



# EUCON RETARDER 75

## CONCRETE WATER REDUCING SET CONTROLLING RETARDER

### DESCRIPTION

**EUCON RETARDER 75** is a synthetically produced liquid water-reducing and set retarding admixture for concrete. EUCON RETARDER 75 does not contain calcium chloride or other potential corroding materials, and may be used in the presence of aluminum or zinc metals. It is compatible with air-entraining agents, water reducers and calcium chloride, but they must be added separately to the mix.

### PRIMARY APPLICATIONS

- Prestressed concrete
- Concrete requiring water reduction and set time control
- Architectural concrete
- Hot weather concrete placement

### FEATURES/BENEFITS

#### Plastic Concrete

- Retards setting characteristics
- Improves finishability
- Improves workability
- Reduces water requirements
- Reduces segregation

#### Hardened Concrete

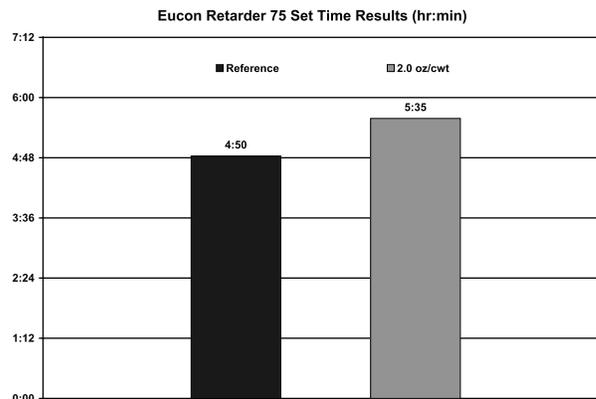
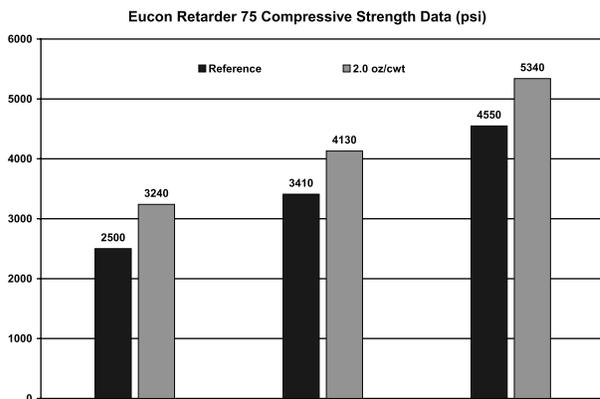
- Increases strengths
- Improves finished appearance
- Reduces cracking
- Reduces permeability
- Non staining

### 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 RETARDER 75.



## PACKAGING

EUCON RETARDER 75 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 container.

## SPECIFICATIONS/COMPLIANCES

- ASTM C 494, Types B & D
- AASHTO M 194
- ANSI/NSF STD 61

## DIRECTIONS FOR USE

EUCON RETARDER 75 is normally used at dosages of 2 to 5 oz per 100 lb (130 to 330 ml per 100 kg) of cementitious material, depending on the application. Higher dosages are acceptable with prior testing and confirmation of the desired performance with specific materials being used.

EUCON RETARDER 75 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 RETARDER 75 above freezing; however, freezing and subsequent thawing will not harm the material if thoroughly agitated.
- Add to mix independent of other admixtures.
- In all cases, consult the Safety Data Sheet before use.

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