

# ECP

# WALL SYSTEMS



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

# WALL ANCHOR:

*noun*

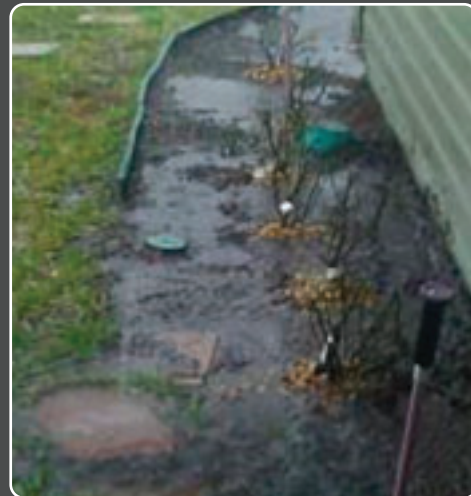
\ 'wɒl \ ʌn-chor | \ 'ɑŋ-kər \

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 even break.

- Water running down sloped hillsides by your home
- Water collected in looser, backfilled soil
- Pooling ground water
- Improper gutters that don't redirect water efficiently
- Negative soil slope to your foundation
- Excessive rainwater



# HELICAL TIE-BACK ANCHOR

A Helical Tie-Back Anchor is a galvanized steel shaft with helical plates used to reinforce foundation and retaining walls for lateral stability. Hydraulically driven into the ground using a handheld gear motor, Tiebacks are installed through a 3 to 4-inch core hole into the basement wall until the minimum depth is obtained.



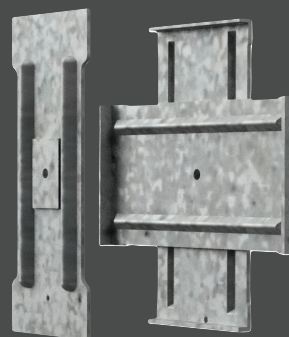
# CARBON FIBER

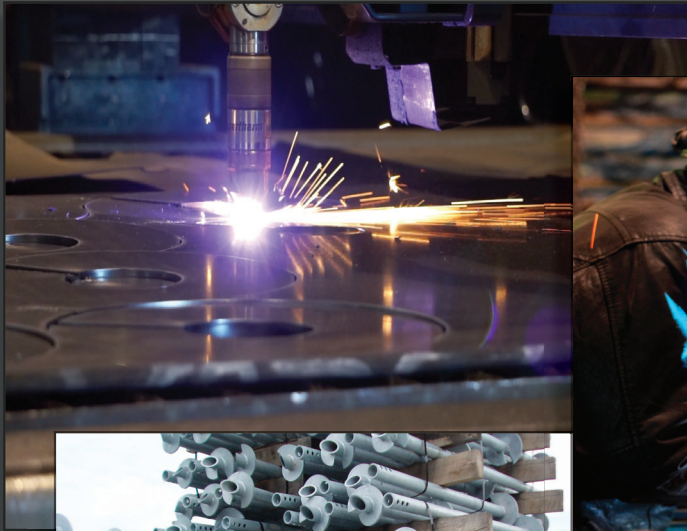
Carbon Fiber is a high-strength, bi-directional directional support system that is woven into one of the world's strongest fabrics used to repair bowed foundations walls. This repair solution works on both poured and blocked walls which prevents the cracks from widening and the wall from moving inward.



# PLATE ANCHORS

Plate Anchors consist of a zinc covered plate that are strategically placed on the interior of the wall. The high strength anchors are hammer drilled through the basement wall which is then anchored to the galvanized steel cleat outside the structure located below the frost line.





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