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Fast PC 2270 G

High range Water-Reducing & Retarding Hyper Plasticizer for Concrete

PRODUCT DESCRIPTION

FAST PC 2270 G is a third generation polycarboxylic plasticizer for concrete, developed to obtain Reduction of 30% water whilst enhancing workability, durability & impermeability.

- Increases early ultimate compressive strength.
- Higher Flexural Strength and E modulus.
- Excellent flowability resulting from electrostatic dispersion and steric hinderance of carboxylic ether polymer.
- Reduces thermal peaks.
- strong self-compacting behaviour.
- Improve pump-ability of concrete.
- Improves pump-ability or conace fnish.
- Reduces the incidence of honeycombing and cold joints during vibration.

RECOMMENDED USES

- Microsilica concrete.
- High Strength Concrete.
- Ready mixed concrete.
- Pre-cast concrete manufacturing
- Pumped concrete.
- SCC Concrete.

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.If product has frozen, thaw and agitate until completely reconstituted

Shelf life: 8 months.

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

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 2270 G 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.

MIXING

FAST PC 2270 G should be added to concrete during mixing cycle at same time as the water aggregates. Never add PC 2270 G to the dry cement. PC 2270 G 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 2270 G 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 2270 G
Color	Light Brown Liquid
Chloride content to BS5075:1982	Nil
Nitrate content	Nil
Consumption with 100kg Cement	0.4-2%
Specific Gravity	1.07-1.09
Air contents	Less than 2%
Freezing Point	0°C. can be reconstituted, if stirred after thawing
Flash Point	None

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.

