



## HIND CURE WP

### PRODUCT DATA SHEET

#### PIGMENTED CONCRETE CURING COMPOUND

##### DESCRIPTION

**Hind Cure WP** is a concrete curing compound to prevent premature water loss from concrete. It is a micro crystalline compound pigmented with titanium-di-oxide, for total reflection of sunlight to dissipate surface heat. It conforms to **ASTM C 309, Type I & II, Class A & B, ASTM C 156 & BS 7542**

##### USES

**Hind Cure WP** is sprayed or brushed into newly laid concrete surfaces to form a thin film barrier against premature water loss, without hindrance to the normal curing phenomenon due to adequate hydration, water held by the concrete matrix and for very slow evaporation of water from below the membrane so that concrete achieves maximum beneficial properties.

##### ADVANTAGE

**Hind Cure WP** 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 WP** curing membrane is recommended for application to the newly laid concrete once the surface water has disappeared. For large areas of concrete such as concrete Highway. Power driven automatic spray equipment attached to paver machine is employed. The contents are to be stirred well before application as in Paints application.

##### PROPERTIES

Aspect	White Liquid
Specific Gravity	0.9 ± 0.05 at 27° C
Water Loss (ASTM C 309:06)	0.55 Kg/ m <sup>2</sup> (Max.)
Drying Time (ASTM C 309:06)	< 90 mins.
Reflectance (ASTM C 309:06)	Not less than 60 %
Curing Efficiency	90%
VOC (Volatile Organic Content)	216.8 gm/Lit
Coverage*	5 to 6 Sq. Metre/Litre.

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

**Hind Cure WP** complies with **ASTM C-309-06**, **ASTM C 156**, **ASTM E 97** and **BS: 7542** specification in respect of rate of evaporation loss. The weight of water lost per square meter of coated concrete surface in 24 hours is 0.40 kg. against 0.55 kg. (Maximum) stipulated in Ministry of Surface Transport (Most) Govt. of India's specification.

#### **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 2<sup>0</sup> C (Min.) and 40<sup>0</sup> C (Max.)

#### **PACKING**

200 Litre HDPE container or as required.

#### **HANDLING PRECAUTION**

**Hind Cure WP** 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)

##### **Office:**

62B, Braunfeld Row, "VASUDHA", Kolkata - 700027

Tel: 24490839. Fax: 24490849

E-mail: [contactus@hindcon.com](mailto:contactus@hindcon.com), [hindconchemicals@yahoo.com](mailto:hindconchemicals@yahoo.com)

##### **Factory:**

Baniyara, Jalan Complex, Gate No.3

Howrah – 711 411

[www.hindcon.com](http://www.hindcon.com)