

# RHINO CARBON FIBER CORNER WALL REPAIR KIT INSTRUCTIONS

Revision Date 9/11/2023

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01

## WHAT COMES IN THE CORNER WALL REPAIR KIT



### KIT INCLUDES

- (4) 10 foot carbon fiber straps
- (4) Tubes of Saturant-Adhesive Epoxy
- (4) Static epoxy mixing nozzles
- Gloves and Instructions

### PRODUCTS COMMONLY USED WITH CORNER REPAIR



Rhino Carbon Fiber Dual Epoxy Gun  
300/300 ml or 300/150 ml gun

## RECOMMENDED POWER TOOLS (TOOLS MAY VARY DEPENDING ON PROJECT)

### 5-Inch Surface Grinding Dust Shroud Kit\*



Use before and after installation  
\*USE DIAMOND CUP WHEEL

### 10-Gallon HEPA Dust Extractor



Collects dust while attached to  
grinder and shroud tools

### Tuck Point Grinder\* with Dust Shroud Attachment



Use to tuckpoint joints of cracks  
\*USE SINGLE DIAMOND BLADE

## YOU WILL ALSO NEED...

- Safety goggles
- Respirator mask
- Hard hat
- Coveralls
- Drop cloth/plastic
- Marker
- Hydraulic cement
- Epoxy gun
- Measuring tape
- Plastic putty knife

## 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).



1-888-684-3889 | [www.RhinoCarbonFiber.com](http://www.RhinoCarbonFiber.com)



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02

PLEASE READ ALL DIRECTIONS CAREFULLY & WEAR SAFETY GOGGLES BEFORE INSTALLING

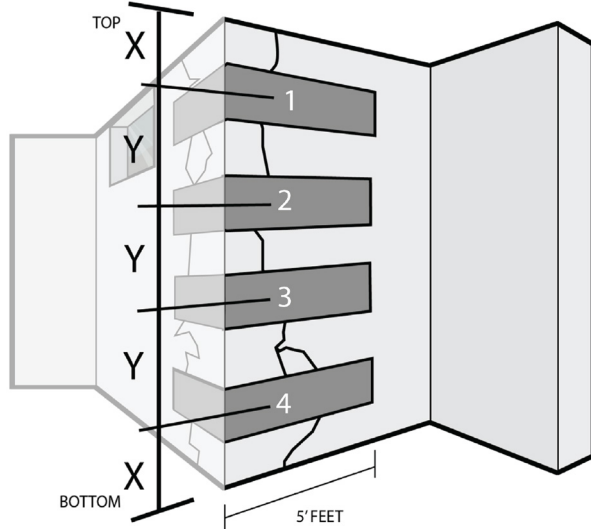


## 01 PREP

- To determine the spacing of the straps, reference the spacing guide below
- Measure the height of your basement wall (round to the nearest foot)
- Start at the top of the wall and measure down "X" to find location of the first strap (number 1 in diagram)
- Measure "Y" to find 2nd mark and so on
- On block wall repairs, carbon fiber straps must be installed to the face of the block, not over horizontal mortar joints

Tools: marker and measuring tape

## Spacing Guide



7' wall	X=1.5'	Y=1.5'
8' wall	X=1'	Y=2'
9' wall	X=1.5'	Y=2'
10' wall	X=2'	Y=2'



## 02 GRIND

- Grind 5 feet along each side of the wall starting at the corner  
NOTE: For block walls use existing mortar joints as a guide
- Grind the entire surface of marked areas, where the straps will be installed, to achieve a bare foundation
- Roll the grinder over the corner to provide a minimum 1/2" radius
- You must follow all EPA guidelines, visit [www.epa.gov/getleadsafe](http://www.epa.gov/getleadsafe) for all guidelines

Tools: grinder, dust extractor, safety goggles and mask



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## 03 EPOXY PREP (OPTIONAL)

- Cut strips of plastic and tape them to the wall between the strap locations to keep the work areas isolated

Tools: tape, scissors and plastic



## 04 MOUNT

- Starting at the top carbon fiber location, apply Saturant-Adhesive Epoxy evenly to the entire prepped area
- Mount carbon fiber to the wall keeping it as straight as possible (fold carbon fiber accordion style or keep it rolled up as you work across the wall)
- Using a plastic putty knife, work carbon fiber into epoxy to ensure proper saturation
- Apply a light coat of Saturant-Adhesive Epoxy to the surface of the carbon fiber and spread to ensure 100% saturation

Tools: gloves, epoxy gun, saturant-adhesive epoxy, carbon fiber and plastic putty knife



1. Mount carbon fiber to the wall



2. Work carbon fiber into epoxy. Add more epoxy if necessary



3. Repeat process to additional sections



## 05 CLEAN UP

- Once epoxy is cured and no longer running, remove tape and plastic
- Walls can be painted for aesthetic purposes once the epoxy has cured

Tools: gloves



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