



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
- Hot weather concreting
- Pavement quality 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

PROPERTY	VALUE
Physical State	Straw yellow to brown liquid
Base Material	Modified polycarboxylate
Specific gravity	1.07 ±0.02 @27°C
Air entrainment	≤ 1.5% over control mix
pH	Minimum 6
Chloride content	<0.2 %

Compatible with all cement types like OPC, OPC+Fly ash, PSC 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 admixture.
- In all the cases , refer Safety Data sheet before use.