



GripON Block Adhesive is thin bed high strength, premixed, quality assured mortar comprising of Ordinary Portland Cement, specially graded sand and Polymers. It is specially formulated and easily applied giving a better bonding with AAC Blocks, Hollow Blocks, Flyash Bricks. etc.

BLOCK ADHESIVE



Packaging Size: 40 / 20Kg Bag

Areas of Application

- To join fly ash bricks, cement block, hollow blocks, AAC block etc
- Joining of concrete windows and doorframes etc.
- Cellular concrete blocks

Important Features & Advantage

- Pre-mixed high quality ready to use, only need to add water at site
- High water retention capability,
- High bonding strength due to polymer modification of mortar.
- No water curing is required after construction of wall
- Thin joint application prevent shrinkage cracks
- Due to pre - mixed its save times for lengthy process like mixing materials transport and separate inventory of material.
- Plastering can be done after 24 hrs. of application

Surface Preparation

- Pre- Wet the Block before Applying GripON Block Adhesive
- The block, brick should be Clean Free from dust, voids, oil and grease etc.
- Ensure that the surface is flat, structurally strong and free from any other contamination which could reduce the bond strength.

Mixing

- Take the required quantity of water in a clean bucket; add GripON Block Adhesive.
- Mix the product with water in the ratio of approximately 1:3.
- Always add powder into Water.
- Mixing can be done manually or by stirrer continuously for 5 - 10 minutes to obtain a homogeneous lump free Mix Mortar.
- After proper mixing, leave the paste for 5-10 minutes for polymeric dispersion before application
- Use this paste within 90 Min.

Method of Application

- Make levelling of first layer perfectly
- Apply GripON Block Adhesive uniformly on the surface with a notched trowel
- Apply vertical face and horizontal joint of each block with 3 to 4 mm thickness
- Ensure that proper contact between two block
- Clean the excess materials
- Always check the wall with plum bob while laying the blocks to keep the wall vertical

Packaging - GripON Block Adhesive is Available in 40 / 20kg HDPE Bags.

Consumption

| Block Size | Coverage per 40 Kg Bag |
|------------|------------------------|
| 100 mm | 150 to 160 sqft. |
| 125 mm | 125 to 135 sqft. |
| 150 mm | 110 to 120 sqft. |
| 200 mm | 80 to 90 sqft. |

Shelf Life - Shelf Life of Sealed Bag is 12 months from date of Manufacturing

Technical Information

| | |
|---------------------------|---|
| Appearance | Free flow Grey Powder |
| Density of Powder | 1.5 to 1.6 gm/cc |
| Pot Life of Paste | 80 to 90 Minutes |
| Open Time | 20 Minutes |
| Tensile Adhesion Strength | ≥ 0.40 Mpa on AAC Block after 28 days as per ASTM C 1660-09 |
| Compressive Tests | @ 28 days ≥ 7 Mpa as per IS 2250 |

Storage – GripON Block Adhesive should be store in Cool & Dry Place.

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