



## HIND ERS 216 (UV)

### PRODUCT DATA SHEET

#### ULTRA VIOLET RESISTANT EPOXY FREE FLOW GROUT & WATERPROOF SEALANT

##### DESCRIPTION

**Hind ERS 216 (UV)** is a four component epoxy resin and amine curing system decorative, chemical resistant, dust proof grout and mortar.

##### USES

**Hind ERS 216 (UV)** is extensively used as grout and sealant in Pharmaceuticals, Printing Industries, Food Processing Plants, Workshops, Tea Blending Plants, stone work joints, Chemical resistant linings to tanks and reservoirs etc.

##### ADVANTAGES

- Excellent chemical resistance.
- Completely dust proof and thus hygienic.
- Durable and hardwearing and of nil maintenance cost.
- Excellent adhesion and water proofing property.
- Attractive and available in wide color range.

##### APPLICATION

###### Surface Preparation

**Concrete Surface:** The surface of application has to be sound and made free from all dust, dirt, loose & greasy materials and the moisture content of the surface has to be checked. The moisture content can be checked either by a Hygrometer or by an air tight polythene sheet to ensure that no moisture is accumulated in 24 hours for using as grout the grooves should be cut uniformly by a machine tool, dust should be completely removed by suitable method and properly mixed **Hind ERS 216 (UV)** should be gently poured to ensure free flow of the material to fill the groove.

###### Mixing

**Hind ERS 216 (UV)** is mixed in small batches taking 2 parts component ‘A’, 1 part component ‘B’ , 6 parts of component ‘C’ and 0.50 part of component ‘D’ taking their weights with a weighing machine. Pre weighted Component ‘A’ has to be poured in a mixing pot first and then component ‘B’, ‘C’ and ‘D’ are to be poured simultaneously and the mix is to be stirred very slowly. When the mix is uniform the low viscous liquid has to be applied/poured on the prepared surface by tooling gently.

##### PROPERTIES

Aspect	Comp ‘A’- Clear Pale yellow liquid Comp ‘B’- Water white liquid Comp ‘C’- White powder Comp ‘D’- Color Paste.
Density	1850 to 1900 kg per cum.
Mixing Ratio	2parts Comp-A: 1 part Comp-B : 6 parts Comp-C : 0.50 part Comp-D
Bonding Strength	20-25 Kg/cm <sup>2</sup> in 7 days.
Compressive strength	Min 70N /mm <sup>2</sup> in 24 hours Min 100 N/ mm <sup>2</sup> in 7 days
Chemical Resistance	Is not affected by a wide range of acids, alkalis, salts & oils.
Pot life	30 mins at 27° C if not continuously stirred.

## CLEANING

All tools and equipment should be cleaned with Xylene, Toluene or suitable solvent.

## COVERAGE

Depends upon the thickness of mortar or size of the groove to be filled

## 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 2<sup>0</sup>C (Min.) and 35<sup>0</sup>C (Max.).

## PACKING

4.75 Kg. & 9.5 Kg. Kit

## HANDLING PRECAUTION

While working with **Hind ERS 216(UV)**, the workmen should wear gloves and safety shoes, those who are very sensitive in handling epoxy products should also wear safety glasses and clothes.

---

### 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, Braufeld Row, "VASUDHA", Kolkata - 700027

Tel: 24490839. Fax: 24490849

E-mail: [contactus@hindcon.com](mailto:contactus@hindcon.com), [hindeonchemicals@yahoo.com](mailto:hindeonchemicals@yahoo.com)

Factory:

Baniyara, Jalan Complex, Gate No.3

Howrah – 711 411

[www.hindcon.com](http://www.hindcon.com)