

BOND CONFLOW (SNF)

Anti-Corrosive, Water Reducing, High Range Superplasticiser



PRODUCT DESCRIPTION

BOND CONFLOW (SNF) is a Brown solution based on selective Polymers to produced high workability concrete without loss of strength. It promotes high and early ultimate strength by taking advantage of water reduction whilst maintaining workability.

ADVANTAGES

- **Anticorrosive:** Helps to produce corrosion free structure.
- **Bleeding and segregation minimized:** Produces high quality concrete of improved durability and impermeability.
- **Increased Strength:** Provides high early strength for pre-cast concrete with the advantage of higher water reduction ability.
- **Improve workability:** Increased workability reduces placing time and labor cost.
- **Improve Quality of Concrete:** Denser, close textured concrete with reduced porosity and hence more durable.
- **Chloride Free:** Safe in pre-stressed concrete and with sulphate resisting cement and marine aggregates.
- **Higher Cohesion:** Cohesion is improved due to dispersion of cement particles. Minimize segregation and finish of concrete surface

APPLICATION

- High early and ultimate strength concrete.
- High performance concrete for durability
- To produce high workability concrete requiring little or no vibration during placing.
- High workability without segregation or Bleeding.
- Pre-cast & Pre-stressed concrete
- Concrete containing pozzolans such as micro silica
- GGBFS, PFA including high volume fly ash concrete

PRODUCT SPECIFICATION

Form	Liquid
Colour	Brown Liquid
Density	1.20±0.05 g/ml
Solid Content	32±2%
pH	6-10
Viscosity	100-400 cps
Chloride Content	Nil to BS 5075

APPLICATION METHOD

DOSAGE

The optimum dosage is best determined by site trials with the concrete mix that enables the effect of workability, strength gain or cement reduction to be measured. Site trial with this product should always be compared with mix containing no admixture. BOND CONFLOW (SNF)350 to 400 ml Per 50 KG Bag of Cement + Aggregates Mixture.

MIXING

The measured quantity of this product should be added along with the gauging water. For best result, add this product in the last phase after pre-wetting the mix with 80% of the total water required.

CURING

Normal curing methods such as water pounding/ spray must be used.

PACKING

20 LTR Can Packing.

STORAGE

The material in unopened conditioned shall be stored on pallets in a cool and shaded area and should be protected from extreme climatic conditions.

SHELF LIFE

The shelf life is 12 months when stored as per recommendation and in un-opened conditions.

HEALTH & PRECAUTIONS

As with all construction chemical products caution should always be exercised. Protective clothing such as gloves and goggles should be worn. Treat any splashes to skin or eyes with fresh water immediately. Should any of the products be accidentally swallowed, do not induce vomiting but call for medical assistance immediately.

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