# Crack-Pac® Injection Epoxy

The Crack-Pac injection epoxy is designed to repair cracks in concrete ranging from 1/4<sup>st</sup> to 1/4<sup>st</sup> wide in concrete walls, floors, slabs, columns and beams. The mixed adhesive has the viscosity of a light oil and a low surface tension, allowing it to penetrate fine to medium-width cracks in dry, damp or wet conditions with excellent results. Resin is contained in the cartridge and hardener is contained in the nozzle.

#### Features

**Restoration** Solutions

- Dispenses with a standard caulking tool, no special dispensing tool needed
- Clean and easy to mix
- Seals out moisture, protecting rebar in the concrete from corrosion and flooring from moisture damage
- · Chemically bonds with the concrete to restore strength
- Non-shrink material resistant to oils, salts and mild chemicals
- Meets the requirements of AASHTO M235 and ASTM C881, Type I, Grade 1, Class C

#### **Application Considerations**

- Suitable for repair of cracks ranging from 1/4" wide in concrete walls, floors, slabs, columns and beams
- Can be used to inject cracks in dry, damp or wet conditions with excellent results. Not for use in actively leaking cracks.
- In order for components to mix properly, the resin and hardener must be conditioned to 60°F (16°C) to 80°F (27°C) before mixing

Shelf Life: 24 months from date of manufacture, unopened

Base Material Temperature: 60°F (16°C) to 90°F (32°C)

Storage Conditions: For best results, store between 45°F (7°C) and 90°F (32°C)

Installation Instructions: See pp. 224-229

Accessories: See p. 223 for information on crack repair accessories.



### Crack-Pac Injection Epoxy (ETIPAC10)



Crack-Pac Kit (ETIPAC10KT) Crack-Pac injection epoxy is also available in the Crack-Pac Injection Kit (ETIPAC10KT). The kit includes everything needed to pressure inject cracks.

- 2 Crack-Pac cartridge/nozzle sets (ETIPAC10)
- 12 E-Z-Click injection ports
- 2 E-Z-Click injection fittings with 12" tubing
- 1 pint of ETR paste-over epoxy (8 oz. of resin + 8 oz. of hardener)
- 4 disposable wood paste-over applicators
- 1 pair latex gloves

# Crack-Pac® Injection Epoxy

Property		Test Method	Results*	
Viscosity		ASTM D2556	1,400 cP	
Bond Strength (moist cure)	@ 2 days @ 14 days	ASTM C882 ASTM C882	2,010 psi (13.9 MPa) 3,830 psi (26.4 MPa)	
Tensile Strength		ASTM D638	5,860 psi (40.4 MPa)	
Tensile Elongation at Break		ASTM D638	14.0%	
Compressive Yield Strength		ASTM D695	11,300 psi (77.9 MPa)	
Compressive Modulus		ASTM D695	319,000 psi (2,200 MPa)	
Flexural Strength		ASTM D790	8,020 psi (55.3 MPa)	
Water Absorption (24-hour soak)		ASTM D570	0.08%	
Linear Coefficient of Shrinkage		ASTM D2556	0.0020	
Gel Time (60-gram mass)		ASTM C881	16 min.	
Full, Mixed Cartridge		_	30 min.	
Volatile Organic Compounds (VOC)		EPA Method 24 ASTM D2369	7 g/L	
Initial Cure			24 hours	
Mixing Ratio by Volume (Part A:Part B)		_	8:1	

\*Material and curing conditions: 73  $\pm$  2°F (23  $\pm$ 1°C)

## Crack-Pac Cartridge System

Model No.	Capacity (ounces)	Cartridge Type	Carton Quantity	Dispensing Tool	
ETIPAC10	9	Single	12	ODT100	
ETIPAC10KT	18	Single	2 (kits)	CUTTOS	