



EUCON DURA-PLUS

POWDERED AIR ENTRAINING AGENT

DESCRIPTION

EUCON DURA-PLUS is a powdered air entraining admixture for concrete and cementitious materials. EUCON DURA-PLUS will improve the freeze/thaw durability of concrete and cementitious materials and is compatible with cementitious materials containing other admixtures.

PRIMARY APPLICATIONS

- Ready mix concrete
- Structural concrete
- Mass concrete construction
- Exterior concrete
- Underground construction
- Architectural concrete
- Paving 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
- Improved resistance to de-icing salts and sulfate attack
- Less mixing water can be used per yard (meter) of concrete and placeability is improved
- Decreases bleeding and segregation

PACKAGING

EUCON DURA-PLUS is packaged in 3.5 gal pails containing (25) - 0.5 lb (0.2 kg) dissolvable bags.

SHELF LIFE

1 years in original, unopened package.

DIRECTIONS FOR USE

EUCON DURA-PLUS is typically dosed at a rate of 1 bag per 9 cubic yards of concrete or 517 lb of cementitious material. The amount of EUCON DURA-PLUS required to achieve 5-6% air content is also dependant on the 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 DURA-PLUS is compatible with most admixtures including air-entraining agents, accelerators, most water-reducers, retarders, shrinkage reducers, corrosion inhibitors, viscosity modifiers, and microsilica; however, each material should be added to the concrete separately.

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 mix independent of other admixtures.
- In all cases, consult the Safety Data Sheet before use.

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