

CAPABILITY STATEMENT

ENGINEERING THE FUTURE IN COMPOSITES



The Treadwell Edge

Glass Reinforced Plastic (GRP) is the revolutionary construction material that has untapped potential to reach out into uncharted territories. Its exceptional benefits provide higher returns unmatched by homogeneous products or metallic alternatives, with the added advantage of leaving a smaller carbon footprint on the environment.

We keep abreast of the competition and adapt in the ever-changing and demanding FRP industry. We actively pursue for techniques that allow us to create quality FRP solutions, which, in turn, help save time and money, and remain 'Innovators of FRP Technology'.

We pride ourselves on our 'Fit & Forget' FRP solutions.

Treadwell has been applying excellent engineering strategies and design tactics since 1994 to extend both time and cost-efficient solutions to our clients across the globe. As we grow from strength to strength over the decades, we have further established our speciality in FRP and provide a diverse range of access and structural solutions that are increasingly being used in waste water treatment plants, public infrastructure, marine, rail, utilities and mineral sectors to name a few.

We cultivate a strong culture of innovation and resourcefulness so that we can implement complete 'Fit & Forget' solutions.

MAJOR TRADING PARTNERS



Treadwell Group Company Information

Company	Treadwell Group UK Limited
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Management Team

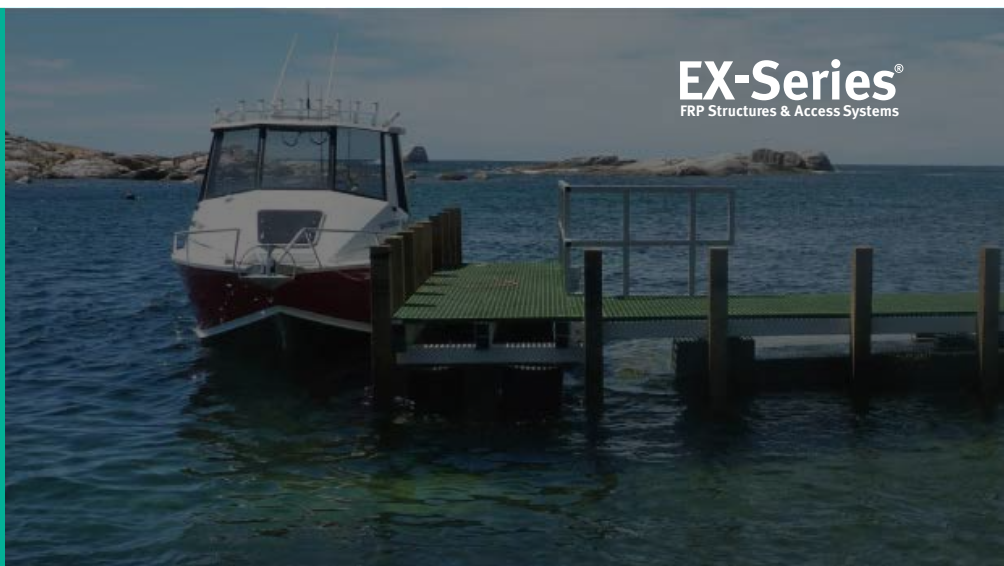
- **LACHLAN BUTCHER** – Managing Director, UK & International Projects
- **GREG BUTCHER** – Chief Executive Officer
- **RAJNEESH GUPTA** – Head of Strategy, Sourcing & Technical
- **EDWARD TITLEY** – Technical & Industrial Manager
- **TOBY BUTCHER** – Product Development Manager
- **BEN ROSS** – Business Solutions Manager, UK
- **RYDER MORTON** – Project Sales Manager
- **WES MERRILL** – Regional Manager
- **SAMUEL THOMAS** – Business Development Manager
- **JASON CURRIE** – Business Development Manager
- **MOHAMMAD SHASUDDIN** – Estimating Manager

Capability & Resources

- LEAN manufacturing facility, approximately 4000m² under one roof.
- Automated CNC equipment, including state-of-the-art 90,000 PSI waterjet cutting system and beam line.
- Internal design engineering department, able to provide design expertise and sign off engineering in all states of Australia (RPEQ and NT certified).
- In-house testing and development facility.
- Personnel throughout EMEA and APAC regions.

