



HIND PLAST AEP

PRODUCT DATA SHEET

AIR ENTRAINING ADMIXTURE FOR CONCRETE & MORTAR

DESCRIPTION

Hind Plast AEP is an air entraining concrete admixture. It produces a high number of correctly sized and evenly distributed air bubbles into the mix. Complies with **IS 9103:1999** (Reaffirmed 2004) Edition 2.2 (2007-08) and **ASTM C 260**.

USES

Hind Plast AEP is used to produce easily workable and durable concrete for roads, runways and parking areas, dams, and mass concrete structures and for lining concrete.

ADVANTAGES

- Increased frost resistance.
- Resistant to de-icing salts.
- Produces flowable concrete.
- Improved workability and durability.
- Increased cohesion reducing the risk of segregation.
- Reduced water content without loss of workability.
- Unaffected setting time even when overdosed.
- Helps to absorb and dissipate heat of hydration in mass concreting.

APPLICATION

The recommended dosage for **Hind Plast AEP** ranges from 0.05 to 0.15 % by weight of cement. It is advisable to carry out trial mixes to establish the exact dosage rate required. It is compatible with all types of cement.

PROPERTIES

Aspect	Dark Brown liquid
Specific gravity	1.02 ± 0.02 at 27 ° C
Chloride content	0.1 % (Maximum)
pH	≥ 6

SHELF LIFE

12 months from the date of manufacture in unopened condition. Should be stored in a cool and dry place away from direct sunlight, at temperature ranging between 2⁰ C (Min.) and 50⁰ C (Max.)

PACKING

200 Kg. HDPE Containers or as required.

HANDLING PRECAUTION

Hind Plast AEP is non-toxic but ingestion is to be avoided. Any splashes to the skin must be washed with water. If contact with eyes occurs, wash well immediately with water and seek medical advice.

Note:

- **Hindcon Chemicals** maintains a team of technically trained professionals to provide full support to your problems in construction, and recommend the correct product to suite your specific requirements. Our authorized applicators can attend your site for application of the products.
 - The content of the Technical datasheet are for general information and guideline. The result shown here are generated from our laboratory or from our site experiences.
 - Quality of our products are maintained as per ISO9001:2008 recommendations and continuous researches. The behavior can change as per the prevailing conditions at the time of applications.
 - Since **HINDCON CHEMICALS LIMITED** has no control over the use to which the users may put the material, it does not claim or warrant that in the user's particular circumstances, the result that the user will obtain from the product will be the same as those described in this communication or that the user will find the information or recommendations complete, accurate or useful. The client must test and ascertain the safety and fitness for the product for use.
 - The right to change the properties of the products is reserved with us. The proprietary rights of third parties must be observed. All orders are accepted subject to the terms of sale and delivery. Users must always refer to the most recent issue of the latest Data Sheet for the product concerned, copies of which will be supplied on request.
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