

Whether you need to seal out water or restore strength to concrete, Simpson has the adhesive for you next crack repair project.



ETI EPOXY

High strength, rigid crack repair

ETI epoxies are two component epoxy formulation 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 650ml cartridges, that are ideal for medium to large projects
- A rigid repair that seals the crack
- Suitable for pressure injection or gravity feed
- Cracks can be dry or wet buy, can have no actively leaking water
- Meets the requirements of NSF Standard 61 for contact with potable water (ETI-LV only).
- Meets the requirements of ASTM C-881 Type I, II, IV and V, Grade 1, Classes B&C

Product Information

Model	Cartridge Capacity (ml)	Viscosity	Suitable Crack Width (mm)	Mixing Nozzle	Carton Quantity
ETILV22	650	Low (1790 cps)	0.4 – 6	EMNO22 (1 included with each tube)	10
ETIGV22	650	Gel	2.4 – 6		10



CRACK-PAC® INJECTION EPOXY

High strength, rigid crack repair that dispenses from a 295ml caulking tool

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

- Single cartridge system which 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 buy, can have no actively leaking water
- Meets the requirements of ASTM C-881 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 2.4m of crack (model ETIPAC10KT).

Product Information

Model	Cartridge Capacity (ml)	Viscosity	Suitable Crack Width (mm)	Carton Quantity
ETIPAC10	266	Low (1400 cps)	0.4 – 6	12
ETIPAC10KT	532			2 Kits



CRACK-PAC® H₂O™ POLYURETHANE

Water activated, flexible crack sealer

Crack-Pac Flex H₂O is 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 with 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)

Product Information

Model	Cartridge Capacity (ml)	Viscosity	Suitable Crack Width (mm)	Carton Quantity
CPFH09	266	Low (600 cps)	0.75 – 6	12

Crack Repair Adhesive Suitability Matrix

Application / Feature	ETI Epoxies	Crack-Pac	Crac-Pac Flex-H ₂ O
Seals the crack against moisture	YES	YES	YES
Restores strength to the concrete	YES	YES	NO
Expands to fill voids	NO	NO	YES
Flexible (allows crack movement)	NO	NO	YES
Suitable to seal cracks in masonry	NO	NO	YES
Suitable for dry and wet crack	YES	YES	YES
Suitable for cracks actively leaking water	NO	NO	YES
Suitable installation procedure(s)	Pressure injection or gravity feed	Pressure injection or gravity feed	Pressure injection
Dispensing Tool	Manual: EDT22B Pneumatic: EDT22AP	Standard caulking tool	Standard caulking tool

This table contains general recommendations regarding product suitability. See our full line catalog for complete technical information. Suitability for any specific project should be determined by a qualified professional.

Simpson Strong-Tie has a full line of crack injection accessories designed for use with our cartridge systems:

- E-Z-Click™ Injection Ports and Fittings
- Manual and Pneumatic Dispensing Tools for 650ml cartridges
- Paste-over epoxies: ET, ETR and SET



E-Z-Click Injection Ports and Fittings



Paste-Over Epoxies



Simpson tools and ports speed up production on the job

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



For proper use, limitations, warnings and warranties or information on Simpson Strong-Tie Anchor Systems full line of adhesive and mechanical anchors, powder actuated fastening systems and carbide drill bits, call and request our full line catalog or visit our website: www.simpsonanchors.com

IN THE SPECS • ON THE JOB • AT YOUR SERVICE™

SIMPSON STRONG-TIE® AUSTRALIA PTY. LIMITED

© 2007 SIMPSON STRONG-TIE COMPANY INC. F-SAS-CRKREPAU exp. 6/09

Unit 2/13 Carnegie Place
 Blacktown, NSW 2148
 Tel.: 02 9831 7700
 Fax: 02 9831 2726
 ABN No.: 59 088883863