

PRO CRACKWELD®

CONCRETE FLOOR CRACK REPAIR KIT

CrackWeld® PRO Floor Crack Repair Kits make for quick and easy repairs of cracks and defects in concrete slabs, basement floors, slab-on-grade, industrial concrete floors, driveways, garage floors, concrete patios, and parking garages. CrackWeld is a two-component, low viscosity, rigid polymer that cures stronger than concrete within minutes after application.



STEP 1 - CRACK PREPARATION

The crack must be internally **DRY** before the application. If moisture is present, it could interfere with curing.

Clean the crack and surrounding surface area using a wire brush.

Remove loose concrete, dust, efflorescence, oils, sealers, or paint approximately 1-2 inches on either side of the crack. After brushing, vacuum the crack removing dust and loose debris from the surface and inside the crack.

STEP 2 - CARTRIDGE ASSEMBLY

- Shake cartridge vigorously for at least one minute.
- Holding cartridge upright, twist and remove the retaining nut.
- Remove nose plug.
- Install backflow restrictor on top of the cartridge.
- Place mixing nozzle on the restrictor.
- Slide the retaining nut over the restrictor and tighten.
- Place CrackWeld PRO cartridge in dual-caulking gun.

STEP 3 - PURGE CARTRIDGE

Slowly squeeze the trigger of the caulking gun to expel air and a small amount of unmixed product into a disposable cup. The CrackWeld dual-cartridge is now ready to use!

IMPORTANT - KEEP CARTRIDGE POINTED DOWN

After purging and during the application, try not to point the cartridge upwards. It could contaminate the resin inside the cartridge.

STEP 4 - APPLICATION

- Before applying CrackWeld, **partially fill the crack halfway with the silica sand** provided. This will prevent the low-viscosity resin from sinking deep inside the crack.
- **Apply CrackWeld into the crack**, saturating the silica sand and priming the sides of the crack.
- If the first pass does not fill the crack, **broadcast sand over the crack and refill the remaining void inside the crack.**
- **Soak the sand with CrackWeld** until saturated. Leaving a slight hump.



HAIRLINE CRACKS

- If the crack is too thin to accept sand, simply **gravity-feed the resin into the crack**. To level out, additional passes may be necessary until filled.
- When repairing hairline cracks, attach the needle nozzle by pressing it onto the top of the mixing nozzle.

STEP 5 - SAND THE SURFACE

Sand, grind, or scrape the surface in 10-15 minutes, once the resin reaches initial cure.



CLEAN UP

- Vacuum dust, sand, and loose debris.
- Dispose of used mixing nozzles.
- Unused product can be capped with the removed nose plug and reused.

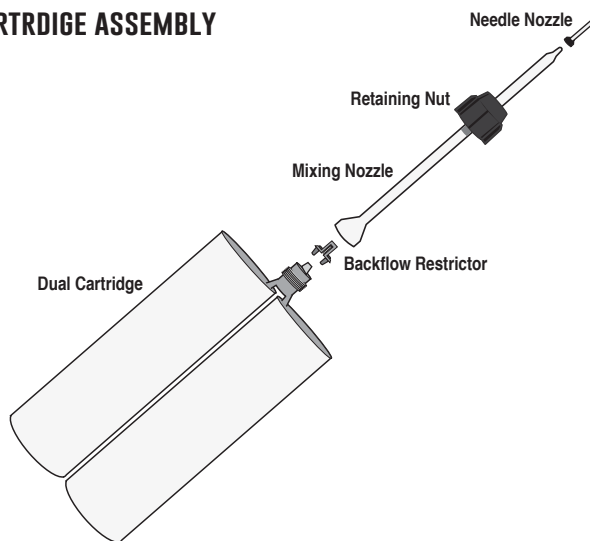
STORAGE

- Store locked up, in a dry, cool location out of direct sunlight.
- Do not store at temperatures above 100 °F.
- Avoid freezing.
- Shelf Life: 1-Year

KIT CONTENTS

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| (2) CrackWeld DUAL Cartridges | (3) Needle Nozzles |
| (1) DUAL Component Caulk Gun | (1) Pair of Gloves |
| (2) Retaining Nuts | (1) 4-lb bag of Silica Sand |
| (3) Mixing Nozzles | Instructions |
| (3) Backflow Restrictors | |

CARTRIDGE ASSEMBLY



FAQ

- Can I paint over CrackWeld?** Yes, CrackWeld is paintable. The cured resin will also accept adhesive, epoxy coatings, concrete patching, and similar.
- Can CrackWeld be stained?** No. CrackWeld will not properly accept a concrete stain.
- Will CrackWeld bond to itself?** Yes. If you experience some sagging and need to apply more, CrackWeld will bond to itself.
- Does the crack need to be completely dry?** Yes. CrackWeld has zero tolerance with moisture, which will affect the cure. To help speed up drying time, an air compressor or hair dryer can be used prior to application.
- What kind of sand is used?** The kit includes silica sand. Alternatively, a dry sand without fines can be used (construction sand).
- Are the mixing nozzles reusable?** No. If the resin hardens within the mixing nozzle, dispose and use a new mixing nozzle.
- How fast does CrackWeld cure?** Within 10-15 minutes and ready for foot and vehicular traffic once hard.
- Should I repair the crack before using RadonSeal Deep-Penetrating Concrete Sealer?** We recommend repairing cracks before deep sealing concrete with RadonSeal. However, either way would work.
- I can do this myself, right?** Absolutely! If you need expert assistance, please contact a RadonSeal technician who can help with application and any questions you may have.

