



An ISO 9001 : 2000 Company

**MANUFACTURER OF CONSTRUCTION CHEMICALS**

## SETPLAST AEP

### PRODUCT DATA SHEET

**AIR ENTRAINING CUM WATER REDUCING ADMIXTURE FOR CONCRETE.**

#### DESCRIPTION:

**Setplast AEP** is a dark brown liquid. It has combined properties of air entrainment and water reduction. It conforms to IS:9103-1999 & ASTM-C-260.

#### USES:

**Setplast AEP** is most suitable wherever a well compact durable concrete, resistant to extreme thermal variation, and frost action is required. Such areas include waterproof concrete/canal lining, roads, runways, parking, hardstands dams, power house, open storage area, swimming pools etc.

#### ADVANTAGES:

- It improves quality of concrete with harsh aggregate.
- It produces cohesive concrete.
- It produces light weight concrete, where it improves workability and reduces tendency to bleed.
- It is useful in reducing the density of light weight concrete blocks, so that blocks meet thermal insulation requirements.

#### APPLICATION:

Take required quantity of **Setplast AEP** and place it either directly to wet concrete mix or along with gauging water and mix for 3 minutes to get required air entrainment.

Normally we recommended doses 0.3 to 0.6% by wt. of cement to get 4 to 5% air at 27°C. But dosage is to be determined by site trial to get desired air entrainment and workability.

#### PROPERTIES:

Aspect	Dark Brown Liquid
Specific Gravity	1.18 ± 0.02 at 27°C
pH	7 - 8
Choloride	Nil
Compatibility	Compatible with all types of port - land cement.

#### Corporate Office:

P-89, C.I.T. Road, Kolkata - 700 010 Phone : 2353-9279 / 23632470.

Fax : 91-33-23733078 E-mail : setcrete@yahoo.com,

Website : www.setcrete.com

JAS-ANZ

