



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 , consult Safety Data sheet before use.