

RHINO CARBON FIBER™ CORNER WALL REPAIR INSTRUCTIONS

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01

WHAT COMES IN THE CORNER REPAIR KIT?



KIT INCLUDES

- (4) 10 foot 5.5" bidirectional 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



Tough Wipes by Rhino Carbon Fiber™
Removes Epoxy!

RECOMMENDED POWER TOOLS

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

Tuck Point Grinder with Dust Shroud Attachment



Use to tuckpoint joints of cracks
**USE DIAMOND EDGE BLADE

YOU WILL ALSO NEED...

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

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 or www.osha.gov.



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02

PLEASE READ ALL DIRECTIONS CAREFULLY & WEAR SAFETY GOGGLES BEFORE INSTALLING

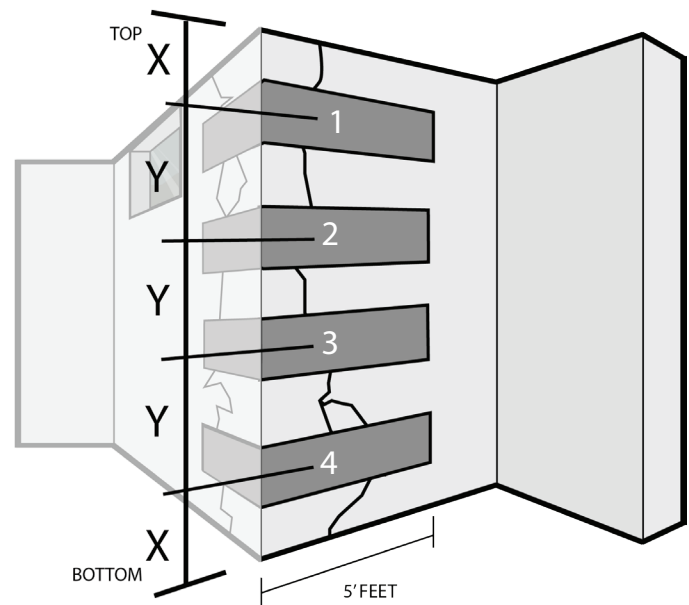


01 PREP

- To find the spacing of the straps reference the spacing guide for reference (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= 15"	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 market 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 for all guidelines

Tools: grinder, dust extractor, safety glasses, mask



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03



03 EPOXY PREP (Optional)

- Cut strips of plastic and tape them to the wall between the strap locations.

Tools: tape, scissors, plastic



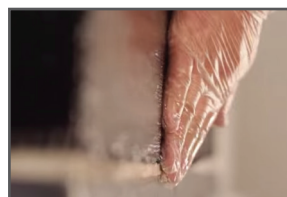
04 MOUNT

- Starting at the top carbon fiber location, apply epoxy evenly to the entire prepped area
- Mount carbon fiber to the wall keeping it as straight as possible.
(fold carbon fiber accordian 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, carbon fiber, epoxy, plastic putty knife (optional)



01: Mount carbon fiber to the wall



02: Work carbon fiber into epoxy.
Add more epoxy if necessary.



03: Repeat process to additional sections



05 CLEAN UP (Optional if you completed step 3)

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

Tools: gloves



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