



HIND HYDRO FLEX AQP (PRIMER)

PRODUCT DATA SHEET

TWO COMPONENT AQUA RESIN BASED PRIMER

DESCRIPTION

Hind Hydro Flex AQP (PRIMER) is a two component, low viscosity aqua epoxy primer with high adhesion performance for moist concrete and mineral surfaces.

USES

Hind Hydro Flex AQP (PRIMER) is used for Residential and Commercial Buildings, Hospitals, Stone & Marble Structures, Showrooms, Laboratories, Schools. As a primer on wall before coating in workshops, store rooms and warehouses. It is also used in Dairy farms, breweries industrial kitchens, food processing plant, soft drink bottling plants, control rooms, computer room, other utility areas, off-shore platforms and ship decks.

ADVANTAGES

- Low odour and nonflammable
- All-purpose epoxy primer
- Can be applied to dry or damp substrates
- Excellent for sealing dormant static hairline crack.
- Excellent penetration ability due to low viscosity behaviour.
- High chemical and water resistance.
- Easy to apply.

APPLICATION

The application surface must be durable, fully cured, sound, dry, clean and clean off all contaminant, rust, oil, dust etc. Surface must be roughened mechanically by suitable means of surface preparation before application. **Epoxy Resin, Component A** is stirred under low-speed drill, then **Epoxy Hardener, Component B** is added into the **Component A** and mixed under low speed mixer during **3-4 minutes** until homogenous mixture is obtained. Add water up to **2 times** the quantity of Resin used. For primer applications, prepared mixture is applied on the surface by using roller, brush, trowel or metal squeegee. Recoating period between the coats is **10-48 hours**. Surface must be protected from water and rain at least **24 hours** after application.

PROPERTIES

Solids by volume	±98%
Density	Available in clear and various colours.
Mixing Ratio	Resin (Comp A) -100 parts: Hardener (Comp B)-200 parts : Water 200 parts by weight
Pot Life	Mixed Material . Approx 60-90 mins. at 30° C
Recoating Time	10-48 hours.
Drying Time	Surface Dry - 10 hours Hard Dry - 24 hours Recoat-able Time – 10-48 hours
Film Thickness	100µm
Coverage	4-5 Sq. Mtr per Kg of the mixed material per Coat depending on the surface conditions at a ratio of 100:200:200

PACKING

Hind Hydro Flex AQP (PRIMER) is available in 15 Kg, 30 Kg Kit (Pack A & Pack B)

CLEANING OF TOOLS

Tools and equipment after use to be cleaned with thinner or suitable solvent. Cleaning should be done before the material starts to gel or harden.

SHELF LIFE & STORAGE

12 months from the date of manufacturing in sealed unopened container. Hind Hydro Flex AQP should be stored in a well-ventilated area away from direct sunlight.

HANDLING PRECAUTION

This product is for 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.

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.

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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