



# EUCON 230

## WATER REDUCING/SET RETARDING ADMIXTURE

### DESCRIPTION

Eucon 230 is a water reducing and retarding admixture for concrete. This versatile admixture consists of a modified carboxylate polymer which produces high quality concrete economically. Eucon 230 shows improved finishing characteristics and provides homogeneous concrete.

### PRIMARY APPLICATIONS

- Used for all cement types.
- Concrete made with SCM
- Architectural Concrete
- General purpose ready mix concrete.
- Hot weather concreting
- Mass Concrete.

### FEATURES/BENEFITS

#### Plastic Concrete

- Improves finishability
- Improves workability
- Reduces water requirement

#### Hardened Concrete

- Increases compressive strength
- Reduces permeability
- Improves finished appearance
- Reduces shrinkage
- Increases durability

### TECHNICAL INFORMATION

TEST TYPE	METHOD
Physical State	Straw yellow to brown liquid
Base Material	Modified polycarboxylate
Specific gravity	1.07 ±0.02 @25°C
Air entrainment	< or =1.5% over control mix
pH	Minimum 6
Chloride content	<0.2 %

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

### PACKAGING

EUCON 230 is packaged in bulk 220 kg and 20 kg drums.

### SHELF LIFE

1 year in original, unopened package.

### SPECIFICATIONS/COMPLIANCES

EUCON 230 meets or exceeds the requirements of:

- IS 9103/2007
- ASTM C 494, Type G

## DIRECTIONS FOR USE

Normal dosage range is 200ml – 700ml/50 kg of cement. However the optimum dosage is determined by site trials. EUCON 230 should be added to the initial batch water of the concrete mixture. Do not dispense onto dry cement. Overdosing leads to retardation of setting times of concrete, mix may segregate and bleeding of concrete.

## PRECAUTIONS/LIMITATIONS

- Care should be taken to maintain EUCON 230 above freezing; however, freezing and subsequent thawing will not harm the material if thoroughly agitated. Never agitate with air or an air lance.
- Add to mix independent of other admixtures.
- In all the cases , refer Safety Data sheet before use.

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