



EUCON X20

MID-RANGE WATER REDUCING ADMIXTURE

EUCLID CHEMICAL

MID-RANGE WATER REDUCERS

DESCRIPTION

EUCON X20 is a unique, mid-range water-reducing and plasticizing admixture manufactured with state of the art chemistries which provides exceptional slump retention without excessive retardation in very warm temperatures. EUCON X20 shows improved finishing characteristics when compared to other commonly used Type A or Type F water reducing admixtures. EUCON X20 contains no added chlorides and will not promote corrosion of steel.

PRIMARY APPLICATIONS

- Flatwork concrete
- Architectural concrete
- General purpose ready mixed concrete
- Hot weather concreting

FEATURES/BENEFITS

Plastic Concrete

- Improves finishability
- Improves workability
- Reduces water requirement
- Exceptional slump retention in hot weather

Hardened Concrete

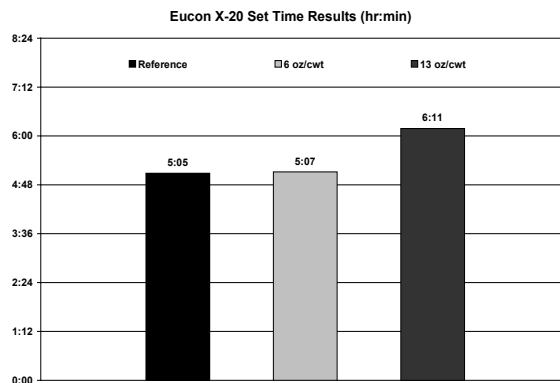
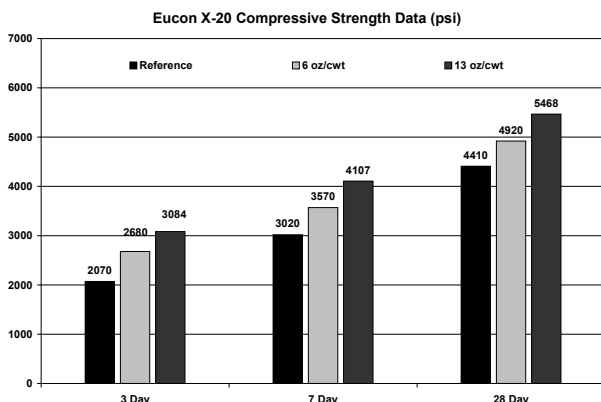
- Increases all strength
- Reduces permeability
- Improves finished appearance
- Reduces shrinkage
- Increases durability
- Non-staining

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 ($\pm 0.5\%$) 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 X20.



EUCON X20

MASTER FORMAT #:
03 30 00 03 40 00
03 70 00

PACKAGING

EUCON X20 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 container.

SPECIFICATIONS/COMPLIANCES

EUCON X20 meets or exceeds the requirements of:

- ASTM C 494, Type A and Type F
- AASHTO M 194

DIRECTIONS FOR USE

EUCON X20 is typically used at dosages of 3 to 15 oz per 100 lbs (200 to 980 mL per 100 kg) of cementitious material. Dosage recommendations depend on the characteristics of the materials being used in the mix design. Higher dosages are acceptable with prior testing and confirmation of the desired performance with specific materials being used.

EUCON X20 should be added to the initial batch water when possible. It should not come in contact with dry cement or other admixtures until they are mixed with the concrete batch.

Field testing is strongly recommended to optimize dose range and performance expectations with local materials.

EUCON X20 is compatible with Euclid Chemical admixtures.

PRECAUTIONS/LIMITATIONS

- Care should be taken to maintain EUCON X20 above freezing; however, freezing and subsequent thawing will not harm the material if thoroughly agitated. Never agitate with air or an air lance.
- Add to mix independent of other admixtures.
- In all cases, consult the Safety Data Sheet before use.

Rev. 11.14

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