



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, steel 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	5 to 9 sq. mtr/ kg of mixed material depending on the texture and porosity of the surface.
Flexural strength 27 °C	More than 25 N/ mm ² 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

Best before 12 months from the date of manufacture. Should be stored in a cool and dry place away from direct sunlight at temperature ranging between 2⁰ C (Min.) and 35⁰ C (Max.).

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.

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.

HINDCON CHEMICALS LIMITED

(AN ISO 9001: 2015 COMPANY)

Office:
62B, Braunfeld Row, "VASUDHA", Kolkata - 700027
Tel: 24490839. Fax: 24490849
E-mail: contactus@hindcon.com, hindconchemicals@yahoo.com

Factory:
Baniyara, Jalan Complex, Gate No.3
Howrah – 711 411
www.hindcon.com