## **PileMedic™ for Encapsulating Underwater Piles**

A Patent-Pending Technology Developed by QuakeWrap, Inc.



Guilford House Condominums 9800 West Bay Harbor Drive, Bay Harbor Isles, FL



**Deteriorated Pile** 



Cut PileMedic™ sheet to desired size



Mix QuakeBond™ 220UR (Underwater Resin) and apply QuakeBond™ 220UR to the back of PileMedic™ with a thickness of about 30-40 mil



Transport the PileMedic™ sheet into water



Wrap PileMedic™ around deteriorated pile to create a double-layer cylindrical jacket



Temporarily support the jacket by wrapping a couple of ratchet straps around it



Mix grout and fill the annular space between the jacket and the pile with grout



Wait 24 hours for the underwater resin to cure and remove the ratchet straps

## **Advantages**

- One size fits all piles (no delays for customized jackets)
- · No weak seams along height
- No metallic parts
- No costly divers
- Grout can be pressurized
- · Provides structural confinement
- Available in carbon or glass





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