BOND FASTER. HOLD STRONGER. LAST LONGER

LAKSHMI CONCHEM INDUSTRIES

SUPERIOR BUILDING MATERIALS

PREMIUM POLYMER MODIFIED



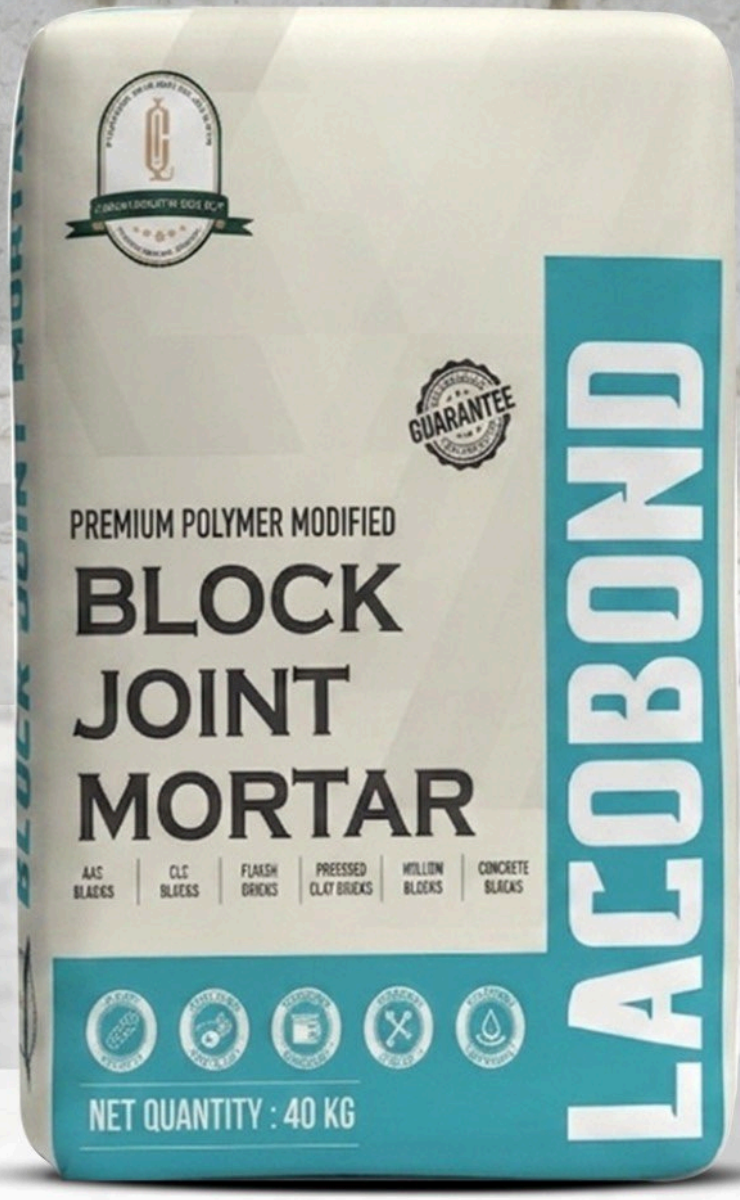
HIGH BONDING STRENGTH



ZERO WASTAGE



MULTI-BLOCK USE



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LACOBOND

Product Description

LacoBond is an advanced masonry adhesive engineered for fixing AAC blocks and other masonry units. Developed using high-quality cement, selected fine sand, and performance-enhancing polymers, it delivers strong adhesion, enhanced durability, and reliable, long-term bonding without the need for curing.

Key Features

- Self-curing formulation – no external water curing required after application
- Ready-to-use mix – just add water as per recommended ratio
  Extended working time allows efficient usage with minimal material loss
- Delivers strong adhesion between blocks and cement-based surfaces
- Smooth and easy application for faster masonry work
- Cost-effective solution with better material efficiency
- Factory-controlled consistency ensures uniform quality
- Supports routine site operations like cutting, chiseling, and electrical work
- Enables faster wall construction – complete walls achievable within 2–3 days (based on thickness)

Recommended Use
Suitable for fixing AAC, CLC, hollow blocks, concrete blocks, and bricks in masonry construction.

Technical data as per relevant IS and ASTM standards	
Property	Specification (Standard Range)
Appearance	Grey Powder
Bulk Density	1.45 - 1.60 (g/cc)
Water Powder Ratio	25 % (by weight)
Pot Life	60 minutes
Open Time	5 - 15 (minutes)
Compressive Strength (28 Days)	> 6mpa
Splitting Tensile Strength	0.4 - 0.5 mpa

Directions for Use (Surface Preparation)

- Lightly dampen blocks before application; surface should be moist but not wet
- Ensure surfaces are clean and free from dust, oil, grease, and loose particles
- Substrate must be level, strong, and free from cracks or voids
- Proper surface preparation is essential for achieving maximum bond strength

COMPATIBLE

Engineered for various substrate types.

Substrate		Joint Thickness	Coverage in sqft / 40 kg Bag
AAC BLOCK	4"	4 mm	80 - 82
	6"	4 mm	53 - 55
	8"	4 mm	40 - 42
	9"	4 mm	35 - 37
Solid Block	4"	10 mm	35 - 40
	6"	10 mm	20 - 25
	8"	10 mm	19 - 20
Laterite Block	6"	10 mm	30 -32
Fly Ash Bricks		10 mm	14 - 15
Red Bricks		10 mm	13 - 14

Application Method

- Apply the prepared adhesive evenly on the block surface using a trowel
- Use a notch trowel to ensure uniform thickness and proper coverage
- Place the block firmly with slight pressure/movement to achieve strong bonding
- Apply adhesive on both contact surfaces (block and substrate) for best results
- Use a rubber mallet to align and ensure proper contact between blocks
- Continue the process to complete the wall construction

Pack Size: 40 kg bag

Important Notes

- Minimum recommended thickness: 4 mm to handle surface unevenness and ensure proper bonding
- Use of notch trowel is advised for consistent application
- Plastering can typically be done after 7 days
  Chiseling, cutting, and electrical work can be carried out after 14 days
- Avoid excessive rubbing on thin applied layers to prevent surface powdering

Consumption

- Approx. 7 – 7.5 kg per sqm at 4 mm thickness
- Actual consumption may vary based on block surface and level differences

Health & Safety: LacoBond is non-toxic. Use of gloves and goggles is recommended. Any splashes to the skin or eyes should be washed off with clean water. In the event of prolonged irritation, medical advice should be sought. Weber components are non flammable.

Note: Pot life, open time and adjustability time varies depending on the service conditions viz temperature, humidity and wind factor.

Note: These test values were obtained during our laboratory tests. Site mixes may show slight differences in performance due to methods of applications.

Disclaimer: Information on this datasheet is to be treated as guideline for usage. Users are advised to undertake a trial for product suitability prior to it's full scale usage. There is no express or implied guaranty/warranty for the results. The company is not liable for any consequential damages.

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