



HIND ERS WS

PRODUCT DATA SHEET WATER SOLUBLE EPOXY SEALER MEMBRANE

DESCRIPTION

Hind ERS WS is a two-component system for waterproofing. The two parts are to be mixed thoroughly together and then diluted with water, before application.

USES

To arrest seepage and dampness problems on interior surfaces of basements, tunnels, lift walls, retaining walls, floors, underground car parking etc. Being solvent free, it can be used on the interior of concrete water storage tanks. It is excellent on concrete that has hardened and is ideal as a waterproof membrane on concrete floor slabs under carpets and other floor coverings. It can be used as coating in breweries and food processing industries that follow FDA specifications.

ADVANTAGES

- Useful in large areas of exposed concrete.
- Can be applied on damp surfaces.
- Dose not impair bond of subsequent adhesives or paints.
- It possessed all the attributes of normal solvent based epoxy compositions, such as excellent water and fungal resistance, adhesion, hardness, mechanical strength and toughness to substrates.
- Re coat ability and inter coat adhesive is excellent.
- Easily washable with a soap solution.
- May be tinted with universal paint tinters.
- Being free of solvent, it does not pose any health hazards or fire hazards.
- Waterproofing work can be executed even during the monsoon on wet substrates.
- It is completely safe, convenient and economical to apply.

APPLICATION

Before application, surface preparation is important. Surface should be clean, free from loose particles, oil, grease, or other foreign materials. Deep contaminated concrete should be thoroughly cleaned by wire brush, or sand blasted.

No primer is required before the application of **Hind ERS- WS**. Apply two coats using a stiff nylon brush or roller. Allow 3 to 4 hours gap between first and second coat.

PROPERTIES

Aspect	Off white in color of mixed material.
Mixing Ratio	Component A: Component B: Water = 1:1:1 (by weight). Stir individual components thoroughly before mixing together. Then mix both components and dilute the mixed compound with water by slow addition, using a low speed mixer
Pot Life	60 to 70 minutes at 30°C
Drying Time	4 to 6 hours.
Curing Time	24 hours.
Coverage (Mixed)	First coat- 6 to 9 Sq.mtr / Kg. Second coat – 8 to 10 Sq.mtr / Kg.
Film Appearance	Semi Glossy smooth film.
Hardness, Toughness	Excellent
Water Resistance	Excellent
Adhesion to controlled damp surface	Good
Impact Resistance	Good
Chemical Resistance	Good

SHELF LIFE

12 months from the date of manufacture in unopened condition.

PACKING

1, 2, 5 Kg or as per requirement

HANDLING PRECAUTION:

Hind ERS - WS is non-toxic, non-flammable and 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.

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 results shown here are generated from our laboratory or from our site experiences.
 - Qualities 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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HINDCON CHEMICALS LIMITED

(Formerly HIND SILICATES PVT. LTD)
(AN ISO 9001: 2008 COMPANY)

Office

62B, Braunfeld Row, "VASUDHA", Kolkata - 700027
Tel: 24490835, 24490839. Fax: 24490849

E-mail: contactus@hindcon.com, hindconchemicals@yahoo.com

Factory

Baniyara, Jalan Complex, Gate No.3
Howrah – 711 411. Tel: 2669 9213

www.hindcon.com