



## Pointing: How to Repair A Cracked Foundation

Unfortunately, cracked concrete, like glass, can never be completely repaired. If you're worried about your foundation, don't play your Caruso records in the basement. If, however, a crack develops in the foundation wall, it is easily patched and will prevent leakage as effectively as when the wall was new. But remember: all foundation work can only be done on the inside of the structure as the exterior wall of the foundation is beneath the ground and very tough to get to.

### Utensils

Ball peen hammer  
Cold chisel, 1" inch edge  
Wire brush  
Paintbrush

### Ingredients

Roll of fiberglass cloth  
Quart can of polyester resin  
Tube of polyester catalyst

Approximate Time: 90 Minutes, Depending On Size & Location Of Crack

1. Chisel out a V-shaped groove where crack is located approximately 1/2" inch deep into the foundation wall for the entire length of crack (Fig. 99A).
2. Clean 12" inches both sides of groove with wire brush (Fig. 99B).
3. Make chipping marks 6" inches on both sides of groove, 3" or 4" inches apart.
4. Cut piece of fiberglass cloth to cover groove.
5. Mix half of a can of resin, and catalyst, as directed on can. Observe precautions.
6. Apply mixture liberally with paintbrush to groove and 12" inch adjacent area.
7. Lay fiberglass cloth in groove (Fig. 99C).
8. Apply heavy coat of resin mixture to fiberglass cloth, eliminating air bubbles as you go.
9. Let dry 1 hour.

10. Mix second half of polyester.

11. Apply and reapply remainder of resin mixture over fiberglass cloth until mixture is gone.

12. Let dry. This will do the trick.

13. Discard can and brush in waste can.

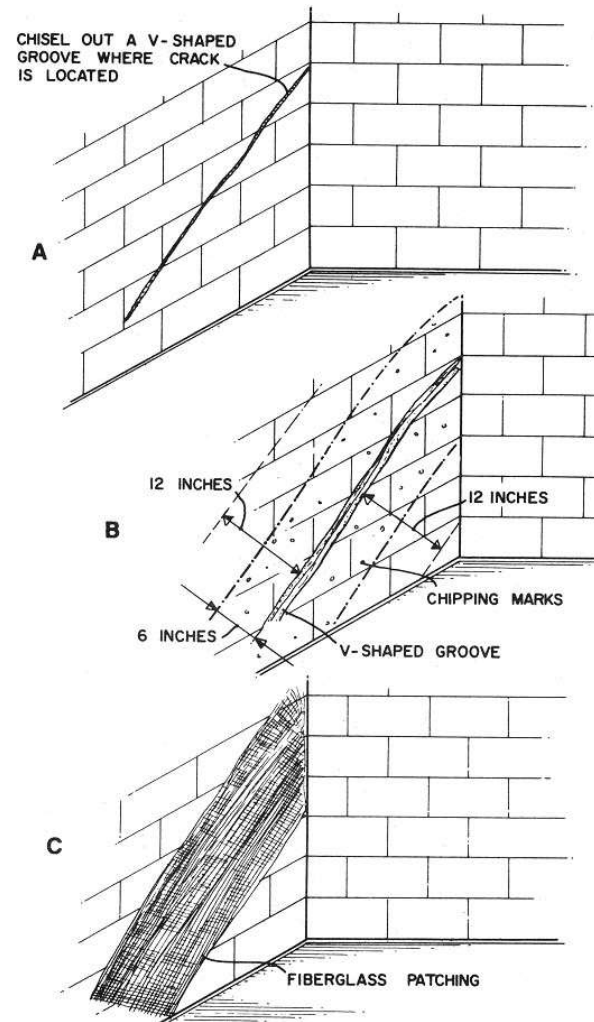


Figure 99.  
How To Repair a Cracked Foundation