



# त्रिमूर्ति®

सुंदरता की पहचान

# AAC BLOCK JOINING MORTAR

SPECIFICATIONS



## About Trimurti AAC Block Joining Mortar

Trimurti AAC Block Joining Mortar is a high-strength adhesive for quick and firm laying of AAC Blocks with thin joints plaster. It is made of Cement, Graded sand, and blended with polymeric additives which help to provide mechanical bonds and adhesion between the blocks and block to the surface.

## Technical Specifications

Bulk Density	1450-1550 Kg/m <sup>3</sup>
Tensile Adhesive Strength @28 Days	>1 Mpa
Compressive Strength @28 Days	6-7 N/mm <sup>2</sup>
Splitting Tensile Strength @28 Days	.75 N/mm <sup>2</sup>
Pot Life	1 hour at (21-27)°C
Water Powder Ratio	30% Water by weight
Self-Life	12 months
Applied Thickness	3 mm
Appearance	Grey Powder
Coverage	1 m <sup>3</sup> (35.31 ft <sup>3</sup> )/30 Kg
Useable Time Post Application	24 hours

## Features & Benefits



Flexible & Improve Workability



High Tensile Adhesive



Ready To Use



Self-Curing Mortar



Consistent Quality Material



No Shrinkage Cracks



Long Working Time



Economical



Easy To Use



Eco Friendly

## Chemical Composition

Cementation mortar modified with polymers  
(Ready mix Powder of graded sand, mineral binders & OPC cement)

## Standard Compliance

IS 2250 (1981): code of practice for Preparation & of masonry mortars.

ASTMC 1660-09



## Packaging

Available in **30 kg**



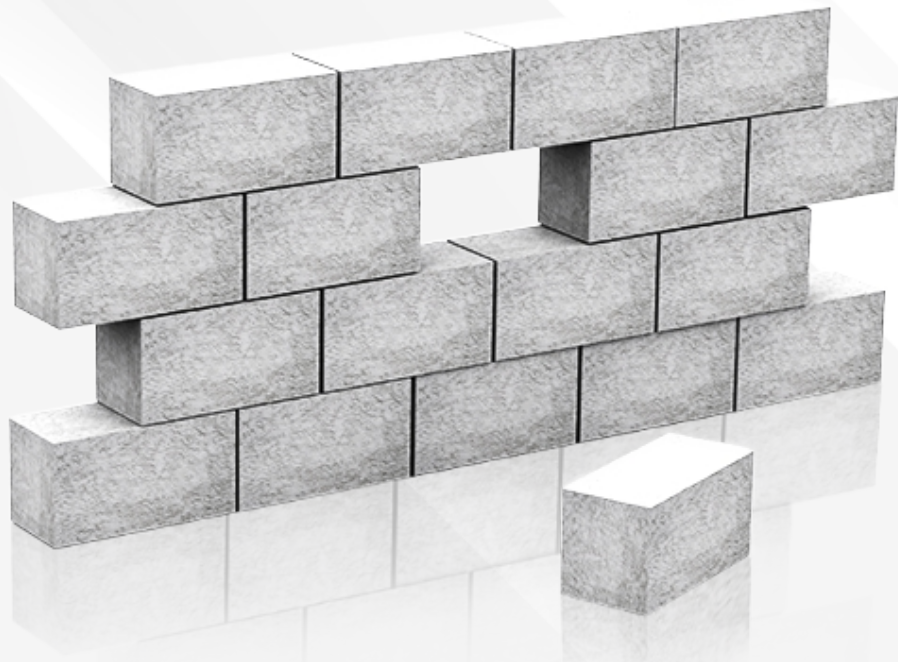
## Surface Preparation

- » Surface should be clean & free of all dirt, oil, grease, concrete sealer, or curing compounds.
- » The cleaning can be carried out with suitable methods like wire brush & water Jetting
- » All slabs must be in a plumb bob. Follow **ANSI Specification AN – 3.8 requirements.**



## Mixing

- » Trimurti AAC Blocks joining Mortar requires 30% of water by weight to the material.
- » Mix for 3 to 5 minutes by hand trowel or slow-speed mixing machine till a smooth thixotropic mix without lumps is obtained.
- » Do not attempt to extend the pot life by adding more water to the mixed mortar.





## Applications

- 01** It is recommended to apply Trimurti AAC Block Joining mortar with a notched trowel for attaining a uniform thickness of 3 mm consisting.
- 02** Apply notch trowel on the mortar and firmly place the block slight shear to ensure good transfer & bonding.
- 03** Block Joining mortar to be applied on the block on the column beam, and material to be applied on both for good bonding at the joints.
- 04** Use rubber hammers to have good contact between the blocks.
- 05** Go on placing the blocks with the above method to erect the wall.

## Health & Safety Precautions

- » Trimurti AAC Blocks Joining mortar is non-toxic. Use gloves and goggles recommended.
- » Any splashes to the skin or eyes should be washed off with clean water immediately.
- » If the problem persists then consult the physician priority

## Trimurti Wall Care Products Pvt. Ltd.

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