

www.joinlox.com



THE JOINLOX SOLUTION

Our industry experience

Joinlox solutions for industry include:

- Storage and Mixing Tanks
- Modular Construction Panels
- Bridge and Marine Structures
- Packaging and Containers
- Materials Handling
- Joinery and Cabinetry
- Concrete Formwork Solutions
- Mineral Processing Equipment
- Furniture
- Pipeline Systems
- Asset Maintenance
- Sheet Metal and Ducting

Our values

Create. Innovate. Improve.

- We constantly challenge convention.

Integrity, respect and teamwork.

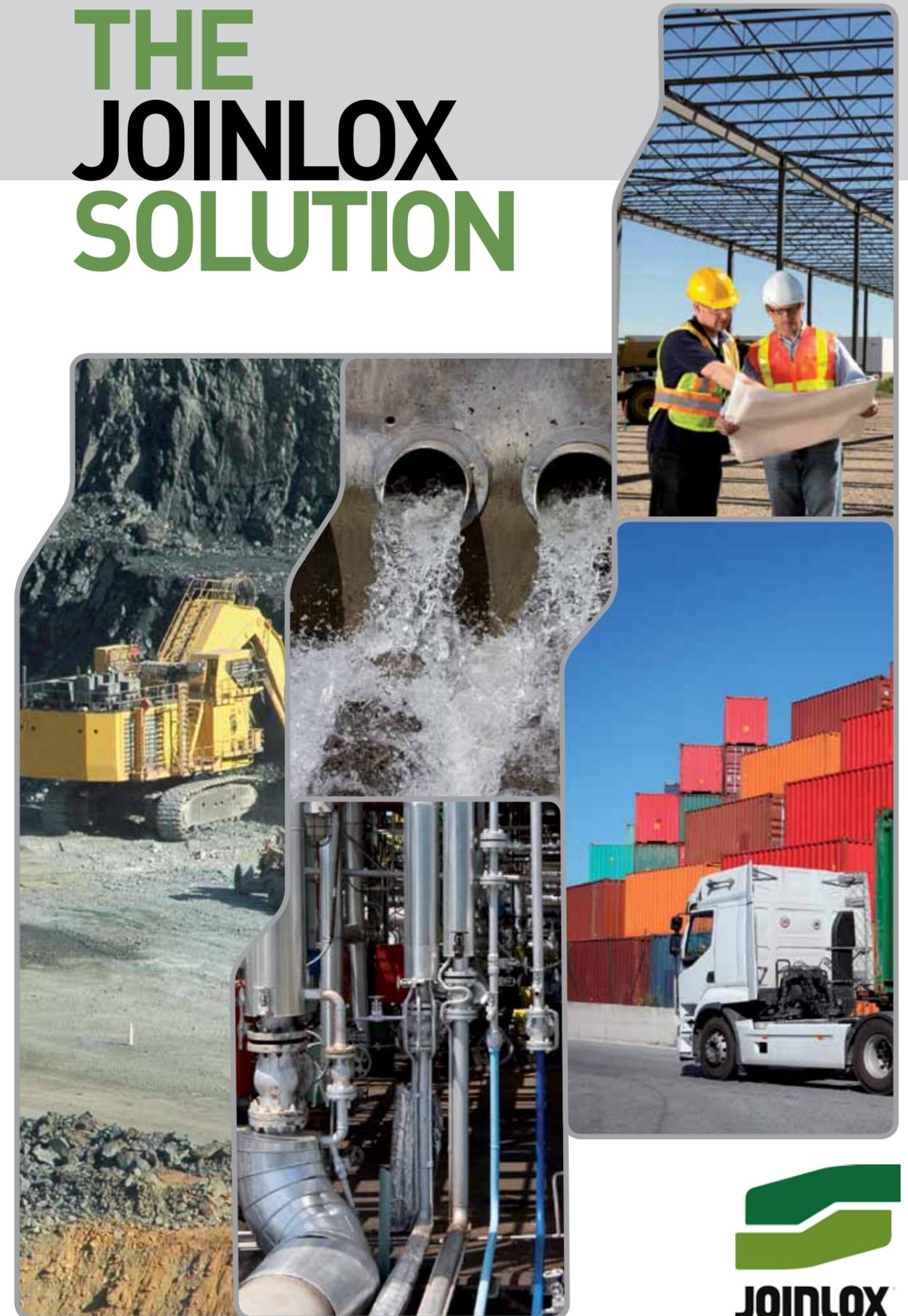
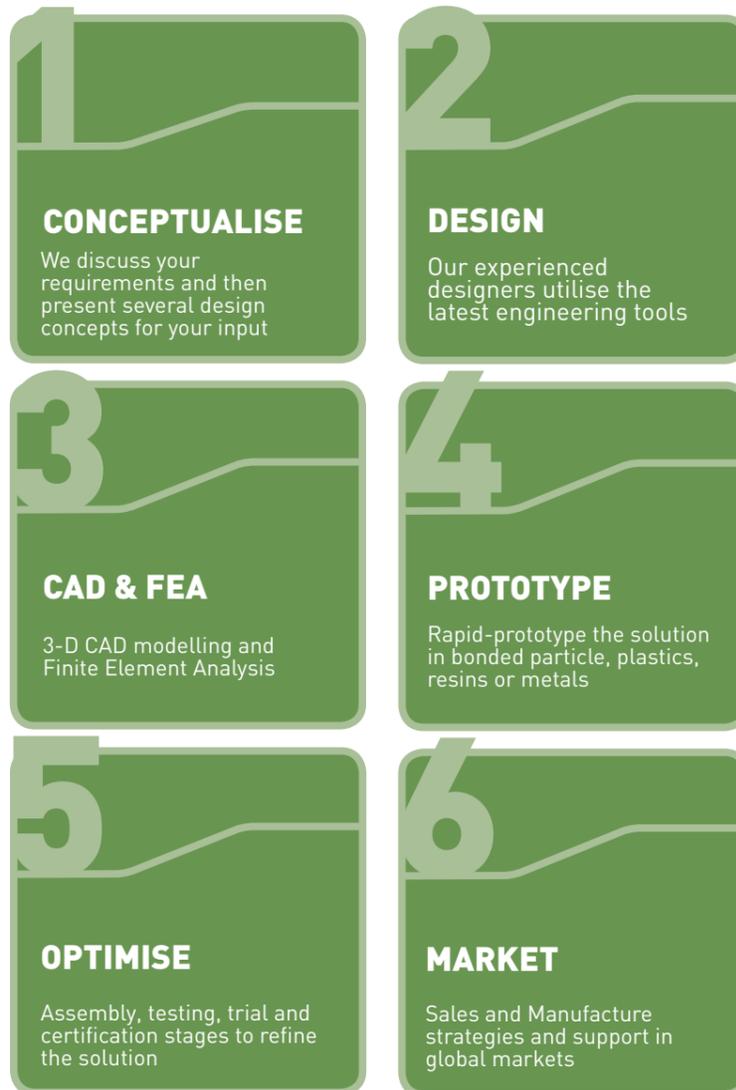
- We want to work with others who want to work with us.

