

## **ACEFIX 2 in 1**



*High Performance  
Plaster cum Tile  
fixing adhesive*



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### **PRODUCT DESCRIPTION:**

An excellent, superior quality, water resistance plaster cum tile and stone setting adhesive with additional working time, exceptional flexibility and high bond strength. It is prepared with a unique blend of carefully selected superior grade polymers and ingredients, premium cement and treated aggregates. It eliminates prior plastering to the undulated wall or floor surface of up to 15 mm undulation and increases installation time. It is a smooth, flexible adhesive that provides excellent wet-out on the back of the floor tiles and eliminate the voids.

### **ADVANTAGES:**

- Excellent quality, Easy to fix
- Interior and exterior application, Suitable for floor and wall
- Tiles can directly be bed-in, without prior plastering hence increases the installation time
- With its excellent wet-out property on back of the tile, it eliminates voids and hollow sound

- Excellent handling characteristics through extended open and adjustment time
- Ideal for all type of surfaces. Good mechanical property

**APPLICATIONS:**

Interior and exterior applications for floor and wall

**SUITABLE SUBSTRATES:**

- Cement floors, concrete bed
- Masonry
- Ceramic tiles and stones
- Plaster
- For some categories dry wall boards

**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, debris, curing compounds, sealers, adhesives or any other contaminant that would prevent good bonding. Glossy or painted surfaces must be sanded, or abraded, and stripped off all contaminants. Concrete or plaster must be cured 28 days prior to bonding unless it is made with Acescreed or Aceplast Premium. Concrete must be free of efflorescence and not subject to hydrostatic pressure. Concrete slabs should have a course finish to enhance the bond. 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 bond. For

questions about proper installation, call Technical

Services executives on +91 963 260 5577.

#### PROTECTION OF JOB SITE:

#### MIXING PROCEDURE:

Use 7 – 7.5 ltr of water for mixing 30 kg powder. Take water in a 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 adhesive mixture slake or stand 5 - 10 minutes, stir again and use. Stir occasionally, but do not add more water. When properly mixed, troweled ridges will stand without slump.

#### APPLICATION PROCEDURE:

Mark the water level or take bull mark with desired thickness to be achieved. Use a required size trowel for application. Using the flat side of the trowel, apply mixed material to the surface to get desired thickness or to adjust to the bull mark. With the help of properly notched or teeth side of the trowel held at a 45° angle, comb the surface in one direction. Apply thin material to the bonding side of the tile, comb with notched trowel and press the tile firmly into the surface in a perpendicular motion across ridges, moving back and forth. The perpendicular motion flattens ridges and closes valleys, allowing maximum coverage. Adjust

the tile promptly and beat it in with a beating block and rubber mallet. Periodically pull up a tile and check the back to ensure proper adhesive coverage. If the material has skinned over, re-comb 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 TABLE:**

**TECHNICAL DATA:**

Curing time is affected by ambient, surface temperatures and humidity. Generally, light foot traffic can be allowed in 16 hours at 25°C, normal foot traffic in 24 hours and heavy foot traffic in 7days after installation.

**EASY MAINTENANCE:**

**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

**GROUTING:**

**COVERAGE CHART**

(As a reference, Actual may vary depends on job site condition)

THICKNESS	FOR 30 KG CUSTOMER SERVICE:
3 mm	80 sft
6 mm	39 sft
9 mm	27 sft
12 mm	20 sft
15 mm	16 sft

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.

Properly installed product requires no special maintenance.

Mixing ratio	Approx 7 ltr for 30 kg powder
Open time	Approx 15 min
Adjustment time	Approx 15 min
Pot life	Approx 4 hrs
Tensile adhesion strength (28 days)	Minimum 275 PSI (1.9 N/mm <sup>2</sup> )
Shear bond strength (28 days)	Minimum 300 PSI (2.06 N/mm <sup>2</sup> )
Compressive strength (28 days)	Minimum 3000 PSI (20.6 N/mm <sup>2</sup> )
Duration for light foot traffic	6 hrs
Duration for normal foot traffic	24 hrs
Duration for heavy foot traffic	72 hrs
Duration for grouting	24 hrs

**WARRANTY**

## PRODUCT TECHNICAL DATA SHEET

Grouting can be done after 24 hrs of installation of tiles. Use Acegrout superfine series grout for up to 3mm joints and Acegrout coarse series grout for up to 12 mm joints. Use Acepoxy Epoxy grout for stain and chemical resistance. Please call customer service executive for more information.

### DECLARATION

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.

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)

**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.**