

CRACK REPAIR ADHESIVES

Seal Out Water or Restore Strength To Concrete



ETI EPOXY

High strength, rigid-crack repair



ETI epoxies are two-component epoxy formulations designed to provide a structural repair of cracks in concrete.

- Available in two viscosities: ETI-LV (*low viscosity*) and ETI-GV (*gel viscosity*) for a wide range of crack widths
- Packaged in 22-ounce cartridges that are ideal for medium to large projects
- A rigid structural repair that seals the crack from moisture
- Suitable for pressure injection or gravity feed
- Cracks can be dry or wet (*but can have no actively leaking water*)
- Suitable for contact with potable water (*per NSF/ANSI Standard 61, 22 in²/1000 gal*) (ETI-LV)
- Meets the requirements of ASTM C881 Type I, II, IV and V, Grade 1 (ETI-LV), or Grade 3 (ETI-GV), Classes B&C

Product Information

Model	Cartridge Capacity ounces (cubic inches)	Viscosity	Suitable Crack Width (in)	Mixing Nozzle	Carton Quantity
ETILV22	22	1790 cps	1/64 - 1/4	EMNO22 (included)	10
ETIGV22	(39.7)	Gel	3/32 - 1/4		

CRACK-PAC® EPOXY

High strength, rigid-crack repair that dispenses from a standard caulking tool



Crack-Pac is a two-component, low-viscosity epoxy that provides a high strength repair for cracks in concrete.

- Single cartridge system that easily dispenses from a standard caulking tool
 - A rigid repair that seals the crack
 - Suitable for pressure injection or gravity feed
 - Cracks can be dry or wet (*but can have no actively leaking water*)
 - Meets the requirements of ASTM C881 Type I & II, Grade 1, Classes B&C
- Crack-Pac is also available in a Crack-Pac Kit which contains all of the material needed to inject 8 lineal feet of crack (*model ETIPAC10KT*).

Product Information

Model	Cartridge Capacity ounces (cubic inches)	Viscosity	Suitable Crack Width (in)	Carton Quantity
ETIPAC10	9 (16.2)	1400 cps	1/64 - 1/4	12
ETIPAC10KT	18 (32.4)			2 Kits

CRACK-PAC® FLEX-H₂O™ POLYURETHANE

Water activated, flexible crack sealer



Crack-Pac Flex-H₂O is a single component polyurethane that seals dry, wet and actively leaking cracks.

- Seals seeping or mildly leaking cracks
 - 400% elongation allows for crack movement
 - Can be dispensed with a standard caulking tool
 - Expands to fill voids and close off the back of the crack (*suitable for some masonry applications*)
 - Fast reacting – reaction begins in under 1 minute; expansion completed within 3 minutes
 - Non-shrinking hydrophobic formula with the elongation and flexibility of a hydrophilic resin
 - 20:1 expansion ratio (*unrestricted rise*) means less material needed
 - Also suitable for dry cracks (*with water added*)
- Crack-Pac Flex-H₂O is also available in a kit which contains all of the material needed to inject 8 lineal feet of crack (*model CPFH09KT*).

Product Information

Model	Cartridge Capacity ounces (cubic inches)	Viscosity	Suitable Crack Width (in)	Carton Quantity
CPFH09	9 (16.2)	600 cps	1/32 - 1/4	12
CPFH09KT	18 (32.4)			2 Kits



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CRACK REPAIR ADHESIVES

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Crack Repair Adhesive Suitability Matrix

Application/Feature	ETI Epoxies	Crack-Pac	Crack-Pac Flex-H ₂ O
Seals the crack against moisture	✓	✓	✓
Restores strength to the concrete	✓	✓	—
Expands to fill voids	—	—	✓
Flexible (<i>allows crack movement</i>)	—	—	✓
Suitable to seal cracks in masonry	—	—	✓
Suitable for dry and wet cracks	✓	✓	✓
Suitable for cracks actively leaking water	—	—	✓
Suitable installation procedure(s)	Pressure injection or gravity feed	Pressure injection or gravity feed	Pressure injection
Dispensing tool	Manual: EDT22B, EDT22S Battery: EDT22CKT Pneumatic: EDT22AP	CDT10 or standard caulking tool	CDT10 or standard caulking tool

This table contains general recommendations regarding product suitability. Suitability for any specific project should be determined by a qualified professional.

CRACK INJECTION ACCESSORIES EDT22B, EDT22S

- E-Z-Click™ injection ports and fittings
- Manual, battery and pneumatic dispensing tools for 22 oz. cartridges
- Paste-over epoxies: CIP, CIP-F, ET, ETR and SET



E-Z-Click injection ports and fittings



Simpson Strong-Tie® tools and ports speed up production on the job



Paste-over epoxies



Crack-Pac® adhesive gravity-fed into horizontal cracks

For complete technical information on crack repair adhesives, please see the current Simpson Strong-Tie Anchoring and Fastening Systems for Concrete and Masonry catalog or visit www.simpsonanchors.com.

This flier is effective until January 31, 2013, and reflects information available as of September 1, 2010. This information is updated periodically and should not be relied upon after January 31, 2013; contact Simpson Strong-Tie for current information and limited warranty or see www.simpsonanchors.com.