



# EUCON HC

## WATER REDUCING/SET RETARDING ADMIXTURE

RETARDERS

### DESCRIPTION

**EUCON HC** 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 shows improved finishing characteristics when compared to untreated concrete. EUCON HC contains no added chlorides and will not promote corrosion of steel.

### PRIMARY APPLICATIONS

- Flatwork concrete
- Architectural concrete
- General purpose ready mixed concrete
- Mass concrete
- Bridge decks
- Hot weather concreting

### FEATURES/BENEFITS

#### Plastic Concrete

- Improves finishability
- Improves workability
- Reduces water requirement
- Extends setting times

#### Hardened Concrete

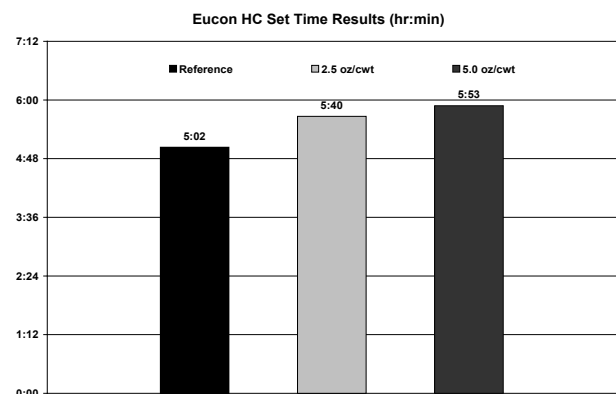
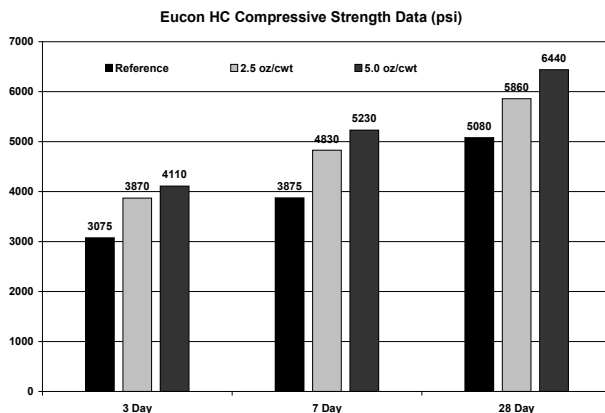
- Increases compressive strength
- Reduces permeability
- Improves finished appearance
- Reduces shrinkage
- Increases durability
- Non staining

### TECHNICAL INFORMATION

#### Performance Data

The following test results were achieved using typical ASTM C 494 mix design requirements, 517 lb/yd<sup>3</sup> (307 kg/m<sup>3</sup>) cement content and similar ( $\pm 0.5$ )% air content.

These results were obtained under laboratory conditions with materials and mix designs meeting the specifications of ASTM C 494. Changes in materials and mix designs can affect the dosage response of EUCON HC.



EUCON HC

MASTER FORMAT #:  
03 30 00 03 40 00  
03 70 00

## PACKAGING

EUCON HC is packaged in bulk, 275 gal (1041 L) totes, 55 gal (208 L) drums, and 5 gal (18.9 L) pails.

## SHELF LIFE

1 year in original, unopened package.

## SPECIFICATIONS/COMPLIANCES

EUCON HC meets or exceeds the requirements of:

- ASTM C 494, Type B and Type D
- AASHTO M 194

## DIRECTIONS FOR USE

EUCON HC is normally used at dosages of 2 to 8 oz per 100 lb (130 to 520 ml per 100 kg) of cementitious material. Higher dosages are acceptable with prior testing and confirmation of the desired performance with specific materials being used.

EUCON HC should be added to the initial batch water of the concrete mixture. Do not dispense onto dry cement.

## PRECAUTIONS/LIMITATIONS

- Care should be taken to maintain EUCON HC 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 cases, consult the Safety Data Sheet before use.

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