

## **HIND EASY PLAST (I)**

### **PRODUCT DATA SHEET**

#### **READY MIX FIBER REINFORCED PLASTERING MORTAR FOR INTERNAL USE**

#### **DESCRIPTION**

**Hind Easy Plast (I)** is a ready to use premixed cement based mortar especially formulated for **internal plastering work**. It ensures consistence quality and is a mixture of graded inert fillers, binder and special additives. It is manufactured following the norms set by Indian Green Building Council (IGBC) making it to be a green product.

#### **USES**

**Hind Easy Plast (I)** is used for plastering on bricks, AAC blocks, concrete surface (walls) and patching of honey comb of concrete surface protecting it from sulphate and chloride attack thus improve the quality of plastering activity. It is used for smoothening of concrete surface prior to application of waterproofing polymer coatings. It is an ideal mortar for repairing of tie-rod holes used for fixing of shuttering.

#### **ADVANTAGES**

- Easy to use only water to be added and applied.
- It has unique consistency to make good quality **internal plaster**.
- Excellent bonding due to the accurate proportioning of ingredients to produce homogenous mixture.
- Increased coverage in the plaster area.
- Possess non-sagging properties, making it an ideal mixture for vertical plastering work.
- Reduces rebound loss resulting to less wastage during plastering.
- Excellent permeability resistance and waterproof plaster is obtained.
- Increased plasticity of the mortar reduces dry shrinkage cracks.
- Eco- friendly and improves labour productivity reducing cost.
- Can be applied manually or by plastering machine.

#### **APPLICATION**

##### **Mixing**

About **6-7 Ltrs.** of potable water for **40 Kg bag** of **Hind Easy Plast (I)** is poured into the mechanical mixer or plastering machine and **Hind Easy Plast (I)** is added slowly and continuously mixed, maintaining **water : powder ratio** ranging from **0.15 - 0.17** for 3-4 minutes, so that an uniform homogenous mix is obtained for application.

##### **Method of Application**

Prior to application of **Hind Easy Plast (I)**, it is to be ensured that the substrate is clean, free from oil, grease, algae, moss, paints and foreign materials, that creates hindrance for proper adhesion. The surface should be made wet thoroughly and **Hind Easy Plast (I)** is applied to achieve uniform thickness as per requirement and the surface levelled. **Hind Easy Plast (I)** to be used with **60 minutes** from the time water is added.

##### **Curing**

Water curing to be commenced after 12 hours of application and to be continued for **Seven (7)** days. Alternatively curing by using **Hind Cure WP/Hind Cure APB** curing compounds can be done.

##### **Coverage**

**40 Kg Bag** of **Hind Easy Plast (I)**, will cover **14-16 Sq.ft**, for a thickness ranging from **14 -15 mm**. However, the coverage depends on the nature of substrate.

## PROPERTIES

Aspect	Grey Powder
Mixed Density	1.7 Kg/lit as dry product
	1.9 Kg /lit when mixed with water.
Pot Life	60 minutes
Bond Strength to Concrete	> 2 N/mm <sup>2</sup> after 28 days
Thickness of application	15-16 mm
Application Temperature	+5 <sup>0</sup> C to + 45 <sup>0</sup> C
Full Curing at 23 <sup>0</sup> C	7 days
Filler	Specially graded silt free sand
Binder	Ordinary Portland Cement (53 Grade)
Other Additives	Accurately proportioned additives to improve workability, water reduction properties and adhesion strength.
Water Addition	About 6-7 litre /40Kg Bag.

**Note:** Higher temperature shortens the curing & working time , lower temperature extends the durations. Ideal Temperature is 23<sup>0</sup> C and Relative Humidity 50<sup>0</sup> C.

## 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 2<sup>0</sup> C (Min.) and 40<sup>0</sup> C (Max.)

## PACKING

Available in **40Kg.** HDPE Bag

## HANDLING PRECAUTION

**Hind Easy Plast (I)** is non-toxic and ingestion is to be avoided. 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.
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