



## HIND COAT EP

### PRODUCT DATA SHEET

#### SOLVENT FREE EPOXY COATING FOR CONCRETE AND STEEL SURFACE

##### DESCRIPTION

**Hind Coat EP** is a two component solvent free epoxy coating for concrete/epoxy mortar covering and steel surface. It is a surface tolerant epoxy based topcoat applied over the concrete/epoxy mortar and steel surface after mixing **Component A (Resin)** and **Component B (Hardener)** in appropriate proportion. It conforms to **ASTM C D2240 for Testing of Shore D Hardness**.

##### USES

It is recommended to be used as follows:

- Roof Deck
- Parking Bay
- Pedestrian walkways
- Tunnel lining coating over epoxy mortar repaired surface to prevent abrasion.
- Flyover bases and piers.
- Industrial Floors.
- Hospitals, Laboratories.
- Pharmaceutical Industry.
- Food and beverage plants.

##### ADVANTAGES

- Excellent bonding and adhesion to wide range of substrate.
- Economical and Excellent coverage.
- Solvent Free
- Improves Chemical resistance for substrates.
- Easy application by brush or roller.

##### APPLICATION

###### Surface Preparation:

**Concrete Surface:** Before application surface preparation is important, surface should be cleaned, dry, and free from loose particles, oil, grease or other foreign materials. All undulations, blow-holes and surface imperfections to be made good before application of **Hind Coat EP**.

**Steel Surface:** Prior to application surface preparation is important, surface should be cleaned, dry, and free from rust, oil, grease or other foreign materials.

###### Mixing:

Mix **Component A (Resin)** & **Component B (Hardener)** in the ratio of **3:1** with a mixer machine fitted with a stirrer/paddler until an uniform colour is obtained for 2-3 minutes and allow it to rest for another 1-2 minutes for the entrapped air to escape.

Apply with a Brush or Roller. Two (2) thin coats are recommended depending on the surface of the substrate. This takes care of the porosity of the surface.

**Cleaning:** Clean all tools & equipment immediately after use with, Xylene, Toluene or suitable solvent.

#### PROPERTIES

Aspect	Pack A Liquid, Pack B Liquid
Colour	Transparent
Mixed ratio	<b>Comp A: Comp B = 3:1 by wt.</b>
Density	1.10 ± 0.05 gm/cc
Pot life	Approximately 3 hours at 25 ± 2°C
Touch Dry	Approx. 6-7 hours.
Full Dry	Overnight.
Coverage	4 to 5 sq. mtr/ kg of mixed material depending on the texture and porosity of the surface.
Chemical resistance	Chemically resistant to wide range of chemicals and oils.

#### PACKING

4 Kg & 12 Kg.

#### SHELF LIFE

**Best before 12 months** from the date of manufacture in sealed containers. Should be stored in a cool and dry place away from direct sunlight at temperature ranging between 2<sup>o</sup> C (Min.) and 35<sup>o</sup> C (Max.).

#### HANDLING PRECAUTION

**Hind Coat EP** 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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