

AIR ENTRAINERS

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EUCON™ AIR MAC12

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

ASTM C260

AASHTO M154

ANSI / NSF STD 61

DESCRIPTION

EUCON AIR MAC12 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 AIR MAC12 adds microscopic air bubbles in concrete and is acceptable to use in all types of concrete, including mixtures that have been difficult to entrain air. EUCON AIR MAC12 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
- Improved air void system protects concrete against damage caused by repetitive 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 AIR MAC12 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 AIR MAC12 typically is dosed at a rate of 0.1 - 4.0 oz/100lbs (6 - 260 mL/100kg) of total cementitious material. The amount of EUCON AIR MAC12, to achieve a desired air content, will vary depending on type of cement, fineness of sand, ambient air and concrete temperature, design of the mix, other admixtures, type of mixing equipment, etc. Concrete mixes must be tested regularly to confirm that proper air content is achieved. EUCON AIR MAC12 should be added with the initial batch water or directly to the sand to achieve maximum efficiency.

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