

PERMA-FIL

100% Epoxy Concrete Repair

DESCRIPTION

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

FEATURES

- 100% Epoxy Resin Base with a Catalyst hardener and special blended aggregate
- 15,500 psi compression strength
- Will not break down at temperatures below 550° F
- 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
- Single kit covers 22-24 sq. ft. at ¼” thick (1/3 cu. ft.) (1/2 gallon Part A, 1 quart Part B, 36 lbs. special blend aggregate)
- Master kit covers 220-240 sq. ft. at ¼” thick (5 gallons Part A, 2 ½ gallon Part B, 360 lbs. special blend aggregate)

HOW TO USE

FOR A CLEAN, SOUND SURFACE: Before patching, follow these procedures: Not all surfaces will be completely free of oil or dampness. To improve adhesion, a primer application of Tri-Bond is recommended. This penetrates the concrete and chemically cures the Perma-Fil. Apply Perma-Fil while Tri-Bond is still tacky.

1. Ready floor by removing all loose material. Sweep away dirt. Degrease areas which have a thick build-up of grease with Bull Dozer.
 2. Remove the large and small cans from the container. Mix the dry aggregate for uniformity.
 3. Pour two parts A into one-part B and mix for approximately 1 1/2 - 2 minutes. Add part C slowly while continuing to stir until desired consistency is achieved.
 4. Fill holes, cracks, crevices to level of existing floor. Feather edges with a trowel. Wet trowel with epoxy thinner and finish off to a smooth surface.
1. Perma-Fil dries in 10-15 hours for light traffic and 48-72 hours for heavy. At a solid 1/4 inch thickness it will completely cover 22-24 square feet.

NOTE: All 3 parts of PERMA-FIL are packaged in a 5 gallon pail; the resin in a 1/2 gallon can, the catalyst in a quart can - the balance (approximately 36 lbs) is aggregate

SPECIFICATIONS

	Part A	Part B	Part C
Physical Form	Viscous Liquid	Liquid Hardener	Granules
Color	Clear	Clear to Light Amber	Sand
Odor	Acrylate	Amine	N/A
Specific Gravity	1.13	1.0	70 lb/ft
Flash Point (TOC)	200+°F	200+°F	None