

Reactive Adhesive for Ultimate Tile Fixing Performance

Zydex[®]
Innovating for Sustainability



ZycoFix

ZycoFix is an acrylic based high performance bonding agent that is reactive and flexible for use in tile fixing to concrete and plaster surfaces. With a pull off adhesion strength equal up to 17 N/mm² and high water resistance, It ensures an extremely strong and permanent joint between the tile and the underlying substrate. Tiles and stones up to 4 m² can be fixed.

FEATURES

- ✓ Reactive Bonding of Tiles to Concrete & Plaster Surfaces
- ✓ Strong and Flexible Bond Resulting in a Permanent Joint
- ✓ Highly Water Resistant
- ✓ Pull-off Strength up to 17 N/mm²
- ✓ Tiles and Stones up to 4 m² can be Fixed

Toll Free:
1-800-12300-7666

www.zydexindustries.com

ABOUT ZYCOFIX

- A new generation nano technology
- Exhibits dual properties of reactive and acrylic copolymer
- Imparts very high strength through molecular level reactive bonding
- Provides very strong, flexible bonding
- Boil testing of simulated joint done with ZycoFix confirms water resistance and wet bond strength
- ZycoFix comes in 3 variants: **Super** and **Ultra**

SPECIFICATIONS

Form : Translucent Liquid Dispersion

Specific Gravity : 1.0 to 1.02

Bulk Viscosity : < 200 cps

pH : 5.5 to 6.5

Solubility (in Water) : Easily Dispersible

Flash Point : Above 85°C

Particle size : < 95 nm

ZYCOFIX GRADE	SOLIDS	APPLICATIONS
Super	17 ± 1%	Strong bonding for Large Tiles up to 2 m ²
Ultra	35 ± 1%	Strong bonding for Large Tiles / Stones up to 4 m ² size

APPLICATION AREA & METHOD

ZycoFix Super (large tiles up to 2 m²):

- Apply (Brush or Spray) ZycoFix Super on the reverse side of the tile and let it dry for 30 minutes.
- Apply ZycoFix Super on the plastered cementitious surface on which the tile is to be fixed. Let it dry for 30 minutes.
- Apply 3 to 5 mm mortar (1:2 cement and fine sand < 100 mesh) layer on the plastered cementitious surface on which the tile is to be fixed.
- Immediately fix the tile on the surface where mortar has been applied.
Allow a curing period of 28 days under normal weather conditions for best results.

ZycoFix Ultra (for large tiles / stones* up to 4 m²):

- Apply (Brush or Spray) ZycoFix Ultra on the reverse side of the tile and let it dry for 30 minutes.
- Apply ZycoFix Ultra on the plastered cementitious surface on which the tile is to be fixed. Let it dry for 30 minutes.
- Apply 6 to 8 mm mortar (1:2 cement and fine sand < 100 mesh) layer on the plastered cementitious surface on which the tile is to be fixed.
- Immediately fix the tile on the surface where mortar has been applied.
- Allow a curing period of 28 days under normal weather conditions for best results.

** For highly porous stone, apply one coat of Elastobar on the back side of the stone, allow it to dry for 6-8 hours. Then apply ZycoFix Ultra on Elastobar treated surface.*

DO NOT MIX ZYCOFIX WITH CEMENT

ZycoFix is not recommended for non porous stones & tiles

COVERAGE

Super & Ultra : 45 - 55 sq. ft. per kg when applied as per specifications laid by Zydex.

(Coverage may vary depending upon surface roughness & porosity)

PACKING

1 & 5 kg.

STORAGE

Store Between +5°C and +45°C.

SHELF LIFE

4 years if stored as recommended.



ABOUT ZYDEX

Established in 1997, Zydex is a specialty chemicals company with the purpose of innovating for sustainability.

Beyond construction products, Zydex offers a diverse set of chemical technologies for the textile, agriculture and pavement industries. We were recently recognised as one of the 25 Most Innovative Companies in India by the Confederation of Indian Industry (CII).

Sustainable Green Chemistry

Zydex is deeply committed to sustainable chemistries that ensure a greener future for everyone. Our commitment has made us a pioneer in introducing non-polluting and non-hazardous technologies that conserve, protect and enhance the environment. Pursuing chemical innovations that would mean a greener, purer and more resource renewable world is our passion. Our technologies have been recognized for their contribution to sustainability and globally accepted.



25 Most Innovative Companies of India

GLOBAL PRESENCE

