

## WATER REDUCERS

Master Format #: 03 30 00 03 40 00 03 70 00

# EUCON™ WRX

## WATER REDUCING ADMIXTURE



EUCLID CHEMICAL

### PACKAGING

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 C494, Type A & D

AASHTO M194

## DESCRIPTION

EUCON WRX is a liquid, water reducing and set retarding admixture for concrete formulated for air stability. EUCON WRX shows improved setting and finishing characteristics when compared to other commonly used ASTM C494 Type A water reducers. EUCON WRX contains no added chlorides or chemicals known to promote the corrosion of steel.

## PRODUCT CHARACTERISTICS

### FEATURES & BENEFITS

- Improves finishability and workability
- Reduces segregation
- Improves setting times
- Increases durability
- Reduces water requirement
- Increases strength
- Reduces permeability
- Improves finished appearance
- Reduces cracking

### PRIMARY APPLICATIONS

- Flatwork concrete
- Ready mix concrete
- Mass concrete
- Hot weather concrete
- Bridge Decks
- Architectural concrete
- Precast / Prestressed concrete

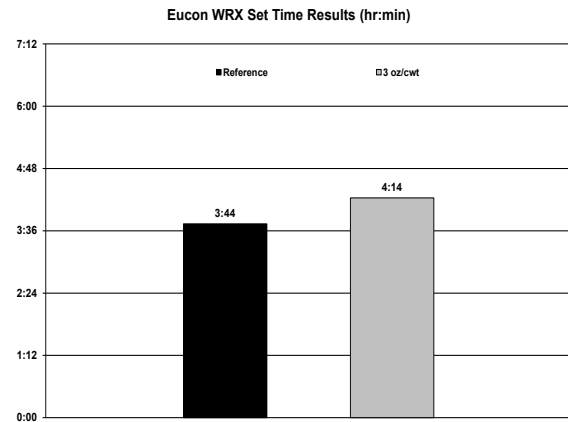
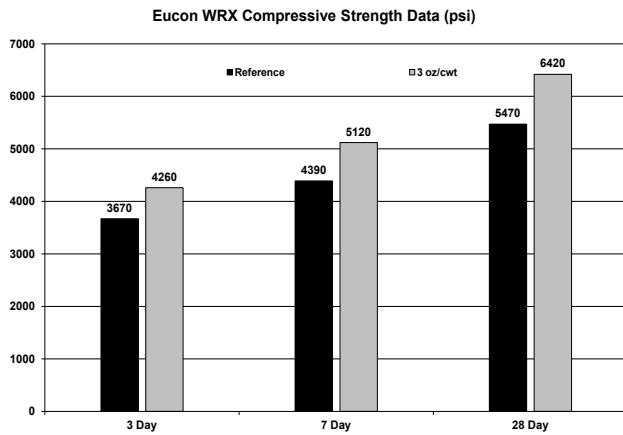
## PRECAUTIONS/LIMITATIONS

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

## TECHNICAL INFORMATION

### PERFORMANCE DATA

The following test results were achieved using typical ASTM C494 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 C494. Changes in materials and mix designs can affect the dosage response.



## DIRECTIONS FOR USE

EUCON WRX is typically used at dosages of 2 - 10 oz/100 lbs (130 - 650 mL/100 kg) of cementitious material. Higher dosages are acceptable with prior testing and confirmation of the desired performance with specific materials being used.

EUCON WRX has been tested per ASTM C494 at a Type A dosage of 3 oz/100 lbs (195mL/100 kg) of cementitious materials and at 7 oz/100 lbs (460 mL/100 kg) of cementitious materials for Type B and D requirements.

EUCON WRX is formulated to maintain a stable air content where conventional water reducing admixtures have shown a tendency to produce erratic air contents.

EUCON WRX should be added to the initial batch water of the concrete mixture. Do not dispense onto dry cement. Because of variations in job conditions and concrete materials, dosages other than the recommended amounts may be required. In such cases, contact your local Euclid sales representative. Trial mixes should be performed to determine the adequate air entraining admixture dosage.

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