



# PLASTOL K2

## HIGH-RANGE WATER REDUCING RETARDING ADMIXTURE DESCRIPTION

**EUCLID CHEMICAL**

MID-RANGE WATER REDUCING RETARDING ADMIXTURE

PLASTOL K2

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### DESCRIPTION

PLASTOL K2 is a polycarboxylate plasticising admixture manufactured with state of the art chemistries developed for the production of high performance concrete / high strength concrete. Plastol K2 shows improved finishing characteristics when compared to other commonly used admixtures. Plastol K2 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
- 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:

PROPERTY	VALUE
Physical State	Light colorless hazy to light brown color liquid
Base Material	Polycarboxylate
Specific Gravity	1.08 ± 0.02 @27°C
pH	Minimum 6
Chloride Content	<0.2 %

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

### PACKAGING / YIELD

PLASTOL K2 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

## 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 K2 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 K2 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.