



EUCON LW

WATER REDUCING ADMIXTURE

DESCRIPTION

EUCON LW is an aqueous solution of refined lignosulfonate, polymer and other water reducing and plasticizing chemicals. EUCON LW has no added chlorides and will not promote the corrosion of steel. EUCON LW is a water-reducing, normal-set admixture for concrete which provides a more plastic, cohesive mix in fresh concrete and better durability, reduced shrinkage and less permeability in the hardened concrete.

PRIMARY APPLICATIONS

- Ready mixed concrete
- Prestressed concrete
- Precast concrete
- General purpose concrete
- Lightweight concrete

FEATURES/BENEFITS

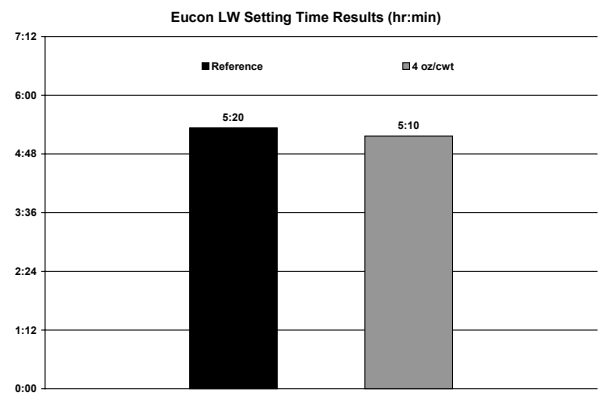
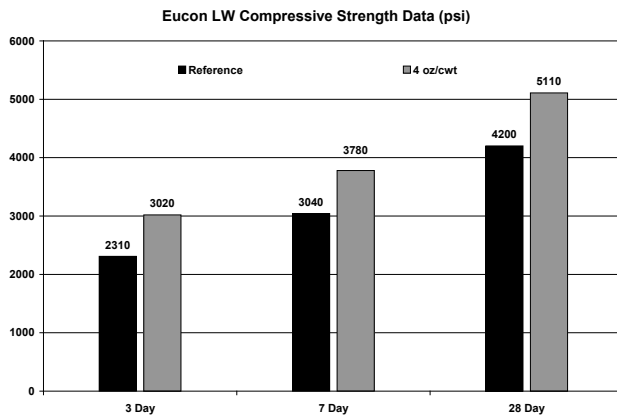
- Provides easier handling and finishing
- Increases strength
- Provides increased durability
- Reduces shrinkage and permeability

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 LW.



PACKAGING

EUCON LW 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 LW meets or exceeds the requirements of:

- ASTM C 494, Type A
- AASHTO M 194

DIRECTIONS FOR USE

EUCON LW is typically used at dosages of 3 to 10 oz per 100 lbs (200 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 LW should be added to the initial batch water, if possible. It should not come in contact with dry cement or other admixtures until they are mixed with the concrete batch.

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.

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