



# EUCON HC 150

## WATER REDUCING/SET RETARDING ADMIXTURE

### DESCRIPTION

Eucon HC 150 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 HC 150 shows improved finishing characteristics and provides homogeneous concrete.

### FEATURES/BENEFITS

- 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

- General purpose ready mix concrete
- Hot weather concreting
- Mass Concrete.

### TECHNICAL INFORMATION

Typical properties of mixed material

PROPERTY	VALUE
Physical state	Straw yellow to brown liquid
Base material	Modified polycarboxylate
Specific Gravity	1.060 ± 0.02
pH	Minimum 6.00
Chloride Content	< 0.2%
Air Entrainment	≤ 1.5% over control mix

### PACKAGING

EUCON HC 150 is packaged in bulk 220 kg HDPE Barrels.

### SHELF LIFE & STORAGE

1 year in original, unopened package.

## DIRECTIONS FOR USE

- Normal dosage range is 200ml – 600ml/50 kg of cement.
- However the optimum dosage is determined by site trials.
- EUCON HC 150 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.

## SPECIFICATIONS/COMPLIANCES

EUCON HC 150 confirms to the requirements of

- IS 9103/2007
- ASTM C 494, Type G
- ASHTO M 194

## PRECAUTIONS/LIMITATIONS

- Care should be taken to maintain EUCON HC 150 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.