

## PERMA-FIL QUICK SET

### 100% Epoxy Concrete Repair/Resurfacer

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#### DESCRIPTION

**Perma-Fil Quick Set** is a **rapid curing**, heavy duty, high compression strength floor patch for repairing and resurfacing damaged plant floors - renews and repairs damaged floors, fills and eliminates damaged expansion joints, and anchors machinery.

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#### FEATURES

- 100% Epoxy Resin Base with a Catalyst hardener and special blended aggregate
- 15,500 psi compression strength
- Withstands heavy, abusive traffic
- Absorbs vibration and shock without cracking
- Excellent for expansion and contraction applications
- Highly resistant to acids, alkalies, solvents, heat and cold
- Extra-long wearing – permanent and resilient
- Self-leveling – minimal trowel work
- Bonds to concrete, steel and wood
- A 4 “x 4” x ¼” area will accept light traffic in 4 hours, heavy traffic in 6 to 8 hours.
- Single Kit covers 22-24 sq. ft. at ¼” thick (1 half-gallon can Part A, 1 Quart Part B, 36 lbs. special blend aggregate)
- Master Kit covers 220-240 sq. ft. at ¼” thick

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#### HOW TO USE

- 1) Clean and prepare areas that need to be filled or repaired. For best results areas should be free of dust, loose dirt, grease, oil, and water. Preparation of area to be filled always should be done prior to mixing Perma-Fil Quick Set.
- 2) Always wear safety glasses and gloves. Put on safety glasses and gloves provided within the kit before mixing.
- 3) Put one bag of aggregate in a mixing container (bucket supplied).
- 4) Open one (1) can of resin (1/2 gallon can)
- 5) Open one (1) can of hardener (1 quart can).
- 6) Mix thoroughly at a 2 to 1 by volume ratio, approximately 1 minute, using a hand held mixer or a paint stirring stick.
- 7) Add mixed resin to aggregate and mix thoroughly with heavy duty stirring device.  
**\*\*Important\*\* Do not delay addition of resin to aggregate after mixing. Delaying addition will decrease working time.**
- 8) Working time is approximately 10 minutes in a 4 oz (100 gram) mass. Masses larger than 4 oz (100 grams), will cure more rapidly, smaller masses may take longer than 10 minutes.
- 9) Working rapidly, fill the areas requiring filling or repair. Smooth material as needed using a trowel, stick, or putty knife as appropriate.

**\*\*Note\*\*** - Actual Cure time depends on air temperature, floor temperature, and amount of material used to in repair and application thickness. Higher air temperature or floor temperature will result in faster cure times. Larger amounts of Perma-Fil in one location and thick application of Perma-Fil will cure faster than small amounts. Test repair area for hardness prior to opening area for traffic.

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**SPECIFICATIONS**

	<b>Part A</b>	<b>Part B</b>	<b>Part C</b>
<b>Physical Form</b>	Viscous liquid	Liquid hardener	Granules
<b>Color</b>	Clear to light amber	Amber	Gray
<b>Odor</b>	phenolic	Medicinal	n/a
<b>Specific Gravity</b>	1.12	1.11	70 lb. / ft.
<b>Flash Point (TCC)</b>	200+ °F	200+ °F	None