

Product Description

EZ JOINT is two components, polyurethane and epoxy hybrid material. It can be used to seal gaps or cracks on concrete, precast panels, drywalls, fiber cement and so on. EZ JOINT provides both excellent strength and flexibility repair. Preventing structural cracks from vibration and expansion. It has high bonding strength, non-sagged, UV and weathering resistance.

Uses & Applications

EZ JOINT can be used in the following applications:

- Seal crack on concrete and masonry surface.
- Precast joints.
- Drywalls.

Key Benefits

- Stronger than traditional sealant materials.
- High bonding on any surfaces.
- Low to non-shrinkage.
- Non sagging, thixotropic paste, suitable for vertical application.
- Flexible, prevent cracks.
- Can be smoothen with sand grinding.

Technical Data

CHARACTERISTIC (A+B)	VALUE	TEST STANDARD
Appearance	Part A: Light grey paste Part B: Black paste	-
Mixed Density	1.60 ± 0.1 kg/L	-
Mixing Ratio, by weight	3:1 (A:B)	-
Hardness	50 - 60	ASTM D2240
Tensile Strength	1.0 – 1.5 MPa	ASTM D412
Elongation	> 200%	ASTM D412
Bond Strength	150 psi	ASTM D4541
Pot Life @ 30 °C	30 - 45 minutes	-
Setting Time	8 - 12 hours	-
Full Cure	7 days	-

Application Instructions *Surface Preparation*

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

Mixing

- Mix EZ JOINT with the ratio of 3:1 (A:B) using low speed mixer for 2 minutes. Ensure the material appeared uniform grey color. Mixed material must be consumed within 30 minutes.

Application

- Use steel trowel to apply material into the joint or crack. Apply 2-3 cm each side larger than the joints for later finishing.
- Use backing rod foam to support the material for cut-through joint or crack.
- Let the material set for 8-12 hours before smoothen up with sand paper.
- Apply the subsequent coating or painting.

Consumption rate – approximate 6 meter per kg (1cmx1cm joint)

Cleaning

- Tools and equipment should be cleaned with thinner or solvent immediately after use.

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

1 kg per set (Part A=0.75 kg, Part B=0.25 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 6 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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