EU CON LW
WATER REDUCING ADMIXTURE

DESCRIPTION

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

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 EU CON LW.

Eucon LW Compressive Strength Data (psi)

Eucon LW Setting Time Results (hr:min)
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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.

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 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.