



EUCON NW

Water Reducing Admixture

Description

EUCON NW is a concentrated solution of refined lignosulfonate, polymer and other water reducing and plasticizing chemicals. EUCON NW has no added chlorides and will not promote the corrosion of steel. EUCON NW is a water-reducing, normal-set admixture for concrete which provides a more plastic and 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
- Lightweight concrete
- Expansive concrete
- General purpose concrete

Features/Benefits

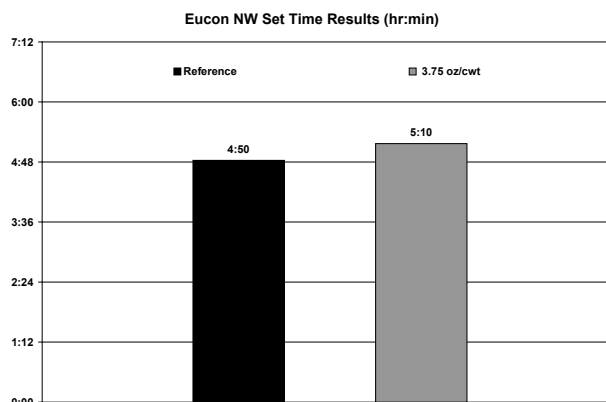
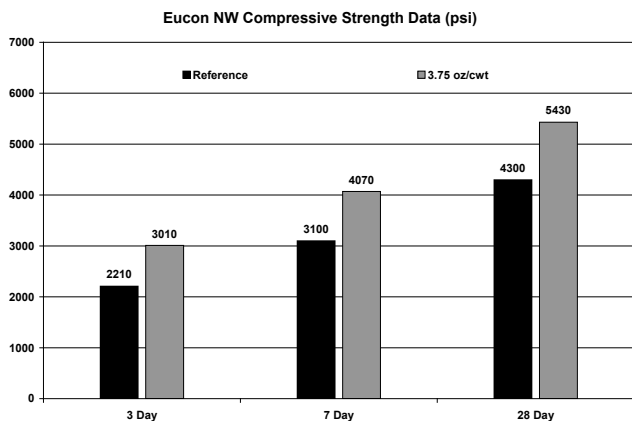
- Provides easier handling and finishing
- Increases strength
- Provides increased durability
- Reduces shrinkage and permeability

Technical Information

Performance Data

The following test results were achieved using typical ASTM C 494 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 C 494. Changes in materials and mix designs can affect the dosage response of EUCON NW.



Packaging

EUCON NW 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 NW meets or exceeds the requirements of:

- ASTM C 494, Type A & D
- AASHTO M 194

Directions for Use

EUCON NW 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 NW should be added to the initial batch water of the concrete mixture. Do not dispense onto dry cement.

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

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