

HydraWrap® (Fiber Reinforced Polymer)

Market

Power Generation

Challenge

The challenge was to repair condenser water boxes.

Engineered Solution

The solution utilized the HydraWrap Structural Composite Repair System.

Scope

A customer requested repair and coating to four water boxes, each box measuring approximately 290 square feet. Engineers walked down the project, reviewed drawings, accessed system operating parameters and provided an engineered solution.

Solution

Each water box was grit blasted to SSPC-6 to obtain a near white surface profile. Two layers of bidirectional carbon fiber were installed on the interior surfaces of each water box while ensuring a smooth transition to all inlet and outlet connections. The HydraWrap encapsulated all pinhole leaks and provided structural integrity to the wall area of the system.



HYDRAWRAP
STRUCTURAL COMPOSITE REPAIR SYSTEM

HydraTech Engineered Products LLC

10448 Chester Road, Cincinnati, OH 45215 Phone (513) 827-9169 Fax (513) 827-9171
www.hydratechllc.com