



PLASTOL 3610

HIGH RANGE WATER REDUCING ADMIXTURE

EUCLID CHEMICAL

DESCRIPTION

PLASTOL 3610 is a polycarboxylate plasticising admixture manufactured with state of the art chemistries developed for the production of high performance concrete / high strength concrete. Plastol 3610 shows improved finishing characteristics when compared to other commonly used admixtures. Plastol 3610 doesn't contain Calcium Chloride.

PRIMARY APPLICATIONS

- Cast in Place
- Ready mix Concrete
- Flowable Concrete
- Concrete mixtures utilizing Fly Ash, Slag or other natural pozzolans
- SCC Concrete

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
- Achieve high early strength

TECHNICAL INFORMATION

Performance Data:

Physical State	Straw yellow to light brown color liquid
Base Material	Polycarboxylate
Specific Gravity	1.09 ± 0.02 @ 270C
pH	Min. 6
Chloride Content	<0.2 %

Compatible with all cement types like OPC, OPC+fly ash, PPC etc.,

PACKAGING

PLASTOL 3610 is packaged in 220 Kg HDPE Barrel.

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

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Rev-01/18

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 3610 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 3610 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, refer the Safety Data Sheet before use.