



THE EUCLID CHEMICAL COMPANY

19218 REDWOOD ROAD • Cleveland, OH 44110
(216) 531-9222 • (800) 321-7628 • FAX (216) 531-9596
www.euclidchemical.com

AIR MIX

AIR ENTRAINING AGENT FOR CONCRETE

XENG.SPECS ◆CATALOG INDEX

◆MSDS ◆SECTION INDEX

XFRENCH ◆PRINT

XSPANISH ◆EXIT CATALOG

AIR MIX is an aqueous solution of highly purified vinsol resin. AIR MIX is specifically 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 is compatible with concrete mixes containing calcium chloride, water reducing admixtures or high range water reducing admixtures.

PRIMARY APPLICATIONS

- Ready mixed concrete
- Mass concrete construction
- Paving concrete
- Structural concrete
- Exterior concrete work exposed to freeze/thaw conditions

FEATURES/BENEFITS

- 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

SPECIFICATIONS/COMPLIANCES

AIR MIX meets or exceeds the requirements of the following specifications:

- Corps of Engineers Specification CRD-C-13
- ASTM Specification C-260
- AASHTO Specification M-154

DIRECTIONS FOR USE

1/2 to 1 oz of AIR MIX per 100 lb (30-60 ml of AIR MIX per 100 kg) of cement will generally entrain 3-6% air in concrete. This amount will vary depending on type of cement, fineness of sand, temperature, design of the mix, etc. Generally, 3/4 oz (45 ml/100 kg) will produce the desired air level in concrete made with sands having an FM from 2.65 - 2.75. Concrete mixes must be tested regularly to confirm that the proper air content is achieved.

Shelf life is 2 years in original, unopened package.

PACKAGING

AIR MIX is packaged in bulk, 275 gal (1041 liter) totes, 55 gal (208 liter) drums and 5 gal (18.9 liter) pails.

PRECAUTIONS/LIMITATIONS

- Consult your local Euclid Chemical representative for the proper dosage rate adjustments when using fly ash, slag or high range water reducers.
- If material has frozen, warm material to 70°F (21°C) and agitate for 6-8 hours.
- Add to mix independent of other admixtures.



Form Air Mix-6.01

WARRANTY: The Euclid Chemical Company ("Euclid") solely and expressly warrants that its products shall be free from defects in materials and workmanship for six (6) months 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.