



# PLASTOL 3615

## HIGH RANGE WATER REDUCING ADMIXTURE

### DESCRIPTION

PLASTOL 3615 is a polycarboxylate plasticising admixture manufactured with state of the art chemistries developed for the production of high performance concrete / high strength concrete. Plastol 3615 shows improved finishing characteristics when compared to other commonly used admixtures. Plastol 3615 doesn't contain Calcium Chloride.

### FEATURES/BENEFITS

- Cast in Place
- Ready mix Concrete
- Flowable Concrete
- Concrete mixtures utilizing Fly Ash, Slag or other natural pozzolans
- SCC Concrete
- High performane 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
- Improves finished appearance
- Increases durability

### TECHNICAL INFORMATION

Typical properties of mixed material

PROPERTY	VALUE
Physical state	Straw yellow to light brown color liquid
Base material	Polycarboxylate
Specific Gravity	1.100 ± 0.02 @27°C
pH	Minimum 6.00
Chloride Content	< 0.2%
Air Entrainment	≤ 1.5% over control mix

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

### PACKAGING

PLASTOL 3615 is packaged in 220 Kg HDPE Barrel.

## SHELF LIFE & STORAGE

1 year in original, unopened package.

## SPECIFICATIONS/COMPLIANCES

Plastol 3615 Confirms to 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 3615 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 3615 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