

FLEX  MERIC™

**PROFESSIONAL**

# **CRACK REPAIR KIT**

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FLEXKIT-1200

FLEXKIT-1300

FLEXKIT-1350

STEP-BY-STEP

**INSTRUCTIONS**



## **REQUIRED TOOLS & MATERIALS**

- Flexomeric FLEX-1200/1300/1350 Crack Repair Resin(s) (600ml Dual-Pack)
- Dual-Component Injection Gun
- Static Mixers (Nozzles)
- Retaining Nut(s)
- Plastic Trowel
- Rubber Gloves
- Wire Brush
- Safety Goggles
- Shop Vacuum (Not included)
- Hand Grinder (Not included)
- Pliers (Not included)

## **WARNING**

- Be careful around floor drains and drainage tile.
- Protective gear must be worn.
- Uncured resins can irritate eyes and skin. Ensure good ventilation or wear respirator. See Safety Data Sheet.

## **CRACK INJECTION PROCEDURE**

Read the following instructions completely prior to starting the repair. Follow the each step carefully. Be prepared. Wear protective goggles, suitable gloves, and clothing.

### **Step 1: Preparing the work area**

- Cover any nearby furniture, appliances, or other personal belongings to avoid concrete dust caused by grinding the crack.
- Lay out all kit components and required tools to ensure all components are present.

### **Step 2: Chasing the crack (Optional, but recommended)**

Using the hand grinder, follow the crack, cutting about 1/2" to 3/4" groove into the crack.

### **Step 3: Cleaning the crack**

Using the shop vacuum, clean the crack from loose concrete, dirt, and other debris.

### **Step 4: Sealing the crack by gravity injection**

- Holding the dual-pack in an upright position, remove tip cover and snap the top part of the dual-pack using pliers. Tips may be used to reseal the dual-pack for later use.
- Attach the static mixer (nozzle) and tightly screw on the retaining nut to hold the nozzle in place.
- Keeping the dual-pack in an upright position, load the dual-pack into the dual-component injection gun. Be very careful that the resin from one component does not travel to the second component, as it can cause premature curing.
- Starting from one end of the floor crack, insert the nozzle tip into the crack and inject slowly, applying even pressure, allowing material plenty of time to react and gravity feed through the crack thickness.
- Continue injection along the crack, working in 3' to 4' sections, back and forth until the resin becomes level with the floor.
- Starting again at the starting point of injection, re-inject the crack areas that the resin has gravity fed deeper into the crack, until the resin becomes level with the floor.

### **Step 5: Cleaning the surface**

Using the plastic trowel, smooth any overflow of resin along the crack to ensure it is completely filled and levelled.

### **Step 6: Finishing the surface (Optional)**

Allow the crack to fully cure, approximately 15 to 30 minutes or when dry and hard to the touch. Using a hand grinder, grind the surface of the crack area to finish the crack repair by removing any excess cured resin, leaving a smooth finish.

# THANK YOU FOR YOUR ORDER

## NEED MORE MATERIALS?

To order additional materials, you may contact us by phone at 1-855-236-5566 or visit our online store at:

**[www.flexomeric.com](http://www.flexomeric.com)**

## HAVE ANY QUESTIONS?

We are happy to help answer any questions you may have regarding your concrete crack repair and how to use this kit. One of our concrete crack repair specialists will be available to answer your questions.



1-855-236-5566



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