

HIND PLAST SUPER™ HPC 300

SUPERPLASTICIZER, HIGH EARLY STRENGTH, HIGH RANGE WATER REDUCING
ADMIXTURE FOR CONCRETE & PRECAST CONCRETE



DESCRIPTION

Hind Plast Super™ HPC 300 is a new generation based on second generation polycarboxylic ether polymer consisting the unique property of gaining high early strength. It is chloride free with low alkali content and is compatible with all types of cement. It also possesses the properties of water reduction and workability retention. It is suitable for production of high performance concrete and/or concrete with high workability. It conforms to **IS 9103: 2009, ASTM C 494, Type A, D & G and EN 934-2.**

USES

Hind Plast Super™ HPC 300 is recommended for use in concrete of all types especially for concrete with high work ability, high early and long term strength requirements with zero segregation and low water Cement (binder) ratio.

ADVANTAGES

- Improves work ability of concrete mixes with low W/C Ratio.
- To achieve high early strength.
- Permeability of concrete/mortar is greatly improved.
- Curing time gets reduced, resulting to increased production of concrete.
- Especially beneficial for quality precast concrete element.
- Impervious concrete with less shrinkage resulting to early and ultimate Compressive and Flexural strength is achieved in comparison to use of the common traditional Superplasticiser
- Significant increase in ultimate strength.

APPLICATION

The recommended dosage is 0.5 to 1.0 Kg per 100 kg 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. **Hind Plast Super™ HPC 300** is to be added to wet concrete after 70-80% of the mixing water is added. At no time it is recommended that it should be added to dry aggregate and cement.

PROPERTIES

Aspect	Light Brown Liquid
Chloride content (BS: 5075)	Nil
pH	≥ 6

SHELF LIFE

Best before 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 2°C (Min.) and 50°C (Max.)

PACKING

225 Kg. HDPE Containers or as required.

HIND PLAST SUPER™ HPC 300

SUPERPLASTICIZER, HIGH EARLY STRENGTH, HIGH RANGE WATER REDUCING
ADMIXTURE FOR CONCRETE & PRECAST CONCRETE

HANDLING PRECAUTION

Hind Plast Super™ HPC 300 is non-toxic but ingestion is to be avoided. Any splashes to the skin must be washed. If contact with eyes occurs, wash well immediately with water and seek medical advice. Overdosing of the material may cause delay in setting of the concrete.



STRENGTH UPON STRENGTH

IMPORTANT NOTICE :

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 behaviour 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.



✉ contactus@hindcon.com
☎ +91 33 24490839, 9830599113
☎ +91 33 24490849
📍 Kolkata, West Bengal, India

VISIT OUR WEBSITE

