

Beyond Wet Lay-up FRP

New Product Restores Columns & Piles in 2 hours!



The patent-pending PileMedic™ is constructed with multiple layers of carbon and glass FRP pressed together to form a solid flexible laminate that is 3-4 times stronger than steel. The laminate is wrapped around the corroded column or deteriorated pile to create a seamless shell that can be filled with high-strength grout or resin.

Columns



a



b



c



d



e



f

a. Corrosion-damage b. Apply epoxy to PileMedic™ c. Wrap PileMedic™ around column or pile to create a cylindrical shell
 d. Temporarily support shell w/ ratchet straps e. Fill annular space with grout f. Remove ratchet straps & paint jacket (if desired)

Underwater Piles



a



b



c



d



e



f

Advantages

- 3-4 times stronger than steel
- Increases axial capacity beyond original strength of column
- No weak seams along height
- Provides structural confinement
- No costly divers for underwater repair
- Does not corrode
- No metallic parts
- Grout can be pressurized
- Available in carbon or glass
- One size fits all piles or columns (no delays for customized jackets)

