



1.25 FAST NP 915

High Range Water Reducing & Retarding Naphtha Plasticizer

PRODUCT DESCRIPTION

Fast NP 915 is a ready-to-use, high range water-reducing admixture designed to produce concrete with high slump and workability along with very high strength. A Best design Mixture with Polycarboxylate 3rd generation have a low Viscosity

- Designed to obtain rheo-plastic 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.

USES

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

APPLICATION INSTRUCTIONS

Important Information:

Supplied in: 210 Liter Drums or 1000 liter IBC tanks.

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

Shelf life: 24 months.

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

APPLICATION INSTRUCTIONS

Setting Time:

Fast NP 915 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 Over Dosage:

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

Mixing:

Fast NP 915 should be added to concrete during mixing cycle at same time as the water and aggregates. 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.

Curing:

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

Caution:

Fast NP 915 is not a fire or health hazard. Spillages should be washed down immediately with cold water. For further information refer to the material safety data sheet.



TECHNICAL DATA:

Standard	ASTM-C494. Type A,F & S
Color	Dark brown liquid
Chloride content to BS5075 :1982	2% ± 0.5
Nitrate content	Nil
Consumption with 100kg Cement	0.8 - 2.5 %
Specific Gravity	1.12 - 1.13 @ 25 °C
Air contents	2% ± 0.5
Freezing Point	0°C. can be reconstituted, if stirred after thawing
Flash Point	None