

Leader in Pile Repairs



PILEJAX™

The innovative PileJax Systems provide long term protective shielding and restoring for pile degradation in wharf, bridge, pier, jetty and infrastructure assets.

SPEED

PileJax saves hours even days of on site labor and dive time. PileJax is the world's fastest installed composite jacketing system.

3 SIMPLE STEPS

1. **CLEAN** - the pile
2. **FIT** - the custom made jacket in a few minutes
3. **PUMP** - the grout

ACCURACY

- PileJax Jackets are installed at least two times faster than any other pile repair method saving substantially on time, labor and equipment whilst eliminating human error providing a quality result every time.
- There is no need for specialist installation techniques.
- There is no inaccurate hand cutting of materials, no messy pasting of glues and no slow and unpredictable hand rolling and wrapping of materials onto individual piles.
- Available for any pile size or configuration including large sizes of up to 2.45m/8ft diameters.
- Fully composite PileJax Jackets are delivered to site absolutely ready to install and are compatible with all grouting and other protection materials.

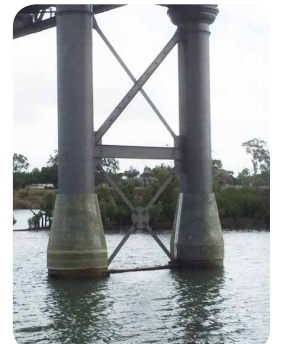
SAFETY

- The internationally patent protected PileJax Systems incorporate the innovative Joinlox assembly technology to provide a continuous, strong and sealed axial joint the height of the jacket, to enable faster installation, strengthening and increased long-term durability.
- PileJax provides long term protective shielding and strengthening on damaged timber piles.
- Full GFRP construction, install in minutes with a dramatically reduced labor time. PileJax provides protection above and below the waterline.

PileJax Jackets are efficiently nested and wrapped providing secure, space saving transportation and delivery throughout the world.



