



PLASTOL 251

MID RANGE WATER REDUCING ADMIXTURE

DESCRIPTION

PLASTOL 251 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 251 shows improved finishing characteristics when compared to other commonly used admixtures.

PRIMARY APPLICATIONS

- Ready mix concrete
- Hot weather Concreting
- Concrete mixtures utilizing Flyash, Slag or other natural pozzolana

FEATURES/BENEFITS

Plastic Concrete

- Improves finishability
- Improves workability
- Reduces water requirement
- Improves setting times
- Excellent slump retention

Hardened Concrete

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

TECHNICAL INFORMATION

Performance Data:

Physical State	Straw yellow to light brown color liquid
Base Material	Polycarboxylate
Specific Gravity	1.08 ± 0.02 @ 27°C
pH	Min. 6
Chloride Content	< 0.2 %

PACKAGING

PLASTOL 251 is packaged in 220 Kg HDPE Barrel.

SHELF LIFE

12 months 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 251 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 251 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.