Installation Instructions
Please view video instructions at RadonSeal CrackWeld webpage at www.radonseal.com

1. Surface Preparation: The crack must be dry and clean - free of dirt, oils, dust, and old repair materials. Use a wire brush or wire wheel. Clean the crack with a vacuum cleaner.

2. Cartridge Assembly:
Store the cartridge at room temperature.
- Shake cartridge vigorously for at least one minute.
- Holding cartridge upright, twist and remove retaining nut. Remove nose plug.
- Install backflow restrictor (from the bag) on top of the cartridge.
- Place mixing nozzle on the restrictor, slide the retaining nut over it and tighten.
- Place cartridge in caulk gun.
- PURGE CARTRIDGE! Squeeze trigger to expel air and unmixed product into a disposable cup.
- If repairing hairline cracks, press needle nozzle onto the tip of mixing nozzle.
The cartridge is now ready. KEEP CARTRIDGE POINTED DOWN! After purging and when working, do not point the cartridge up! It could contaminate the resin in the cartridge.

Hairline cracks: Fill to the top with a second pass of CrackWeld. Apply sand to the surface and rub into the crack to provide color and profile. To finish, lightly scrape the surface with sandpaper.

Wide cracks (over 1/4”): Before priming, fill the crack halfway with clean dry sand.

3. Prime the Crack: Apply CrackWeld into the crack to prime both sides of the crack.
Maintain an even flow through the mixer. After any stoppage, purge the mixer into a disposable cup.
CrackWeld begins to set up quickly - initial set is 3 minutes. Work 10 to 15 feet sections at a time. If allowed to sit in the mixer for more than a minute or two, the mixer will become plugged.

4. Fill the crack with sand: Use the silica sand in the kit or any DRY sand without fines.

5. Soak sand with CrackWeld until saturated leaving a slight hump.

6. Scrape or lightly sand the surface in 10 to 15 minutes, once CrackWeld reaches initial cure. This step is essential when a topcoat is to follow. Use a grinder for a more aggressive profile.
The color of cured CrackWeld is dark grey but may change when exposed to UV rays, which does not affect its strength. Paint or standard concrete toppings can be used over CrackWeld.

Unused product in the cartridge can be capped with the removed nose plug and reused.

CrackWeld Kit (2-Pack) Contents
- (2) Cartridges
- (2) Retaining Nuts
- (2) Nitrile Gloves
- 2-lbs. of Silica Sand
- (2) Mixing Nozzles
- (2) Cups
- (2) Backflow Restrictors
- (2) Needle Nozzles