



EUCON AEA

AIR ENTRAINING AGENT FOR CONCRETE

DESCRIPTION

EUCON AEA 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. It should be added to the mix independently and not with other admixtures.

PRIMARY APPLICATIONS

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

FEATURES/BENEFITS

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

TECHNICAL INFORMATION

EUCON AEA is an aqueous solution compound of synthetic organic chemicals. It is compatible with concrete mixes containing calcium chloride, water reducing admixtures, retarding admixtures, or high range water reducers.

Compatible with all cement types like OPC, OPC+Fly ash, PSC etc.,

PACKAGING

EUCON AEA is packaged in bulk, 200 kgs drums .

SHELF LIFE

1 year in original, unopened package.

SPECIFICATIONS/COMPLIANCES

EUCON AEA meets or exceeds the requirements of the following specifications:

Confirms the requirements of

- IS 9103/2007
- ASTM Specification C 260
- AASHTO Specification M 154

DIRECTIONS FOR USE

- EUCON AEA is typically dosed at a rate of 50 to 300 ml/ 50 kg of cement to entrain 3% - 6% air content.
- The amount of EUCON AEA 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 should be added directly to the sand to achieve maximum performance.

PRECAUTIONS/LIMITATIONS

- Consult your local Euclid Chemical representative for the proper dosage rate adjustments when using fly ash, slag or high range water reducers.
- Add to the mix independent of other admixtures.
- In all cases, refer the Safety Data Sheet before use.