

ACEFIX Turbo



High performance Epoxy adhesive



General purpose epoxy adhesive used for bonding any kind of tiles over structurally sound metal or steel substrates. It is a high strength, solvent free, 100% epoxy adhesive that gives excellent bonding strength, acid and chemical resistance to the system. It is highly suitable for residential or commercial application where area is exposed to high traffic impact.

FEATURES AND BENEFITS:

- Excellent quality, low odour
- Solvent-free, water-free, non flammable
- Water cleanable, easy to use
- High chemical and acid resistance
- Ideal for installation of non porous tiles on non porous substrates. Ex: Bonding of resin coated tiles, agglomerates, etc on concrete, metal or steel surface

APPLICATIONS:

Interior and exterior applications for walls and floors.

SUITABLE SUBSTRATES:

Resin coated tiles, agglomerates, vinyl, metal, glass or other resilient tiles, marbles and granites, selected plastics etc on concrete, masonry, brick, terrazzo, metal or steel surface

AVAILABLE PACK SIZE:

Available in 5 kg and 30 kg kit in grey or white colour

SHELF LIFE:

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

STORAGE AND HANDLING:

Store in cool and dry area in unopened original pack.

SURFACE PREPARATION:

Surfaces must be structurally strong. Remove all grease, oil, dirt, curing compounds, sealers, adhesives, efflorescence or any other contaminant that would prevent good bonding. Concrete or plaster must be cured 28 days prior to bonding unless it is made with Acescreed or Aceplast and should not subject to hydrostatic pressure. 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.

MIXING PROCEDURE:

Take one part of Hardener and two parts of Resin in a clean pail. Mix Resin and Hardener thoroughly. Add required amount of Part C powder slowly to the mixed Resin & Hardener under stirring. Mix by hand or use slow speed drill mixer (150 – 200 rpm speed) to achieve smooth, paste-like consistency. Let the homogeneously mixed adhesive mixture slake or stand 3 -5 minutes, stir again and use. Stir occasionally, but do not add water. When it is properly mixed, troweled ridges will stand without slump.

APPLICATION PROCEDURE:

Use a required size notch trowel to ensure proper coverage under tiles. Using the flat side of the trowel, apply a skim coat of mixed Acefix Turbo to the surface. With the help of properly notched or teeth side of the trowel held at 45° angle, apply additional mortar to the surface, combing in one direction. Press the tile firmly into place in a perpendicular motion across ridges, moving back and forth. The perpendicular motion flattens ridges and closes valleys, allowing maximum coverage. With some tile, back-buttering is advisable. 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, recomb with the notch trowel. If too dry, remove and replace the dry material with fresh material. Mixed material will remain workable for approximately 30-45minutes.

PROTECTION OF JOB SITE:

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 3days after installation.

CAUTION:

- Store in cool and dry place.
- High temperature will affect the product.
- Once pack is opened, then finish it off without keeping for long time.
- This product contains epoxy material and silica based filler powder. 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 closely; wear PPE whenever necessary

COVERAGE:

Approximately 5 sft per 1 kg for 2 mm bed thickness. Coverage will vary depending on surface undulation and application variances.

TECHNICAL DATA:

Mixing ratio	Hardener : Resin : Powder :: 1 : 2 : 10
Open time	Approx 30 mins
Adjustment time	Approx 30 mins
Pot life	Approx 45 mins
Tensile adhesion strength	Minimum 3000 PSI
Shear bond strength	Minimum 2350 PSI
Compressive strength	Minimum 11000 PSI
Duration for light foot traffic	6 hrs
Duration for normal foot traffic	16 hrs
Duration for heavy foot traffic	24 hrs
Duration for grouting	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:

ACECRETE ADHESIONS INDIA PRIVATE 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.

GROUTING:

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

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

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.