



HIND EPC SLRH

PRODUCT DATA SHEET

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.

AREA OF APPLICATION

- 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 high-pressure 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	Resin 100 parts: Hardener 25 parts: Filler 10- 25 parts if required.
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 ²)	2.6-2.8
Moisture content (@24°C/24hrs)	0
Fire Resistance	Self-extinguishing on removal of heating surface
Compressive Strength (N/mm ²)	41.89
Flexural Strength (N/mm ²)	30.50

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

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