



TM Construction Hawaii

The Only Thing More Solid Than Our Product is Our Integrity.

STRUCTURAL STRENGTHENING WITH FIBER-REINFORCED POLYMER SYSTEMS

TM Construction Hawaii is experienced and knowledgeable in the application of composite products for structural strengthening, including carbon fiber-reinforced polymers (CFRP) and glass fiber-reinforced products (GFRP).

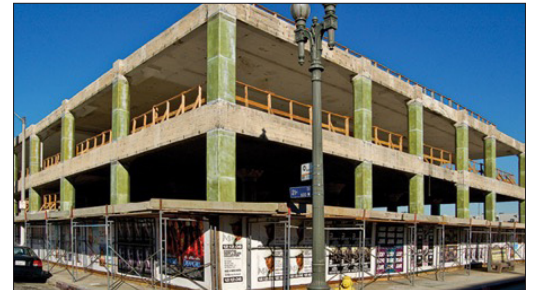


MULTIPLE APPLICATIONS

When load demands increase in a building or structure, FRP systems can be used to provide additional load carry capacity for the rehabilitation and strengthening of buildings, bridges and piping infrastructure. The systems can be customized for either strengthening or protection of structures.



FRP systems provide many retrofit solutions for vital civil infrastructure and has been used extensively on bridges, tunnels, elevated roadways, airports and other transportation infrastructure. FRP systems work particularly well in the Hawaii environment.



CERTIFIED APPLICATOR

TM Construction Hawaii is a certified installer of Fyfe, Sika, Simpson Strong Tie, Mapei and Dow Chemical Systems. These fiber-reinforced polymer (FRP) systems are used to strengthen, repair and restore failing pipes, masonry, concrete, steel and wooden structures. FRP systems are used to improve the load carrying capacity of a building or structure. Additional shear, blast mitigation and flexural capacity can be added to beams, columns, slabs and walls.

FRP system can be used to strengthen infrastructure, including these requirements:

- Increasing load ratings
- Seismic retrofit of structural components
- Rehabilitating corroded or distressed members
- Maintaining the appearance and overall aesthetics of historic buildings and bridges
- Extending service life
- Cost-effective emergency repairs
- Remediating construction errors
- Improving water resistance
- Improving resistance to spalling in case of a severe fire
- Improving impact and abrasion resistance
- Reducing steel reinforcement requirements

COMPANY DETAILS / VERIFICATIONS

TM Construction Hawaii

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