

AQUAFIX -
Epoxy Adhesive
*Water bonding
chemical anchor gum*



PRODUCT DESCRIPTION:

Aquafix Epoxy adhesive is a two component, fully solid, high strength epoxy chemical anchor gum consists of Part A and Part B in a pre-weighed separate bottles. It is hygienic, stain-free, chemical and acid resistance bonding agent which resist heat up to 100° C after curing. It is ideal for refixing debonded tile or stones under water. It can also be used for spot fixing or bonding marbles or granites on wall and ceiling with proper arrangements. Once it cures, it gets high abrasion and impact resistant and has very good adhesion on granite, marbles, treated plastics, plaster and all kind of metals like brass, steel, etc.

ADVANTAGES:

- For interior and exterior application
- Used for rapid bonding between two surfaces
- Sets rapidly within 10 minutes
- Excellent adhesions to many different materials
- Excellent sag resistance, High stain resistant
- Outstanding electrical insulating properties
- High abrasion and temperature resistance
- High chemical and acid resistance
- High shock and impact resistance
- Germ, bacterial and fungal resistance
- Easy maintenance and water cleanable

APPLICATIONS:

Interior, exterior and underwater application for fixing tiles or stones on all kind of substrates. For installation and repair work of kitchen slabs, sink, granite, marbles, plastics, plaster and all kind of metals like brass, steel, etc

AVAILABLE PACK SIZE:

Available in 1 kg packing (Including 2 components)

COMPONENTS FOR EACH KITS:

Each kits consists of carefully prepared, superior quality Resin and Hardener.

SHELF LIFE:

24 months, if stored in cool and dry area in unopened containers, protected from sun light. Shelf life is calculated from the month of manufacturing of the product.

SURFACE PREPARATION:

For TILE/STONE AND METAL SURFACES: Use a wire brush or sandpaper to remover rust and scale from the surface to be bonded. Surfaces may be shot blasted or abraded using a wire wheel for best results. All dirt, grease, and old paint should be removed. All clean dry surfaces is essential for the best results. Begin with a sound, clean, dry and roughened, oil-free application surface, as it is essential to the success and performance of this product. Spot test surface by mixing a small quantity of the resin and hardener. Apply the compound to a small, clean test area. Old paint may wrinkle or lift. If it DOES NOT, wait five (5) days and test the bond strength by scraping surface with a sharp instrument.

For NEW POURED CONCRETE: Allow to fully cure (28 days @ 70°F) prior to application. Remove any curing membrane by sanding or etching with a strong detergent.

For OLD CONCRETE: Thoroughly clean surface with a grease-cutting detergent to remove grease and oils, and remove any loose or unsound concrete by chipping, scarifying, shot blasting, sanding, or grinding. Proceed as for new poured concrete.

MIXING PROCEDURE:

1. Pour hardener into resin.
2. Mix for about 2-3 minutes by hand until homogeneously mixed

APPLICATION PROCEDURE:

1. Clean the surface to be bonded. Remove all grease, debris, foreign particles
2. Mix 1:1 ratio of part A and part B thoroughly
3. Apply mixed material on back of the tile/stone or substrate to be bonded
4. Place the applied substrate over the surface on which it is to be bonded
5. Press gently and remove excess material oozed out
6. Give proper supporting till it cures

**PROTECTION OF JOB SITE AND
TIME TO CURE:**

Protect the bonded area until it completely cures. Generally, Aquafix Epoxy adhesive will set within 2 hours but complete chemical and acid resistance will get after 7 days of curing only. No any special maintenance is required.

CAUTION:

Avoid contact with eyes or skin. In case of contact, clean with plenty of water and seek medical attention. Use personal protective equipments such as gloves, goggles, aprons, masks, etc while handling the product and application of same

COVERAGE:

Coverage depends on application methods and substrates. However it is advised to take a small trial before going for bulk application.

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

For product or other information, please write us to info@acebond.in

Visit us at www.acebond.in

LIMITATION:

- It is not recommended to use on surface where continuous temperature exposure above 100°C.
- It is recommended that the complete installation should be cured 7 days prior to full submersion with pure water.
- Epoxy, epoxy residue, or wash water will discolour painted or anodized surfaces upon contact.
- Should be tested for possible staining or slight colour changes when used with porous, absorptive, textured surface
- Lower temperatures will cause the epoxy to become stiff and more difficult to work and will extend initial set. Higher temperatures will cause the epoxy to become more fluid and will accelerate the set.
- Not recommended in some manufacturing facilities where heavy chemicals are used. Consult Technical Services on questionable installations.
- Colours may be slightly different than shown. When colour considerations are critical, a mock-up should be constructed prior to final application.

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.

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 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.