Belief, enthusiasm and energy.

- We believe in ourselves and our clients.

Reduce wasted time, costs, energy and environment.

- We strive to reduce the impact on everything we do.



Joinlox Pty Ltd
ACN 134 229 388
Phone | 1800 56 46 56
International | +61 7 3392 6172
Email | info@joinlox.com





Joinlox is an innovative and cost-effective method of joining and locking parts, components, assemblies and structures together to form a strong, permanent or re-usable joint across a wide range of industrial applications. Joints can be sealed to high positive or negative pressures.

The first Joinlox designs were inspired by the way clams and other seashells attach themselves to rock ledges using anchors at the end of small filaments, called byssus threads. These threads, although thin and flexible, have a high tensile strength and can produce a very strong hold when their strength is added together.

The patented Joinlox systems are versatile, adaptable and scalable to suit almost any industrial joining application and is being used in diverse industries including Building & Construction, Mining & Energy, Water Storage and Transport, Packaging and Transport. Joinlox can replace conventional joining systems including permanent methods such as welding, gluing, bonding and soldering; and non-permanent methods that utilise fasteners such as screws, nuts and bolts.

The advantages of Joinlox technology include: cost-savings, strength, compactness, environmental, technical superiority and ease of assembly and servicing. Further, providing benefits of reduced whole-of-life costs by requiring less raw materials, efficient manufacturing, faster assembly, efficient transport solutions, site assembly and ongoing servicing, re-use and recycling.

A Joinlox join is straightforward to produce using existing mass production techniques, such as injection moulding, forging, fabrication, casting, compression moulding, punching and profile cutting.

Joinlox is providing innovative joining solutions to some of the world's largest manufacturers and industry-leading organisations.

Minerals & Energy

The fully reversible Joinlox technology enables more efficient modular construction and transport to remote locations, allows rapid on-site assembly.

Permanent welded joints and labour intense traditional bolted joints can be replaced by rapid change out processes offered by the innovative Joinlox technology.

Water

Water storage, pipelines, infrastructure and water treatment systems all benefit from the Joinlox technology by improving transport, installation and ongoing lifecycle costs.

Construction & Building Materials

Joinlox innovative joint solutions can meet the challenges of modern construction by providing strong joints for almost any structure or material. Our design team work directly with engineers and manufacturers to provide cost effective joining solutions.

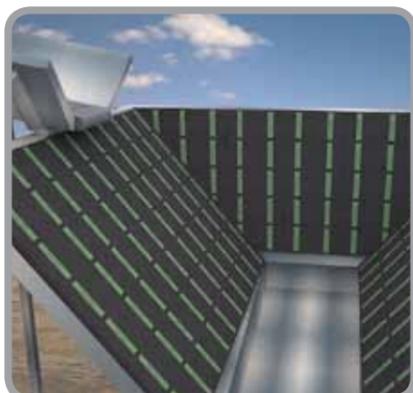
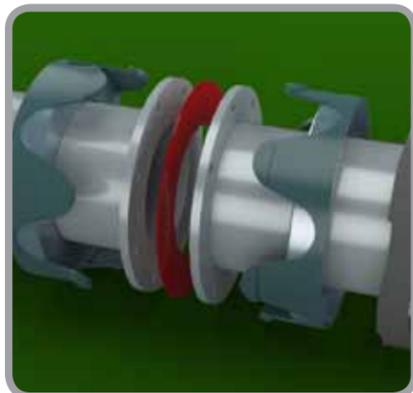
From cabinetry and furniture to buildings and bridges, there is a Joinlox solution.

Packaging & Logistics

Stackable, nestable, returnable packaging issues can be solved by the use of the innovative Joinlox system. Save on transport and storage costs by more efficient transport of modular pallets or flat-packed drums, crates, containers or virtually any materials or product transport requirement. The cost-effective Joinlox joints can be designed into moulded high-volume items or applied as required.

Industrial

Easy installation, fast and convenient access, reduced labour times and whole of life cost-downs can all be realised with the various, fully adaptable Joinlox systems. Almost any product or application can incorporate Joinlox directly into designs or utilising as an applied joining edge solution.



“The Joinlox technology provides a faster, lower cost, safer way to build our high quality tanks. A further advantage for the mining industry is that tanks can be easily disassembled and re-located if required.”

Mike Hourn, Hydrometallurgy Manager - Xstrata Technology



LOCK IT IN

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