



HIND WALL PUTTY

PRODUCT DATA SHEET

WATER RESISTANT PUTTY FOR INTERIOR AND EXTERIOR FLAKEFREE WALL

DESCRIPTION

Hind Wall Putty is versatile, water-resistant white cement based wall putty. It provides a solid base on concrete/mortar walls and ceilings. Due to the fineness of **Hind Wall Putty**, it seals all micro-pores on the walls and ceiling and ensures a smooth and dry surface for any type of paint application. It contains added polymers which enhances the adhesive property and provides a solid base ensuring extended life of the painted surface. The water resistant property of **Hind Wall Putty** protects the base from absorbing water and prevents the paint applied from flaking. It does not require any water curing and can be very effectively applied over fresh plastered walls resulting to savings in time and cost.

USES

Hind Wall Putty is used on the interior and exterior wall surface and ceiling, to protect the base from water absorption, hence making the base 100% waterproof before application paint. It improves the adhesion with concrete and a smooth surface is obtained for paint with higher coverage rate.

ADVANTAGES

- Provides an excellent bond with concrete walls, being a cementitious base material.
- Eco-friendly & Non-toxic. It does not contain lead or any harmful chemicals.
- Water curing is not required after application, hence it is cost effective.
- No primer is required to be applied on it before application of paint resulting to cost saving.
- Ensures a smooth finished surface with less consumption of paints.
- Can be applied on both exterior & interior walls & ceiling.
- All types of paints can be applied on it.
- Growth of Algae & fungi are prevented on the wall.
- Can be applied on old used surface after proper surface preparation.
- Can be applied over moist surface.

APPLICATION

Surface Preparation

Before application surface preparation is very important. Surface should be clean, free from loose particles, oil, grease or any other foreign materials. The substrate should be thoroughly cleaned by sand paper or wire brush.

Mixing

Add 50% water to **Hind Wall Putty** and mix with a mechanical mixer for 10-15 minutes to obtain a uniform paste. We recommend using a mechanical mixer to get better coverage. It is very essential and has to be ensured that water is added to **Hind Wall Putty** and not vice-versa. It is advised to mix required quantity of the material, so that it can be consumed within 2-3 hours of mixing water.

Preparation of Substrates before application

Before application of **Hind Wall Putty** the surface to be thoroughly pre-wetted and application done on wet surface to ensure effective adhesion, workability and more coverage on the surface.

After application of the 1st coat, the surface is allowed to dry for 3 hours and then the 2nd coat of putty is applied and made to dry completely for 10-12 hours. The total thickness of coats is to be limited to a maximum of 1.5 mm. Before application of paint/distemper it is to be assured that the surface is even and smooth. This is achieved by rubbing the putty applied surface with 500 No. sand paper. We recommend 2 (Two) coats of putty application to be done before applying paint.

PROPERTIES

Aspect	White Powder
Compressive Strength at 27°C at 28 days	>9.0 N/mm ² as per EN:196
Tensile Adhesion Strength at 27°C at 28 days	>1.0 N/mm ² as per EN:1348
Setting Time	Initial \geq 100 Final \leq 490
Water Absorption Co-efficient (kg/m ² ,H ^{1/2})	As per EN : 196
Water Retentivity (%)	< 1.0 as per DIN:52617
Water Capillary Absorption in 24 Hrs (ml)	>99 as per EN:196
	0.88 as per Karsten Tube Test

COVERAGE

2-3 Sq. Mtr/Kg/mm is achieved in 2 (two) coats on smooth and normal surface. However, cover area depends on the quality of the substrate.

SHELF LIFE

6 months from the date of manufacturing. Should be stored in a cool and dry place away from direct sunlight.

PACKING

Available in 40Kg. Polylined HDPE Bag or as required.

HANDLING PRECAUTION

Hind Wall Putty is non-toxic but ingestion is to 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.

HINDCON CHEMICALS LIMITED

(AN ISO 9001: 2015 COMPANY)

Office:

62B, Braunfeld Row, "VASUDHA", Kolkata - 700027

Tel: 24490839. Fax: 24490849

E-mail: contactus@hindcon.com, hindconchemicals@yahoo.com

Factory:

Baniyara, Jalan Complex, Gate No.3

Howrah – 711 411

www.hindcon.com