



EUCON™ MRX

MID RANGE 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 & F

AASHTO M194

DESCRIPTION

Eucon MRX is a specially formulated mid-range water reducing and plasticizing admixture formulated using advanced dispersant technologies, specifically engineered for a wide range of dosage rates without causing excessive retardation. Eucon MRX shows improved finishing characteristics when compared to other commonly used Type A and F water reducing admixtures. Eucon MRX can be used to reduce the total cement content and in combination with supplementary cementitious materials (SCMs). EUCON MRX contains no added chlorides or chemicals known to promote the corrosion of steel and is compatible with other Euclid Chemical admixtures.

PRODUCT CHARACTERISTICS

FEATURES & BENEFITS

- Improves workability / finishability
- Reduces water requirement
- Increases strength
- Reduces permeability
- Improves finished appearance
- Reduces shrinkage
- Increases durability
- Neutral effects on setting time

PRIMARY APPLICATIONS

- Flatwork concrete
- Architectural concrete
- Ready mixed concrete
- Hot weather concreting
- Concrete containing fly ash and other pozzolans

PRECAUTIONS/LIMITATIONS

- Care should be taken to maintain EUCON MRX 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

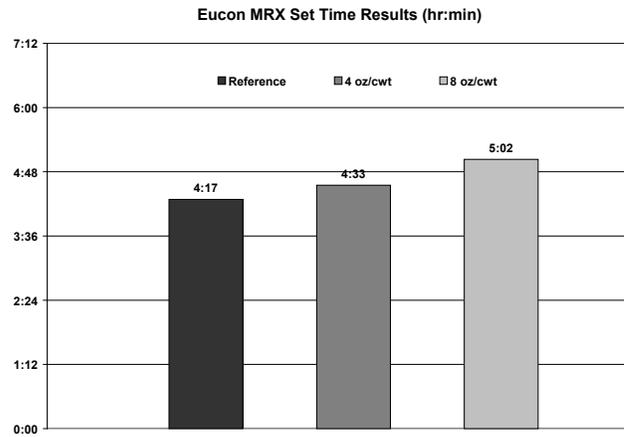
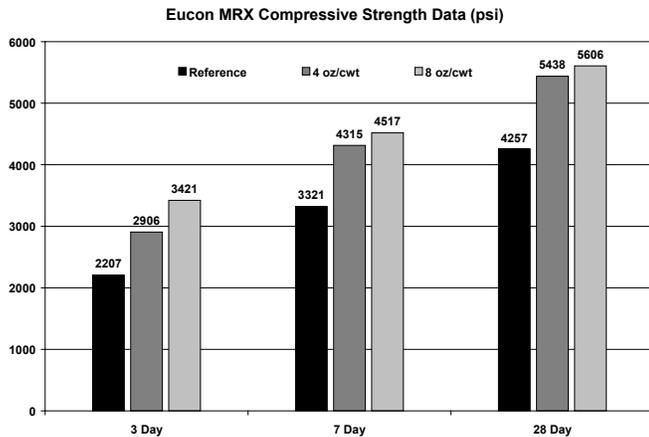
PERFORMANCE DATA

The following results were developed under laboratory conditions:

MIX DESIGN

Cement I / II	600 lbs/yd ³ (272 kg/m ³)
Stone	1800 lbs/yd ³ (1067 kg/m ³)
Sand	1414 lbs/yd ³ (839 kg/m ³)
W/C	0.49

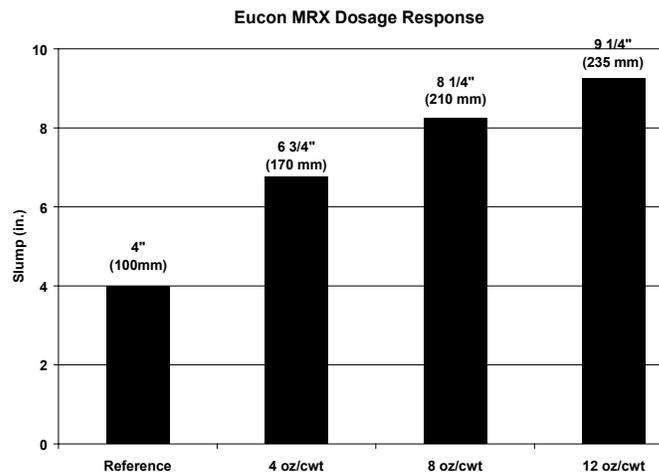
Changes in materials and mix designs can affect the dosage response.



DIRECTIONS FOR USE

Eucon MRX can be added to the initial batch water or directly on the freshly batched concrete and mixed for approximately 5 minutes or 70 revolutions. However, better results have been observed batching directly on the freshly batched concrete. It should not come into contact with dry cement or other admixtures until mixed thoroughly with the concrete. The recommended dosage rate for Eucon MRX is 3-12 oz/100 lbs (195-782 mL/100 kg) of total cementitious materials.

Eucon MRX will typically achieve ASTM C494 Type A performance at 3-5 oz/100 lbs (200-325 mL/100 kg) of cementitious material, 5-7 oz/100 lbs (326-522 mL/100 kg) of cementitious material for mid range performance and 7-12 oz/100 lbs (522-782 mL/100 kg) of cementitious material for high range performance.



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