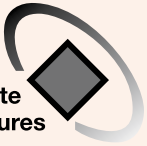


EUCON LW

WATER REDUCING ADMIXTURE

Euclid
Concrete
Admixtures



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

Typical Engineering Data Initial Setting Rate @75°F(24°C)

<u>Mix</u>	<u>Cement</u>	<u>Time</u>
Reference	517 lb (306 kg)	3:28
EUCON LW	517 lb (306 kg)	3:44

Compressive Strength compared to reference mix

<u>Age</u>	<u>EUCON LW</u>
3 days	117%
7 days	115%
28 days	113%
6 months	124%
1 year	117%

Flexural Strength

<u>Age</u>	<u>EUCON LW</u>
3 days	115%
7 days	107%

Relative Durability Factor - 95.5%

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

EUCON LW
Water Reducer

Master Format #: 03 3000

Revised: 3.07



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An **RPM** Company



DIRECTIONS FOR USE

EUCON LW is dispensed into any part of the concrete material, except cement and preferably into the water at the usual rate of 3 to 10 oz/100 lb (196 to 652 ml/100 kg) of cement. EUCON LW may be used in multiple dose rates for increased performance but setting characteristics will retard. EUCON LW will freeze at 29°F (-2°C) but will return to its original state after thawing and thorough mixing. EUCON LW is compatible with other admixtures, i.e. calcium chloride and air entraining agents; however, each admixture should be added to the mix separately.

When using EUCON LW with an air entraining agent, the dosage rate of the air entraining agent may need to be reduced.

EUCON LW is dispensed with automatic equipment, thus insuring uniformity of admixture use for everyday concreting needs.

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 Material Safety Data Sheet before use.

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