



CRACK-PAC® Injection Epoxy

The Crack-Pac™ is a two-part, low viscosity Epoxy-Tie crack injection formula that is dispensed using a standard caulking tool. The mixed adhesive has the viscosity of a light oil and a low surface tension which allows it to penetrate fine to medium width cracks. Resin is contained in the cartridge and hardener is contained in the nozzle. Once the nozzle is threaded onto the cartridge, the hardener is released into the resin-filled cartridge by turning the knob at the base of the nozzle. The two components are mixed by shaking the cartridge.

FEATURES:

- Dispenses with a standard caulking tool, no dedicated dispensing tool needed.
- Low viscosity
- Clean and easy mixing; no additional tools required.
- Chemically bonds with the concrete to provide a monolithic repair.
- Resistant to oils, salts and mild chemicals.
- Non-Shrink.
- Conforms to of ASTM C-881 Type I & II, Grade 1, Classes B & C.

APPLICATION: Crack-Pac is suitable for repair of cracks ranging from 1/64" to 1/4" wide in concrete walls, floors, slabs, columns and beams. It can be used to inject cracks in damp or wet conditions with excellent results.

For detailed crack injection instructions, see pages 84-85.

SHELF LIFE: 24 months from date of manufacture, unopened.

USAGE TEMPERATURE: In order for components to mix properly, the resin and hardener must be conditioned to 60°-80° F before mixing.

STORAGE CONDITIONS: For best results, store between 45° F - 95° F.

COLOR: Resin - Blue; Hardener - Clear; Mixed: Light amber .

CLEAN UP: Wipe up with cotton cloths. If desired scrub area with abrasive, waterbased cleaner and flush with water. If approved, solvents such as ketones (MEK, acetone, etc.), laquer thinner, or adhesive remover can be used. **DO NOT USE SOLVENTS TO CLEAN ADHESIVE FROM SKIN.** Take appropriate precautions when handling flammable solvents. Solvents may damage surfaces to which they are applied.
Cured Material: Chip or grind off surface.



**Crack-Pac®
(ETIPAC10)**



**Crack-Pac Kit
(ETIPAC10KT)**



**Crack-Pac Kit
Components**

Crack-Pac is also available in the Crack-Pac Injection Kit™. The kit includes everything needed to pressure inject approximately 8 lineal feet of cracks:

- 2 Crack-Pac Cartridge / Nozzle Sets
- 12 E-Z-Click Injection Ports
- 2 E-Z-Click Injection Fittings with 12" tubing
- 1 pint of Paste-Over Epoxy (8 oz. of resin + 8 oz. of hardener)
- 4 disposable wood paste-over applicators
- 1 pair latex gloves

PROPERTY

TEST METHOD

RESULTS

Viscosity (mixed, 72°F)	ASTM D 2393	1,400 cps
Bond Strength	ASTM C 882	2,010 psi (2 day moist cure) 3,830 psi (14 day moist cure)
Water Absorption	ASTM D 570	0.082% (24 hrs)
Tensile Strength	ASTM D 638	5,860 psi (7 day cure)
Elongation at Ultimate	ASTM D 638	14.1 %
Compressive Yield Strength	ASTM D 695	11,270 psi (7 day cure)
Compressive Modulus	ASTM D 695	318,600 psi
Linear Coefficient of Shrinkage	ASTM D 2566	.002
Gel Time (72° F)	ASTM C 881	2 hours - 60 g mass
Initial Cure (72° F)		24 hours
Mixing Ratio		8:1

CHEMICAL RESISTANCE

Very good to excellent against distilled water, inorganic acids and alkalis. Fair to good against organic acids and alkalis, and many organic solvents. Poor against ketones.

Crack-Pac™ Cartridge System

Model No.	Capacity ounces (cubic inches)	Cartridge Type	Carton Quantity	Dispensing Tool(s)
ETIPAC10	9 (16.2)	single	9	Standard Caulking Tool
ETIPAC10KT	18 (32.4)	single	2	



**Crack-Pac® Injection using the
E-Z-Click Port System**

Detailed information on injection accessories is available on page 83.