



TECHNICAL DATA SHEET

ARKA BLOCKFIX- BLOCK JOINTING MORTAR

Description

ARKA BLOCKFIX is a high-performance, polymer-modified cement-based block jointing mortar specially developed for the rapid laying of AAC blocks, CLC blocks, fly ash bricks, and concrete blocks. It is designed to replace conventional cement-sand mortar by providing superior bond strength, reduced material consumption, and faster construction. The thin-bed application minimizes shrinkage, improves wall alignment, and delivers durable, crack-resistant masonry with excellent workability for residential, commercial, and industrial construction projects.

Areas of Application

- AAC (Autoclaved Aerated Concrete) block masonry
- CLC (Cellular Lightweight Concrete) block masonry
- Fly ash brick construction
- Concrete block masonry
- Internal and external partition & load-bearing walls

Technical Parameters

Sr.No	Particulars of Test	Result
1	Compressive Strength	
	(in N/mm ²)	
	a) 3 days	6.8
	b) 7 days	8.65
2	Open Time (min)	60
3	Pot Life (min)	80

Surface Preparation

- Ensure block surfaces are clean, sound, and free from dust, loose particles, oil, grease, curing compounds, or any contaminants.
- Remove any weak or damaged portions before application.
- Dampen highly absorbent blocks with clean water before laying, avoiding excess water or standing moisture.
- Check that the foundation or base course is level, firm, and properly aligned.
- Use only sound, dimensionally accurate blocks for best performance.

Application Method

- Mix ARKA BLOCKFIX with approximately 8.8–9.6 litres of clean water per 40 kg bag until a smooth, lump-free consistency is achieved.
- Allow the mix to stand for 3–5 minutes, then remix before use.
- Apply the mortar using a notched trowel to achieve a 2–3 mm thick uniform mortar bed.
- Position the block firmly over the mortar and tap gently with a rubber mallet to ensure full contact and proper alignment.
- Remove excess mortar immediately and continue laying subsequent blocks while maintaining uniform joint thickness.
- Protect newly constructed masonry from direct sunlight, heavy rain, and mechanical disturbance until adequately cured.

Supply

40 KG Bag



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