



EUCON HC 350

WATER REDUCING/SET RETARDING ADMIXTURE

EUCLID CHEMICAL

MID RANGE WATER REDUCER

EUCON HC 350

Rev.01, 04/20

DESCRIPTION

Eucon HC 350 is a Mid Range water reducing admixture for concrete. This versatile admixture consists of a modified carboxylate polymer which produces high quality concrete economically. Eucon HC 350 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
- Flowable & SCC 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

Typical properties of mixed material

PROPERTY	VALUE
Physical state	Straw yellow to brown liquid
Base material	Modified polycarboxylate
Specific Gravity	1.07 ± 0.02 @27°C
pH	Minimum 6.00
Chloride Content	<. 0.2%
Air Entrainment	≤ 1.5% over control mix

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

PACKAGING

EUCON HC 350 is packaged in bulk 220 kg HDPE Drums.

SHELF LIFE & STORAGE

1 year in original, unopened package.

SPECIFICATIONS/COMPLIANCES

EUCON HC 350 confirms to the requirements of

- IS 9103/2007
- ASTM C494, Type G
- AASHTO M 194

DIRECTIONS FOR USE

- Normal dosage range is 200ml – 700ml / 50 kg of cement.
- However the optimum dosage is determined by site trials.
- EUCON HC 350 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 HC 350 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