



THE EUCLID CHEMICAL COMPANY

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EUCON MRC

MID-RANGE WATER REDUCING ADMIXTURE

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EUCON MRC is a liquid admixture designed to accelerate the setting time of concrete, particularly fly ash concrete. EUCON MRC achieves MID RANGE water reduction increasing high early and ultimate compressive strengths without excessive retardation. EUCON MRC contains calcium chloride and is compatible with air entraining agents.

PRIMARY APPLICATIONS

- General purpose ready mixed concrete
- Concrete containing fly ash
- Architectural concrete

FEATURES/BENEFITS

Plastic Concrete

- Reduces bleed water
- Reduces segregation
- Reduces water requirements
- Improves workability.

Hardened Concrete

- Increases strengths at all ages
- Improves finished appearance
- Reduces cracking
- Reduces permeability
- Non staining

SPECIFICATIONS/COMPLIANCES

EUCON MRC is formulated to meet the requirements of ASTM C-494, Type A and AASHTO M-194.

PACKAGING

EUCON MRC is packaged in bulk, 275 gal (1041 liter) totes, 55 gal (208 liter) drums and 5 gal (18.9 liter) pails.

Dosage Rates

EUCON MRC is normally used at dosages of 5 to 15 fluid oz per 100 lb (326-978 ml/100 kg) cement. Dosage recommendations depend on the characteristics of the materials being used.

TECHNICAL INFORMATION

Typical Engineering Data

Initial Setting Rate @ 75°F (24°C)

Mix	Cement lbs/yd ³ (kg/m ³)	% Water Reduction	Time
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Reference	517 (306)	---	4:33
EUCON MRC	517 (306)	5.1%	4:33
EUCON MRC	517 (306)	10 %	5:31

Note: Setting time will vary with dosage rate, mix design and ambient temperatures.

Mix	Cement (lbs (kg) (kg/m ³)	Slump in (mm)	Psi (days)	% Reference
Reference	517 (306)	3.5 (89)	(1) 1129 (7) 3873 (28) 5257	100% 100% 100%
EUCON MRC (10 oz/ cwt)	517(306)	2.5 (64)	(1) 1834 (7) 4508 (28) 6012	149% 116% 114%

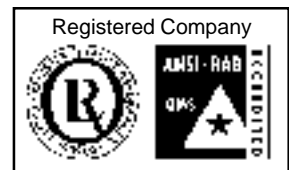
Shelf Life: 2 years in original, unopened package.

DIRECTIONS FOR USE

EUCON MRC should be added to the sand or water. It should not come in contact with dry cement or other admixtures until they are mixed in the concrete batch. EUCON MRC is dispensed with automatic equipment, thus insuring uniformity of admixture dosage throughout the job.

PRECAUTIONS/LIMITATIONS

- Care should be taken to maintain EUCON MRC above freezing.
- For additional information on EUCON MRC, its usage on typical mix designs, contact The Euclid Chemical Company.
- Add to mix independent of other admixtures.



Form Eucon MRC 9:01

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