

CORNER REPAIR

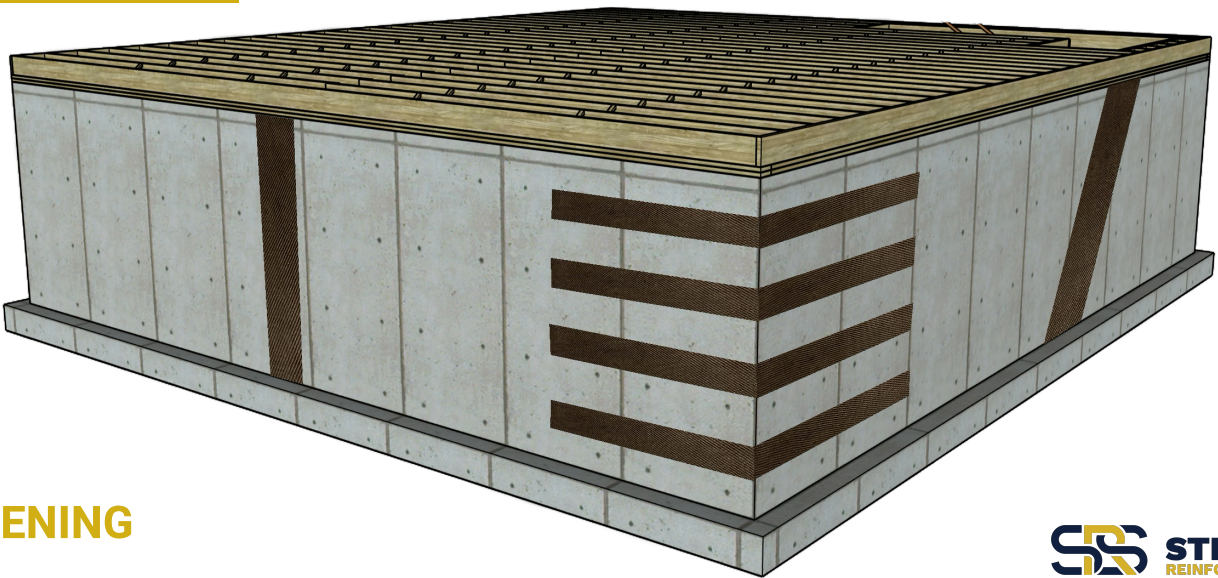
The SRS-600UNI is best utilized for strengthening of concrete and masonry components. As we all know, concrete is great in compression but lacks the tensile properties necessary for the demands so is usually poured with steel rebar embedded in it. This rebar provides the necessary tensile requirements so that the concrete can perform for the intended application. If this rebar is missing, damaged, or deteriorated, carbon fiber can be added to an existing structure in order to provide the necessary tensile capacities related to a specific load pattern.

When looking at unidirectional fabrics, the carbon fiber layout is usually going to follow the same layout as the rebar for the intended application. The tensile strength added by applying a 6" wide SRS-600UNI strap is 1.5x greater than that of a #6 rebar.

- SRS-600 UNI will provide the most strength in this application.
- Re-Establishes Tie on Broken Corners
- Can also Add the 12" SRS-660BI along the crack.



SRS-660UNI



CARBON
FIBER
STRENGTHENING
SYSTEMS

SRS STRUCTURAL
REINFORCEMENT SOLUTIONS

SRS-660BI



- The SRS-660 BI Provides Strength Across the Patch
- Adds Strength in the Direction of the Reinforcing Steel