibiting properties of CAD-907 help protect both metal, glass and ceramic surfaces. The film is an electrical insulator and blocks the electrochemical reaction of corrosion.
6. It reduces shrinkage and cracking, negligible insoluble residue, High mechanical strength.
7. It minimizes bleeding & segregation, High dissolution rate, in hot and cold water.

APPLICATION :-

Powder 2 to 3 % by weight of cement added, either in water, which is then used for addition to cement, sand, concrete composition. Only this water is to be used instead of plain water.

SPECIFICATIONS

Sr.No.	PROPERTIES	RESULT
1	Appearance	Fine white/pale yellow granule powder
2	%wt water (+-1.0)	<2
3	Matter insoluble in water percent	0.5 max
4	chloride	0.05 max
5	Rate of solution in water , sec (5 wt% , 70 oF)	90
6	Appearance of solution	clear
7	Density (g/cm3)	0.89

PACKING: Powder : 1, 5, 25, 50 Kg. bag

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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