



---

## LIQUID CRACK REPAIR - Cracks

---

Liquid Crack Repair is a fast setting, early high strength repair material that is very versatile in repairing and re-building damaged concrete. Liquid Crack Repair is a dual component, 1:1 ratio, easy to mix system that is 100% solids and VOC free. It can be used to set anchor bolts, repair damaged control joints, fill spalling, and rebuild vertical curbing and steps. Liquid Crack Repair is an excellent choice for quick repairs and return-to-service. It can be applied at any temperature (Cures from -30°F to 140°F) with adjustable workability. Silica Sand can be added to extend the volume of the material and act as a filler for repairing large spalls, holes, and cracks. Liquid Crack Repair is used to repair cracking, spalling, pitting and edge damage during the preparation phase of installing coatings. This material will be used to overfill the damage in the concrete and then be profiled using diamond grinders to create a flush surface ready for coating. Proper preparation for filling of cracks and spalling is essential for long term adhesion of the Liquid Crack Repair to the concrete being repaired.

---

### CRACK REPAIR

Chase all cracks with a crack-chasing blade (v-shaped diamond) on a hand grinder to open and prepare the crack for filling. This will leave the crack at about a 1/4" wide and clean the sidewalls of the concrete.

This is an essential step for long term adhesion of the Liquid Crack Repair to the concrete.

Oil, grease, etc. could have seeped into the crack and if the edges are not chased out the material has minimal chances of staying in place. Chasing the cracks will also create a space that is large enough to support a "full body" of repair material and allow it to gain maximum strength.

Vacuum the chased-out cracks to remove any loose dust prior to filling with sand or Liquid Crack Repair. Dry silica sand or utility sand can be used to fill in voids where the liquid filler would simply soak in down the crack. If using sand as a backer, always use your finger or tool to strike the sand off at about 1/4" down from the top of the substrate. The Liquid Crack Repair will soak into the sand at the same time it is bonding to the concrete, creating a strong filler that will literally "weld" the concrete back together.

**\*\*\*DO NOT USE PLAY SAND OR SAND WITH MOISTURE IN IT.\*\*\***

Normal practice will be to chase out and vacuum all cracks before beginning the filling process. That way no mixed material will go to waste when cracks are not ready to be filled. Liquid Crack Repair can be a time-consuming activity, so always make sure to charge the customer and schedule accordingly. Also, always have enough material on hand to complete all repairs without running out on site.

Before use every day, always mix both and well before combining. below are two methods for mixing:

Over a mix bin or garbage can, pour out equal amounts of Part A and Part B in two separate paper Dixie cups. Mix the two cups back and forth about 10 times, or for 10-15 seconds to combine and blend the components.

Using small, calibrated mixing containers, combine equal amounts of Part A and Part B and blend thoroughly with a paint stick or drill with paddle style mixer for about 10 seconds. Dry silica sand can be added to the mix to thicken it up, acting as both a filler to increase the volume and to lessen the chances of the material flowing and sinking into deep cracks.

Liquid Crack Repair will react immediately upon mixing and should be placed within 1 minute to guarantee adhesion.

Pour the mixed material onto the floor and over-fill cracks to ensure a level surface after grinding. If using Dixie cups for mixing, always pinch the top of the cup to create a small pour spout for better accuracy when pouring.

If sand is added to the mixture, it may be beneficial to use a putty knife to move the filler into place. Any material that is not "in the crack" could be considered waste, as it will eventually be ground off to profile the Liquid Crack Repair and the slab.

*Always reference the Technical Data Sheet for product information, recoat time and application restrictions.*

---

GARAGE FORCE 1601 RAMSEY PL LA CROSSE, WI 54603  
855-436-7230

*Contact a member of the Garage Force Technical Team for additional information.*