



EUCON WR 75

WATER REDUCING, SET RETARDING ADMIXTURE

DESCRIPTION

EUCON WR 75 is a synthetically produced liquid, water-reducing and retarding admixture for concrete that has been formulated to give optimum performance in reducing water requirements for concrete. EUCON WR 75 does not contain calcium chloride or other potential corroding materials; therefore, it may be used in prestressed concrete or in the presence of aluminum or zinc imbedments. It is compatible with air-entraining agents, waterproofers and calcium chloride, but they must be added separately to the mix.

PRIMARY APPLICATIONS

- Flatwork concrete
- General ready mix concrete
- Architectural concrete
- Hot weather concrete
- Mass concrete
- Bridge Decks

FEATURES/BENEFITS

Plastic Concrete

- Improves finishability
- Improves workability
- Improves finished appearance
- Reduces water requirements
- Retards setting characteristics
- Reduces segregation
- Compatible with air entraining agents and CaCl₂

Hardened Concrete

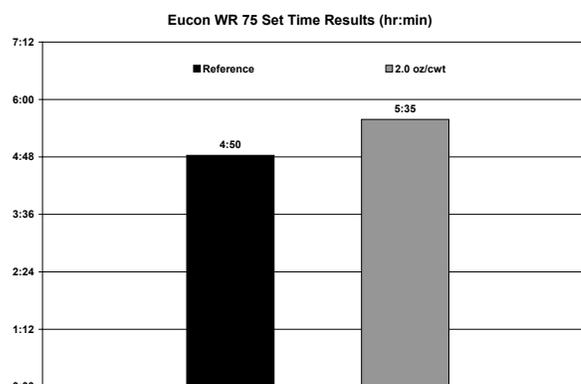
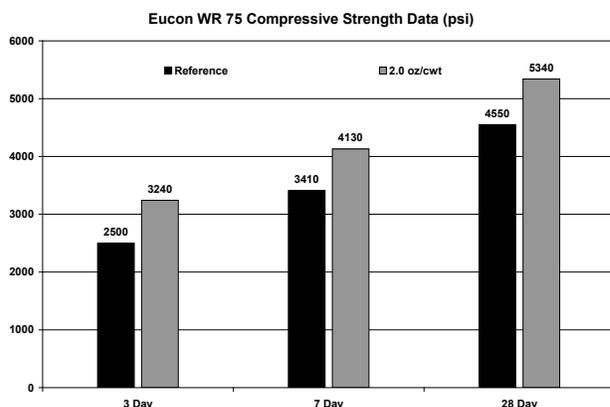
- Reduces cracking
- Reduces permeability
- Increases all strengths

TECHNICAL INFORMATION

Performance Data

The following test results were achieved using typical ASTM C 494 mix design requirements, 517 lb/yd³ (307 kg/m³) cement content and similar (± 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 75.



PACKAGING

EUCON WR 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 package.

SPECIFICATIONS/COMPLIANCES

EUCON WR 75 meets or exceeds the requirements of:

- ASTM C 494, Type A & D
- AASHTO M 194.

DIRECTIONS FOR USE

EUCON WR 75 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 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 WR 75 above freezing.
- For additional information on EUCON WR 75, its usage on typical mix designs, contact The Euclid Chemical Company.
- Add to mix independent of other admixtures.
- In all cases, consult the Safety Data Sheet before use.

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