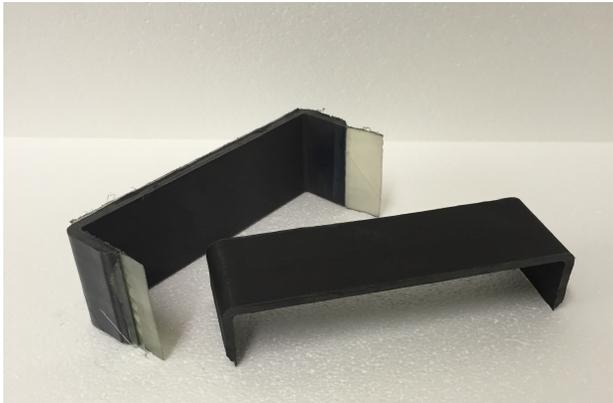


CARBON STAPLE ANCHOR ANCHORING SYSTEM



Product Description. Fortec Stabilization Systems Carbon Fiber Anchors are the first commercially available concrete anchoring system designed to effectively transfer load and anchor FRP material into concrete. The anchors are comprised of high tensile strength carbon fiber encapsulated in a thermal set resin. A peel-ply fabric is adhered to the strap, when removed, leaves a prepared bonding surface for adhesion to a prepared substrate. The typical anchor is 6" long by 2" wide with 1" legs.



PRODUCT USE

Fortec Stabilization Systems, LLC Carbon Fiber Anchors can be used where columns meet walls, joints at ceilings and where added bond strength is required and can eliminate the need for multiple carbon layers. Ideal for overhead applications.

Multiple anchors can be used along the length of carbon fiber tows to improve bond strength to the cementitious substrate as much as 80%.

Used for externally bonded FRP laminates for the consolidation and retrofitting of reinforced concrete structures.

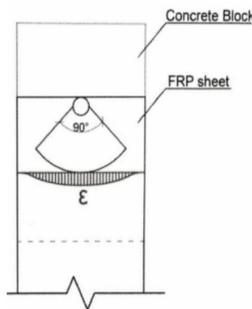
Can be finished with parge coats, brick over lays or painting to improve aesthetics

- Advantages**
- ❖ Low profile and can be installed behind brick facade or other building facades.
 - ❖ Legs or overlaps can be added to extend loads
 - ❖ Parge coats and painting can be used for aesthetics
 - ❖ Installs in same fashion as straight carbon plate or grids
 - ❖ Reduces or eliminates contractor error in bending FRP to far to carry load

DETAILS

GENERAL INFORMATION

CONSTITUENT MATERIALS	Continuous carbon fiber tows and epoxy, 0° (unidirectional) Peel-ply surface for maximum adhesion	
NOMINAL THICKNESS Carbon Fiber 3600gsm	0.14 in	3.5 mm
TENSILE WIDTH	2.0 in	50 mm

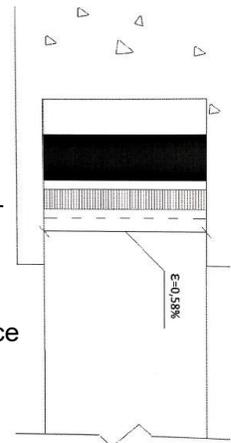


Spike anchors transfers load inconsistently

Resulting in only partial utilization of FRP

Fortec Anchor delivers consistent load transfer

Results in 80% improvement in bond higher FRP performance



RECOMMENDED TOOLS FOR INSTALLATION:

U.S. Saws Tuckpoint/Crack Chaser
5" X .375 tuck pointing wheel
U.S. Saws
Suffield, CT
877-817-6687

Keep Out Of Reach of Children - Keep Container Tightly Closed - Not For Internal Consumption – For Industrial Use Only

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