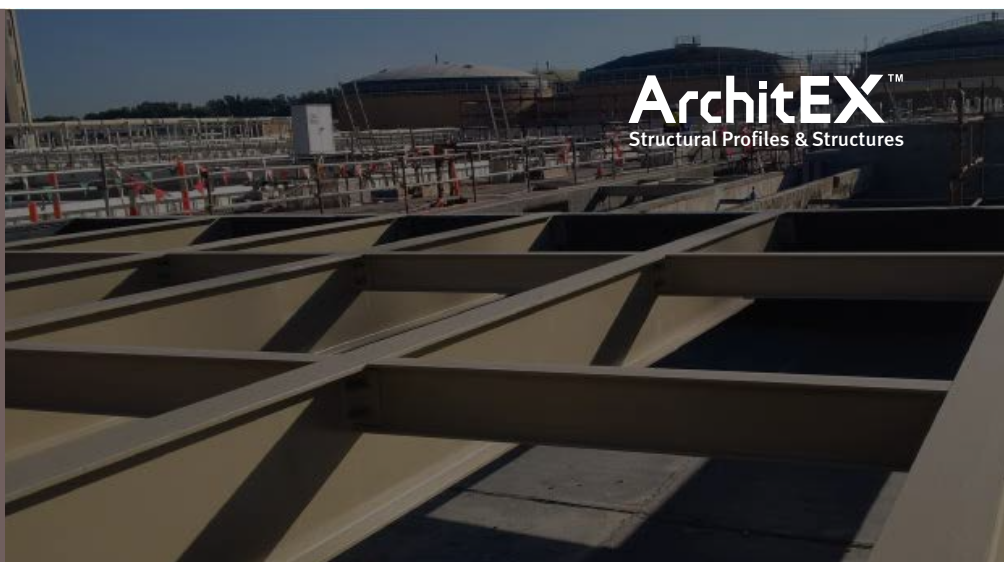


Designing a secure access system in elevated, confined and corrosive areas is one of the biggest challenges faced in modern times. Treadwell now leads the provision of different types of FRP solutions like anti-slip FRP grating, FRP handrails, FRP ladders and more.



EX-Series®
FRP Structures & Access Systems

This is our unique range of FRP structural profiles. The complete range of ArchitEX™ FRP solutions boosts the strength of a framework and infrastructure with its columns, beams and more.



ArchitEX™
Structural Profiles & Structures

Specialist in a variety of anti-slip solutions for every type of surface application. The encompassing range of TREADSAFE™ products is minimalistic, flexible with colours and styles and has the ability to suit any environment.



TREADSAFE™
Industrial Anti-Slip Solutions

We believe that water and waste water management is crucial for society. By using the latest FRP technology, we have developed EcoEX™ to treat these resources right.



For the Recreational Public Infrastructure in the urban space, Treadwell offers the complete range of engineered FRP products to suit this particular scope of works.



Treadwell offers an assortment of cable instrumentation systems based on the latest technology with the EXduro™ range. EXduro™ encompasses fibreglass cable trays, instrumentation stands & FRP support accessories.





Cardinia Fluoride Dosing Plant, Victoria

The Myponga Reserve is a reservoir in South Australia about 60km south of Adelaide. It provides about 5% of the City of Adelaide's water supply. As part of the rejuvenation of access for personnel to maintain the pipeline, SA Water deemed the deteriorated and unsafe wooden walkway needed to be replaced.

Treadwell was engaged to supply the grating to replace this wooden walkway.



Myponga Pipeline, South Australia



Wanganui Wastewater Treatment Plant, New Zealand

The iron ore production facility in Port Latta is one of Australia's largest and has been serving global markets for many decades. Set to increase its annual production of iron pellets in the coming years, this production plant is not slowing down.

To ensure the safety of their workers, Treadwell was engaged to provide safe access in the production facility. Keeping in mind the projected high levels of productivity, it was specified that the products used would be quick to install and would not require regular downtime for maintenance.



Port Latta, Tasmania



Milk Plant, New South Wales

Our client undertook a complete mechanical plant design for a milk plant in New South Wales. This included three large tanks with top access safety platforms; this was to allow for easy installation and removal of large aerator mixers. Their design included ladders and ladder cages to provide safety to personnel using the roof mounted manhole access. These ladders also needed to be lockable to prevent non-permitted access.

Treadwell was engaged to provide the FRP ladders, ladder cages and handrails.

What You Get When You Work with Treadwell

Specialised Online Tools

Conveniently located online, our selection tool allows users to fill in selection criteria based on each product brand we carry and will recommend a product suitable to your needs. Our product information has been imprinted on the tool to provide ease of outline and inspiration to architects, engineers, designers and other users. Users can also find all our product files in PDF, DWG, STEP etc. files to download for each of our products.

Visit our website at <https://www.treadwellgroup.com.au/treadspec/> to try out these online specifier tools.



Friendly & Professional Design Support

Whether you're looking to upgrade or completely revamp your rail infrastructure assets, we can help support your design services across all stages of your project lifecycle. Our qualified and experienced engineering team have provided turnkey as well as purely design-based projects. With a knowledgeable team, we are able to provide solutions to fit your requirements.



Cutting Edge Technical Information

Treadwell has a LEAN manufacturing facility, approximately 4000m² under one roof. Our automated CNC equipment, including state-of-the-art 90,000 PSI waterjet cutting system and beam line ensures minimal material wastage, and as such, eliminates excessive costs. Our internal design engineering department is able to provide design expertise and sign off engineering in all states of Australia (RPEQ and NT certified), and an on-site Quality Assurance team to perform the necessary checks.



Logistics

With a proven track record delivering large-scale projects across Oceania, we apply the same rigour and reliability to the UK market. Our long-standing partnerships with logistics providers, combined with hands-on fleet experience enable us to manage time-critical deliveries efficiently and consistently, meeting the expectations of UK clients.





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