PLASTOL 3616 HIGH RANGE WATER REDUCING ADMIXTURE



DESCRIPTION

PLASTOL 3616 is a polycarboxylate plasticising admixture manufactured with state of the art chemistries developed for the production of high performance concrete / high strength concrete. Plastol 3616 shows improved finishing characteristics when compared to other commonly used admixtures. Plastol 3616 doesn't contain Calcium Chloride.

PRIMARY APPLICATIONS

- Cast in Place.
- Ready-mix concrete.
- Flowable Concrete.
- SCC Concrete .

FEATURES/BENEFITS

Plastic Concrete

- Improves finishability
- Improves workability
- Reduces water requirement
- Excellent Slump retention.

TECHNICAL INFORMATION

• Improves setting times

Hardened Concrete

Increases compressive strength

or other natural pozzolans .

• High performance concrete.

• Concrete mixtures utilizing Fly Ash, Microsilica, Slag

- Reduces permeability
- Improves finished appearance
- Achieve high early strength
- Increases durability

| PROPERTY | VALUE |
|------------------|--|
| Physical state | Straw yellow to light brown color liquid |
| Base material | Polycarboxylate |
| Specific Gravity | 1.100 ± 0.02 @ 27°C |
| рН | Minimum 6 |
| Chloride Content | < 0.2% |

Compatible with all cement types like OPC, OPC+Fly ash, PSC etc.

PACKAGING

PLASTOL 3616 is packaged in 220 Kg HDPE Barrel.

SHELF LIFE

1 year in original, unopened package.



SPECIFICATIONS/COMPLIANCES

Plastol 3616 meets or exceeds the requirements of: •

- 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 3616 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 seggregate and bleeding of concrete.

PRECAUTIONS/LIMITATIONS

- Care should be taken to maintain PLASTOL 3616 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 the cases, refer Safety Data sheet before use.



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