



HIND EMETOP RTU

PRODUCT DATA SHEET

READY MIX DRY SHAKE ABRASION RESISTANT FLOOR HARDENER

DESCRIPTION

Hind Emetop RTU is a ready-to-use factory processed and specially graded non-oxidising, non-magnetic, non-metallic and mineral aggregate dry shake surface hardener free from oil and grease.

USES

Hind Emetop RTU when trowel led into the surface of concrete floors forms a toughened hard-wearing surface suitable for industrial use. It is recommended for factory floors, warehouse, hangers and car parks that are subjected to heavy traffic.

ADVANTAGES

- Provides build in wear resistance and produces high abrasion resistant floor surface.
- Impact resistance twice that of plain concrete.
- Three times greater surface density than plain concrete which increases resistance to penetration by oil, grease, hydraulic fluids, ethylene, glycol and many industrial chemicals.
- May be used for open and continuously wet areas.
- Non-rusting and easy maintenance.
- Fast construction with minimum site costs for materials handling and non-bonding problems.

APPLICATION

Hind Emetop RTU should be broadcast in two equal stages evenly over the surface of freshly laid concrete as soon as the surface water has evaporated. Immediately after each stage of broadcasting of **Hind Emetop RTU** the first trowelling should be carried out, either by hand or by means of a power float. When the surface has sufficiently stiffened a second trowelling should be given to close any pores and remove any undulation in the surface. This is followed by a final hand trowelling to remove any disc marks. The floor must be thoroughly cured.

COVERAGE

This varies from 3-7 Kg per Sq. Mtr. depending on the type of floor as follows:

Moderate Duty	3 Kg/m ²
Medium Duty	5 Kg/m ²
Heavy Duty	7 Kg/m ²

PROPERTIES

Aspect	Greyish Granular Powder.
Water Absorption	1-2%.
Improvement of Abrasion Resistance/wear Resistance	215 % - 320 % over controlled concrete (Minimum Grade of M-20). It will be tested as per IS-1237, 1980, with the sample specimen of Mortar Cake (1:2) of size 7.06 cm x 7.06 cm. x max. 35 mm. thick. It can be represented either in terms of Loss of thickness or in terms of % Improvement of /abrasion Resistance/wear Resistance with respect to the minimum loss of thickness of the sample with floor hardener.
Compressive Strength	50-75 N/ mm ² . Test as per IS-516, 1959 : applicable with M-30 to M-45 grade of concrete the dose of Hind Emetop RTU will be as per the type of floor. In general Doses varies from 12-28 Kg./Cu.M or 3-7 kg. / Sq.M. It must be sprayed over the green concrete immediately after the evaporation of bleeding water.

SHELF LIFE

Best before 6 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 50⁰ C (Max.)

PACKING

40 Kg in HDPE Bag.

HANDLING PRECAUTION

Hind Emetop RTU is non-toxic and ingestion is to be avoided. 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.

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