UNDERWATER
CONSTRUCTION CORPORATION

Carbon Wrap Solutions

Engineered Strength **Carbon Fiber Wrap** for Infrastructure

What is Carbon Fiber Wrapping?

The fibers come in the form of a flexible fabric that is saturated in the field and is bonded to substrate, using a specially formulated structural epoxy. The fiber/resin composite also comes in the form of pre-cured strips for application to surfaces that are smooth and can handle the relatively rigid strips.

Advantages include:

- High strength & corrosion resistant
- Minimal change to weight & appearance
- Flexible wrap conforms to any shape
- Thermal compatibility
- Exceptional fatigue life
- Faster repair over traditional methods
- No need for welding or heavy equipment
- Low disruption/noise during prep & install
- Low total cost & better ROI

PROVEN TECHNOLOGY

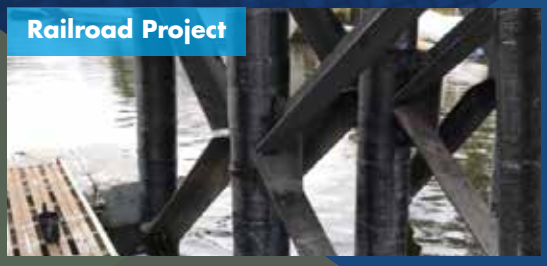
The Original Carbon Fiber Reinforced Polymer System

The strength-to-weight ratio of CFRP exceeds fifty-times that of steel and makes structures last longer at a fraction of the cost and time of conventional materials and techniques

Bridge Project

Pier Project

Railroad Project

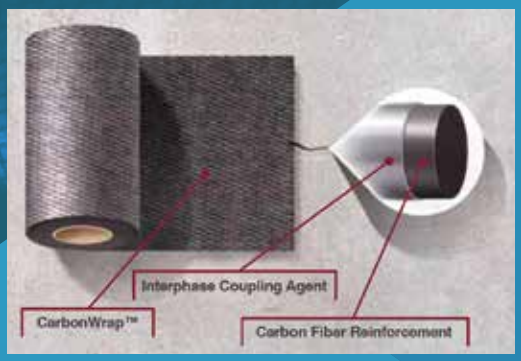


Applications:

- Concrete Columns
- Concrete Slabs
- Timber, Steel and Concrete Piles
- Concrete or Masonry Walls
- Pile Caps
- Water, Oil and Gas Pipes
- Storage tanks

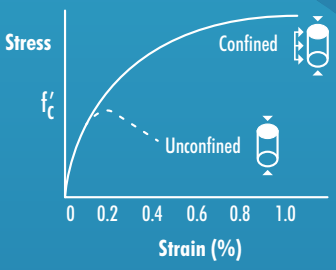
Addressable Areas:

- Deteriorated and Spalling Concrete
- Corroded Steel
- Restoring Load Capacity
- New Construction
- Cracked Concrete Columns
- Seismic-Related Deficiencies
- Harsh Environmental Protection
- Structural Related Deficiencies



Concrete Confined in CFRP

Bonding CarbonWrap™ doubles beam capacity



RESTORING THE WORLD'S INFRASTRUCTURE ABOVE AND BELOW THE WATER

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www.uccdive.com/carbon-wrap-solutions/