



**ADMIXTURES  
FOR CONCRETE**

**Polychem AE** is a specially developed multi-component air entraining agent which produces an air-void system superior to that produced by vinsol resin based air entraining agents.

**Polychem AE** typically has lower dosage rates than vinsol resin based agents. Smaller, more well distributed bubbles are produced with excellent dispersion.

## **APPLICABLE STANDARDS**

**Polychem AE** meets or exceeds the requirements of ASTM C 260, CRD C 13, and AASHTO M 154.

## **ADVANTAGES**

- Superior air-void systems which are less affected by alkalis in concrete than vinsol resins
- Greater durability in freeze-thaw tests due to smaller bubble size
- Improved resistance to salt scaling
- Reduces “bug holes” due to better workability and produces a smoother finish
- Dosage rates are normally less than vinsol resin based agents
- Not as sensitive to variable carbon content of fly ash as are vinsol resins

## **DOSAGE RATES**

1/4 - 2 fl. oz. per 100 lbs. of cementitious material. Field tests will determine the proper dosage for each set of materials. (There may be certain mixtures which will

# **Polychem AE**

## **Air Entraining Admixture**

require substantially higher dosage rates.)

## **SUGGESTED SPECIFICATION**

All concrete shall contain **Polychem AE** conforming to ASTM C260 as manufactured by General Resource Technology. Dosage will vary, based on total cementitious, from 1/4 - 2 fl. oz. per cwt.

## **WARRANTY**

General Resource Technology warrants **Polychem AE** to be free from defects in materials and manufacture. General Resource Technology is not responsible for conditions outside it's control, including other materials, workmanship, design, inspection, supervision, labor, ambient temperature and field conditions, which are the proper responsibility of others.

## **STORAGE & HANDLING**

**Polychem AE** can be stored at temperatures as low as 34°F. Care should be exercised to prevent freezing below this temperature; freezing will not damage **Polychem AE** if thawed and with **LOW** agitation (Extreme care should be exercised during agitation). Store in plastic containers. MSDS available.