



## HIND CE 750

### PRODUCT DATA SHEET

#### TWO COMPONENT HIGH GLOSS & TRANSPARENT EPOXY RESIN

#### DESCRIPTION

**Hind CE 750** is a two-component multi-purpose high gloss professional grade clear epoxy resin and hardener specially formulated for coating, casting, lamination and adhesive applications. **Hind CE 750** produces a super-gloss, transparent, low viscous and UV stable high-performance user-friendly epoxy-based liquid which is suitable for coating bar tops, tabletops, coating countertops, encapsulation, resin art painting, fiberglass laminating, casting clear models, prototypes, jewelry, figurines etc.

#### USES

- Coatings for Woods, Furniture, Table tops & Modular Kitchen.
- Sculpture & Art Casting.
- 3D Flooring.
- Encapsulation & Display.
- Industrial Lamination.
- Cast Resin.
- Prototypes.
- Fiberglass laminating.
- Jewelry.

#### ADVANTAGES

- Clear colorless liquids rendering a crystal clear coating or cast when cured.
- Excellent aesthetic look.
- High Gloss finish.
- Non-yellowing and UV resistant.
- Blush resistant.
- High Strength with good flexibility and chip resistance.
- Less shrinkage and excellent air release capacity.
- Excellent moisture protection barrier and stable in acidic pH solutions.
- Self levelling system with efficient substrate wetting.
- Can be pigmented using compatible pigments.
- Easy to use.

## PROPERTIES

Aspect	Two pack system designed as <b>Comp. A (Resin) Comp. B (Hardener)</b>
Mixing Ratio	<b>3 :1 (by weight) Component A(Resin) : Component B (Hardener)</b>
Pot Life	45 minutes at 30 <sup>0</sup> C
Over Coating Time	8 to 10 hours at 30 <sup>0</sup> C
Hardness	D-80
Drying Time	Touch Dry – 6 to 8 hours at 30 <sup>0</sup> C
Cure to handle	24 hours at 30 <sup>0</sup> C
Full internal cure	72 hours at 30 <sup>0</sup> C
Viscosity	2600 cps

## APPLICATION

### Surface Preparation

The surface to be coated must be dimensionally stable, dry, clean and free of oil, grease, release agents, curing compounds and other foreign materials.

Always an epoxy resin primer coat is recommended to avoid high material consumption and blistering (**layer thickness 0.2mm to 0.5mm**). For such primer application, use the same **Hind CE 750** system and mix in the ratio of **3:1 Component A (Resin): Component B (Hardener)**. Stirring is essential since settlement at the bottom of the mixing can will be there.

Mix **1 part** by Wt. of **Component B (Hardener)** with **3 parts** by Wt of **Component A (Resin)** till a streak-free mix is obtained. Pour the mixed material onto the surface to be coated immediately after mixing as the mixed material may release heat and become hot depending on the system and amount of substance. Application of primer to the surface to be done with roller or brush on the desired cleaned surface. Rollers made of polyamide is recommended. Let the primer get cured. The curing time is dependent on the temperature, thickness of the layer being applied. The main coating is carried on in the same process. Processing time, pouring heights and curing time varies depending on the substrate temperature and application method.

### Cleaning of Tools

Clean tools and tackles with Xylene/MEK or any standard solvent before the mixed material gets hardened.

## SHELF LIFE

Best before **6 months** from the date of manufacture. Should be stored in a cool and dry place away from direct sunlight at temperature <**25**<sup>0</sup> C to ensure optimum stability.

## PACKING

Available in **3 Kg & 1 Kg Kit (Comp A & Comp B)** , **18 Kg & 6 Kg Kit (Comp A & Comp B)**, **12 Kg & 4 Kg Kit (Comp A & Comp B)** and **6 Kg & 2 Kg Kit (Comp A & Comp B)**

## HANDLING PRECAUTION

**Hind CE 750** is non-toxic and ingestion is to be avoided. Use gloves, goggles and barrier cream. 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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