

WATER REDUCERS

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

EUCON™ SE

WATER REDUCING, 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 SE is a synthetically produced liquid water reducing and set retarding admixture. It is uniquely formulated with Strength Enhancing admixture technology to promote improved early and late age strengths and have a neutral effect on air content when compared to standard water reducing technology. This admixture has been scientifically refined and specifically engineered to provide synergistic properties when combined with the polycarboxylate based PLASTOL line of Euclid Chemical admixtures. EUCON SE contains no added chlorides or chemicals known to promote the corrosion of steel.

PRODUCT CHARACTERISTICS

FEATURES & BENEFITS

- Improves finishability
- Improves workability
- Reduces segregation
- Setting time control
- Increases durability
- Reduces water requirement
- Increases strength
- Reduces permeability
- Improves finished appearance
- Reduces cracking
- Synergy with polycarboxylate admixtures

PRIMARY APPLICATIONS

- Flatwork Concrete
- Ready mixed concrete
- Architectural concrete
- Hot weather concrete

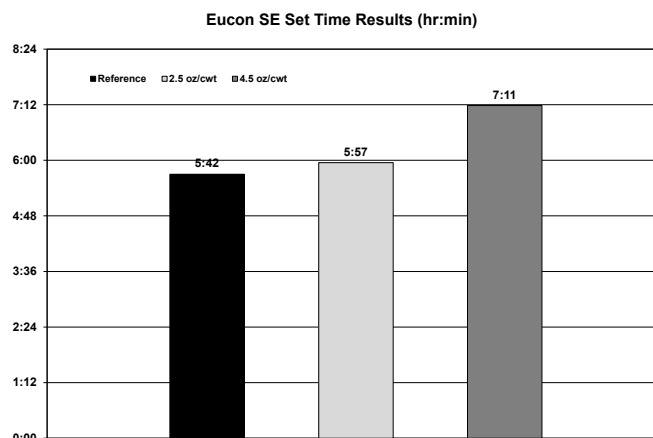
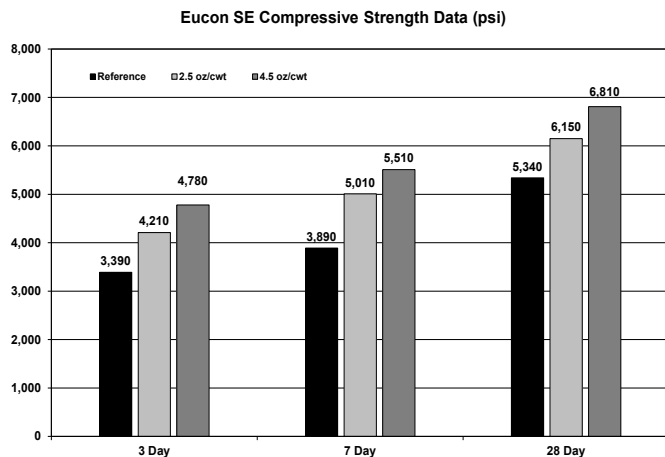
PRECAUTIONS/LIMITATIONS

- Care should be taken to maintain EUCON SE above freezing; however, freezing and subsequent thawing will not harm the material if thoroughly agitated. Do not agitate with air or an air lance.
- 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, 500 lb/yd³ (297 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 SE is typically used at dosages of 2-6 oz/100 lbs (130 - 390 mL/100 kg) of cementitious material. Higher dosages are acceptable with prior testing and confirmation of the desired performance with specific materials being used.

EUCON SE has been tested per ASTM C494 at a Type A dosage of 2.5 oz/100 lbs (160mL/100 kg) of cementitious materials and Type B and D dosage of 4.5 oz/100 lbs (300mL/100 kg) of cementitious materials.

EUCON SE 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.

Rev. 03.21

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