



# EUCON DS

## SET RETARDING/HYDRATION STABILIZING ADMIXTURE

### DESCRIPTION

**EUCON DS** is a liquid chemical admixture specially formulated to retard concrete for extended periods of time. EUCON DS will virtually stop the hydration of cement during hot weather or extended pumping operations. EUCON DS does not contain any added chloride ions and is non-corrosive. EUCON DS can be used as a set retarding admixture to minimize slump loss and when used in combination with other water reducing and or water reducing set retardation admixtures, control slumps of 8" to 10" (200 - 250 mm) and retain these slumps for 2 hours or more.

### PRIMARY APPLICATIONS

- Extended retardation
- Concrete requiring extended slump life
- Pumping concrete

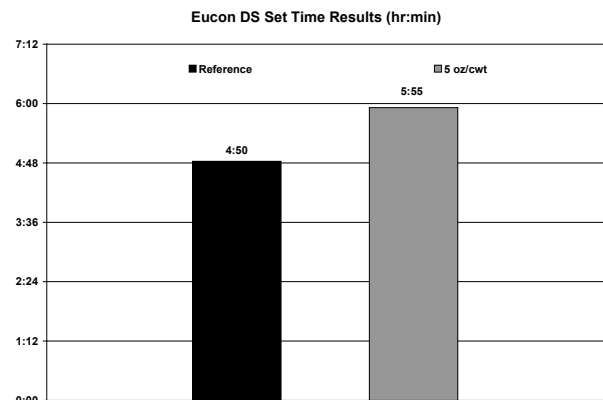
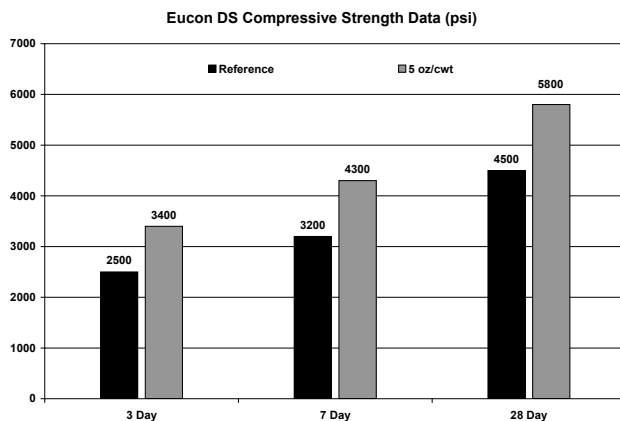
### FEATURES/BENEFITS

- Wash-out time is decreased due to the rapid cleansing action of the proprietary ingredients in EUCON DS
- Protects the environment
- Reduces clean-up time
- Superior set retardation
- Retains slump life for 2 hours or more

### 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 DS.



## PACKAGING

EUCON DS is packaged in bulk, 275 gal (1041 L) totes, 55 gal (208 L) and 5 gal (18.9 L) pail.

## SHELF LIFE

2 years in original, unopened container.

## SPECIFICATIONS/COMPLIANCES

- Meets ASTM C 494 Types B & D

## DIRECTIONS FOR USE

EUCON DS should be added to the sand and water. It should not come in contact with dry cement or other admixtures until they are mixed in the concrete batch.

Typical dosage rates for EUCON DS are **1 - 16 oz** per 100 lb (65 to 1000 ml per 100 kg) of cementitious material. Higher and lower dosages are acceptable depending on the level of retardation required and the ambient temperature conditions that the concrete is being placed. Trial batches are recommended to document performance with local materials.

\*Note: The ambient temperature conditions of a concrete mix will have a strong influence on how the Eucon DS performs, in cooler conditions lower dosages are required to have the same effect that is experienced at warmer ambient conditions. Please refer to Euclid Technical Bulletin ECTB 10-1, Set Retarding Admixtures, for further information and guidelines on this topic.

## PRECAUTIONS / LIMITATIONS

- Wear protective goggles and gloves when handling EUCON DS
- Add to mix independent of other admixtures.
- Care should be taken to maintain EUCON DS above freezing; however, freezing and subsequent thawing will not harm the material if thoroughly agitated.
- Do not agitate with air.
- In all cases, consult the Safety Data Sheet before use.

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