

WATER REDUCERS

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

EUCON™ NW

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

PRODUCT CHARACTERISTICS

FEATURES & BENEFITS

- Improves finishability and workability
- Reduces segregation
- Improves setting times
- Increases durability
- Increases strength
- Reduces permeability
- Improves finished appearance
- Reduces cracking

PRIMARY APPLICATIONS

- Flatwork concrete
- Ready mix concrete
- Lightweight concrete
- Hot weather concrete
- Precast / Prestressed concrete

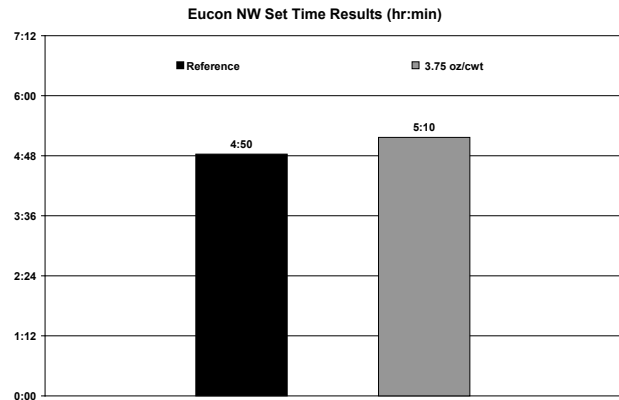
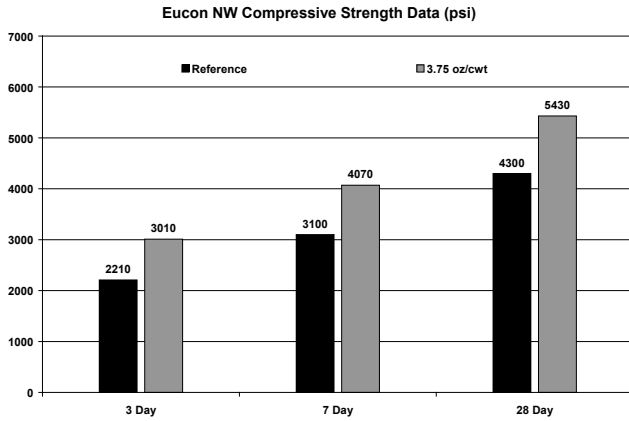
PRECAUTIONS/LIMITATIONS

- Care should be taken to maintain EUCON NW 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, 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.



DIRECTIONS FOR USE

EUCON NW 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 NW has been tested per ASTM C494 at a Type A dosage of 3.5 oz/100 lbs (230mL/100 kg) of cementitious materials and at 6 oz/100 lbs (390 mL/100 kg) of cementitious materials for Type B and D requirements.

EUCON NW 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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