

# HIND EMETOP M

METALLIC COMPOUND FOR LONG WEARING ABRASION RESISTANT FLOORING



## DESCRIPTION

**Hind Emetop M** is a graded metallic formulation that homogeneously gels with cement to form extra tough concrete floors.

## 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, skating ring, playing courts, garages and workshops, foundries, steel casting units, etc.

## ADVANTAGES

- High Impact resistance.
- High abrasion resistance.
- Low mechanical wear and tear, long durability.
- Anti-skid, even when wet.
- Economical.
- Excellent finish.
- Easy to apply.

## APPLICATION

### For Light duty floor

The substrate concrete on which **Hind Emetop M** is to be broadcast, should be at least M-20 grade, prepared with a low water-cement ratio, preferably admixed with a water reducing plasticizer like **Hind Plast Super RP**. After the bleed water has evaporated a dry mix of 1 part **Hind Emetop M** and 4 parts of cement has to be sprinkled and finished with steel trowel.

Broadcasting is to be done by hand and immediately the floor top should be smoothened 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. The Thickness of the hard top flooring varies from 3 to 6 mm over a substrate concrete of 35 to 45 mm.

### For Heavy duty floor

The substrate concrete on which **Hind Emetop M** is to be broadcast, should be at least M-20 grade, prepared with a low water-cement ratio, preferably admixed with a water reducing plasticizer like **Hind Plast Super RP**. After the bleed water has evaporated a mix of 1 part **Hind Emetop M** and 4 parts of cement 2 parts of 6mm down aggregate to be mixed with 0.45 w/c ratio has to be laid and finished with steel trowel.

Broadcasting is to be done by hand and immediately the floor top should be smoothened 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 for full use after 28 days. The thickness of hard top flooring varies from 10 to 12 mm to be laid over a substrate of 38 to 40 mm

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## PROPERTIES

Aspect	Metallic Grey granule
Moh's Hardness	9 1 (Steel score)
Water Absorption	5 to 6%
Absorption Resistance	1.5 (mean)
Coverage	
Light duty floor	330 gms per mm thickness of topping per M <sup>2</sup> .
Heavy duty floor	360 gms per mm thickness of topping 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°C (Min.) and 50°C (Max.)

## PACKING

40 kg. Bag. Should be stored in a dry place.

## HANDLING PRECAUTION

Hind Emetop M 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.

## IMPORTANT NOTICE :

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 behaviour 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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