



# PLASTOL 3200

## HIGH-RANGE WATER REDUCING ADMIXTURE

EUCLID CHEMICAL

HIGH-RANGE WATER REDUCING ADMIXTURE

PLASTOL 3200

Rev:01, 04/20

### DESCRIPTION

PLASTOL 3200 is a polycarboxylate plasticising admixture manufactured with state of the art chemistries developed for the production of high performance concrete / high strength concrete. Plastol 3200 shows improved finishing characteristics when compared to other commonly used admixtures. Plastol 3200 doesn't contain Calcium Chloride.

### PRIMARY APPLICATIONS

- Cast in Place
- Ready mix Concrete
- Flowable Concrete
- Concrete mixtures utilizing Fly Ash, Slag or other natural pozzolans
- SCC and Low fines 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
- Increases durability
- Improves finished appearance
- Achieve high early strength

### TECHNICAL INFORMATION

#### Performance Data:

| PROPERTY         | VALUE                                    |
|------------------|--|
| Physical State   | Straw yellow to light brown color liquid |
| Base Material    | Polycarboxylate                          |
| Specific Gravity | 1.09 ± 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 3200 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 3200 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 3200 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.