

ZeraBond™ Type 3

High Strength Epoxy Adhesive Gel



DESCRIPTION

ZeraBond™ Type 3 is a 100% solids, two-component, moisture insensitive epoxy adhesive gel. Available in clear (amber) and grey.

WHERE TO USE

ZeraBond™ Type 3 is designed primarily for concrete repairs as a crack filler prior to the 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

HANDLING PROPERTIES @ 23°C (74°F)

| | |
|----------------------------|--------------------------------|
| Mix Ratio, by Volume | 1 part 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 |
| Recoat | 2-3 hours |
| Full Cure | 7 days |
| Color | Clear |

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 the 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 part (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 scrape down the sides and the bottom of container. Apply as soon as possible as the pot life is limited.

LIMITATIONS

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

COVERAGE

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

PACKAGING

7 L (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 (MSDS) for specific instructions.

WARRANTY

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