



## HIND ERS 21 P

### PRODUCT DATA SHEET

#### SOLVENT FREE LOW VISCOUS EPOXY PRIMER

##### DESCRIPTION

**Hind ERS 21 P** is a two component solvent free low viscous epoxy primer for application on stones, asbestos, cement, wood, concrete and mortar surface etc. before application of other epoxy systems.

##### ADVANTAGES

**Hind ERS 21 P** is very useful in concrete such as

- Excellent bonding and adhesion to all substrate.
- No shrinkage during curing.
- Easy application by brush or sprayer.

##### 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 ERS 21 P**

**Metal Surface:** Any previous surface treatments should be removed to get back the original metal surface by means of sand blasting. If blasting is not possible descaling guns or rotary wire brush may be used to get the original metal surface. It should be noted that the surface does not get re-oxidized before application of **Hind ERS 21 P**

###### Mixing:

Mix 1 part by wt of component B with 2 parts by wt of component A i.e. mixing ratio = Component A: Component B = 2:1 (by wt). Mix at least 5 minutes to uniform color without any streak using a drill and paddle mixed (speed 200 RPM) so as to avoid any entrapped air. Comp B is to be poured in Comp A gently.

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

##### PROPERTIES

Aspect	Pack A Liquid, Pack B Liquid
Mixed ratio	Comp A: Comp B = 2:1 (by wt)
Density	1.05 ± 0.02 at 27 °C ± 2 °C
Pot life	Approximately 60 minutes at 27 °C
Coverage	4 to 6 sq. mtr/ kg of mixed material depending on the texture and porosity of the surface.
Flexural strength 27 °C	More than 25 N/ mm <sup>2</sup> in 7 days.
Chemical resistance	Chemically resistant to wide range of chemicals and oils.

## PACKING

1.5 Kg, 6 Kg & 18 Kg Kit.

## SHELF LIFE

12 months if it is in unopened condition. Should be stored in a cool dry place away from direct sunlight.

## HANDLING PRECAUTION

**Hind ERS 21 P** 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.
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