

WATER REDUCERS

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

EUCON™ LW

WATER REDUCING 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

AASHTO M194

DESCRIPTION

EUCON LW is a water reducing, normal set admixture made from an aqueous solution of refined lignosulfonate, polymer and other water reducing and plasticizing chemicals. EUCON LW provides a more plastic, cohesive mix in fresh concrete and better durability, reduced shrinkage and less permeability in the hardened concrete. EUCON LW contains no added chlorides or chemicals known to promote the corrosion of steel.

PRODUCT CHARACTERISTICS

FEATURES & BENEFITS

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

PRIMARY APPLICATIONS

- Ready mixed concrete
- Prestressed concrete
- Precast concrete
- Lightweight concrete

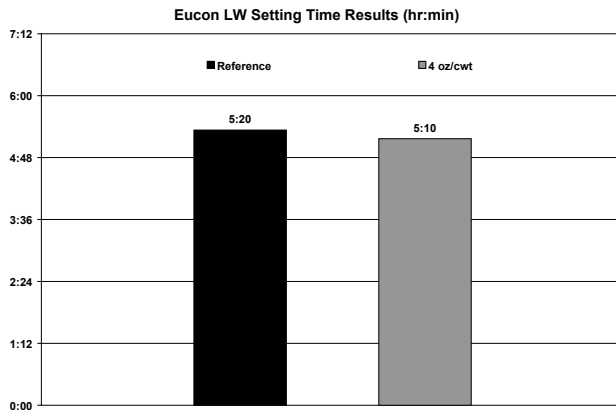
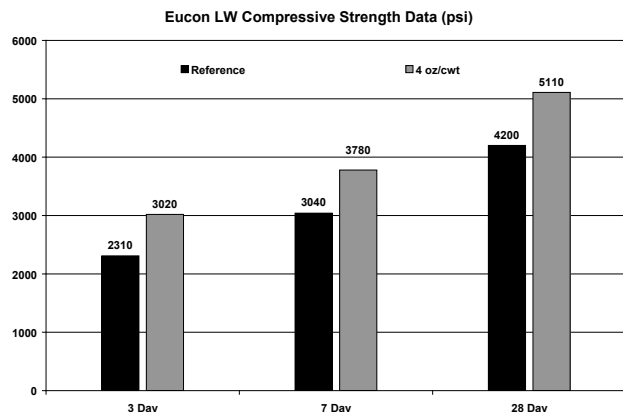
PRECAUTIONS/LIMITATIONS

- Care should be taken to maintain EUCON LW 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.



DIRECTIONS FOR USE

EUCON LW is typically used at dosages of 3-10 oz/100 lbs (200-650 mL/100 kg) of cementitious material. Higher dosages are acceptable with prior testing and confirmation of the desired performance with specific materials being used. 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 Chemical sales representative.

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