



A/3, Panchtirth Apartments,
Nr. Mahalaxmi Cross Road, Paldi,
Ahmedabad-380 007. India
Phone : 91-79-2663 1141 (M) 098240 68278
Fax : 91-79-2662 1078
Web : contechchemicals.com
Email : contechchemicals@hotmail.com
info@contechchemicals.com



Conflow-S Superplasticiser

Conflow-S is a Synthetic Sulphonated Naphthalene based Superplasticizer supplied in liquid form to be used with concrete mix to increase its slump, without addition of extra water. It disperses cement particles in to smaller particles and works as a dispersing agent thus improves its workability and waterproofing properties. It complies to ASTM C- 494 type-F BS 5075 part 3 IS 9103 1979 standard.

Conflow-S has high range water reducing properties and gives high early as well as ultimate strength. By adding Conflow-S in the concrete the slump is increased, which leads to the easier placebility. On the other hand by reducing the water and maintaining the slump, concrete gets higher strength as well as achieve high waterproof properties. To get the desired strength in concrete, the consumption of cement can be reduced up to 5% by using Conflow-SR. Conflow-S reduces the consumption of water up to 30% with same workability.

Product Specification:

Appearance : Dark Brown liquid
Specific Gravity : 1.23
PH : 7 - 8
Shelf Life : 1 year in closed container
Solubility in water: Unlimited
Chlorides : Nil

Advantages:

1. Water requirement reduced by 15 to 30%.
2. Reduced bleeding & shrinkage cracks
3. Increased workability
4. Retards the setting time of cement keeping the slump constant.
5. Increased strength, durability and water tightness.
6. Chloride free.
7. Decreased shrinkage.

8. Provides faster mould release and better surface finish
9. Compatible with all types of cement.

Where Used?

Conflow-S is used in all kind of concreting work i.e. in ready mixed, pre-stressed, precast, cast in situ, lightweight or expansion concrete. It is used in casting of Slabs, Slopping Slabs, Beams, Columns and congested reinforcement or thin section structures which gives honeycomb free, high strength waterproof concrete.

Conflow-S is also used in construction of Bridges, Floors, Foundation concrete, and water Retaining structures like, Sewage / Effluent treatment plants, Harbour projects, Water Tanks, Basements, Dams etc. When it is used as water-reducing agent, the early and final strength of concrete is increased which gives low permeable (waterproof) concrete. Conflow-S is highly recommended in pumpable concrete as well as in Ready Mix Concrete plants.

Instruction for use:

Conflow-S should be added to the part of mixing water prior to its addition to wet aggregates – cement mix. Conflow-S should not in any time be added to dry concrete mix. Always mix concrete constituents along with water for a minimum of 3 minutes for getting desired results.

Dosage:

In one 50 Kg. bag of cement 0.5 to 3 % Conflow-S can be used as per the requirement of slump.

Storage:

Keep tightly sealed. Store cool. Protect against temperatures below 10 degree C

Note: The Information given to you are in good faith but without Warranty since the condition of uses are beyond our control.

Construction Chemical Manufacturers & Waterproofing Contractors