



# PLASTOL 372

MID RANGE WATER REDUCING ADMIXTURE-RETARDING SUPERPLASTICIZER

EUCLID CHEMICAL

MID RANGE WATER REDUCING ADMIXTURE

PLASTOL 372

Rev.01, 04/20

## DESCRIPTION

PLASTOL 372 is a polycarboxylate plasticizing admixture manufactured with state of the art chemistries developed for the production of high performance concrete / high strength concrete. Plastol 372 shows improved finishing characteristics when compared to other commonly used admixtures. Plastol 372 doesn't contain Calcium Chloride.

## PRIMARY APPLICATIONS

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

## FEATURES/BENEFITS

### Plastic Concrete

- Improves finishability
- Improves workability
- Reduces water requirement

### Hardened Concrete

- Increases all 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	1.07 ± 0.02 at 27° C
pH	Minimum 6
Chloride Content	< 0.2%

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

## PACKAGING / YIELD

PLASTOL 372 is packaged in 220 Kg HDPE Barrel.

## SHELF LIFE

1 Year in original, unopened container.

## SPECIFICATIONS/COMPLIANCES

Plastol 372 meets or exceeds 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 372 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 372 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.