

Fact Sheet



Sikadur[®] Crack Weld
DIY Crack Injection Kit



WHERE TO USE

- ▲ Low pressure injection of cracks in structural concrete and solid masonry
- ▲ Gravity feed of cracks in horizontal concrete and horizontal solid masonry

ADVANTAgES

- ▲ As strong as concrete
- ▲ Convenient mix in the nozzle cartridge system for both the crack sealer and the injection resin
- ▲ Cartridges that fit standard caulking guns

TYPICAL DATA

- ▲ **Viscosity Mixed 73°F / 23°C (ASTM D 2393)**
500cps
- ▲ **Pot Life 73°F / 23°C, 2.1oz / 60g Mass (ASTM C 881)**
30 minutes
- ▲ **Compressive Strength 7 Days @ 73°F/ 23°C (ASTM D 695)**
9425 psi
- ▲ **Tensile Strength 7 Days @ 73°F / 23°C (ASTM D 638)**
6235 psi
- ▲ **Bond Strength 2 Days @ 73°F / 23°C (Moist Cure) (ASTM C 897)**
464 psi Concrete Failure
- ▲ **Heat Deflection Temperature 7 Day @ 73°F / 23°C (ASTM D 648)**
109.7°F

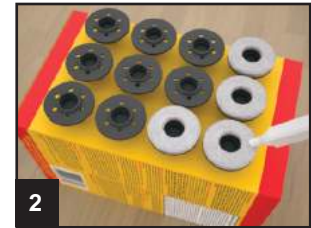
CAPSEAL CARTRIDGE

Open & Injection Times

Temperature	Open Time	Injection Time
50°F / +5°C	18 minutes	145 minutes
77°F / +20°C	6 minutes	50 minutes
95°F / +30°C	4 minutes	35 minutes



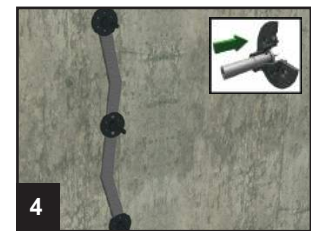
1
Ensure crack is dry and free from contaminants. Any loose material must be brushed clear or blown.



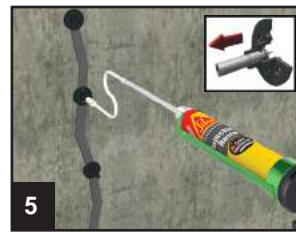
2
Secure ports in perforations in back of box. Pump Capseal around rim of ports and fix injection ports over cracks spaced accordingly.



3
Snap off fine tip of Capseal and attach fan tip. Apply over crack line the full length.



4
Ensure that all injection ports are open.



5
Attach mixer nozzle with extension tube to injection resin. Inject resin into lowest port until it flows from port above. Close off the port and disconnect the hose. Continue this process until the entire crack has been injected.



6
After resin cures, use appropriate tools to remove injection ports and capseal.

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