

PileMedic™ for Encapsulating Underwater Piles

A Patent-Pending Technology Developed by QuakeWrap, Inc.



Guilford House Condominiums
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



Phone: 520-791-7000
www.PileMedic.com
www.QuakeWrap.com