

Reactive Adhesive for Ultimate Tile Fixing Performance

Zydex[®]
Innovating for Sustainability



ZYTROL T-55

Zytrol T-55 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 to 0.7 - 1.7 Mpa and high water resistance, It ensures an extremely strong and flexible joint between the tile and the underlying substrate. Tiles and stones up to 3m² 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 0.7 - 1.7 Mpa
- ✓ Tiles and Stones up to 3 m² can be Fixed

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www.zydexgroup.com

ABOUT ZYTROL T-55

- Exhibits dual properties of reactive and flexible copolymer
- Imparts very high strength through molecular level reactive bonding
- Provides very strong, flexible bonding
- Boil testing of simulated joint done with Zytrol T-55 confirms water resistance and wet bond strength

SPECIFICATIONS

Form: Off White Viscous Paste

Specific Gravity: 1.24 to 1.25

Bulk Viscosity: 14000 – 16000 cps

pH: 6.0 to 7.0

Solubility (in Water): Dispersible

ZYTROL T-55	SOLIDS	APPLICATIONS
	47 ± 1%	Strong bonding up to 3 m ² size

APPLICATION METHOD

Zytrol T-55 (for tiles / stones up to 3 m²):

- To be mixed with 50 kg cement bag - Mix 11.0 L water add 4.0 L Zytrol T 55. (In 4.0 L Zytrol T 55 add 4.0 L of water, mix well and once both are mixed uniformly, add rest 7 L water.)
- Mix 50 kg cement and 15 L of this mixture. Add water if needed to adjust consistency.
- Spread cement slurry on the back of tiles using trowel making a layer of 2 - 4 mm and fix it on the cementitious surface (which should be already wet with water before application) by pressing it against it
- Beat in using beating block and rubber mallet to imbed tile, remove air bubbles and adjust level
- Allow a curing period of 28 days under normal weather conditions for best results

ZYTROL T-55	
4 Liters	1.5 - 3 sq. meter tile / stones
3 Liters	0.2 - 1.5 sq. meter tile / stones
2 Liters	0.1 - 0.2 sq. meter tile / stones

For 50kg cement as additive

COVERAGE

Using 50 kg cement mixture 7 - 8 sq. meter cladding can be fixed

PACKING

4 & 20 ltr.

STORAGE

Store Between +5°C and +45°C.

SHELF LIFE

2 years if stored as recommended.



DISCLAIMER

The information & data contained herein are given in good faith but without warranty. We recommend that before using our products, the customer should make his/her own tests to determine the suitability of the products for his/her own purpose under his/her operating conditions. As the circumstances under which our products are stored, handled and used are beyond our control, we cannot assume any responsibility for their use by the customers.

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).

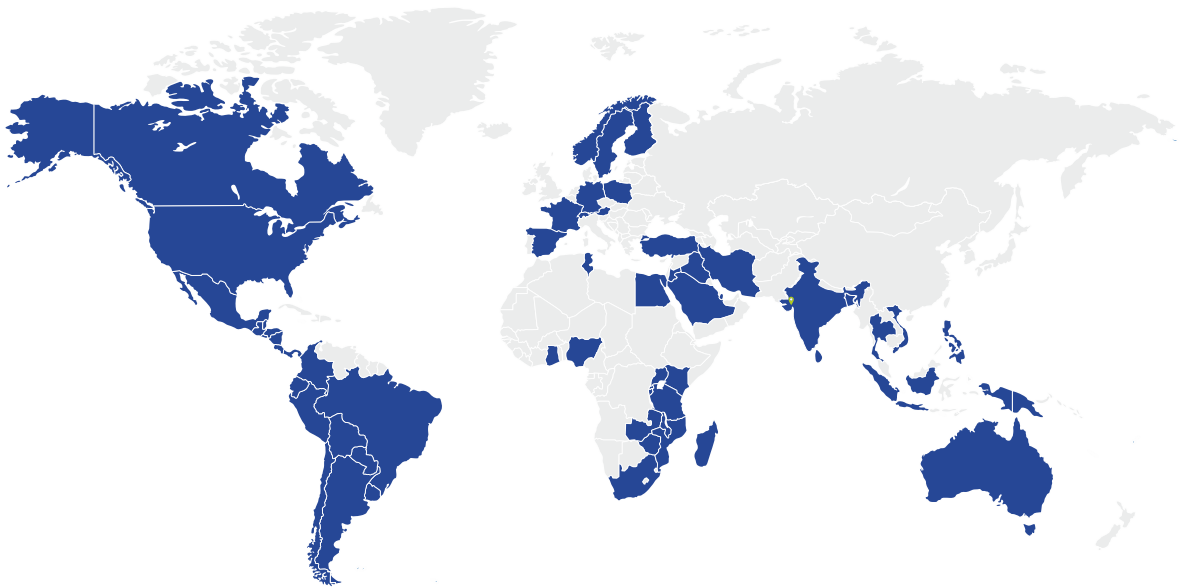
Sustainable Green Chemistry

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



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