



HIND CURE WB

PRODUCT DATA SHEET

WATER BASED CONCRETE CURING COMPOUND

DESCRIPTION

Hind Cure WB is a water based, solvent free ready to use liquid concrete curing compound. It prevents premature water loss from concrete. It passes the norms set by **Indian Green Building Council (IGBC)** to be declared as a Non VOC (Volatile Organic Content) compound.

USES

Hind Cure WB when sprayed into newly laid concrete after the surface water gets dried up, it penetrates deep into the concrete matrix to initiate secondary hydration resulting to densification of the substrate which does not allow the water in the mix to evaporate. This densification forms a barrier against premature water loss, without creating any hindrance to the normal curing phenomenon. The relative humidity almost remains unchanged and provides optimum hydration for the concrete to achieve the design strength, durability and other beneficial properties of concrete.

ADVANTAGES

Hind Cure WB is very useful in large areas of exposed concrete such as

- Concrete Highways-Road construction.
- Air Port Runways.
- Apron and hard standing.
- Roof decks and shell-roofs.
- Retaining walls.
- Pre stressed beams and peers.
- Canal lining.
- Exposed surfaces of dams.
- Sloping and angular surface where pond curing is not possible.

APPLICATION

Hind Cure WB should not be diluted for application to the newly laid concrete/hardened concrete. Once the surface water has disappeared and the surface does not pick up any foot traffic marks, two coats of application is to be done for the total area by means of a low pressure hand operated spray machine. For large areas of concrete such as concrete Highway. Power driven automatic spray equipment attached to paver machine is employed. The content is to be stirred well before application. After application of the first coat when it gets dried up, the second coat is to be applied immediately. The newly laid concrete should not be allowed to get disturbed until it gains adequate strength. In case of hardened concrete (after removal of formwork) the concrete surface is to be well saturated before application of **Hind Cure WB**.

PROPERTIES

Aspect	Transparent/White Liquid
Specific Gravity	1.02 ± 0.05 at 27° C
Drying Time	Approximately 100 minutes at 25 ⁰ C
VOC (Volatile Organic Content)	Within Limits as specified by IGBC
Coverage*	15 to 20 Sq. Meter/Kg

* Coverage depends on site condition such as wind velocity, temperature, humidity and porosity of the surface.

SHELF LIFE

Best before 12 months from the date of manufacture. Should be stored in a cool and dry place away from direct sunlight at temperature ranging between 2⁰ C (Min.) and 40⁰ C (Max.).

PACKING

210 Ltr. HDPE container or as required.

HANDLING PRECAUTION

Hind Cure WB is non-toxic but ingestion is to 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.

HINDCON CHEMICALS LIMITED

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