WHAT COMES IN THE CRACK INJECTION REPAIR KIT?

**KIT INCLUDES**
- (1) Tube of Structural Injection Resin
- (2) Static epoxy nozzles
- (1) Tube of High Strength Anchoring Epoxy Paste
- (10) Ports
- Gloves and Instructions
- Safety Goggles
- Marker
- Respirator Mask
- Hammer
- Hard Hat
- Epoxy Gun
- Coveralls
- Wire Brush
- Drop Cloth/ Plastic

30 FOOT KITS HAVE 3 TIMES THE AMOUNT IN THAT KIT

**PRODUCTS COMMONLY USED WITH CRACK REPAIR**

**RECOMMENDED POWER TOOLS**

5-Inch Surface Grinding Dust Shroud Kit

Use for grinding foundation wall
**USE DIAMOND TIP WHEEL**

10-Gallon Dust Extractor

Collects dust while attached to grinder and shroud tools

Cutting and Tuck Pointing Dust Shroud Tool

Use to tuckpoint the wall
**USE DIAMOND EDGE BLADE**

Hammer Drill

Use for concrete removal
**USE CHISEL OR SPADE TIP ATTACHMENT**

**SAFETY WARNINGS**

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

Using power tools will put you in accordance with all EPA guidelines for lead paint removal. For more information on EPA guidelines visit www.epa.gov.
01 PREP

• Examine the crack that is being repaired
• Mark any areas that the crack is not continuous
• Lay plastic down on floor
• Clean the crack and immediate surrounding areas with a wire brush

Tools: Marker, Wire Brush, Plastic

02 PORT LOCATIONS

CONTINUOUS CRACKS:
• Mark port locations approximately every 18” starting from the bottom of the crack

DISCONTINUOUS CRACKS:
• Mark port locations just above any discontinuous point in the crack
• Space the remaining ports every 18” from the discontinuous locations

Note: Additional ports may be required for cracks with multiple discontinuous locations

Tools: Marker and measuring tape

03 PORT INSTALLATION

• Detach port cap from the side of the port and set aside
• Dispense a small amount of Rhino High Strength Epoxy Paste onto a disposable work surface such as cardboard or painters tray
• Roll the entire flat edge of the port in the Rhino High Strength Epoxy Paste
• Make sure the hole for the port is not plugged with epoxy
• Pressing firmly place the port directly over the crack at previously marked locations

Tools: Gloves, disposable work surface, ports
04 COVERING THE CRACK

• Dispense approximately 1/3 of the tube of the High Strength Anchoring Epoxy Paste onto the disposable work surface (like card board). Add more as needed.
• Apply the High Strength Anchoring Epoxy Paste over the entire crack
• Feather the epoxy approximately 2” or more out on both sides of the crack
• At port locations apply the epoxy around the entire port until the port base is no longer visible

Tools: Gloves, disposable work surface, spatula

05 INJECTION

• On the epoxy gun, swap the black plastic pull tab located on the back of the epoxy gun with one of the plastic pushers
• Place the Structural Epoxy Injection Resin with the static mixer into the epoxy gun
• Starting at the bottom port push the static mixer into the port until you feel a click
• Dispense resin until you see the resin coming out of the port located directly above
• Remove the epoxy gun and push the cap into the port
• Move to the next port and repeat the process until you have worked all the way up the wall
• Repeat entire process for the additional two corner repairs.

Tools: Gloves, port caps

06 CLEAN UP (optional)

• Once the epoxy and resin have cured knock the ports off the wall using a hammer

Tools: Hammer