

**Product Description** EZ FIX is two components, high strength, non-sagging epoxy mortar. The material offers superior compressive and bond strength which is ideal for anchoring, adhesive and concrete structural repair.

**Uses & Applications** EZ FIX can be used in the following applications:

- Rebar anchoring, bolt fixing in concrete structure.
- Joining different kinds of construction material, e.g. concrete, steel, aluminum, wood, tile.
- Concrete surface repair, fill honeycomb.
- Seal the surface gap in the epoxy injection application.

**Key Benefits**

- Conforms to ASTM C 881-78 Type I, Grade 3, Class B+C.
- High bonding and compressive strength.
- Non shrinkage.
- Non sagging, thixotropic paste, suitable for vertical application.
- Can be used in moist area.
- High abrasion resistance.

**Technical Data**

CHARACTERISTIC (A+B)	VALUE	TEST STANDARD
Appearance	Part A: Light grey paste Part B: Black paste	-
Mixed Density	1.68 ± 0.1 kg/L	-
Mixing Ratio, by weight	2:1 (A:B)	-
Compressive Strength	>65 MPa	ASTM C190
Bond Strength to Concrete	>30 MPa (Concrete failure)	ASTM C882
Pot Life@30 °C	30 - 40 minutes	-
Setting Time	2 - 3 hours	-
Full Cure	7 days	-

CONCRETE REPAIR

**Application Instructions** *Surface Preparation*

- All surfaces must be free from oil, grease, dirt and poorly adhering matter.

*Mixing*

- Mix EZ FIX with the ratio of 2:1(A:B) using low speed mixer or hand stirrer. Once the material appeared uniform grey color, it is ready to use. Mixed material must be consumed within 30 minutes.

*Application*

- For anchoring application:
  - Drill the hole onto the substrate with the size of approximately 2-4 mm larger than the fixing anchor.
  - Put the mixed material into the hole, Ensure the complete fill hole then slowly insert the fixing rebar or bolt to the bottom. Remove the excess material that comes off the hole.
- For concrete repair application:
  - Patch the defective concrete with mixed material.
  - Do not patch each layer thicker than 30 mm. (Horizontal) and 10 mm for vertical surface.

**Safety Instructions**

Wear appropriate protective equipment such as gloves, safety glasses or goggles, protective clothing during use. In case of eye contact: promptly wash eyes with plenty of water. Continue to rinse for at least 15 minutes and consult physician immediately.

**Packing**

2 kg per set (Part A=1.33 kg, Part B=0.67 kg)

**Storage & Shelf Life**

Chemical must be kept in-door, avoid of direct sunlight and humidity. It should be stored at room temperature. Chemical should be consumed within 12 months.

Disclaimer: The information provided in this document is based on our knowledge and experience of the product. In actual application results may vary because of site conditions, application methods and other factors that beyond our control. Users are recommended to test out product performance before actual use. Any data contained in this document, including our sale person or staff consultation is in no way constitutes a warranty relative to the use of our products. Our general terms and conditions of sales shall prevail. The superseded version of this datasheet may be issued without prior notice. Customers and users are encouraged to check with our staffs for the latest version of this document.

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