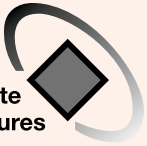


EUCON X15

MID-RANGE WATER REDUCING ADMIXTURE

Euclid
Concrete
Admixtures



DESCRIPTION

EUCON X15 is a mid-range water-reducing and plasticizing admixture for concrete. EUCON X15 shows improved finishing characteristics when compared to other commonly used Type A (typically 5 to 6% water reduction) or Type F (typically 12 to 15% water reduction) admixtures. This mid-range approach to water reducing admixtures allows for a wide range of usable dosage rates for a broad application spectrum. EUCON X15 as produced, should be used as received and does not contain calcium chloride.

PRIMARY APPLICATIONS

- Flatwork concrete
- Architectural concrete
- General purpose ready mixed concrete
- Concrete containing fly ash and other pozzolans

FEATURES/BENEFITS

Plastic Concrete

- Produces concrete with lower water:cement ratio allowing for increased strength
- Increased concrete strength lowers the potential for cracks
- Lower water:cement ratio allows for lower cement content, saving the producer money
- Increases concrete workability allowing for easier concrete placement
- Produces concrete that is easier to finish which lowers labor costs

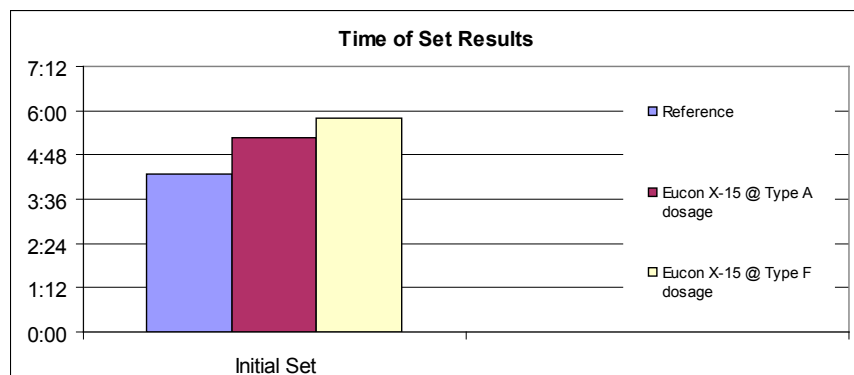
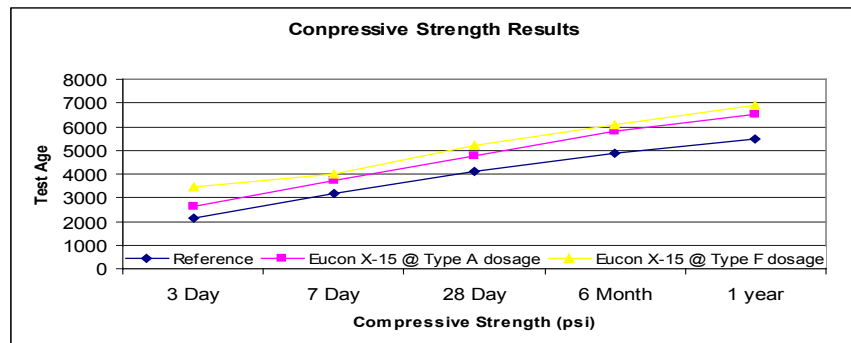
TECHNICAL INFORMATION

Typical Engineering Data

The following test results were achieved using typical ASTM C 494 mix design requirements, 517 lb/yd³ cement content and similar (± 0.5)% air content.

Actual test results of mixtures conforming to the specifications of ASTM C 494 as a Type A and Type F admixture.

Changes in materials and mix designs can affect the dosage response of Eucon X15.



Mid-Range Water Reducing Admixture
EUCON X15

Master Format #: 03 3000

Revised: 5.08



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An **RPM** Company



PACKAGING

EUCON X15 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 X15 meets or exceeds the requirements of:

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

DIRECTIONS FOR USE

EUCON X15 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. EUCON X15 is dispensed with automatic equipment, thus insuring uniformity of admixture use throughout the concrete. Dosage recommendations depend on the characteristics of the materials being used in the mix design. Field testing is strongly recommended to optimize dose range and performance expectations with local materials. EUCON X15 is compatible with Euclid Chemical accelerators, retarders, air entraining agents, high range water reducers and corrosion inhibiting admixtures.

ASTM C 494 Type A: EUCON X15 will achieve ASTM C 494 Type A performance typically at dosages of 4 to 7 fl oz (260 to 456 mL per 100 kg) per 100 lbs of cement.

Mid-range: For mid-range performance, EUCON X15 is usually used at the rate of 7 to 10 fl oz (456 to 652 mL per 100 kg) per 100 lbs of cement.

ASTM C 494 Type F: EUCON X15 can be used at the rate of approximately 10 to 15 fl oz (652 to 978 mL per 100 kg) per 100 lbs of cement for high range admixture performance.

PRECAUTIONS/LIMITATIONS

- Care should be taken to maintain EUCON X15 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 Material Safety Data Sheet before use.

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