

**ROYAL PLAST AE**  
**(Air Entraining Plasticizer)**

**Description:** Royal PLAST AE is a synthetic dispersion of resin polymer which entrain air bubbles in the concrete in minute forms. The homogeneous dispersion of these air bubbles properties.

- Produces stable microscopic air bubbles distributed uniformly throughout concrete resistant to attack by frost and deicing salts thermal movement crack free concrete.
- Increased pumpability with lean mixes the concrete in transit will show no segregation.
- High strength and impart was ability retention.
- Improves impermeability of concrete.
- Ideal for mass concrete.

**Application:** Royal Plast AE should be added along with gauging water. The quantity of air entrained will vary with respect to the proportion of sand and the plasticity of the concrete mix. A site trial is always advisable for the entrained air content with an air meter and accordingly dosage is adjusted to keep the air content within required limit also increased the work ability of concrete at a content w/c ratio.

**Dosage / Usage :** Generally dosed in between 0.01% to 0.5% by weight of cement. The dosage will hone to be increased if more the material like more cement or fly ash are used in the concrete.

**Technical data:**

Colour	-	Brown / Colourless
Form	-	Liquid
Air Entrainment	-	6 ± 2% at the normal dosage
Relative density	-	1.05 ± 0.02
PH Value	-	6 (Minimum)

Chloride content	-	0.2% (Maximum)
Self Life	-	1 year
Packing	-	50kg / 250kg Drums
Storage	-	Keep in under shade
Health & Safety	-	Non-Toxic, Non flammable and non hazardous.

### **IMPORTANT**

The product are manufactured under stringent quality standard specification and guaranteed against any manufacturing defect based our practical experience and exposure, and are believed to be most appropriate and correct. But no liability can be accepted by us as the condition of use of such products are beyond our control. The user is expected to check, the suitability of particular product for his intended uses