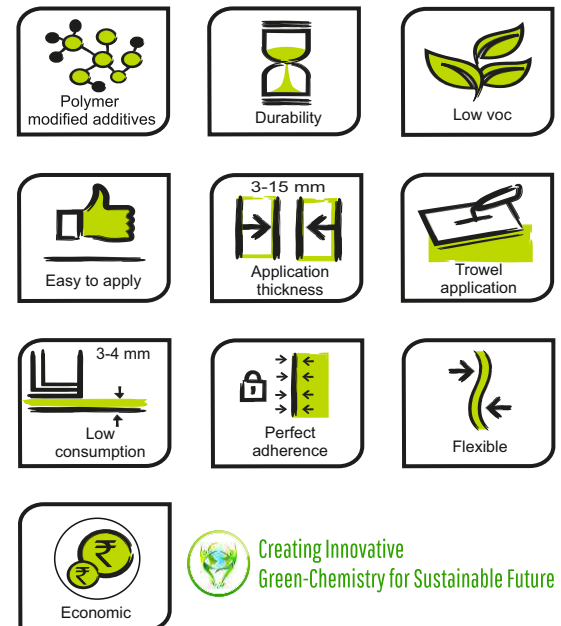




### ACEBLOCK Premium

*A premium Block fixing mortar*



### PRODUCT DESCRIPTION

ACEBLOCK Premium is a high quality, polymer modified 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

- › Efflorescence resistance brick fixing mortar
- › 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

### SUITABLE SUBSTRATES

Bricks, Aerated blocks and walls made with them.

### APPLICATIONS

Interior and exterior brick wall construction, levelling and tiling.

### STORAGE AND HANDLING

Store in cool and dry area in unopened original bag.

### EASY MAINTENANCE

Properly installed product requires no special maintenance.

### AVAILABLE PACK SIZE

Available in 40 kg bags in grey colour.



### SHELF LIFE



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

### TECHNICAL DATA

|                                   |                                           |
|-----------------------------------|-------------------------------------------|
| Mixing ratio                      | 9 to 10 ltr for 40kg 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 730 PSI (5 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.

### METHOD OF INSTALLATION

#### Mixing



Add powder slowly to the required amount of water

#### Check Consistency



Mix with slow speed stirrer until get required consistency

#### Slake Time



Allow the mix to stand for 2-3 mins for the paste to mature

#### Remix



Remix the mortar

#### Surface Preparation



Ensure that the block surface is hard & rigid, free from voids and

#### No Prewetting



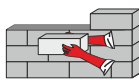
No prewetting of block is necessary when using Aceblock Premium

#### Mortar Application



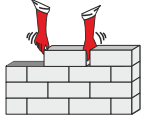
Apply mixed mortar over the block surface by using trowel, spread mortar uniformly on the block

#### Block Fixing



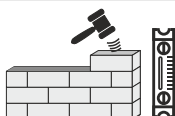
Firmly place the block over applied mortar

#### Transfer and Bonding



Adjust the block with slight shear to ensure good transfer and bonding

#### Leveling

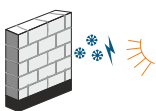


Beat with wooden/rubber beaten block and adjust the level

#### No Water Curing



#### Allow To Self-cure



### APPLICATION GUIDANCE

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.

Use required amount of water or approximately 9 to 10 litre of water for 40 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.

Use a required size notch trowel to ensure proper coverage under blocks. Ideally 3mm – 10mm thickness is enough for levelled blocks for horizontal and vertical joints. 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.

### COVERAGE

| COVERAGE CHART |                        |
|----------------|------------------------|
| Thickness      | Coverage for 40kg bags |
| 2 mm           | 250 Sq.ft              |
| 3 mm           | 165 Sq.ft              |
| 4 mm           | 125 Sq.ft              |
| 5 mm           | 100 Sq.ft              |
| 6 mm           | 82 Sq.ft               |

### PROTECTION OF JOB SITE AND TIME TO CARE

Curing time is affected by ambient, surface temperatures and humidity. Generally, within **24** 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.

### CUSTOMER SERVICE

For any query related to product availability, cost, coverage, applicators, installation instructions, problems and trouble shooting, contact customer service executive on our  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)

### WARRANTY

Acecrete 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 Kundapura jurisdiction only.

#### 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, application method and surface preparation at site are beyond our control. All legal issues are subject to Kundapura 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.*

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