



QC Crack Repair Kit

Product Information Bulletin 29.0906P

QC CRACK REPAIR KIT

Uses and Benefits

- QC CRACK REPAIR KIT is a specially formulated Crack Repair Epoxy and repair fabric that will successfully bridge most non-moving cracks.
- QC CRACK REPAIR KIT is an easily applied system to be used in conjunction with QC THIN-PAVE NI*, QC CONCRETE RESURFACER*, QC CONCRETE RESURFACER HD* or other overlayers.
- This repair system is designed to be covered with an overlay and not left exposed to the elements.
- When properly applied, the appearance of the surface remains unaffected leaving no film or coating to be worn away.

Surface Preparation

1. Clean the Area: Prepare a path approximately 1/2" wide, centered on the crack line. Use QC CONCRETE DEGREASER AND NEUTRALIZER* to remove any oily residue from the surface. Any loose or unstable paints, sealers, curing compounds, etc., must be removed with QC SEAL STRIPPER* or a surface grinder. Do not use acid.
2. When the surface is dry and free from residue, pour and brush #90 or #60 silica sand into the crack (sand particle size dependant upon width of crack). Use a soft brush to remove excess sand from surface. A damp sponge may be used to remove remaining dust.

Mixing Instruction

1. Pour Part A into a mixing container. To avoid wasting material, mix only enough material to be used within a 20 minute period (approximately 1 qt.).
2. Begin mixing Part A using a drill motor and mixing paddle while slowly adding an equal amount of Part B.
3. **IMPORTANT!** Equal amounts of Part A and Part B must be mixed to assure proper cure and hardness. If unequal amounts of Part A and Part B are mixed, the crack repair material will remain tacky and soft.
4. Mix for 2-3 minutes, or until parts A and B are blended completely.

Application

1. Pour a thick bead of the epoxy directly over the crack; enough to spread 2" to 2.5" on each side of the crack.
2. Use a 4" broad knife or trowel to spread a thin coat of epoxy material.
3. Immediately after spreading and while material is still wet, place the repair fabric onto the wet epoxy. Center the fabric over the crack and trowel it down smooth.
4. Allow the first coat of epoxy and fabric to dry for 2 hours. More time may be necessary in cold weather applications.

5. Repeat the steps 1-3 after the first application is completely dry. Completely cover the repair fabric and feather the edges to a smooth, no lip that gradually climbs to thickness of the epoxy.
6. Allow the second coat to dry fully before overlayers are applied.

Limitations

- The system is not designed as a structural repair for cracks, but to cover the crack so it is not seen in the surface of an overlayment.
- Do not apply in temperatures below 45° F.

Drying Times

- Drying times will vary depending on surface porosity, temperature, humidity and local conditions.
- Dry time should be approximately 2 hours for each of the two applications.

Coverage Guide

- Crack Epoxy: 100 linear feet per gallon (50-150 feet per kit)
- Crack Repair Fabric: 150 linear feet per roll (150 feet per kit)

Technical Data Part A

- Appearance and Odor.....Black or blue gray liquid, slight odor
- Specific Gravity.....1.14
- Boiling Point.....392° F
- Melting Point.....N/A
- Water Solubility.....Slight

Technical Data Part B

- Appearance and Odor.....Amber liquid, ammoniacal odor
- Specific Gravity.....0.95
- Boiling Point.....600° F
- Melting Point.....N/A
- Water Solubility.....30%

Product Handling

For complete instructions on handling and use, consult the corresponding Material Safety Data Sheet before using product.

Warranty

QC CRACK REPAIR KIT is warranted to be of uniform quality within manufacturing tolerances. Since control is not exercised over its use, no warranty, expressed or implied, is made as to the effects of such use. Seller's and manufacturer's obligation under this warranty shall be limited to refunding the purchase price of that portion of the material proven to be defective. The user assumes all other risks and liabilities resulting from use of this product. If you have any questions, please contact QC CONSTRUCTION PRODUCTS.

*PLEASE REFER TO CORRESPONDING PRODUCT INFORMATION BULLETIN FOR TECHNICAL AND APPLICATION DATA.

www.qcconstructionproducts.com

For complete information on all QC products—including product information catalogs, product brochures, color charts, technical specifications, sales aids and more—contact QC CONSTRUCTION PRODUCTS.

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