



Powered by



Commercial Grade

CARBON FIBER BOWING WALL STABILIZATION

ENGINEERED
STAMPED
DESIGN
AVAILABLE

SRS 600UNI
CARBON FIBER



The SRS Commercial Grade Carbon Fiber Composite Straps permanently secure and stabilize the basement wall against any further inward movement.

10X
STRONGER
THAN STEEL

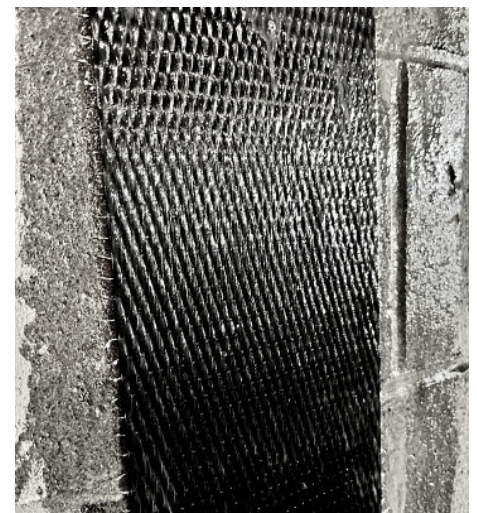
25
YEAR
WARRANTY

100%
MADE
IN THE USA

BENEFITS

- ARRESTS STRUCTURE MOVEMENT
- LESS THAN 1/8" THICK
- LOW AESTHETIC IMPACT (CAN BE PAINTED)
- CONFORMS TO STRUCTURE
- 196,000 PSI TENSILE STRENGTH

Each composite strap exhibits a design tensile strength of almost 40,000 lbs to permanently stop inward movement related to the external soil pressure.



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Block or CMU walls fail for a number of reasons from lack of reinforcing steel to excessive loads due to expansive soils or excess ground water. Even with the appropriate amounts of reinforcing steel in place, where the walls are constructed properly, expansive clay soils can still cause bowing if the cores are not fully grouted.

The solution is Carbon Fiber Composite Straps that permanently secure and stabilize the basement wall against any further inward movement. The industrial strength adhesive epoxy penetrates deep into the pores of the concrete, while saturating the carbon fiber providing a permanent bond to the foundation.

Types of Wall Failure



SHEARING



BOWING



TIPPING

Available Anchors & Connections

When shearing at the base is a concern, Carbon Fiber anti shearing bottom anchors can be tied in below the slab and into the foundation to keep the wall from sliding.



In cases where an interior drainage system is being installed, these straps can be securely anchored to the footer before the floor is re-poured.

In cases where the bow/opened mortar joints are high on the wall, the SRS-660 Bidirectional Carbon Fiber can be used to provide increased bond strengths on the ends of the straps as well as localized crack repair on the opened joint.



In cases where additional anchorage needs to be provided or if the wall is exhibiting signs of tipping, top connections connecting the bowed wall straps to the house framing can be added.

