



ZeraBond™ Type 3

Clear Epoxy Adhesive Gel

DESCRIPTION

ZeraBond™ Type 3 is a 100% solids two component, moisture insensitive clear epoxy adhesive gel.

WHERE TO USE

ZeraBond™ Type 3 is designed primarily for concrete repairs as a crack filler prior to application of high performance epoxy floor coating systems. It is recommended for repairing spalled, scaled and cracked concrete in both vertical and horizontal surfaces.

BENEFITS

- Excellent adhesion properties.
- Very easy to mix and apply
- Cures under cool, damp conditions
- Convenient one to one mixing ratio
- Excellent non-sag properties
- Rapid development of hardness and mechanical strengths
- Adheres to damp surfaces
- Moisture insensitive during the application

PROPERTIES (Tested @ 23°C (74°F))

Mix Ratio, by Volume	1 parts A:1 part B
Density (Mixed)	1.08 kg/litre (9.2 lb./US gal)
Pot Life 100g	15 minutes
Initial cure	6-8 hours
Full Cure	7 days
Color	clear

APPLICATION

SURFACE PREPARATION

New concrete must be cured for a minimum of 28 days before applying ZeraBond™ Type 3. The substrate must be above 10°C (50°F) and must be free of all dirt, waxes, previously applied coatings, oil, grease, laitance and any foreign matter that may interfere with the bond of the ZeraBond™ Type 3 to the prepared substrate. All concrete surfaces to be treated should be shot blast, or mechanically cleaned for best results.

Steel surfaces should be free of dirt, grease, oil or rust. Blast surface using an angular medium such as aluminum oxide or grit to SSPC-SP10 standard, with a minimum profile of 2.5 mils. **Where sandblasting is not practical, the surface should be degreased and mechanically**

abraded to reveal continuous bright metal.

MIXING

Premix each component separately before using. Combine 1 parts (by volume) of Part A with 1 part (by volume) of Part B. Mix with a low speed drill. Thoroughly blend the material until an even consistency is achieved, periodically scraping down sides and bottom of container. Apply as soon as possible as pot life is limited.

LIMITATIONS

ZeraBond™ Type 3 is not recommended for applications where ambient temperatures are below 10°C (50°F) or underwater repair.

COVERAGE

Bonding Adhesive 2.0 m²/L (81.5 ft²/U.S. gal)(smooth surface).

PACKAGING

7.0L (1.9 U.S. gal)

CLEAN UP

Clean all equipment with xylene or acetone before epoxy hardens. Read the Material Safety Data Sheet before using.

STORAGE

Store in a heated warehouse. Storage at temperatures below 4.5°C (40°F) may cause the resin to crystallize.

SHELF LIFE

Two years if kept in original unopened containers under normal warehouse conditions.

SAFETY PRECAUTIONS

Consult Material Safety Data Sheet (M.S.D.S.) for specific instructions.

WARRANTY

“The recommendations made and the information herein is the result of accurate laboratory and field tests under controlled conditions. We guarantee that the quality and properties of the materials supplied conform to our standards. Zeraus Products Inc. makes no warranties, expressed or implied, as uses and applications are beyond our control. Zeraus Products Inc. shall not be liable for any injury, loss, or damage (direct or consequential) arising from use or inability to use the products. Before using, the user is urged to pre-test the products in his/her own environment to determine the suitability of the products for

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