

# ACEBLOCK Premium



## A premium Block fixing mortar



ACEBLOCK Premium is a high quality block fixing mortar designed to provide superior chemical anchoring between porous bricks. It is a specially formulated cementitious ready-mix adhesive to be mixed with water at site and used as thin bed adhesive for bonding light weight, aerated and all kind of building blocks. It can also be used to fix the tiles on wall made with similar blocks.

### ADVANTAGES:

- Single component, just mix with water at site before use
- Self curing, Smooth and creamy consistency
- High flexibility and bond strength to withstand shock and impact force
- Dual purpose, can be used to construct the brick walls as well as fix tiles on those brick walls

### APPLICATIONS:

Interior and exterior brick wall construction, levelling and tiling

### SUITABLE SUBSTRATES:

- Bricks, Aerated blocks and walls made with them

**AVAILABLE PACK SIZE:**

Available in 30 kg bags in grey colour

**SHELF LIFE:**

12 months if stored in cool and dry area in unopened bag. Shelf life is calculated from the month of manufacturing of the product.

**STORAGE AND HANDLING:**

Store in cool and dry area in unopened original bag.

**SURFACE PREPARATION:**

Surfaces must be structurally strong. Remove all grease, oil, dirt, curing compounds, sealers or any other contaminant that would prevent good bonding. Glossy, lime washed or painted surfaces must be sanded, or abraded, and stripped off all contaminants. Roughen the surface by sanding or abrading, then rinse and allow to dry. Expansion joints should never be bridged with setting material. Surface temperature should be maintained above 10° C or below 38° C to achieve proper bonding. For questions about proper installation, call Technical Services executives on +91 963 260 5577.

**MIXING PROCEDURE:**

Use required amount of water or approximately 7.5 – 8.5 litre of water for 30 kg powder. Take liquid in a big clean pail and pour powder slowly to the pail under slow mixing. Mix by hand or use a low speed drill mixer (150 – 200 rpm speed) to achieve a smooth, paste-like consistency. Let the homogeneously mixed material slake or stand 5 - 10 minutes, stir again and use. Stir occasionally, but do not add more water.

**APPLICATION PROCEDURE:**

Use a required size notch trowel to ensure proper coverage under blocks. Using the flat side of the trowel, apply a skim coat of mortar to the surface. With the help of properly notched or teeth side of the trowel held at a 45° angle, apply additional mortar to the surface, combing in one direction. Place and adjust the block firmly into place in a motion across ridges, moving back and forth. The perpendicular motion flattens ridges and closes valleys, allowing maximum coverage. With some blocks, pre-wetting is advisable. Adjust the blocks promptly and beat it in with a beating hammer and rubber mallet. Periodically pull up a block and check the back to ensure proper adhesive coverage. If the material has skinned over, recomb with the notch trowel. If too dry, remove and replace the dry material with fresh material. Material in the bucket will remain workable for approximately 3- 4 hours.

**PROTECTION OF JOB SITE:**

Curing time is affected by ambient, surface temperatures and humidity. Generally, within 24 hrs, it will cure completely and allows you to plaster the surface or tiling.

**CAUTION:**

- Store in cool and dry place.
- High humidity or moisture will affect the product.
- Once bag is opened, then finish it off without keeping for long time.
- This product contains Portland cement and free silica. Avoid eye contact or prolonged contact with skin.
- Wash thoroughly after handling. If eye contact occurs, flush with water for 15 minutes and consult a physician.
- Do not breathe dust; wear PPE whenever necessary

**TECHNICAL DATA:**

Mixing ratio	7.5 to 8.5 ltr for 30 kg powder
Open time	Approx 15 min
Adjustment time	Approx 15 min
Pot life	Approx 4 hrs
Shear bond strength	Minimum 250 PSI (1.72 N/mm <sup>2</sup> )
Compressive strength	Minimum 2200 PSI (15.17 N/mm <sup>2</sup> )
Duration for light load	6 hrs
Duration for normal load	24 hrs
Duration for heavy load	72 hrs
Duration for plastering or tiling	24 hrs

Values may change without prior notification and may not reflect immediately on TDS. Values shown in the table depends on laboratory condition and test procedure used. Actual performance may vary at site depending on site condition and method of installation used. Company is not liable if failed to produce mentioned result in the site.

**EASY MAINTENANCE:**

Properly installed product requires no special maintenance.

**WARRANTY:**

Acrete Adhesions India Pvt Limited warrants to the original purchaser that its product shall be free from defects in material for a period of one year from the manufacturing of the product. Our sole liability under this warranty shall be limited to the replacement of our purchased product if proved defective under normal handling as stated in the TDS. This warranty will not extend to any other product or items which were handled along with our product. This warranty or any other legal issues or claims are subject to Mangalore jurisdiction only.

**CUSTOMER SERVICE:**

For any query related to product availability, cost, coverage, applicators, installation instructions, problems and trouble shooting, contact customer service executive on our 24 X 7 customer help line +91 963 260 5577 or write email to [customercare@acebond.in](mailto:customercare@acebond.in)

For product or other information, please write us to [info@acebond.in](mailto:info@acebond.in)

Visit us at [www.acebond.in](http://www.acebond.in)

**DECLARATION:**

The information and recommendations contained herein are based upon data believed to be correct; however, no guarantee or warranty of any kind expressed or implied is made with respect to the information provided since conditions of use, method of application and surface preparation at site are beyond our control. All legal issues are subject to Mangalore jurisdiction only.

**NB: Technology may change with time necessitating changes to this Technical Data Sheet (TDS). It is the responsibility of the user to ensure that the latest TDS is being used.**