

**Industrial Flooring**

## RAPIDFIX CONCRETE & CRACK REPAIR

Ultra-low-viscosity, polyurethane hybrid for concrete repairs

**Description:** RapidFix is a professional-grade, two-component, ultra-low viscosity polyurethane hybrid designed for filling and/or repair of saw cuts and “stitched” concrete. With its fast-curing properties, it is perfect for use when minimal downtime is required along with zero compromise on durability and bond. It can be used effectively in temperatures ranging from 0 °F to 110 °F (-18 °C to 43 °C).

**Areas of Usage:** Limited usage. Ideal for use as a concrete repair system for:

- Crack stitching (interior and exterior substrates)
- Filling/repairing saw cuts (interior only).

<b>Features / Advantages:</b>	2 part polyurethane hybrid	Wide temp range usage (0-110 °F)
	Extremely fast curing (<30 min)	Easy 1:1 mix ratio (by volume)
	Direct-to-concrete application	High compressive strength
	Ultra-low viscosity	Self-leveling
	For concrete stitching repair	Solvent-free
	For saw cut fill and repair	Low VOCs and low odor

**Surface Preparation:** New concrete should be a minimum of 21 days old prior to crack repair. This product is highly sensitive to and reactive with moisture, and therefore, the cementitious substrate must be completely dry prior to application

Begin by cleaning the crack or saw cut thoroughly. For example, remove all loose material, dust, oils, surface contaminants. Make sure repair areas are free of laitance or weak edges.

**Technical Data:** Note: Data / results may differ due to statistical variations, mixing methods and equipment, temperature, application methods, actual site conditions and curing conditions

**Packaging:** Part A and Part B Activator - 1 gallon containers (3.79 liters).

**Mixing Ratio:** One part resin (Part A) to one part catalyst (Part B), i.e., 1:1 ratio by volume.

**Application:** Apply using a plastic squeeze condiment bottle for controlled application. Smooth out with a small trowel or putty knife. (Avoid overworking as RapidFix cures fast and begins setting in just a few minutes). **Application is recommended for horizontals only** (see “Application Procedures on page 3 for details).

**Average Dry Time at 77°F (25°C):** Working Time: < 5 minutes @ 75°F (24°C). Cure Time: <30 minutes grind-ready. Application Temperature Range 0°F to 110°F (-18°C to 43°C)

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<b>Technical Data (Cont.):</b>	<i>Data / results may differ due to statistical variations, mixing methods and equipment, temperature, application methods, actual site conditions and curing conditions</i>
Reducing:	Not applicable
Finish:	Not applicable
Colors:	Part A (Resin) Amber; Part B (Hardener) Black; Mixed Color (cured) Gray
Pigment Type:	Not applicable
Tensile Strength:	Minimum 3,210 psi (21 MPa)
Compressive Strength:	1 hour compressive strength (neat) of 4,629 psi (32 MPa) per ASTM D695
Durometer Hardness (Shore D)	Shore D hardness of 71 per ASTM D2240
Pot Life:	Extreme quick-cure properties. Pot life applies to material poured immediately onto the substrate following preparation.
Shelf Life:	For best results, store between 40 °F (4 °C) and 90 °F (32 °C). Shelf life is 18 months when stored in unopened containers in dry conditions.

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**Mixing:** Before commencing, thoroughly shake the A and B component containers individually (no need to use a mixing paddle). Using a clean, disposable plastic condiment bottle, prefill the bottle half way with RapidFix Part A (Resin). When ready, add RapidFix Part B to fill the bottle. Shake the bottle for ~10 seconds to mix. (Note: Keep RapidFix material as cool as possible for longer working time. If necessary, keep product in a small cooler on ice when ambient temperatures are above 70°).

**Application Procedure:** After proper mixing (see "Mixing" above), squeeze the mixture into the area to be repaired, filling slightly above the substrate surface. Smooth out with a trowel or putty knife. Avoid overworking as RapidFix cures fast and begins setting in just a few minutes. After 10 to 15 minutes at 70°F (21°C), level the repair areas with a floor grinder or a hand grinder. Repairs can be coated once RapidFix has been abraded and the ground is flush with the concrete substrate.

**Handling & Storage:** Store in a cool, dry, well-ventilated area. Keep containers tightly closed.

**• KEEP CONTAINER TIGHTLY CLOSED • KEEP OUT OF REACH OF CHILDREN  
• NOT FOR INTERNAL CONSUMPTION • INDUSTRIAL GRADE • HANDLING  
AND INSTALLATION MUST BE PERFORMED BY ECO-CORFLEX-CERTIFIED  
APPLICATORS ONLY •**

All information provided by Eco-CorFlex concerning its products, including but not limited to, any recommendations and advice relating to the application and use, is given in good faith based on Eco-CorFlex's current experience and knowledge of its products when properly stored, handled and applied under normal conditions in accordance with Eco-CorFlex SOPs. In practice, the differences in materials, substrates, storage and handling conditions, actual site conditions and other factors outside of Eco-CorFlex's control are such that Eco-CorFlex assumes no liability for the provision of such information, advice, recommendations or instructions related to its products, nor shall any legal relationship be created by or arise from the provision of such information, advice, recommendations or instructions related to its products. The user of Eco-CorFlex product(s) must test the product(s) for suitability for the intended application and purpose before proceeding with the full application. Eco-CorFlex reserves the right to change the properties of its products without notice.

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