



**CONTECH<sup>®</sup>**  
**CHEMICALS**

# BLOCKSEAL

## LIGHT WEIGHT AAC - CLC BLOCK JOINTING MORTAR

### INTRODUCTION

In the construction of Masonry walls using precast blocks, a very thin jointing mortar of 3 to 5 mm is required between two blocks, instead of traditional 15 to 20 mm thick mortar.

Contech Chemicals have developed polymer modified adhesive **Blockseal** in powder form, that could be used even to a thickness of 3 mm. **Blockseal** provides a strong and durable bond between two blocks.

### WHERE USED?

Blockseal is used as a thin jointing mortar for fixing, laying and jointing AAC Blocks, Cement Blocks, Concrete Blocks, Hollow Blocks, Light weight Cellular Blocks, Fly Ash Bricks etc.

### FEATURES

- Single Component, requires only water to be added at site.
- Small quantity is required due to thinner joints, hence economical.
- High adhesive & Compressive strength.
- Does not require water curing.
- Dead Load of Masonry is reduced.
- No shrinkage of mortar.
- Fast setting & wall can be plastered on the next day.
- No wastage of material.
- Flexible & hence impact resistant.
- Eco friendly





## SURFACE PREPARATION

1. The Substrata must be structurally sound.
2. The surface should be clean, free of dust, paint & loose mortar.
3. Any defect in the block like holes, cracks, unevenness etc. must be repaired & made smooth before starting any construction work.

## MIXING & APPLICATION

Prewet the masonry blocks with water prior to start the construction of masonry work. Take required quantity of clean water in a vessel. Add sufficient quantity of Blockseal Powder in it. The quantity of water required is 25 to 30% of the weight of Blockseal powder. Thoroughly mix the Blockseal powder & water preferably with mechanical stirrer & prepare a workable lump free mortar. The Blockseal mortar is now ready for application.

Apply above prepared mortar of 3mm to 6mm thickness with a notched trowel on one side of masonry units. Place the next course of masonry units on evenly laid mortar. Apply Blockseal to a maximum 6 Blocks at a time. Remove excess mortar from the surface immediately once the construction of masonry work is completed.

## COVERAGE

It depends on the size of the blocks, quality of substrate & thickness of adhesive applied. Under normal condition the coverage of 40 kg Bag of Blockseal is approximately 9 to 11 Sq. Mtr. with an average mortar thickness of 3mm.

## TECHNICAL SPECIFICATION

1	Density	1.7 Kg / Ltr
2	Appearance	Free Flowing Powder
3	Colour	Grey
4	Pot Life	Approximately 1.5 to 2 Hours @ 27° C
5	Open Time	30 Minutes
6	Workability	Very Good
7	Tensile Strength	0.8N/ Sq.mm
8	Shear Strength	Approximately 12.0 KN
9	Curing	No Curing is required

## PACKING

40 Kg HDPE Laminated Bag

## PRECAUTION

Keep out of reach of children, wear suitable protective clothings, gloves, goggles to protect eyes. Care should be taken to avoid dust inhalation while mixing and handling powder. In case of contact with eyes or mouth, wash with plenty of water.



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