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 contains no added chlorides or chemicals known to promote the corrosion of steel.

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
- Extended setting characteristics
- Reduces segregation

Hardened Concrete
- Reduces cracking
- Reduces permeability
- Increases strength at all ages

TECHNICAL INFORMATION

Performance Data
The following test results were achieved using typical ASTM C 494 mix design requirements, 517 lb/yard³ (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.

- Eucon WR 75 Compressive Strength Data (psi)
  - 3 Day: 2500 psi
  - 7 Day: 3410 psi
  - 28 Day: 4550 psi
  - Reference: 3240 psi

- Eucon WR 75 Set Time Results (hr:min)
  - 0:00
  - 1:12
  - 2:24
  - 3:36
  - 4:48
  - 6:00
  - 7:12
  - Reference: 4:30

EUCON WR 75 Master Format #:
- 03 30 00
- 03 40 00
- 03 70 00

EUCLID CHEMICAL
WATER REDUCERS

EUCON WR 75

Performance Data

Eucon WR 75 Compressive Strength Data (psi)

Eucon WR 75 Set Time Results (hr:min)
**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, B & 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 has been tested per ASTM C494 at a Type A dosage of 2 fl oz/cwt (130mL/100 kg) of cementitious materials and at 5 fl oz/cwt (325 mL/100 kg) of cementious materials for Type B and D requirements.

EUCON WR 75 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.

**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.