



HIND FLOOR FLC

PRODUCT DATA SHEET

THIN LAYER FLOOR LEVELLING COMPOUND

DESCRIPTION

Hind Floor FLC is a single component, polymer modified cement based levelling compound which is used by simply mixing with water.

USES

It is used as a thin layer floor levelling and scraping mortar over concrete floors prior to laying of carpet, vinyl, parquet, tiles, etc. It is also used for smoothening of concrete floor surface prior to application of waterproofing polymer coatings.

ADVANTAGES

- Easy to use only water to be added.
- Excellent adhesion to concrete surfaces.
- Can be applied over damp concrete.
- Thin layer applications are possible.
- It is compatible with almost all types of floor coverings.

APPLICATION

Substrate Preparation/Pre-treatment

The concrete surface to be properly cleaned and it should be sound and dry. It should be free from loose particles, curing compound membrane, waterproofing treatments, paints, floor coverings, oil, laitance, other containments, dirt and dust. Cement laitance to be removed from the concrete surface by sand blasting, wire brushing for total adhesion.

Priming

Priming the floor with **Hind Floor FLC** is recommended. Add enough quantity of **Hind Floor FLC** with clean water to obtain a thick slurry consistency which is applied with a brush or roller on the floor. **Hind Floor FLC** screed is applied when the primer is still tacky.

Mixing

Adequate quantity of clean water as required is taken in a container and **Hind Floor FLC** is added into the water slowly and continuously mixed with a slow speed electrical mixer (400-500rpm) fitted with a paddler for **3-4 minutes**, so that a uniform homogenous lump free consistency is achieved. The consistency can be adjusted by adding more powder or water as required.

Method of Application

The mixed material is poured over the prepared and primed floor surface while the primer is still tacky. If the primer gets dried up, re-application of primer coat is to be done to ensure maximum adhesion. Finally the compound is poured and trowelled to get the desired finish.

PROPERTIES

Aspect	Grey Powder
Mixing Ratio	Maximum 3.75 to 4 Litre clean water to be added to 25 Kg of Hind Floor FLC
Mixed Density	2.10 Kg/litre
Pot Life	15-30 mins which is depending on the prevailing temperature
Compressive Strength	>25N/mm ² in 28 days
Layer Thickness	2-5mm
Application Temperature	Minimum +5 ⁰ C to Maximum + 30 ⁰ C
Coverage /Consumption	4 m² per 25 Kg Bag for 3mm thickness approximately.

Note: Higher temperature shortens the curing & working time, lower temperature extends the durations. Ideal Temperature is 23⁰ C and 50⁰ C Relative Humidity.

SHELF LIFE

Best before **6 months** from the date of manufacture in unopened condition. Should be stored in a cool and dry place below +25⁰ C.

PACKING

Available in **25 Kg. HDPE Bag.**

HANDLING PRECAUTION

Hind Floor FLC 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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