

U-MIX® EPOXY WALL CRACK REPAIR KIT EPOXY INJECTION MATERIALS & ACCESSORIES

PRODUCT DESCRIPTION: Specco U-Mix® Epoxy Wall Crack Repair Kit contains all the materials needed to inject and seal 10 feet of vertical concrete wall crack. The information for waterproofing cracks in poured concrete has been compiled from several professional sources and is listed here as a recommended guideline. The U-Mix® Epoxy Wall Crack Repair Kit includes all of the materials and accessories needed for low pressure injection and repair of approximately 8-10 linear feet of crack.

CONTENTS:

2-10 ounce Injection U-Mix® Epoxy 121 LV resin in Universal (single gun) cartridges
2 application nozzles for above cartridges
1-Pint Unit (2-8 ounce jars-components A&B)- of Removable Surface Paste and Port Adhesive
1 plastic trowel for applying the Surface Seal Adhesive
12- Injection surface ports and caps
2 pairs rubber gloves
Installation DVD with visual instruction
Written Instructions
MSDS sheets (Material Safety Data Sheets)

TOOLS REQUIRED: Standard caulking gun (single component)

BENEFITS:

- Contains all the materials needed in one kit
- Easy to follow step by step DVD instructions
- Permanently stops water intrusion through the crack
- Provides high bond and compressive strengths

SURFACE PREPARATION: Place a drop cloth on the floor in front of the work area. Remove loose or flaking concrete, efflorescence, paint, or any coatings to approximately 1-2 inches on either side of the crack by use of wire brush or abrasion. Wipe the surface clean of dust after brushing. The crack surface must be dry for proper installation of injection ports and surface seal. For the best results if wet, wait a few days until the surface dries, or if necessary, use a hot air gun, hair drier, or an oil free compressed air to dry.

SURFACE PORT PLACEMENT: As a rule of thumb, ports are placed 8 inches apart and centered directly over the crack, starting at a point closest to the floor. Remove the plug caps from the surface ports and set aside temporarily.

SURFACE PORT ATTACHMENT: Be prepared to work quickly with the mixed adhesive. Pour small equal amounts of surface seal and port adhesive (about ¼ of each jar) onto a scrap piece of cardboard. Mix well for about one minute with the trowel supplied. Repeat this step each time additional port adhesive is needed.

APPLICATION: 1. Apply a small amount of mixed adhesive to the bottom of the port base. Place the port starting at the bottom of the crack and repeat every 8 inches until the entire crack is ported. NOTE! Do not allow the adhesive to block the backside of the port opening or the crack directly under it. The Injection Epoxy 121LV resin will need to pass through this opening. 2. The next step is to work the mixed surface seal along the entire length of the crack using the plastic trowel. The recommended adhesive application is 1/8" thick and 1" wide. Make sure to mound sufficient extra epoxy around the base of the ports. 3. Let the surface seal and port adhesive cure before beginning injection, about 2 hours or until fingernail hard.

INJECTION PROCEDURE: 1. Place the Injection Epoxy 121LV cartridge in your caulking gun. Remove both the plastic nut and then the cap. Place the mixing nozzle over the top of the cartridge and secure with the plastic nut. 2. Place the nozzle into the lowest port and begin pressing **gently**. Use about one tube every four to five feet. 3. Begin injecting slowly with low pressure allowing the injection epoxy time to flow into and fill all small fissures, until the epoxy begins to flow from the port above it. 4. Plug the first port with the cap provided, and move up to the next port. Repeat this procedure until the entire crack has been filled with the epoxy. Note! The secret to effective crack injection is patient low-pressure introduction of the epoxy. Small hairline cracks may take up to 2 minutes at each port for proper filling to take place. After finishing the job, go back and check the ports. Add more epoxy if necessary.

CLEAN-UP: The Surface Paste and Port Adhesive can be removed after the injection is completed. Wait approximately 12 hours minimum after injecting before removing the adhesive, using a chisel to assist peeling off the wall.

WARNINGS: Provide adequate ventilation during use. Wear safety glasses, rubber gloves (supplied), and avoid contact with the skin. For medical emergencies only, call Infotrac 800-535-5053.

H.M.I.S. CODES (Hazardous Materials Identification System) : HEALTH = 1, FLAMMABILITY= 2, REACTIVITY = 0, PERSONAL PROTECTION = E

STORAGE: 50 to 90 degrees F

SHELF LIFE: 1 year properly stored

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