

RETARDERS

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

EUCON™ LR

WATER REDUCING AND SET RETARDING ADMIXTURE



EUCLID CHEMICAL

PRODUCT INFORMATION

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 LR is a water reducing and set retarding admixture for concrete. This versatile admixture will help produce predictable concrete and provide the right amount of retardation when it is required. EUCON LR shows improved finishing characteristics when compared to untreated concrete. EUCON LR contains no added chlorides or chemicals known to promote the corrosion of steel.

PRODUCT CHARACTERISTICS

FEATURES & BENEFITS

Plastic Concrete

- Improves finishability
- Improves workability
- Reduces water requirement
- Extends setting times

Hardened Concrete

- Increases compressive strength
- Reduces permeability
- Improves finished appearance
- Reduces shrinkage
- Increases durability
- Non staining

PRIMARY APPLICATIONS

- Flatwork concrete
- Architectural concrete
- General purpose ready mixed concrete
- Mass concrete
- Bridge decks
- Hot weather concreting

PRECAUTIONS/LIMITATIONS

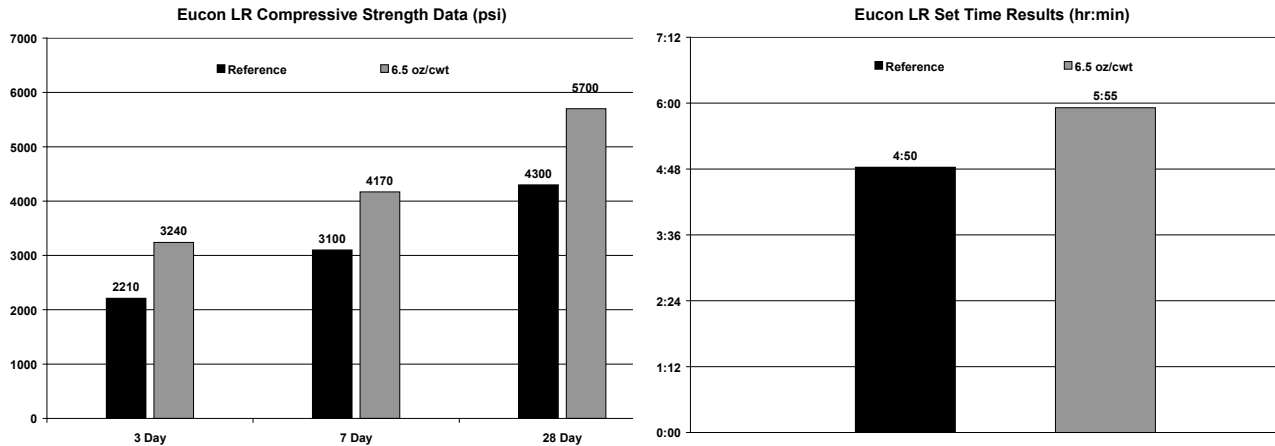
- Care should be taken to maintain EUCON LR above freezing; however, freezing and subsequent thawing will not harm the material if thoroughly agitated.
- Add to mix independent of other admixtures.
- In all cases, consult the Safety Data Sheet before use.

TECHNICAL INFORMATION

PERFORMANCE DATA

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



DIRECTIONS FOR USE

EUCON LR is normally used at dosages of 3 - 10 oz/100lbs (200 - 650 ml/100 kg) of cementitious material, depending on the application. Higher dosages are acceptable with prior testing and confirmation of the desired performance with specific materials being used.

EUCON LR 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.

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