



## HIND POWDER WP

### PRODUCT DATA SHEET

#### INTEGRAL WATERPROOFING COMPOUND IN POWDER FORM FOR PLASTER & CONCRETE

#### DESCRIPTION

**Hind Powder WP** is a waterproofing compound in powder form containing waterproofing additives evenly dispersed in inert fine filler, especially suitable for plastering and concreting in all climatic conditions, conforming to **IS: 2645 -2003**. The unique property of the compound makes concrete cohesive and enhances the permeability of concrete & plaster, thus reducing porosity and water tightness is improved.

#### USES

**Hind Powder WP** is recommended for use in Roof slab screed concrete, Basement, Underground water Retaining Structures, Toilets, Balconies, Water Closet and for all area of external plastering.

#### ADVANTAGES

- Makes the mix cohesive and denser, hence the concrete & plaster has reduced permeability.
- Compatible with all types & grades of cement.
- Setting time and strength of the cured concrete remains unaffected.
- Acts as an effective pore filler, resulting to fill capillaries and pores and prevents water seepage.
- Chloride-free and there is no chance of corrosion to the reinforcement used in concrete.

#### APPLICATION

##### Manual Hand Mixing

**Hind Powder WP** is always recommended to be mixed evenly with dry cement and sand by means of a spade. Potable water is now added to the dry mix as per decided W/C ratio and properly mixed to get a homogenous & uniform consistency concrete/ mortar. The mix is now placed/poured into shuttering provided and after it gets set curing is to be done as per regular practices with water.

##### Machine Mixing

Cement & sand as per the mix design is taken into concrete mixer. **Hind Powder WP @ 500 gm** is added for every **50 kg bag** of Cement & mixed for one minute. Potable water is now added to the mix as per decided W/C ratio and mixed for **2-3 minutes** to obtain a lumps free homogeneous concrete mortar. The mix is now placed/poured into shuttering provided and after it gets set curing is to be done as per regular practices with water

**Dosage : 500 gm per 50 Kg bag of Cement.**

#### PROPERTIES

Aspect	Free flowing Powder
Colour	Off White
Bulk Density	0.5 to 0.8 gm/ml (tapped)
Setting Time @30 <sup>0</sup> C, mins (IS: 2645-2003)	Passes
Chloride content	< 0.1 % (Considered to be Nil)
Compressive Strength N/mm <sup>2</sup> (IS: 2645-2003)	Matches the value to control mix
Water Permeability (IS: 2645-2003)	< 50% of control mix.

**Precautions:**

- **Hind Powder WP** should not be added to water directly.
- **Hind Powder WP** should not be added into wet concrete/ mortar.
- **Hind Powder WP** should always mixed with dry mortar composition.

**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 5<sup>0</sup> C (Min.) and 50<sup>0</sup> C (Max.)

**PACKING**

500 gm packet.

**HANDLING PRECAUTION**

**Hind Powder WP** is non-toxic and ingestion is to be avoided. If contact with eyes occurs, wash well immediately with water and seek medical advice. Use rubber hand gloves & safety goggles, while using **Hind Powder WP**. Keep away from children.

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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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(AN ISO 9001: 2015 COMPANY)

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