

ECP



WALL SYSTEMS



TIEBACKS • PLATE ANCHORS • CARBON FIBER
Designed and Engineered to Perform

WALL ANCHOR:

noun

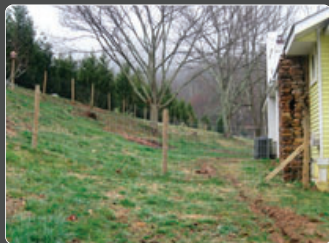
\ 'wɒl \ən-chor | \ 'ɑːŋ-kər \

to stabilize, straighten, and fasten bowing walls

WHAT CAUSES BOWING OR LEANING FOUNDATION

The most common cause of bowing or leaning foundation walls is excessive lateral force on the exterior known as Hydrostatic Pressure. When the pressure becomes too much for the wall to handle, it starts to bow, crack, or lean inward.

- Water running down sloped hillsides by your home
- Improper landscaping
- Water collected in looser, backfilled soil
- Pooling ground water
- Improper gutters that don't redirect water efficiently



ECP'S WALL REPAIR SOLUTIONS

HELICAL TIE-BACK ANCHOR

Helical Tie-back Anchors are screwed into the ground to repair foundation walls and retaining walls from lateral movement. Hydraulic gear motors are used to advance the galvanized helical into the ground. Generally, Helical Tie-backs are installed through a 3 to 4 inch cored hole in the basement wall. Length of material will vary depending on the soil types.



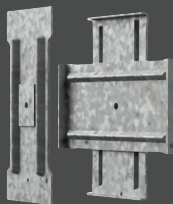
CARBON FIBER

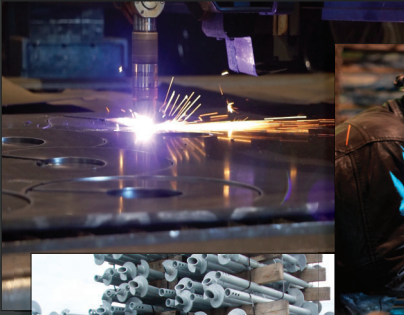
Carbon Fiber is a woven fabric epoxied to foundation walls to prevent further inward movement of block walls vs poured walls. In addition, Carbon Fiber is used to prevent cracks from widening further.



PLATE ANCHORS

Plate Anchors consist of an interior zinc plate on the foundation wall and an exterior galvanized cleat in the soil. They are connected by galvanized all-thread rod that ties the two pieces together. Overtime this system can be used to straighten a wall if desired.





15612 S. Keeler Terrace
Olathe, KS 66062
Phone: 913-393-0007
Fax: 913-393-0008
Toll Free: 866-327-0007
www.getecp.com