

CrackWeld

PRO Concrete Floor Repair Kit

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 or oil-free compressed air.

2. Cartridge Assembly:

Store the cartridge at room temperature. Shake cartridge vigorously for at least one minute.

- Pull to remove protective top.
- Tap cap downwards with a hammer to break seal.
- While holding cartridge upright, place into dual cartridge gun and remove cap by pulling up.
- **PURGE CARTRIDGE!** Holding cartridge upright, slowly pump gun until any air and a small amount of product flows evenly out of both ports into a disposable cup (*be careful, it may squirt out!*)
- Install backflow restrictor (*from the bag*) on top of the cartridge where the cap was.
- Place mixing nozzle on the restrictor, slide retaining nut over it and tighten.
- If repairing hairline cracks, press needle nozzle onto the tip of mixing nozzle.

The cartridge is now ready. **KEEP CARTRIDGE POINTED DOWN!** Do not point the cartridge up or it could contaminate the product in the cartridge. When stopping or moving, use a disposable cup to catch any leaking product.

Hairline cracks: Fill the crack to the top with two passes of CrackWeld. Spread sand over the surface and rub into the crack to provide color and a profile. To finish, 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.

Eject CrackWeld **slowly and evenly!** 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. On larger projects, use a helper for scraping to minimize stoppages.

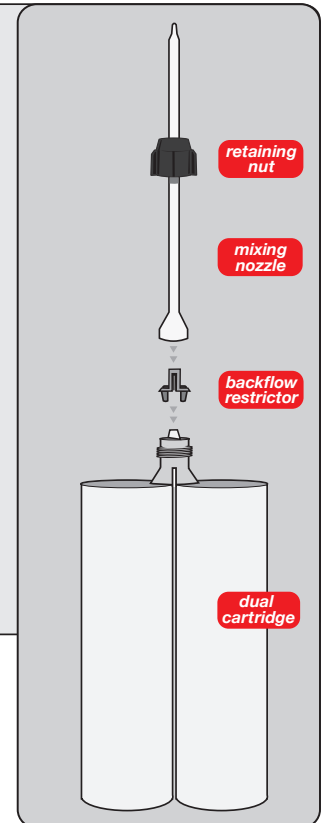
4. Fill the crack with sand: Use the silica from the kit or any DRY graded sand without fines.

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 is essential before a topcoat. Use a grinder for a more aggressive profile.

The color of cured CrackWeld is dark grey, which may change when exposed to UV rays, but this does not affect its strength. Paint or standard concrete toppings can be used over CrackWeld.

Unused product in the cartridge can be reused by snapping on the removed cap.



RadonSeal[™]

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CrackWeld Pro Kit Contents

(2) Dual Cartridges	(1) pair of Nitrile Gloves	4-lbs. of Silica Sand
(1) Dual Cartridge Gun	(3) Mixing Nozzles	(3) Needle Nozzles
(2) Retaining Nuts	(3) Backflow Restrictors	Instructions and MSDS