



## HIND PLAST VMA (L)

### PRODUCT DATA SHEET

#### VISCOSITY MODIFYING ADMIXTURE FOR HIGH QUALITY CONCRETE

##### DESCRIPTION

**Hind Plast VMA (L)** is a ready to use organic liquid based viscosity modifying admixture (VMA) formulated to improve the stability, segregation resistance with enhanced viscosity and controlled rheological properties of concrete mixes. The use of **Hind Plast VMA (L)** improves the plastic properties of Self Consolidating Concrete (SCC), High Slump Concrete and also concrete mixes containing manufactured sand /or poorly graded aggregate. Its unique property to resist bleeding and segregation, facilitates concrete to be placed easily. **Hind Plast VMA (L)** is compatible with **Hind Plast Super HPC & Hind Plast Super SCA-** High range water reducing admixture based on Poly-carboxylic ether (PCE)

##### USES

**Hind Plast VMA (L)** is recommended for self compacting concrete (SCC), high flow-able concrete, pump-able concrete and concrete with high W/C ratios.

##### ADVANTAGES

- It possess outstanding anti-bleeding & anti-segregation properties.
- On its addition it does not effect the flow properties of concrete.
- Low dosage
- It mixes with concrete rapidly resulting fast action.
- Compatible with all types of admixture.

##### APPLICATION

**Hind Plast VMA (L)** is to be added to concrete after all ingredients have been batched and thoroughly mixed either it is in the Batching Plant, Laboratory trials or at jobsite. The placement of concrete can be done using the conventional method or by concrete pump. Placement of concrete produced with **Hind Plast VMA (L)** should be done continuously without any interruption. **Hind Plast VMA (L)** can also be dispensed during transit of freshly prepared concrete in Transit Mixer and mixing to be carried on for 5 minutes after its addition. The addition of **Hind Plast VMA (L)** is to be increased proportionately as the water content increases and reduced when the water content is lower. It is always advised to carry out trial mixes to ascertain the exact dosage to achieve the desired requirements.

##### PROPERTIES

Aspect	Opaque Liquid
Specific Gravity	1.02 $\pm$ 0.02
Chloride content	Nil
pH	6.0 to 9.0

## DOSAGE

The recommended dosage suggested ranges from **200 gms to 800 gms** by weight of cementitious material.

## SHELF LIFE

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 50<sup>0</sup> C (Max.)

## PACKING

200 Kg. Container or as required.

## HANDLING PRECAUTION

**Hind Plast VMA (L)** is non-toxic and ingestion is to be avoided. Any contact with the skin must be washed with water. 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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## HINDCON CHEMICALS LIMITED

(AN ISO 9001: 2015 COMPANY)

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