

BOND CONMIX SP

High Range Hyper Plasticizing Admixture Based on Polycarboxylic Ether



PRODUCT DESCRIPTION

BOND CONMIX SP is a new generation hyperplasticizer specifically designed for use in concrete. BOND CONMIX SP is based on polycarboxylic ether and hyper plasticizing synthetic polymers carefully selected to give superior initial and ultimate results. BOND CONMIX SP does not contain any added chloride ions ensuring that the product does not support corrosion of reinforcing steel. Being anti corrosive in nature, helps concrete and steel to prevent corrosion.

ADVANTAGES

- Hyper plasticizing action of this product produces free flowing concrete, with most kinds of aggregates and varying fine aggregates.
- BOND CONMIX SP maintains the workability over longer periods.
- BOND CONMIX SP helps in production of high-quality concrete which exhibits superior compressive, tensile and flexural strengths and exhibits excellent resistance to chloride and sulphide attacks on concrete.
- BOND CONMIX SP is specially suggested in all high strength concrete in construction of marine structures, pile foundations and bridge girders.
- BOND CONMIX SP enables production of dense impermeable and fair finish concrete.

APPLICATION

- BOND CONMIX SP is recommended where very high initial and ultimate strengths are expected.
- BOND CONMIX SP is recommended in marine structures, pile foundations, bridge girders, caissons and such structures where quality of concrete is of prime importance.
- BOND CONMIX SP improves finishing and floating times.
- BOND CONMIX SP is also recommended for use with micro silica.

PRODUCT SPECIFICATION

Form	Liquid
Colour	Brown Liquid
Density	1.07±0.05 g/ml

Solid Content	26±2%
pH	6-10
Viscosity	50-250 cps
Chloride Content	Nil to BS 5075
Air entrainment	Less than 2%

APPLICATION METHOD

DOSAGE

The optimum dosage determined by site trails with a specific concrete mix which enables the effects of workability, strength gain and setting time to be measured. BOND CONMIX SP 200 to 250 ml Per 50 KG Bag of Cement + Aggregates Mixture.

MIXING

BOND CONMIX SP should be stirred before use. BOND CONMIX SP is a ready-to-use liquid, which is dispensed into the concrete together with the mixing water. The dispersing of admixture shall be more uniform if the admixture is added to the damp concrete after 50 to 70% of the mixing water has been added. The addition of BOND CONMIX SP to dry aggregate or cement is not recommended.

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 18 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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