



## Arcolite Plus Block Jointing Mortar

Arcolite Plus Block Jointing Mortar is a superior water resistant cement based mortar joint especially formulated for joining Arcolite AAC Blocks etc. It contains selected graded dry sand, grey cement and imported & modified polymers that make the joints stronger and smoother. Its Super bond Technology further improves workability, water retention, durability and strong adhesions to surfaces. It is also more resistant to corrosive environment than traditional Jointing Mortars.

### Key Features

 **Stronger Adhesion**

 **No Water Percolation**

 **Consistent in Quality**

 **No Curing Required & Superbond Technology**

## Arcolite Plus Block Jointing Mortar

- 1 High Strength:** It's superbond technology and use of selected graded ingredients makes the Adhesion stronger to surface.
- 2 Faster Construction:** No curing time is required and hence making the construction faster than conventional mortar.
- 3 Reduces Wastage:** It has excellent workability compared to conventional mortar.
- 4 Economical:** It's ease of application saves time and cost.
- 5 No water Percolation:** due to it's thinner joints and materials used no pores and formed to let water pass.
- 6 No heat loss:** Due to 3mm thin joints and the ingredients used, it doesn't let heat loss through joints
- 7 Superbond Technology:** It contains selected graded ingredients and imported & modified polymers for stronger adhesion and smoother finish.

Arcolite Plus Block Jointing Mortar by virtue of its Superbond Technology ensures in laying strong and thin layer of joint. It is not only cost – effective, but also makes the walls even by improving the leveling of the walls and reducing the thickness of the plaster.



### Application Areas:

- Laying & Joining of Arcolite AAC Blocks.
- Joining of Concrete Windows and Door Frames etc.

Technical Specifications*		
Parameters	Test Method	Specification
Appearance	Visual	Free Flowing Powder
Color	Visual	Grayer
Open Time	EN 1346	10-15 min
Mixing Ratio	By Volume	3:1(Powder to Water)
Pot Life	In-House	>90 min @ 27 deg C
Self Curing	-	Yes, No Water curing required
Hard Dry	-	24 hrs
Tensile Adhesion(28 Days)	DIN EN 1015-12	>0.5 N/mm <sup>2</sup>
Compressive Strength(28 Days)	DIN EN 1015-11	➤ 12 Mpa

## **Surface Preparation and Precaution:-**

- Masonry Surface should be clean, without dust and voids. Pre-wet the blocks prior to the application of Arcolite Plus Jointing Mortar
- Arcolite Plus Block Jointing Mortar contains only eco-friendly, fillers and additives. However, being sand and cement based it is alkaline and hence it is advisable to avoid direct eye and skin contact with this. In case of eye contact, wash with clean water at least for 15 minutes and seek medical help.
- Always add Arcolite Plus Block Jointing Mortar to water and not water to Arcolite Plus Block Jointing Mortar during mixing.

## **Packaging & Storage:**

- Arcolite Plus Block Jointing Mortar is available in 40 Kg bag and has a shelf life of 6 months subject to proper storage in cool dry place.
- As temperature, humidity and other parameters vary from site to site. The above information should be treated as a general guideline.

## **Water Demand:**

- Depending upon the substrate and climate approx. 10 to 12 litre of water for 40 Kg bag. For concrete blocks, wet mortar should have less water to form 2 to 3 mm bed of Arcolite Plus Block Jointing Mortar.

## **Coverage:**

- Coverage of Arcolite Plus Block Jointing Mortar is approx. 120 to 140 sq.ft. of block size 600x200x100mm in 40 kg bag. The coverage area however will depend upon the quality and evenness of the substrate, thickness of joints.