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Fast PC 2350 (LS)

High range Water-Reducing & Retarding (Hybrid Admixture)

PRODUCT DESCRIPTION

FAST PC 2350 LS is a third generation polycarboxylic plasticizer for concrete, designed to produce concrete with high slump and workability along with very high strength.

- Designed to obtain rheoplastic concrete with slump of at least 200mm, without segregation.
- Reduces thermal peaks.
- Reduction of 20% water whilst increasing workability, durability & impermeability.
- Increases ultimate compressive strength.
- Effects economies of concrete mix thereby saving cement.
- Improves pump-ability of the material.
- Reduces the placing problems in hot weather conditions.
- Improves trowel-ability & surface finish.
- Reduces the incidence of honeycombing and cold joints during vibration.

RECOMMENDED USES

- Microsilica concrete.
- Pre-cast concrete.
- Ready mixed concrete.
- Long distance transportation.
- In hot weather to extend workability.
- Pumped Concrete. Mass concrete pours.

IMPORTANT INFORMATION

Supplied in: 200 Kg Drums, 1000 Kg IBC, 200 Ltr Drums, 1000 Ltr IBC

Storage: Dry, frost free area. Out of direct sunlight.

Shelf life: 8 months.

Hazard Class: No dangerous goods. Consult MSDS for details.

Standards: ASTM C-494 Type A, B, D, F and G.

CURING

Fresh poured concrete must be cured properly, particularly when subject to high temperatures, in order to prevent drying shrinkages and cracks. Use FAST Curing compounds to achieve best results or apply wet hessians.

SETTING TIME

FAST PC 2350 LS ensures that rehoplastic concrete remains workable in excess of 3 hours at +20°C. Workability loss is dependent on temperature, type of cement, nature of aggregate and method of transport. It is strongly recommended that concrete should be properly cured, particularly in hot and dry climates.

EFFECT OF OVERDOSAGE:

- Retardation of initial set.
- Increase in air contents.
- Loss of workability.
- Bleed/segregation of mix.

MIXING

FAST PC 2350 LS should be added to concrete during mixing cycle at same time as the water aggregates. Never add PC 2350 LS to the dry cement. PC 2350 LS is introduced into the mixer together with mixing water. The plasticizing effect or water reduction is higher if the admixture is added to the concrete after 50-70% of the mixing water has been added.

CAUTION

FAST PC 2350 LS is not a fire or health hazard. Spilages should be washed down immediately with cold water. For further information refer to the material safety data sheet.



PHYSICAL PROPERTIES

Type	PC 2350 LS
Color	Brown Liquid
Chloride content to BS5075:1982	Nil
Nitrate content	Nil
Consumption with 100kg Cement	0.8-2.5%
Specific Gravity	1.068
Air contents	Less than 1%
Freezing Point	0°C. can be reconstituted, if stirred after thawing
Flash Point	None
pH	6.4 (4-8)

WARRENTY

This product is warranted to be free of defects in material and workmanship, and conforms to FastChem Construction Chemicals ("FastChem") quality control standards. All recommendations, statements and technical data herein are based on tests we believe to be reliable and correct, but accuracy and completeness of tests and data are not guaranteed and are not to be construed as a warranty or guaranty of any kind, expressed or implied including but not limited to, an implied warranty of merchantability or implied warranty of fitness for a particular purpose.