PileJax Jackets are translucent



PileJax Jackets are available for large pile sizes



Secure transportation



PileJax Jackets in a conical shape



www.joinlox.com/pilejax

Aus: 1800 56 46 56
Int: +61 7 3392 6172
pilejax@joinlox.com

Timber pile repair

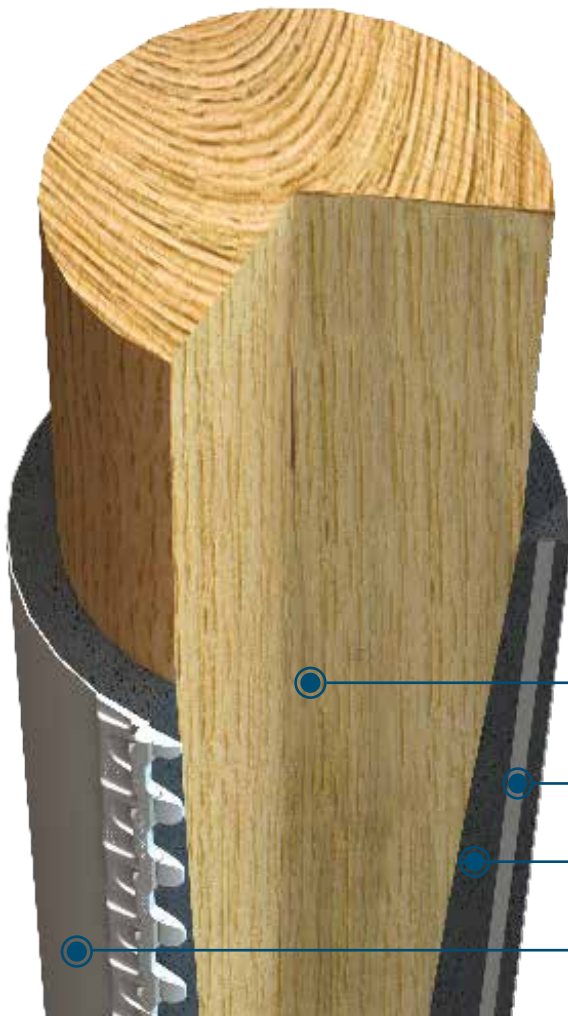
timber

SEGMENT LENGTHS

1m-6m / 3-22ft

DIAMETER

0.3m-2.4m / 16-96in



● **TIMBER PILE:** Wharf, Bridge, Pier, Jetty or infrastructure assets

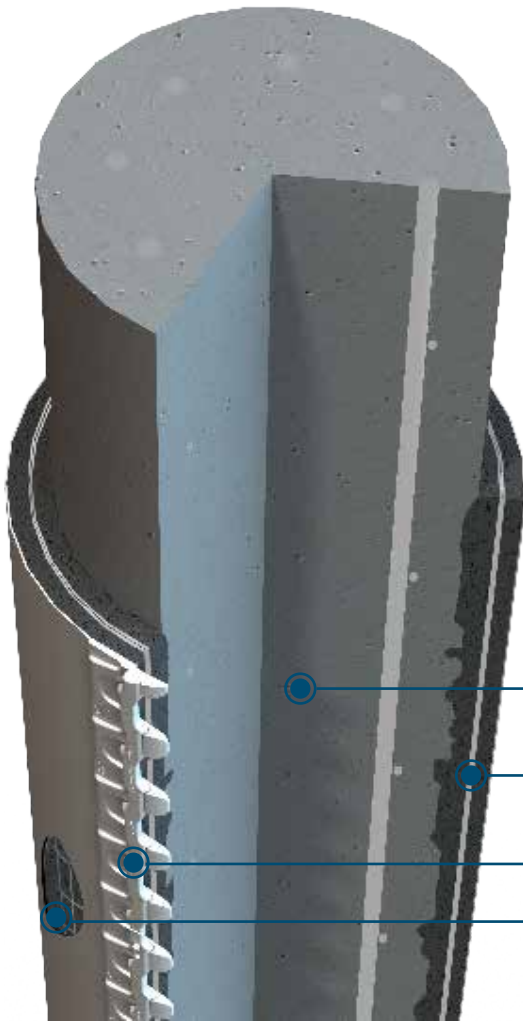
● **CFRP REINFORCEMENT (OPTIONAL)**

● **GROUT:** Suitable for Cementitious or Epoxy Based Grouts

● **PILEJAX JOINING SYSTEM:** Engineered Joining Systems installs twice as fast than any other system

- ✓ Restore damaged, cracked and deteriorated timber piles.
- ✓ Protection from numerous environmental factors that can cause wood pile degradation.
- ✓ Protection from fungi, marine borers, limnoria, shipworms and pholads.
- ✓ Protection from chafing and flotsam damage.

Concrete pile repair



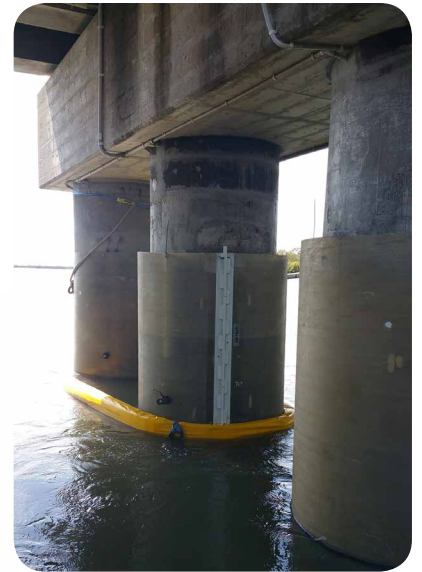
concrete

SEGMENT LENGTHS

1m-6m / 3-22ft

DIAMETER

0.3m-2.4m / 16-96in



- **CONCRETE PILE:** Any Wharf, Bridge, Pier, Jetty or Infrastructure Assets.
- **GROUT:** Suitable for Cementitious or Epoxy Based Grouts
- **PILEJAX JOINING SYSTEM:** Engineered Joining Systems installs twice as fast than any other system
- **OPTIONAL REO:** Additional reinforcements can include FRP Grid Mesh or Fibres

- ✓ Restores degraded concrete piles.
- ✓ Protection from numerous environmental factors that can cause concrete pile degradation.
- ✓ Protection from crack formation in concrete piles.
- ✓ Protection from alkali-silica (ASR) reactivity.
- ✓ Protection from splash zone tensile deformation.



PILEJAX™

Steel pile repair

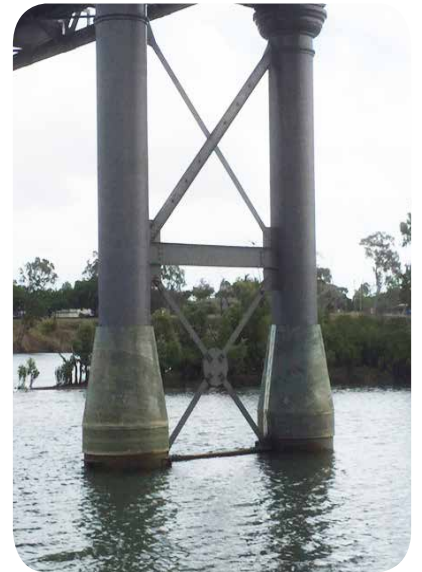
steel

SEGMENT LENGTHS

1m-6m / 3-22ft

DIAMETER

0.3m-2.4m / 16-96in



● **STEEL PILE:** Wharf, Bridge, Pier, Jetty or infrastructure assets

● **GROUT:** Suitable for Cementitious Grouts, Epoxy Resin Grouts or Aggregate Concrete Repairs

● **CATHODIC PROTECTION (OPTIONAL)**

● **PILEJAX JOINING SYSTEM:** Engineered Joining Systems installs twice as fast than any other system

- ✓ Protection from numerous environmental factors that can cause steel pile degradation and corrosion.
- ✓ Protection from Accelerate Low Water Corrosion (ALWC), common in steel pile corrosion and microbial influenced corrosion (MIC).
- ✓ Protection from steel pitting.

Available Worldwide



PileJax™ and Joinlox® are trademark and patent protected internationally.

Disponible International
 Disponible Internacionalmente
 Erhältlich International
 Disponibile In Tutto Il Mondo
 利用可能なワールドワイド
 全球販售

www.joinlox.com/pilejax