

## Crack Injection Guide



### Installation and Information Video



Scan this QR code to learn how to repair concrete with Crack-Pac® epoxy. The video includes information about cartridge mixing, crack preparation, epoxy injection, and more. ETI injection epoxies use similar methodology, use this video as a guide.

<https://youtu.be/aPPz4jOqsa0>



**IMPORTANT:** The following instructions are intended as recommended guidelines. Due to the variability of field conditions, selection of the proper material for the intended application and installation are the sole responsibility of the applicator.

## Materials

### Structural



**ETISLV**  
for repair of hairline cracks  
0.05–6 mm



**ETIGV22**  
for repair of medium cracks  
2.4–6.4 mm

### Non-Structural



**ETIPAC10**  
for repair of medium cracks  
0.4–6.4 mm



**CPFH09**  
for sealing cracks ranging from  
0.8–6.4 mm

### Paste-over



**CIPLO22**  
for large-scale concrete repairs  
and miscellaneous patching



**ETR16**  
for small-scale concrete repairs  
and miscellaneous patching

### Accessories



**EMNO22**  
for use with ETI formulations



**EMN22i**  
for use with CIPL022



**E-Z-Click™ Injection System**  
injection ports, fitting and  
other suitable accessories

### Dispensing Tools



**EDT22S**  
for use with ETI and CIPL022



**DT300**  
for use with ETIPAC10  
and CPFH09

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### Crack Repair Adhesive Suitability Matrix



Application/Feature	ETI-SLV and ETI-GV	Crack-Pac®	Crack-Pac® Flex-H <sub>2</sub> O™
Seals the crack against moisture	YES	YES	YES
Restores strength to the concrete	YES	NO	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 (ETI-SLV only suitable for pressure injection)	Pressure injection or gravity feed	Pressure injection only
Dispensing Tool	Manual: <b>EDT22S</b>	<b>DT300</b> or high-quality, standard size caulking tool	<b>DT300</b> or high-quality, standard size caulking tool

Restoration Solutions

### Estimating Guide for Epoxy Crack Injection

Width of Crack (mm)	Concrete Thickness (mm)	Approximate Coverage per 650 ml (linear metre)	Approximate Coverage per 265 ml (linear metre)	Width of Crack (mm)	Concrete Thickness (mm)	Approximate Coverage per 650 ml (linear metre)
0.4	100	14	5.6	6	100	0.9
	150	9.6	3.7		150	0.6
	200	7.2	2.8		200	0.45
	250	5.8	2.2		250	0.4
0.8	100	7.2	2.8	8	100	0.7
	150	4.8	1.8		150	0.5
	200	3.6	1.4		200	0.4
	250	2.9	1.1		250	0.3
1.5	100	3.6	1.4	10	100	0.6
	150	2.4	0.9		150	0.4
	200	1.8	0.7		200	0.3
	250	1.4	0.6		250	0.2
3	100	1.8	0.7	11	100	0.5
	150	1.2	0.4		150	0.3
	200	0.9	0.3		200	0.25
	250	0.7	0.2		250	0.2
5	100	1.2	0.45	12	100	0.45
	150	0.8	0.3		150	0.3
	200	0.6	0.24		200	0.2
	250	0.5	0.18		250	0.18

These calculations are only estimates and to be used as a guide only.