



# EUCON WR

## WATER REDUCING ADMIXTURE

### DESCRIPTION

**EUCON WR** is a solution of modified salt of ligno sulfonic acid which is completely free of any added chloride ions. It is a water-reducing, normal-set admixture for concrete. It provides a more plastic and cohesive mix in the fresh concrete and better durability, reduced shrinkage and less permeability in the hardened concrete.

### PRIMARY APPLICATIONS

- Ready mixed concrete
- Prestressed concrete
- Precast concrete
- General use concrete
- Lightweight concrete
- Expansive concrete

### FEATURES/BENEFITS

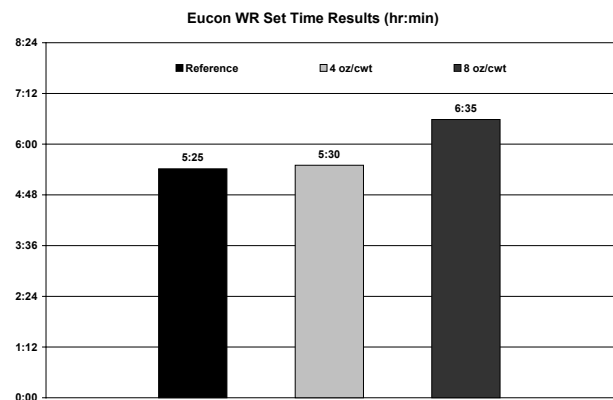
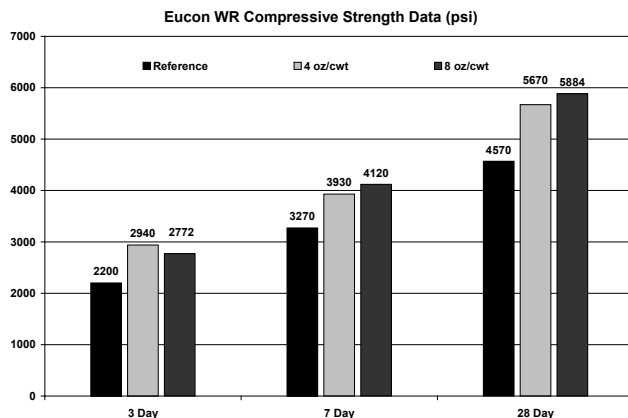
- Provides easier handling and finishing
- Increases strength
- Provides increased durability
- Reduces shrinkage and permeability

### 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 WR.



## PACKAGING

EUCON WR 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

EUCON WR meets or exceeds the requirements of:

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

## DIRECTIONS FOR USE

EUCON WR is typically used at dosages of 2 to 10 oz per 100 lbs (130 to 650 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 WR 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 WR 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.

Rev. 3.17

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