



# त्रिमूर्ति®

सुंदरता की पहचान

Premium Vermiculite

# ONE COAT GYPSUM PLASTER

SPECIFICATIONS



## About Trimurti One Coat Gypsum Plaster V+

Trimurti One Coat Plaster is a gypsum-based plaster suitable for hand application to most internal background such as Red bricks, AAC Block. Pre cost Wall & concrete surface walls. Trimurti One coat plaster is essentially made up of gypsum hemihydrate which is formulated with vermiculite additives to control its setting profile & Working.

A lightweight aggregate is also used to improve work ability & application.

It is a premixed single coat plaster that eliminate sand-Cement over P.O.P application.

## Technical Specifications

Dry Bulk Density	760 kg/m <sup>3</sup>
Wet Bulk Density	1035 kg/m <sup>3</sup>
Setting Time	20-22 mins
Compressive Strength	3-6 N/mm <sup>3</sup>
Applied Thickness	10-15 mm
Workability Time	Light Weight Plaster
Drying Time	72 Hrs.
Transverse Strength	40 kg/m <sup>3</sup>
Water to Material Ratio	1 : 1.5
Coverage	35-40 Sq. Ft/40Kg with 13mm Thickness
Shelf Life	12 Months From the Date of Manufacturing

## Features & Benefits



Single Coat Application



Easy Application



Save Plastering Time



No Water Curing Required



Extra Smooth Finish



No Shrinkage Cracks



Faster & Lighten Construction



Thermal Protection To The Building Structure



Cost Effective & Long Term Durability



Lower Impact On The Environment

## Chemical Composition

Calcium Sulphate hemihydrate



## Standard Compliance

IS 2547 (Part-I)-1976 for Chemical Characteristics

IS 2547 (Part-II)-1976 for Physical Characteristic



## Packaging

Available in **40 kg**



## Surface Preparation

- » Surface must be dry, clean free from any mould oil & other agents.
- » Apply clean water 5-10 Minutes prior to the plaster application to control the suction.
- » Pre-cast/concrete/having low suction will require pre-treatment with Trimurti Quick Bond.



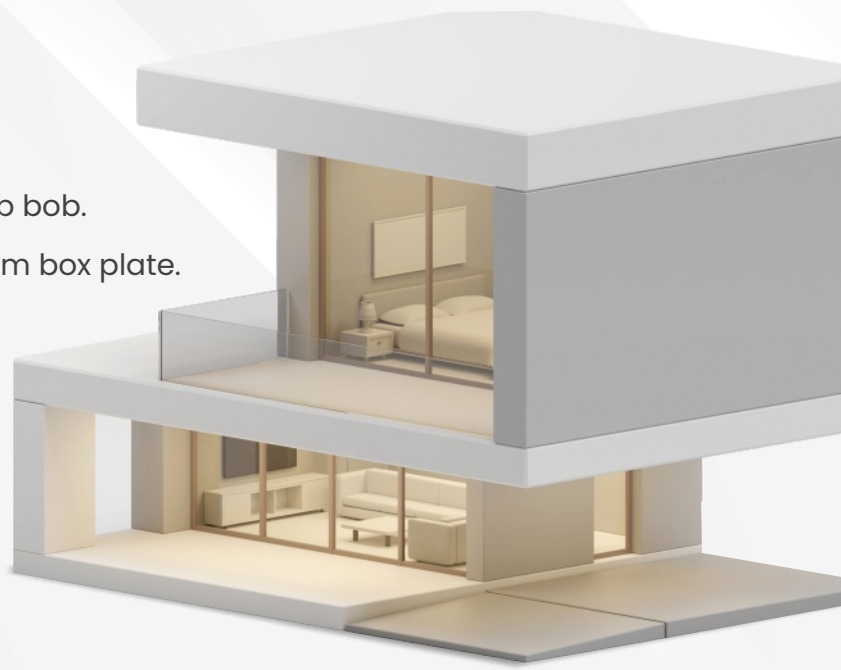
## Mixing

- » Trimurti One Coat Gypsum Plaster is premixed with expanded Vermiculite. Use clean water with a Plaster to prepare the mixture. Excessive Mechanical Mixing should be avoided. Water to plaster Ratio (1 part of water: 1.5 part of plaster weight).
- » Should be maintained to have a good cohesive Workable mix.



## Levelling

- » Find out the level mark by using a plumb bob.
- » Mark the level strip by using an aluminum box plate.







## Applications

01

Trimurti one coat of Gypsum Plaster should be applied with Firm pressure built out to the required thickness.

02

It can be applied to an average thickness range of 6- 15mm on AAC blocks/ Concrete / Fly ash bricks surfaces and up to 10 mm on the ceiling.

03

The thickness should not increase to more than 30 mm on the wall in the case of Red Bricks/ Mud Bricks.

04

After completing drying for usually 72 hrs. (Depending upon thickness & weather conditions) The Plain & Smooth surface is ready for paint.

## Health & Safety Precautions

- » First & Foremost Gypsum Plaster is not classified toxic or hazardous product. However, PPE (Personal Protective Equipment) such as masks, gloves, and goggles are suggested to use while the application.
- » Avoid contact with eyes or prolonged contact with skin. In case of contact, Kindly flush thoroughly with clean water immediately if the problem persists then consult a physician on priority.

## Trimurti Wall Care Products Pvt. Ltd.

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