

AIR ENTRAINERS

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EUCON™ AEA-92

AIR ENTRAINING AGENT FOR CONCRETE



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

2 years in original, unopened container

SPECIFICATIONS/COMPLIANCES

Corps of Engineers CRD C-13

ASTM C260

AASHTO M154

ANSI / NSF STD 61

DESCRIPTION

EUCON AEA-92 is formulated for use as an air entraining admixture for concrete of all types and is manufactured under rigid control which assures uniform and precise performance. EUCON AEA-92 is compatible with concrete mixes containing accelerators, water reducing admixtures, retarding admixtures, or high range water reducers and should be added to the mix independently and not with other admixtures. EUCON AEA-92 contains no added chlorides or chemicals known to promote the corrosion of steel.

PRODUCT CHARACTERISTICS

FEATURES & BENEFITS

- Provides a stable air void system with proper bubble size and spacing
- Air void system protects against damage caused by freeze / thaw cycles
- Concrete is resistant to de-icing salts, sulfate attack and corrosive water
- Less mixing water can be used per yard (meter) of concrete
- Improved placeability
- Improved workability
- Minimizes bleeding and segregation of the concrete

PRIMARY APPLICATIONS

- Ready mix concrete
- Structural concrete
- Mass concrete
- Paving concrete
- All exterior concrete

PRECAUTIONS/LIMITATIONS

- Care should be taken to maintain EUCON AEA-92 above freezing; however, freezing and subsequent thawing will not harm the material if thoroughly agitated. Do not agitate with air.
- Consult your local Euclid Chemical representative for the proper dosage rate adjustments when using fly ash, slag or high range water reducers.
- Add to mix independent of other admixtures.
- In all cases, consult the Safety Data Sheet before use.

DIRECTIONS FOR USE

EUCON AEA-92 is typically dosed at a rate of 0.1 - 4 oz/100lbs (6 - 260 mL/100kg) of total cementitious material to entrain 3% - 6% air content. The amount of EUCON AEA-92 will vary depending on type of cement, fineness of sand, temperature, design of the mix, other admixtures, etc. Concrete mixes must be tested regularly to confirm that proper air content is achieved. EUCON AEA 92 should be added directly to the sand to achieve maximum performance.

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