

RETARDERS

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



EUCON™ RETARDER 75

WATER REDUCING AND SET CONTROLLING 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, Types B & D

AASHTO M194

ANSI / NSF STD 61

DESCRIPTION

EUCON RETARDER 75 is a synthetically produced liquid water reducing and set retarding admixture for concrete. It will improve the plastic and hardened properties when added to a concrete mix. EUCON RETARDER 75 contains no added chlorides or chemicals known to promote the corrosion of steel.

PRODUCT CHARACTERISTICS

FEATURES & BENEFITS

Plastic Concrete

- Retards setting characteristics
- Improves finishability
- Improves workability
- Reduces water requirements
- Reduces segregation

Hardened Concrete

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

PRIMARY APPLICATIONS

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

PRECAUTIONS/LIMITATIONS

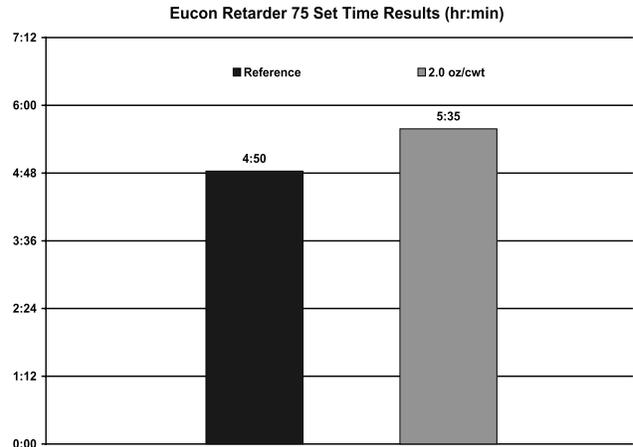
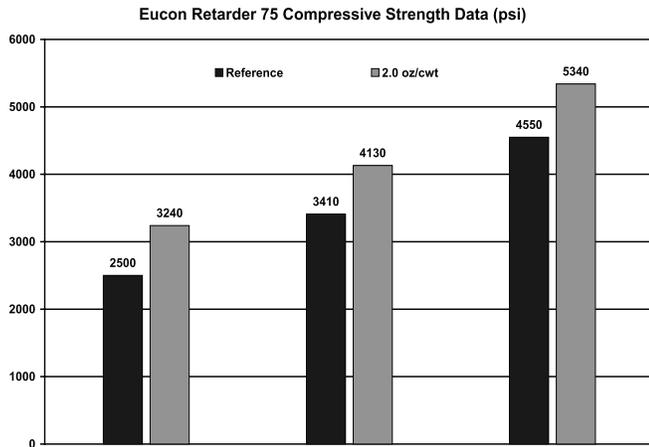
- Care should be taken to maintain EUCON RETARDER 75 above freezing; however, freezing and subsequent thawing will not harm the material if thoroughly agitated.
- Add to mix independent of other admixtures.
- In all cases, consult the Safety Data Sheet before use.

TECHNICAL INFORMATION

PERFORMANCE DATA

The following test results were achieved using typical ASTM C494 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 C494. Changes in materials and mix designs can affect the dosage response of EUCON RETARDER 75.



DIRECTIONS FOR USE

EUCON RETARDER 75 is normally used at dosages of 2 - 5 oz/100lbs (130 - 330 ml/100kg) of cementitious material. Depending on the application, higher dosages are acceptable with prior testing and confirmation of the desired performance with specific materials being used.

EUCON RETARDER 75 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.

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