

# DRICORE™ PRO CONCRETE REPAIR CARBON FIBER REINFORCEMENT KIT INSTRUCTIONS

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## KIT INCLUDES MATERIALS TO REPAIR 1 WALL CRACK

- (1) 10" wide x 8' long unidirectional, horizontal carbon fiber strip
- (2) Tubes of DRICORE™ PRO Concrete Repair Adhesive Epoxy
- (2) DRICORE™ PRO Concrete Repair Static Epoxy Mixing Nozzles

## PRODUCT COMMONLY USED WITH CRACK REPAIR



DRICORE™ PRO  
CONCRETE REPAIR  
CRACK INJECTION  
KIT

## SAFETY WARNINGS

Please read and follow safety procedures for all tools and wear proper safety equipment during installation.

While using power tools follow all EPA/OSHA guidelines for lead paint removal and respiratory protection. For more information visit [www.epa.gov](http://www.epa.gov) or [www.osha.gov](http://www.osha.gov). Please refer to [dricore.com](http://dricore.com) for safety data sheets.

## TOOLS NEEDED

- Safety Goggles
- Scissors
- Safety Mask
- Marker
- Plastic Putty Knife
- Hammer
- Epoxy Gun
- Measuring Tape
- Gloves

## RECOMMENDED TOOLS



**Grinder equipped with 5-inch surface grinding dust shroud kit**  
Use for grinding foundation wall  
\*USE DIAMOND CUP WHEEL



**10-Gallon HEPA Dust Extractor**  
Collects dust while attached to grinder and shroud tools



**Hammer Drill**  
Use for concrete removal  
\*USE CHISEL OR SPADE TIP ATTACHMENT

**PLEASE READ ALL DIRECTIONS CAREFULLY & WEAR SAFETY GOGGLES BEFORE INSTALLING**

## 1 Preparation

- Locate where the DRICORE™ PRO Concrete Repair Carbon Fiber Reinforcement Kit will be installed
- Mark the crack at the top, middle and bottom of the wall
- Mark 6 inches (15 cm) on both sides of the crack at top, bottom and middle locations

**Tools:** Measuring tape, marker



## 2 Grinding

- Grind the foundation wall where the crack repair material will be installed (use previously marked locations as a guide)
- Achieve a bare foundation and expose the aggregate in the concrete or masonry

**Note:** Remove all caulk/latex/etc. from work area

**Tools:** Grinder



## 3 Placement

- Measure the height of the crack and add 6 inches (15 cm)
- Wearing gloves, cut carbon fiber to length
- Place the carbon fiber strap against the wall to ensure the entire crack will be covered; the additional 6 inches (15 cm) of carbon fiber allows you to cover more surface area than the crack itself takes up
- If installing more than one carbon fiber strap for a long crack, or cutting it to fit an oddly shaped crack, the carbon fiber should be overlapped 6 inches (15 cm) minimum
- Put the carbon fiber aside and proceed with the next step

**Tools:** Measuring tape, scissors/utility knife, gloves



## 4 Epoxy

- Wearing gloves, apply a thin layer of epoxy to the foundation wall working from top to bottom covering the entire prepped surface. Using a plastic putty knife, trowel epoxy to achieve a uniform coating
- Once a sufficient coating of epoxy is applied to the foundation wall, lay the carbon fiber over the epoxy ensuring the carbon fiber completely covers the crack
- Once the carbon fiber is secured to the wall, apply a thin layer of epoxy on the carbon fiber working from the top to bottom in 'S' shapes
- Use light strokes with a plastic putty knife to spread epoxy horizontally across the carbon fiber's tows focusing on the edges for a clean and secure installation
- The epoxy takes from 2-10 hours to cure depending on environmental conditions

**Tools:** DRICORE™ PRO Concrete Repair Adhesive Epoxy, epoxy gun, plastic putty knife, gloves

**Note:** Tubes may not appear to be completely filled due to the filling process; the quantity stated on the label is correct

**Optional:** Paint over the surface of the carbon fiber for a discreet finish

