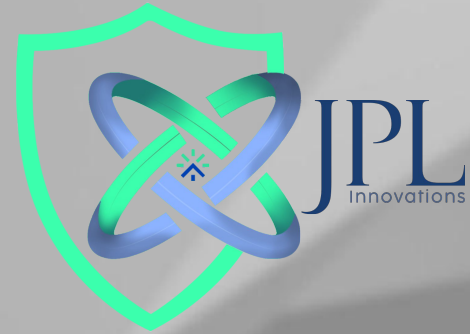


Terrashield Bond: Super Polymerized Adhesive



JPL Innovations. Pvt. Ltd.

[Jplinnovations.com](http://jplinnovations.com)



Terrashield Bond

Super Polymerized Adhesive for AAC Block Construction



Manufactured by

JPL Innovations Pvt. Ltd.
Works: Shivwadi Rajasthan
Head Office: New Delhi

in

M.S.P. No.

Mfg. Date

Batch No.



**TERRASHIELD
BOND**
AAC Block Mortar



Application Procedure:

- Apply a uniform thickness of 10mm Terrashield Bond on both the vertical and horizontal joints of AAC blocks.
- After the first coat is applied, apply the second coat to the remaining joints.
- Wait for 24 hours before construction work begins.

Benefits:

- Fast Time Bond
- Easy to Use
- Excellent Adhesion
- High Strength
- Long Life Span
- Suitable for all types of AAC blocks

Coverage:

• 1kg of product covers 1.50 sq.m of vertical joint per 100mm thick AAC block.

For Details visit: www.jpl.com

20kg



Terrashield Bond - Provides a seamless (almost marble like finish) and applied upto 2mm thickness

1. Apply a minimum thickness of 1 mm Terrashield Bond on both sides of the brick and over the base using a comb blade.
2. Paste the bricks one over the other and allow to dry.
3. Wall can be erected continuously up to a height of 3 mtrs.

Technical Advantages

1. **Superior Adhesion** - Bonds AAC blocks with high tensile strength, preventing debonding
2. **Water-Repellent** - Minimizes seepage through joinery and conduit gaps
3. **Crack-Resistant Bonding** - Acts as a flexible interface, absorbing minor lateral movement
4. **Extended Open Time** - Slow drying formula (up to 2 hours) allows more working time on-site
5. **Ready-to-Use Paste** - No on-site mixing, ensures consistency and minimal wastage
6. **Exterior Grade** - Withstands weather conditions for both internal and external use



NABL Test Results

Carried out as per
ASTM Standards by
SriRam and Eurofin
Labs

- Class 1 or A Fire Retardant Surface rating
 - 1.1 MPA Compressive Strength
 - 1.9 MPA Tensile Strength
 - 1.9 MPA Flexural Strength
 - 16.4% Absorption after submerged for 24hrs.
 - 1.0 MPA Pull of Strength
-

Application Procedure

1. Apply a 1 mm thick coat of Terrashield Bond using a notched trowel or comb blade on both AAC block surfaces and the base
2. Paste the blocks together using the standard bricklaying technique
3. Continue laying blocks up to a height of 3 meters at a time
4. Clean excess material and ensure vertical/horizontal alignment using an aluminum plumb.

Pro Tip: For Extra Strength, affix conduits with Terrashield Bond instead of cement mortar.



APPLICATION UTILITY AREAS



Ideal for:

- Primary AAC block construction in residential, commercial, and industrial sites
- Block jointing in high-humidity zones (kitchens, washrooms, exteriors)
- Replacing conventional mortar to reduce wall thickness and material waste
- Pointing and minor crack repairs in block joints (when mixed with AAC grit)

Recommended On:

- AAC Block to AAC Block adhesion
- AAC Block to RCC columns or slabs
- Conduit placement within blockwork
- Filling fine gaps and voids using AAC pebble mix
- Along with AAC Blocks, FLYASH Bricks must sandwich mesh between two layers of Terrashield Plaster

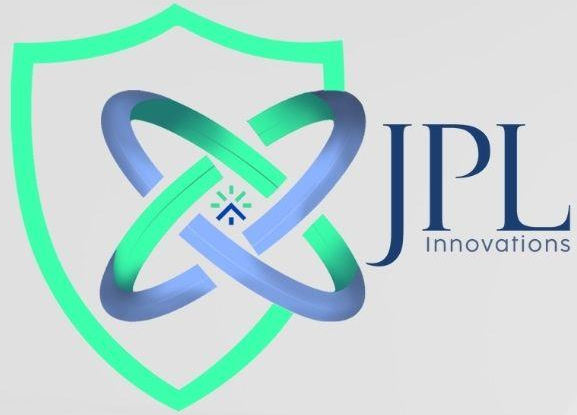
Note:

- The material is to be applied to a thickness of 1mm on the surface.
- If applied thick Terrashield Bond - super polymerized bond may ooze out from the sites.



Coverage

DESCRIPTION	COATS
AAC Block 600mm x 200mm x 100mm	64 sq. ft.
AAC Block 600mm x 200mm x 150mm	45 sq. ft.
AAC Block 600mm x 200mm x 200mm	32 sq. ft.



... Still Have Questions?

We're here to help. Contact our technical team for live demonstrations, custom training, or product support.

✉ Email us at: projects@jplindia.com |

🌐 Visit: jplinnovations.com | 📞 Call us at: +91 9650060448, +911147077520

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