# EUCON DURA-PLUS

**Powdered Air Entraining Agent**

## Description

**EUCON DURA-PLUS** is a powdered air entraining admixture for concrete. EUCON DURA-PLUS will improve the freeze/thaw durability of concrete and is compatible with cementitious materials containing other admixtures. EUCON DURA-PLUS contains no added chlorides or chemicals known to promote the corrosion of steel.

## 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) plastic 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 at 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.

Each 0.5 lb (0.2 kg) package is single bagged. Open the bag and add the entire contents to the plastic/wet concrete.

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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