



## HIND EMETOP M (RTU)

### PRODUCT DATA SHEET

#### NON OXIDIZING READY TO USE METALLIC FLOOR HARDENER FOR LONG WEARING ABRASION RESISTANT FLOORING

##### DESCRIPTION

**Hind Emetop M (RTU)** is a single component, pre-blended ready to use floor hardener consisting of clean graded, non-oxidizing metallic aggregates that homogeneously gels to form extra tough concrete floors. It is formulated containing non-rusting aggregates, resulting to increased abrasion resistance where the area of application is subjected to high moisture/water exposure.

##### USES

On pavements and floors where hardness, anti-skid, abrasion and impact resistance properties are required, e.g. foot paths, godowns and ware houses where metal wheeled carts ply, runway, heavy traffic lanes, service stations, parking lots, dock yards, skating ring, playing courts, garages and workshops, foundries, steel casting units, etc.

##### ADVANTAGES

- High Impact resistance, maintenance free and dust proof.
- High abrasion resistance.
- Low mechanical wear and tear, long durability.
- Anti-skid, even when wet.
- Economical and long life floor is achieved.
- Excellent finish and dense surface resists oil, grease and chemical penetration.
- Easy to apply.

##### APPLICATION

###### For Light duty floor

The substrate concrete on which **Hind Emetop M (RTU)** is to be broadcasted, should be at least M-25 grade, prepared with a low water-cement ratio, preferably admixed with a water reducing plasticizer like **Hind Plast Super WRA** and the thickness of the surfaces must be 150mm. After the surface water gets evaporated and the surface is green **Hind Emetop M (RTU)** broadcasting is to be done by hand and immediately the floor top should be smoothed either by hand trowel or mechanically, over-trowelling should be strictly avoided. Finishing should be done competently and power float can be used, if desired. Curing to be done as per standard practice for 28 days. The floor can be open to light vehicular traffic from 7 days onwards and full use after 28 days. Do not apply in windy and extremely dry condition.

###### For Heavy duty floor

The substrate concrete on which **Hind Emetop M (RTU)** is to be broadcasted, should be at least M-25 grade, prepared with a low water-cement ratio, preferably admixed with a water reducing plasticizer like **Hind Plast Super WRA** and the thickness of the surfaces must be 150mm. After the surface water gets evaporated and the surface is green **Hind Emetop M (RTU)** broadcasting is to be done in two equal stages in the ratio (50:50). After the first broadcasting is over, the second broadcasting is to be done at right angle to the direction of broadcasting of the first one by hand and immediately the floor top should be smoothed either by hand trowel or mechanically, over-trowelling should be strictly avoided. Finishing should be done competently and power float can be used, if desired. **Hind Emetop M (RTU)** can be used in conjunction with vacuum dewatered concrete at **5Kg/ Sq. Mtr (Maximum)** spread rate. Curing to be done as per standard practice for 28 days by water ponding or using curing compound **Hind Cure WP/Hind Cure AL**. Do not apply in windy and extremely dry condition.

## PROPERTIES

Aspect	Cementitious Grey Powder	
Density Kg/m <sup>3</sup>	2500 -2550	
Layer Thickness (mm)	2.5 to 3.0	
Abrasion Resistance	The treated floor will give 400-500% better abrasion resistance than control concrete.	
Application Temperature ° C	5 - 40	
Substrate Temperature ° C	5 - 40	
Compressive Strength N/mm <sup>2</sup> (28 days)	70	
Coverage (Theoretical)	Light Duty	3-5 Kg per m <sup>2</sup>
	Heavy Duty	6-12 Kg per m <sup>2</sup>

## 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>o</sup> C (Min.) and 50<sup>o</sup> C (Max.)

## PACKING

25 Kg. HDPE Bag.

## HANDLING PRECAUTION

**Hind Emetop M (RTU)** is non-toxic and should be handled with wearing rubber gloves. If contact with eyes occurs, wash well immediately with water and seek medical advice.

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### 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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(AN ISO 9001: 2015 COMPANY)

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