

# Building Solutions Brisbane

Building Solutions Brisbane is an Australian owned company that has exceptional specialist contracting experience.

A PO BOX 3192 YERONGA QLD 4104  
P 0410 577 530 F 07 3217 1645

[www.bsolutions.com.au](http://www.bsolutions.com.au)

ABN 30125463667  
QBSA LICENSE NO 1141322

## QUAKE WRAP FIBRE WRAP SYSTEM

We have secured the exclusive rights to apply the Quake Wrap systems in South East Queensland. This is the new generation of Super laminates offering combinations of strength and stiffness.

### ADVANTAGES

High Tensile, Lightweight, Conforms to all shapes, ease of installation

### APPLICATIONS

Concrete, Masonry, Steel, Timber, Underwater piles, Culverts & Blast Protection

### CAN STRENGTHEN

Beams, Columns, Tanks, Silos, Slabs, Pipe & Piles

We can offer Turnkey solutions: Inspection, Design, Materials, Installation & certification

### JETTY & STRUCTURE UNDERWATER PILES

The main advantages of this system is that it is easy to install, no structural component of the structure has to be taken out of commission during remedials and huge benefit is that the strength of the outer casing laminate "confinement" can be utilized in strength calculations as compared to other join systems and test results show that it is 8 to 10 times stronger than other systems.



Cut PileMedic sheet to desired size



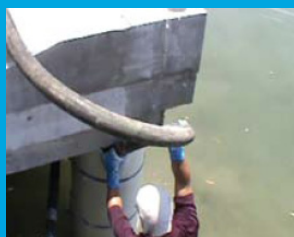
Mix QuakeBond 2200UR (Underwater Resin) and apply Quakebond 2200UR to the back of the Pilemedic



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 or resin 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

## INFORMATION OCTOBER, 2012

### OUR MISSION

To build life long relationships with our clients

### SERVICES INCLUDE

- Structural Concrete Remedials
- Passive Fire Protection
- Hazardous Materials Removals
- Specialist Coatings
- Grouting

### REFERENCES

Building Solutions Brisbane Pty Ltd has been involved in a number of significant projects working with major Australian companies such as: BP, Brisbane City Council, Suncorp Stadium, University of Queensland, QBuild, Worley Parsons, Main Roads Department, Westpac.

### INSURANCE

10 million Public Liability

### QLD CONTACTS

**Michael Slater**  
QLD State Manager  
(Structural Civil Engineering & Open Builder qualifications)  
[michael@bsolutions.com.au](mailto:michael@bsolutions.com.au)  
0421 55 33 11

**Eric Lagoda**  
QLD Construction Manager  
25 Years experience  
[eric@bsolutions.com.au](mailto:eric@bsolutions.com.au)  
0410 577 530

**YOURS IN SAFETY ALWAYS**  
Mike, Eric and the Building Solutions Brisbane team