



U-MIX® FLEX FOAM WALL CRACK REPAIR KIT

URETHANE FOAM INJECTION MATERIALS & ACCESSORIES

PRODUCT DESCRIPTION: *Specco U-Mix® Flex Foam 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® Flex Foam 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.

KIT CONTENTS:

- 2- 10 ounce *U-Mix® Flex Foam Urethane Injection Resin* in Universal (single gun) cartridges
- 2 application nozzles for above cartridges
- 1-Pint Unit (2- 8 ounce jars-components A&B) of Removable *U-Mix® Surface Paste and Port Adhesive*
- 1 plastic trowel for applying the *U-Mix® Surface Paste and Port Adhesive*
- 12- Injection surface ports and caps
- 2 pairs rubber gloves
- Written Instructions
- SDS sheets (Safety Data Sheets)
- Installation QR code to link for visual You Tube instruction:



<https://youtu.be/wR4hAxa4Ygo>

TOOLS REQUIRED: Standard caulking gun (single component)

BENEFITS:

- **Contains all the materials needed in One Kit**
- **Easy to follow step by step instruction**
- **Permanently stops water intrusion through open concrete cracks.**
- **Flexible repair allows repair expansion with any future wall movements unlike epoxy systems**

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 U-Mix® Surface Seal and Port Adhesive.** 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 **U-Mix® 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 of **U-Mix® Surface Seal and Port Adhesive** is needed.

APPLICATION: 1. Apply a small amount of mixed of **U-Mix® Surface Seal and Port 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 of **U-Mix® Surface Seal and Port Adhesive** to block the backside of the port opening or the crack directly under it. The **U-Mix® Flex Foam Injection Urethane** foam will need to pass through this opening. 2.

APPLICATION (CONTINUED): The next step is to work the mixed **U-Mix® Surface Seal and Port Adhesive** 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 U-Mix® Surface Seal and Port Adhesive around the base of the ports. 3. Let the U-Mix® Surface Seal and Port Adhesive cure before beginning injection. Allow about 2 hours or until fingernail hard.

INJECTION PROCEDURE: 1. Place the **U-Mix® Flex Foam Injection Resin** cartridge in your caulking gun. Cut the plastic top and then twist on the plastic nozzle. 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 foam time to flow into and fill all small fissures, until the foam 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 foam. Note! The secret to effective crack injection is patient low-pressure introduction of the foam. Small hairline cracks may take up to 2 minutes at each port for proper filling to take place.

CLEAN-UP: The **U-Mix® Surface Seal and Port Adhesive** can be removed after foaming is completed. Wait approximately 1 hour after injecting before removing the adhesive, using a chisel to assist peeling off the wall.

GHS HAZARD RATINGS: DANGER:



Irritant: Respiratory Tract Irritation.



Health Hazard: Reproductive Toxicity

WARNINGS: HEALTH HAZARD & IRRITANT: Avoid ingestion, skin and eye contact and inhalation of the vapors. Avoid contact with skin and eyes. Wear protective clothing and safety glasses during application. Use with OSHA/NIOSH approved air (vapor) respirator. Keep away from food and drink. Do not take internally. **FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN.** Refer to product S.D.S. (SAFETY DATA SHEET) for **FIRST AID INFORMATION, or any related health and safety information before using this product.** For medical emergencies only, call **INFOTRAC @ 800-535-5053.**

H.M.I.S. CODES: (Hazardous Materials Identification System):

HEALTH = 2, FLAMMABILITY = 1, REACTIVITY = 1, P. PROTECTION = G

STORAGE: 50 to 90 degrees F

SHELF LIFE: 1 year properly stored

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