



## HIND PLAST SUPER<sup>(TM)</sup> WRA

### PRODUCT DATA SHEET

#### SUPER PLASTICISER CUM HIGH RANGE WATER REDUCING ADMIXTURE FOR CONCRETE

##### DESCRIPTION

**Hind Plast Super<sup>(TM)</sup> WRA** is a Sulphonated Naphthalene Formaldehyde based, High range water reducer conforming to **IS 9103:1999** (Reaffirmed 2004) Edition 2.2 (2007-08) , **ASTM C 494, Type F** and **IS: 2645 : 2003**.

##### USES

**Hind Plast Super<sup>(TM)</sup> WRA** is recommended for use in floor slabs, foundation and slender components with packed reinforcement, columns, beams and pavement quality concrete.

##### ADVANTAGES

- Improves very high workability to concrete mixes without addition of extra water.
- Permeability of Concrete/ Mortar is greatly improved.
- Produces flowable concrete.
- Water reduction up to 15 %.
- Significant increase in ultimate strength.
- No shrinkage effects.

##### APPLICATION

The recommended dosage is 0.5 to 2 % 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 Portland cement. **Hind Plast Super<sup>(TM)</sup> WRA** is added to gauging water prior to its addition to wet aggregate cement mix.

##### PROPERTIES

Aspect	Dark Brown Liquid
Specific gravity	Ranges from 1.05 to 1.22 at 27 ° C
Chloride content	0.2 % (Max)
pH	≥ 6

##### SHELF LIFE

12 months from the date of manufacture. Should be stored in a cool and dry place away from **direct** sunlight at temperature ranging between 2<sup>0</sup> C (Min.) and 50<sup>0</sup> C (Max.)

##### PACKING

250 kg. in HDPE Container or as required.

## HANDLING PRECAUTION

**Hind Plast Super<sup>(TM)</sup> WRA** 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.

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### 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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## HINDCON CHEMICALS LIMITED

(AN ISO 9001: 2015 COMPANY)

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