



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 .
- Concrete mixtures utilizing Fly Ash, Microsilica, Slag or other natural pozzolans .
- High performance concrete.

FEATURES/BENEFITS

Plastic Concrete

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

Hardened Concrete

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

TECHNICAL INFORMATION

PROPERTY	VALUE
Physical state	Straw yellow to light brown color liquid
Base material	Polycarboxylate
Specific Gravity	1.100 ± 0.02 @ 27°C
pH	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 segregate 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.