



Series: FB3M0009
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Supersedes all earlier TDS

FIXOBLOCK

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ULTRATECH

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Description

UltraTech **FIXOBLOCK** is a versatile thin jointing material for thin bed applications. This mortar is specially designed to provide stronger, durable bonding between the blocks with optimum adhesive strength.

Specification

Technical parameters complies with ASTM C 1660-09

Features & Benefits

- Uniform and consistent quality
- High tensile adhesion for good bonding strength
- No shrinkage cracks at joints
- No curing required post application
- Replacement for conventional cement and sand mortar
- Thin bed joints and less material consumption
- Ready for subsequent application in 24 hours
- **Economical:**
 - Save substantial cost compared to conventional mortar
 - Saves time- eliminates lengthy and cumbersome process of site mixing

Areas of Application

It is recommended for masonry wall preparation by joining all types of Autoclave Aerated Concrete (AAC) blocks, flyash bricks.

METHOD OF APPLICATION

Surface Preparation



- Prepare the surfaces before the UltraTech **FIXOBLOCK** application by removing oil, bond inhibiting agents, dirt, dust and laitance
- The cleaning can be carried out with suitable methods like by using wire brush, water jetting, mopping, etc.
- Wet the blocks, bricks, concrete blocks before application of UltraTech **FIXOBLOCK** to avoid any abrupt absorption of water from the material

Mixing



- UltraTech **FIXOBLOCK** requires 25% of water by weight of material
- Mix UltraTech **FIXOBLOCK** to the measured quantity of water using mechanical stirring for 2-3 minutes to ensure a consistency free of lumps

Application



- It is recommended to apply UltraTech **FIXOBLOCK** with notch trowels for attaining uniform thickness of 3 mm consistently
- Avoid using UltraTech **FIXOBLOCK** in watery consistency (slurry form) to avoid generation of air pockets between the AAC Blocks and development of cracks

TECHNICAL DATA AS PER RELEVANT IS AND ASTM STANDARDS

Bulk density	1450-1550 Kg/m ³
Water powder ratio	25% by weight
Pot life	1 hour @ 27°C
Usable time post application	24 hours
Tensile Adhesion Strength @ 28 Days - EN 1348	0.8 N/mm
Splitting tensile strength @ 28 Days - AST MC 1660-09	0.75 N/mm ²
Compressive strength @ 28 Days	6-7 N/mm ²

Coverage Table: @ 3 mm Thickness

Length	Block Size (mm)		Wall Area Coverage (Sq. ft./ 40 kg bag)
	Height	Thickness	
600	200	75	210-230
600	200	100	160-180
600	200	125	140-160
600	200	150	120-140
600	200	175	90-110
600	200	200	70-90
600	200	230	60-80
600	200	300	50-70

Note

The technical data provided in this technical data sheet is as per our internal lab testing and may vary as per the actual method of application at sites.

Consult UltraTech Building Products Division Technical Services Cell for any further technical assistance.

Packaging

40 Kg bags.

Shelf Life

UltraTech **FIXOBLOCK** has a shelf life of 12 months from the date of manufacture. Store at cool and dry place.

Safety Directions

UltraTech **FIXOBLOCK** is non-toxic. Use of gloves and goggles recommended. Any splashes to the skin or eyes should be washed off with clean water immediately.

In case of prolonged irritation, medical advice should be sought. UltraTech **FIXOBLOCK** is non-flammable.

DISCLAIMER

Information provided on this data sheet is the guideline for usage. Users are advised to undertake a trial for product suitability prior to its full scale usage. There is no implied guaranty/warranty for the results and the company is not liable for any consequential damages.



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