

How to patch holes and repair cracks in concrete

Simple Steps:

1. Remove all loose debris, dirt and dust from the crack or holes
2. Where necessary, use a concrete grinding disk to cut loose or chipped edges and then clean thoroughly
3. Use water and dampen the concrete. This allows longer working time and a better key in of the Rockite or Kwixset
4. With holes (cracks if possible) sprinkle dry Rockite or Kwixset powder on to damp surface and scrub in with a stiff brush. This helps force the fine particles of Rockite and Kwixset into the pores of the concrete
5. Add water to the Rockite or Kwixset mixing to a pancake type batter. If too much water has been added thicken with more Rockite or Kwixset powder
6. Pour mixture (should flow like molten lava) into cracks or the hole to self level with the concrete floor
7. When the Rockite or Kwixset begins to thicken (about 10 minutes) smooth out any imperfections with the surface of a cement trowel
8. After 30 minutes use a damp cloth to wipe off any excess mixture. Sprinkle patch with water.
9. Foot traffic may be resumed immediately. For heavy trucking allow at least one hour.
10. Wash hands and tools with water



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How to Anchor

Bolts, Post, Starter Rods, Machines, Pumps etc into concrete & stone

1. Drill the hole never less than 2 inches (50mm) in depth
2. Blow out all the dust and loose particles.
3. Flush out hole with water. Be sure to remove excess water leaving the hole clean and uniformly damp. (the substrate can be damp when Rockite or Kwixset is poured into the hole)
4. Mix the Rockite or Kwixset to a batter type consistency for vertical fixings or to a plasticize type putty for horizontal fixings
5. For anchoring machinery in concrete, use the fluid consistency as above. Insure that anchor rods have nut head and washer on before placing them in the opening. Pour the Rockite into the space around the rod/bolt. Tamp bolt to settle Rockite completely around the rod/bolt.
6. For exterior anchoring of ornamental iron, pour the fluid consistency (as above) around the rod, tapping the rod to settle the Kwixset.
7. For anchoring into vertical walls, use the plasticized consistency Fill the holes with the plastic cement first. Then tamp the bolt or rod into place. If the cement becomes to fluid because of the tamping process and sags out of place, let it stand for a few moments and it will stiffen. Carry on with procedure.
8. Let the Rockite or Kwixset harden for at least 30 minutes. (Initial set is 15 minutes). For heavy equipment, allow one hour. All fixings can be stressed after two hours



Remember. The greater the diameter of your drilled hole the greater the hydraulic force will be to hold in your anchors/bolts etc. See test results

Freezing Temperature Application

The procedure described in the foregoing may be used safely at temperatures down to 25 degrees Fahrenheit. If the temperature is below 25 F, keep the Rockite or Kwixset in a warm place before using. When ready to apply, mix the Rockite or Kwixset with warm water and keep the mixture in a warm area. As soon as the mixture begins to stiffen slightly, (approximately 10 minutes after the water is added) pour the mixture quickly into place. The hardening process then creates heat and protects the Rockite or Kwixset from freezing. Do not add anti-freeze compounds to the Rockite or Kwixset mixture.

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