



**RHINO**  
CARBON FIBER  
REINFORCEMENT PRODUCTS



## RHINO CARBON FIBER CONCRETE CRACK LOCK STITCHES

**Rhino Carbon Fiber Concrete Crack Lock Stitches Repair And Reinforce Concrete Cracks In:**

- Concrete Slabs
- Swimming Pools/Decks
- Foundations
- Poured Walls
- And More

**10X STRONGER THAN REBAR\* • LESS INTRUSIVE • COST EFFECTIVE • FASTER & CLEANER INSTALLATION**



**Easy & Fast  
Installation**



**Excellent  
Corrosion &  
Fatigue Properties**



**High Strength  
to Weight Ratio**

**Rhino Carbon Fiber Concrete Crack Lock Stitch Advantages:**

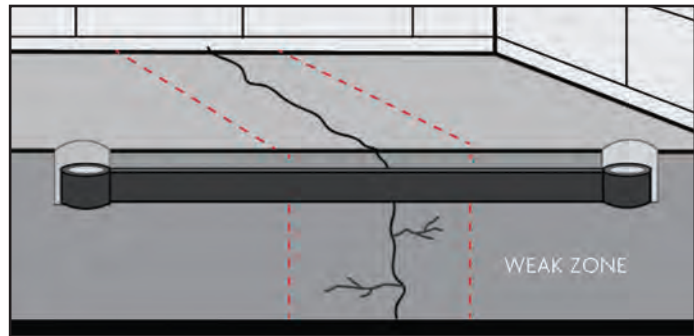
- Stitch cracks in place to prevent expansion due to live or dead loads
- Minimal aesthetic impact; can easily be painted or covered with a finishing product
- Takes advantage of the carbon fiber's tensile strength



**A revolutionary carbon fiber product designed to make crack reinforcement more efficient and less labor-intensive.**

**Application Instructions**

1. Concrete Crack Lock (CCL) can be installed every 8" to 12" (20 cm to 30 cm), positioned perpendicular to the crack with slightly varied angles.
2. Center CCL over the crack and trace the outline.
3. With a .08" (2 mm) thick blade, make the cut across the length of CCL, ensuring a minimum depth of 5/8" (16 mm).
4. Drill 1/2" (13 mm) holes at each end of the cut where the CCL ends will be inserted.
5. Clean loose debris, fill cut and holes with RCF High Strength Anchoring Epoxy Paste, then insert CCL.
6. Top off the cut with Anchoring Epoxy until it is even with the surface and scrape away any excess.
7. Paint or seal over the repair.



COMPOSITE PROPERTIES (ASTM D3039)		
Property	Imperial	Metric
Guaranteed Tensile Strength	195 ksi	1349 MPa
Web Thickness	0.055 in	1.40 mm
Web Width	0.420 in	10.67 mm

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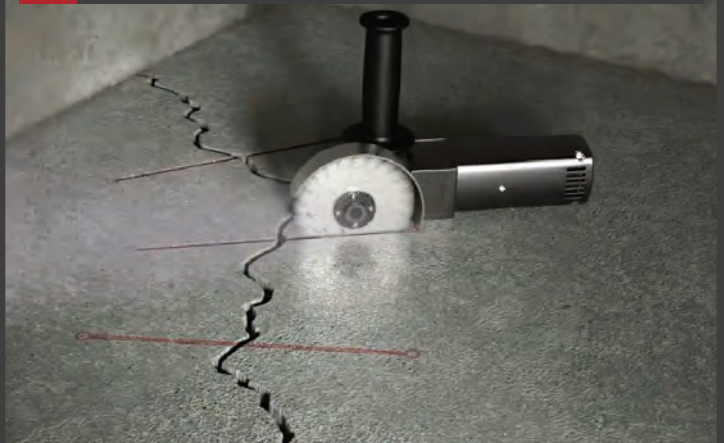


# HOW TO INSTALL CONCRETE CRACK LOCK STITCHES

**1** Mark along the crack 8" to 12" apart.



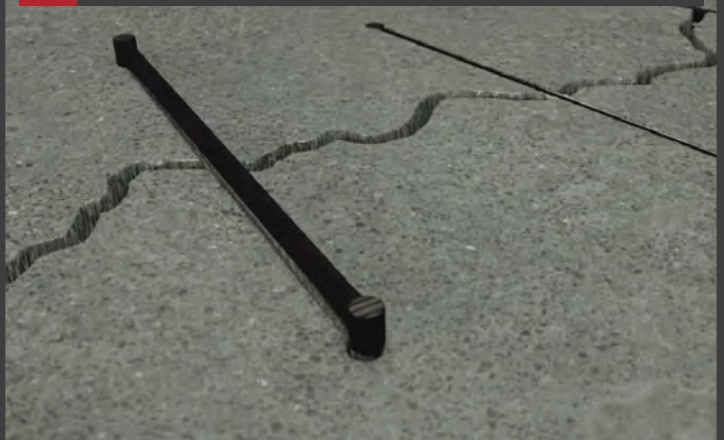
**2** Cut minimum 5/8" deep across the length.



**3** Drill 1/2" hole at each end.



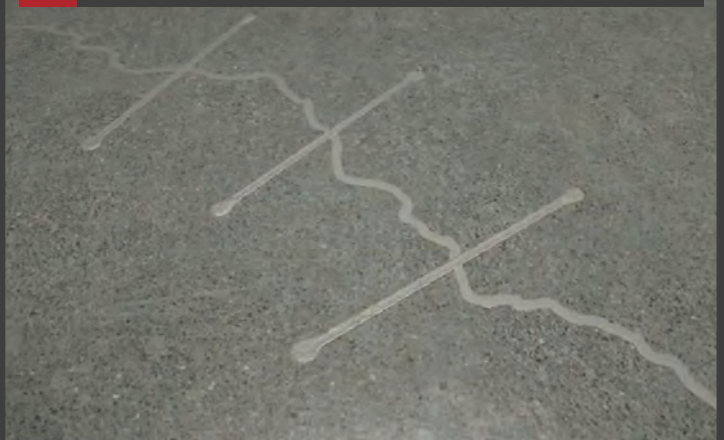
**4** Clean debris, fill with Anchoring Epoxy, insert stitches.



**5** Fill with Anchoring Epoxy until even with surface.



**6** Scrape off excess, let cure, finish: overlay, seal or paint.



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U.S. Patent Pending, U.S. Patent Application Publication No. 20190010719 | \*Grade 30 steel rebar, measured in tensile strength.

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