TORQUE LOCK™

Finally A Rock Solid Solution To Structural Crack Repair

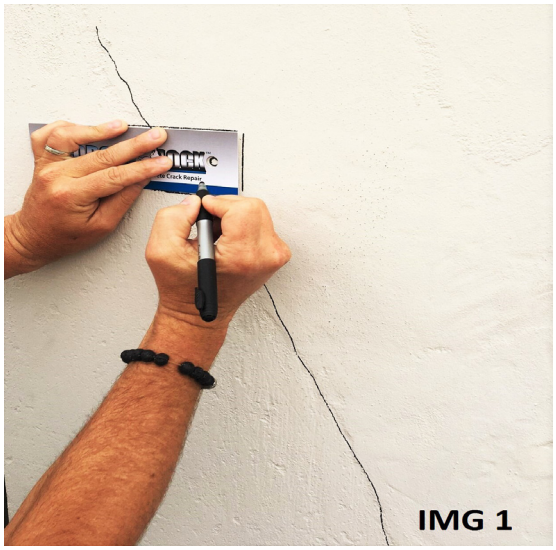
******WIPE OFF ANY EXCESS OIL ON STAPLE DUE TO PACKAGING***

Step 1

Using the templates provided, trace and mark cutouts along the crack approximately every 12 inches alternating between the large and small templates. Then using a pencil, trace the circles for the holes to be drilled on either side of the crack. **(IMG 1)**

Step 2

On drill markings, drill into structure a minimum of 4 inches deep using a ½ inch masonry bit. Then, using a masonry saw, cut into structure along marked lines approximately 2 inches deep and chip out that area that is cut. (This is to recess staple) NOTE: If you should drill deeper than the recommended depth as described above, this will have no effect on the performance of the Torque Lock Staple.


IMG 1

Step 3

Assemble the unit first, then using the epoxy provided, apply into previously drilled holes. With both hands, slide pins into pre-drilled holes. Then, push the Torque Lock unit back until the locking plate is recessed approximately 1.5-2 inches into the wall-it may be necessary to tap it back with a hammer. ***NOTE: DO NOT GET EPOXY ON THE CAM OR LOCKING PLATE!!!***

IMPORTANT: MAKE SURE RATCHET SQUARE IS FACING INWARD WHEN SETTING STAPLES AS SHOWN

Step 4

Making sure that the epoxy used is set up (read label for manufacturer instructions), and using a **torque wrench and a 3/8th's ratchet attachment**, insert in ratchet square and tighten clockwise.

PLEASE NOTE: If installing Torque Lock Staples in either a gunite or shotcrete application, it is recommended to achieve **22 lbs of torque on 6 inch staples and 3 inch staples.**

HOWEVER: If a structural crack has another crack within a **5 foot distance,** the **6 inch and 3 inch staples should be torqued at 12 lbs.**

IMPORTANT: DO NOT TIGHTEN ABOVE RECOMMENDED FT LBS OF TORQUE PRESSURE AS DESCRIBED ABOVE OR 180 DEGREES, WHICHEVER COMES FIRST.

Step 5

Using a diamond or carbide blade, 'v' open crack between cut-outs. Be sure to clean out the crack and cut outs of all dust and debris.

Step 6

Using a non-shrinking cement (hydraulic cement), fill in the crack and cut outs. Use a trowel to pack in cement tightly, making sure you leave no voids. After finishing this process, you can cover the repaired area(s) with any finishing product preferred (plaster, paint, tile, marcite, cool deck, etc.)

You can also watch our demonstration video on you tube! Just search Torque Lock for a quick item search or visit : https://www.youtube.com/watch?v=oBPXA1SxJdI

Torque Lock
www.torque-lock.com
Calabasas, CA.
818-436-2953
info@torquelock.com