



PLASTOL 341

RETARDING SUPERPLASTICIZER

DESCRIPTION

PLASTOL 341 is a polycarboxylate plasticising admixture manufactured with state of the art chemistries which provides exceptional slump retention without excessive retardation in very warm temperature. Plastol 341 shows improved finishing characteristics when compared to other commonly used admixtures. Plastol 341 does not contain Calcium Chloride.

PRIMARY APPLICATIONS

- Ready mix concrete
- Hot weather Concreting
- Concrete mixtures utilizing Fly Ash, Slag or other natural pozzolans

FEATURES/BENEFITS

Plastic Concrete

- Improves finishability
- Improves workability
- Reduces water requirement
- Superior slump retention

Hardened Concrete

- Increases all strength
- Reduces permeability
- Increases durability
- Improves finished appearance

TECHNICAL INFORMATION

Performance Data:

Physical State : Light brown liquid
 Base Material : Polycarboxylate
 Specific Gravity : 1.08 ± 0.02 @25°C
 Air entrainment < or =1.5% over control mix
 pH : Min 6
 Chloride Content : <0.2 %
 Compatible with all cement types like OPC, OPC+fly ash, PPC etc.,

PACKAGING

PLASTOL 341 is packaged in bulk 220 Kg.

SHELF LIFE

1 Year in original, unopened container.

SPECIFICATIONS/COMPLIANCES

- Confirms the requirements of IS 9103/2007
- ASTM C 494, Type G
- AASHTO M 194

DIRECTIONS FOR USE

Normal dosage range is 200 ml - 600 ml/50 kg of cement.

However the optimum dosage is determined by site trials.

Plastol 341 should be added to initial batch water of the concrete mixture.

Do not dispense on to dry cement.

Over dosing leads to retardation of setting times of concrete, Mix may segregate and bleeding of concrete.

PRECAUTIONS / LIMITATIONS

- Care should be taken to maintain PLASTOL 341 above freezing; however, freezing and subsequent thawing will not harm the material if thoroughly agitated. Never agitate with air or an air lance.
 - In all cases, consult the Safety Data Sheet before use.
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