

Reactive Adhesive for Ultimate Tile Fixing Performance



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 30 kN/cm² 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 30 kN/cm²
- ✓ Tile and Stones up to 4 m² can be Fixed

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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: **Regular, 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 |
|---------------|---------|--|
| Regular | 11 ± 1% | Strong bonding for Small Tiles upto 0.25 m ² size |
| Super | 17 ± 1% | Strong bonding for Large Tiles up to 2 m ² |
| Ultra | 35 ± 1% | Strong bonding for Stones up to 4 m ² size |

APPLICATION AREA & METHOD

ZycoFix Regular (small tiles up to 0.25 m²):

- Apply (Brush or Spray) ZycoFix Regular on the reverse side of the tile and let it dry for 15-30 minutes.
 - Apply 6 to 8 mm mortar (1:2 cement and sand mix) 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 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 15-30 minutes.
 - Apply ZycoFix Super on the plastered cementitious surface on which the tile is to be fixed. Let it dry for 15-30 minutes.
 - Apply 6 to 8 mm mortar (1:2 cement and sand mix) 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 15-30 minutes.
- Apply ZycoFix Ultra on the plastered cementitious surface on which the tile is to be fixed. Let it dry for 15-30 minutes.
- Apply 6 to 8 mm mortar (1:2 cement and sand mix) 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

COVERAGE

50 - 60 sq. ft. per kg when applied as per specifications laid by Zydex.

(Coverage may vary depending upon surface roughness & porosity)



ABOUT ZYDEX

Established in 1997, Zydex is a specialty chemicals company with the purpose of innovating to create a sustainable world through conservation of resources.

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 will 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, safer and more resource renewable world is our passion. Our technologies have been recognized for their contribution to sustainability and are globally accepted.



*25 Most Innovative
Companies of India*

GLOBAL PRESENCE

