

# INSTA BOND - JOINTING MORTAR

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## DESCRIPTION

**Insta Bond — Jointing Mortar** is a pre packed blend of imported raw materials, cementitious polymer modified block jointing mortar. It is a versatile thin jointing material for laying AAC blocks, CLC Blocks, Fly Ash Bricks, Concrete blocks etc.

**Insta Bond — Jointing Mortar** is specially designed to provide strong durable bonding between the blocks with Insta adhesive strength. It replaces conventional cement & sand mix mortar of 20-25 mm thickness with highly versatile 3-5 mm thickness.

**Insta Bond — Jointing Mortar** contains finely graded sand which helps in laying an even, strong & thin layer of joint. This is not only cost-effective but also builds even wall as this improves the leveling of wall & the plaster thickness can be reduced. This further reduces thickness of putty application thus an all-round reduction of cost is achieved.

## ADVANTAGES

- Excellent bonding to the blocks/bricks.
- Consistent work quality.
- Thinner layer of application.
- Good workability easy to use at site.
- Plastering can be done after 24 hrs. of application.
- Prevents water percolation.
- Early setting no curing required.
- Can be applied by ordinary mason.
- Lesser shrinkage & seamless structure.
- Level laying & jointing of AAC blocks, CLC blocks, Fly ash bricks & concrete blocks etc.
- Jointing of concrete window & door frames, etc.

## INSTRUCTIONS FOR USE

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### SURFACE PREPARATION

The surface must be free of dust, void or any other coatings. Surface should be at normal temperature and slightly pre wetted before applying **Insta Bond — Jointing Mortar**.

### MIXING

Take 10 to 11 lt of clean portable water slowly & add 40 kgs. of **Insta Bond — Jointing Mortar** and stir continuously for 5 - 8 minutes by using an electric mixer or by hand to obtain homogeneous lumps free mix. Small quantities can be mixed manually too.

## APPLICATION

Mark openings such as doors, windows etc. on the wall to be constructed. Apply a thin layer of **Insta Bond — Jointing Mortar** to the thickness of 3 to 5 mm on the clean and leveled surface using proper trowel on which the block work is to be carried out Place the block on the laid jointing mortar in proper line and level. After placing the first block apply the jointing mortar of same thickness on both sides of the block continuously keeping a check on the line and level.

## CLEANING

**Insta Bond — Jointing Mortar** should be removed from tools, equipment and mixers with clean water immediately after use. Cured material can only be removed mechanically.

## PROPERTIES & SPECIFICATION

Appearance	: Free flowing grey powder	Drying
Time	: 24 hours	
Wet mix life	: 1 hour approx. at 30°C	Coverage
Per bag	: 50 sft approx. with 5 mm thickness	

## UNLOADING & STORAGE

Do not use hook for unloading or shifting of bags. Material shall be unloaded on uniform level surface platform above ground level with proper stacking in countable manner. It shall be stored in covered dry place. Keep the bags in original sealed form & use the opened bags immediately. In case of any season it shall be covered by tarpaulin/polythene sheet to protect the bags from dampness/humidity from the atmosphere.

## SHELF LIFE

It has a shelf life of 6 months, considering tropical condition & if properly stored in its original bags as per the storage conditions specified.

## PACKING

40 Kgs bag or pack size of clients choice for bulk orders.

## HEALTH & SAFETY PROCEDURES

**Insta Bond — Jointing Mortar** is non-toxic & non-flammable. Wear safety glasses, dust mask & gloves. If skin/eye contact occurs wash/rinse thoroughly with clean water and seek medical help. If swallowed, do not induce vomiting, seek medical advice immediately.