



EUCON SE

WATER REDUCING, SET RETARDING ADMIXTURE

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.

PRIMARY APPLICATIONS

- Flatwork Concrete
- Concrete requiring water reduction and set time control
- Architectural concrete
- Hot weather concrete placement

FEATURES/BENEFITS

Plastic Concrete

- Improves finishability
- Improves workability
- Reduces water requirements
- Reduces segregation

Hardened Concrete

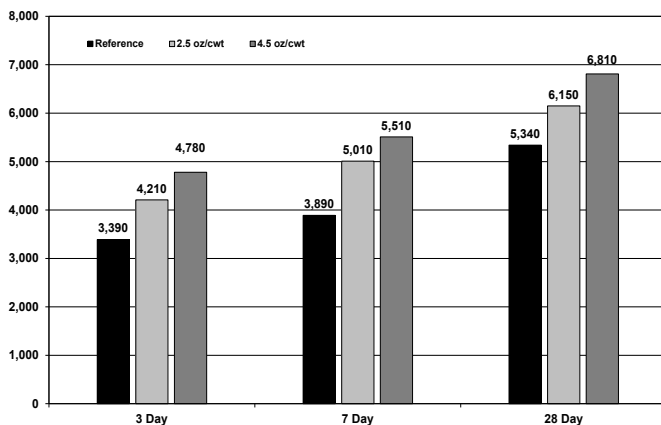
- Increases strengths
- Improves finished appearance
- Reduces cracking
- Reduces permeability
- Non staining

TECHNICAL INFORMATION

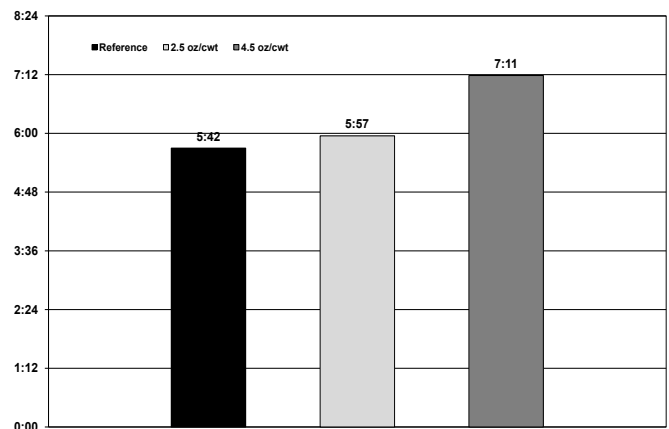
Performance Data

The following test results were achieved using typical mix design requirements of 500 lb/yd³ (297 kg/m³) cement content and similar (± 0.5)% air content. These results were obtained under laboratory conditions with materials meeting ASTM C 494. Changes in materials and mix designs can affect the dosage response of EUCON SE.

Eucon SE Compressive Strength Data (psi)



Eucon SE Set Time Results (hr:min)



PACKAGING

EUCON SE 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

- Fully complies with ASTM C494 Type A, B and D
- Fully complies with AASHTO M194

DIRECTIONS FOR USE

EUCON SE is typically used at dosages of 2 to 6 oz per 100 lbs (130 to 390 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 SE has been tested per ASTM C494 at a Type A dosage of 2.5 fl oz/cwt (160mL/100 kg) of cementitious materials and Type B and D dosage of 4.5 fl oz/cwt (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.

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.
- Add to mix independent of other admixtures.
- In all cases, consult the Safety Data Sheet before use.

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