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Hello Todd, Here is Your E-news Report From Fortress Stabilization Systems

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About Fortress Stabilization Systems

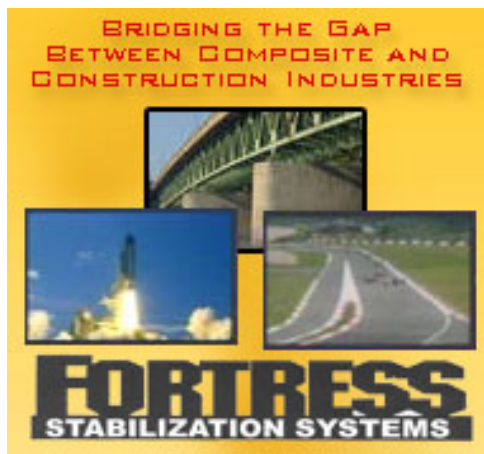
We at Fortress Stabilization Systems wish to thank all of the contractors, engineers and architects that have aided us with their input to improve on products and develop new products to serve the construction industry.

2008 will prove to be a very exciting time at Fortress. Our countersunk staple improves on the existing design. Fortress will be unveiling its carbon-carbon rope matting used for precast concrete, as well as roadways, bridges and driveways. We are hard at work developing a light weight composite beam and structural panel walls for foundation replacement alternatives. *(Patents pending)*.

We are fortunate to be included into the specs for several segmental bridges in Florida, and hope to be doing additional testing with the V-DOT in 2008.

At Fortress we actually manufacture our products as textiles which are created in house.

Fortress will be holding a 1 day training session in Ann Arbor, MI the first week of April which will focus on design, spacing, case studies as well as hands on demonstrations, etc. If interested in such a program, please let us know. todd@fortresstabilization.com



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About Fortress

Fortress in New Orleans

Case Study

Fortress Teams with Perma-Seal And Global Hope Volunteers In New Orleans



Fortress Stabilization Systems was proud to be one of the many suppliers of material to help repair homes in New Orleans.

When asked by Perma-Seal if we would donate material, we were more than happy to do a small part to aide in the efforts of Global Hope.

Fortress Carbon Kevlar Grid was used to make residential home structurally sound again, after hurricane flooding moved section of C.M.U. off foundation. Kevlar Neckties were also used as Hurricane

Tie Downs against any future flooding.

Structurally the home will now far exceed current Hurricane Codes.

The Perma-Seal crew (left) poses after a job well done!

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Recent Case Study

Date: September 21, 2007

Structure: Grande Shores Ocean Resort, Myrtle Beach, South Carolina

This is a 7-story resort hotel on the Atlantic beachfront. It is constructed using standard concrete skeleton method.

Contractor: Sandcastle Construction, Hilton Head, SC

Engineer: Peter Sherritt P.E., Hilton Head, SC

Material Used: Pre-cured Pre-preg w/peel-ply column wrap vacuum laminated. Designed by layout of job scope. Laminated with #4020 Epoxy.



Project Scope:

Concrete columns façade were pulling away from the balconies. Challenge was to strap and reinforce columns, yet make reinforcement aesthetically pleasing.

Solution:

Pre-preg column wraps allowed for fast installation, completing project with minimal disruption and prior to hotels busy season. With this method they were still able to function with only a small area of rooms closed off to public.



Original design was to install 200 lb steel plates that would have added significant weight, would not have been aesthetically pleasing and would have closed a large area of the hotel losing them revenue.



See more case studies [<here...>](#)

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