



EUCON AIR-DOWN

AIR DETRAINER AND CONCRETE DEFOAMER

DESCRIPTION

EUCON Air-Down is a dry powdered defoaming admixture designed for use in plastic/wet concrete or dry blended materials. It decreases foaming and minimizes air entrainment in cement slurries, grouts, concrete, and mortars. It is also used to counteract the air entrainment caused by some cements and superplasticizers. Eucon Air-Down is available in a patented water-soluble inner bag for convenient use at the plant of job site.

PRIMARY APPLICATIONS

- Ready Mix Concrete
- Precast Concrete
- Concrete Floors
- Heavy Weight Concrete
- Other concrete applications where the air content is needed to be adjusted by a few percent

FEATURES/BENEFITS

- Reduces the amount of rejected concrete
- Reduces the entrained air caused by some superplasticizers
- Recommended for the production of heavy weight concrete
- Increases the unit weight of concrete
- Allows for high-speed mixing of cement, fly ash, and other cementitious materials without foaming
- May increase compressive strength of concrete

TECHNICAL INFORMATION

Specific gravity.....	1.35
Bulk Density.....	25.2 lb/ft ³
Color.....	Tan Powder
Odor.....	Slight

PACKAGING

EUCON Air-Down is available in Cases of 24 dissolvable 500 g (1.1 lb) bags.

SHELF LIFE

3 years in original, unopened container

DIRECTIONS FOR USE

EUCON Air-Down for wet or dry mixes.

For Wet-Mix Concrete:

- 1- Determine the amount of Eucon Air-Down required. See Recommended Dosage Rate.
- 2- Each 1.1 lb (500g) package is double bagged. Remove the outer bag and add the entire inner water-soluble Eucon Air-Down bag and contents to the plastic/wet concrete. The entire inner bag will easily dissolve.
- 3- Mix at high speed for about 5 minutes to insure that the Eucon Air-Down is uniformly dispersed throughout the mix.
- 4- Concrete containing Eucon Air-Down may be redosed to achieve the desired level of air entrainment.

For Dry Mixes:

- 1- Determine the amount of Eucon Air-Down required. See Recommended Dosage Rate.
- 2- Blend thoroughly as a dry powder into dry mixes.

RECOMMENDED DOSAGE RATE

Wet-Mix Concrete: To reduce air content by 1 - 2%, use one bag of Eucon Air-Down for every 1 - 3 yards (1 - 2 cubic meters) of concrete. For best results, add Eucon Air-Down at the beginning of the batching sequence. Testing is recommended to determine the best mix design for your specific materials.

Dry Mixes: Recommended Dosage is 0.1% to 0.5% by weight of cement for dry-blended materials. Since many factors may affect air content in concrete, testing with your specific materials is recommended to determine the optimum dosage rate.

Contact your local Euclid Chemical sales representative for additional technical assistance.

PRECAUTIONS/LIMITATIONS

- EUCON Air-Down is compatible with other Euclid Chemical Admixtures. All Admixtures should be added independently of other admixtures.
- If air-entrainer is accidentally overdosed the Eucon Air-Down may not be powerful enough to overcome very high levels of entrained air.
- In all cases, please consult the Safety Data Sheet before use.

Rev. 11.14

WARRANTY: The Euclid Chemical Company ("Euclid") solely and expressly warrants that its products shall be free from defects in materials and workmanship for one (1) year from the date of purchase. Unless authorized in writing by an officer of Euclid, no other representations or statements made by Euclid or its representatives, in writing or orally, shall alter this warranty. EUCLID MAKES NO WARRANTIES, IMPLIED OR OTHERWISE, AS TO THE MERCHANTABILITY OR FITNESS FOR ORDINARY OR PARTICULAR PURPOSES OF ITS PRODUCTS AND EXCLUDES THE SAME. If any Euclid product fails to conform with this warranty, Euclid will replace the product at no cost to Buyer. Replacement of any product shall be the sole and exclusive remedy available and buyer shall have no claim for incidental or consequential damages. Any warranty claim must be made within one (1) year from the date of the claimed breach. Euclid does not authorize anyone on its behalf to make any written or oral statements which in any way alter Euclid's installation information or instructions in its product literature or on its packaging labels. Any installation of Euclid products which fails to conform with such installation information or instructions shall void this warranty. Product demonstrations, if any, are done for illustrative purposes only and do not constitute a warranty or warranty alteration of any kind. Buyer shall be solely responsible for determining the suitability of Euclid's products for the Buyer's intended purposes.