

# HIND EPC SLRH

EPOXY BASED FOOD GRADE COATING



## DESCRIPTION

**HIND EPC SLRH** is a two component 100 % solvent free self levelling epoxy used for epoxy Topcoat of up to 500 microns for vertical and horizontal surfaces. Product is to be applied after mixing resin, hardener and powder in an appropriate ratio to provide Topcoat with a very low VOC. Various RAL shades can be incorporated in the finish.

## USES

- Potable and clean water tanks.
- Hospitals
- Warehouses
- Showrooms
- Laboratories
- Automobiles
- Engineering
- School Auditorium
- Food and chemical manufacturing unit.

## ADVANTAGES

- Rapid and easy application to form a smooth finish.
- Excellent adhesion to primer and /or underlay.
- Excellent mechanical strength.
- Compatible with the environment.

## APPLICATION

Apply the material with the help of spike roller and level off. The surface to be treated must be thoroughly cleaned. Remove all traces of release agent, fluorinated hydrocarbon, grease, efflorescence, laitance, algae or other contaminant that may prevent proper adhesion. Remove organic materials by scraping, brushing or highpressure water cleaning if required for the underplayed or sprayed surface. Apply primer as a base coat and let it dry at least for 2 to 3 hours and then apply underlay in a correct proportion as a middle coat and let it dry at least for 6 to 7 hours.

## PROPERTIES

Colour	Natural or as required
Density	1.5gm/cc
Mixing Ratio	<b>Resin 100 parts: Hardener 25 parts: Filler 10- 25 parts if required.</b>
Thickness	500 microns -1 mm
Pot life	2 hours @25°C
Drying Time	Touch dry- 8hrs
Curing Time	16-24 hours
Full Cure	4 days
Adhesion to primer(N/mm <sup>2</sup> )	2.6-2.8
Moisture content (@24°C/24hrs)	0
Fire Resistance	Self-extinguishing on removal of heating surface
Compressive Strength (N/mm <sup>2</sup> )	41.89
Flexural Strength (N/mm <sup>2</sup> )	30.50

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## STORAGE

Keep the containers in a dry, cool well-ventilated space and away from sources of heat ignition. Container must be tightly closed.

## SHELF LIFE

Best before 12 months from the date of manufacture.

## PRECAUTION

This product is professional use only. The applicators and operators shall be trained, experienced and have the capability to handle the equipment and to mix/stir and apply the coating correctly. Applicators and operators shall use appropriate protection when using this product. The guideline is based on the correct knowledge of the product.

## PACKING

As per requirement.

## HEALTH & SAFETY

While handling, all contact with eyes, skin, and clothes should be avoided. In case of any splashing in the eyes, rinse with cold running water for 10-15 minutes. Any accidental case sought medical attention immediately.

## DISCLAIMER

The information in this document is given to the best of HIND knowledge, based on laboratory testing and practical knowledge. Users should always consult HIND for specific guidance on the general suitability of the products for their need and specific application

## IMPORTANT NOTICE :

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 behaviour 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.



✉ contactus@hindcon.com  
☎ +91 33 24490839, 9830599113  
☎ +91 33 24490849  
📍 Kolkata, West Bengal, India

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