



# TAKE A BITE CRACK REPAIR

OUT OF

**FAST • EASY • EFFECTIVE LONG TERM  
REPAIR LOW COST • COMPATIBLE FOR  
ANY OVERLAYS / TOP COATS / PAINT**

Are you looking for a simple yet effective crack repair system? Do you want to eliminate service callbacks on crack repairs? Do you spend too much time and labor servicing crack repairs? The StitchDog™ Carbon Fiber Grid Stitch with Epoxy Riveting Technology (ERT) Crack Repair System is your answer!

The StitchDog™ Carbon Fiber Grid Stitch with ERT Crack Repair System revolutionizes concrete crack repair by combining carbon fiber stitching embedded in a structural epoxy adhesive. A true structural repair that can be used for vertical or horizontal crack repair.

The StitchDog™ Carbon Fiber Grid Stitch with ERT Crack Repair system is the first commercially available concrete crack control stitching system designed to transfer load away from repair materials preventing cracking fatigue and distributes load to solid concrete. The StitchDog™ Carbon Fiber Grid Stitches (CFGs) are comprised of high tensile strength and modulus carbon fiber that is encapsulated in a thermal set resin and cured under pressure during manufacturing process.

Common applications include basement floors, garage floors, driveways, patios and sidewalks.

## ADVANTAGES

- Easy to install and takes just 5 minutes
- 1-step cut saves time - no need for drilling or other prep work
- Adds little cost to entire crack repair
- Transfers load away from crack repair
- Creates less creep and faster transfer of load stress than steel
- Will not rust or corrode
- **Working time:**  
Gel State:  
SDR-4000 - **100 minutes**  
SDR-4020 - **100 minutes**  
Fully Hard: **4 hours**  
(approx.)  
*(Note - temperature of epoxy and concrete will affect working times)*
- Minimized aesthetic impact - compatible with overlay, top coat or paint

**01**

increases strength and stiffness

**02**

transfers load away from the fracture

**03**

restores tensile strength across the crack

**04**

inhibits cracks from expanding or getting larger

## WHY USE CARBON FIBER?

Very few crack repairs fail immediately. It is long term creep and fatigue of concrete with the movement of foundation that causes concrete to crack. By using the StitchDog™ Carbon Fiber Grid Stitch with ERT Crack Repair System to cross-stitch a crack, this creep and fatigue is eliminated and improves long-term performance of repair material. Carbon fiber has proven to be a safer and more effective product for structural reinforcement than steel. Countersunk Carbon Fiber Stitches will not rust or deteriorate

Epoxies alone cannot guarantee that further movement of the crack is arrested. The crack may reoccur in the same area without further stabilization. By applying the StitchDog™ Carbon Fiber Grid Stitch with ERT Crack Repair System across the face of the crack, the load is distributed away from crack to the portion of the concrete that is not cracked. This prevents fatigue and re-cracking at the crack repair line. With the StitchDog™ Carbon Fiber Grid Stitch with ERT Concrete Crack Repair installed you can be confident the crack will not reoccur and the repair will last.

## STITCHDOG™ CARBON FIBER CRACK REPAIR PRODUCTS

### STITCHDOG™ 4000 HI-TEMP TOUGHENED STRUCTURAL ADHESIVE

is a low viscosity epoxy designed for flat crack repairs.

### STITCHDOG™ SDR- CFGS CARBON FIBER GRID STITCHES

should be placed every 10 - 12 inches along the crack repair.



### STITCHDOG™ 4020 FAST EPOXY HI- MOD GEL- NO SAG FORMULA

is a high viscosity epoxy designed for vertical and overhead crack repairs.



# LET'S DO THIS!

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