

CAPABILITY STATEMENT

ENGINEERING THE FUTURE IN COMPOSITES



The Treadwell Edge

We believe that Fibre Reinforced Plastics (FRP) is the revolutionary construction material that has untapped potential to reach out into uncharted territories. Its exceptional benefits will provide higher returns not associated with homogenous products or metallic alternatives.

We keep abreast with industry improvements and continuously adapt to the ever-changing and demanding FRP industry. By offering optimal and affordable FRP solutions, we are dedicated to helping our clients avoid the challenges posed by the use of traditional alternatives.

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 in competence over the years, we are now able to provide complete access (i.e. walkways and platforms) and structural solutions that are increasingly being used in waste water treatment plants, public infrastructure, marine, and mineral sectors to name a few.

We are continually working to keep abreast from the competition and adapt in the ever-changing and demanding FRP industry. By offering optimal and affordable FRP solutions, we are dedicated to aiding our clients avoid the complications and challenges that are generally associated with the use of traditional alternatives. We are actively looking for techniques that would allow us to create quality FRP solutions, which would in turn help save time and money, and remain 'Innovators of FRP Technology'.

We are persistently trying to cultivate a strong culture of innovation and resourcefulness so that we can implement solutions that would be the complete 'fit & forget' solution everywhere.

MAJOR TRADING PARTNERS



Treadwell Group Company Information, Australia

Company	Treadwell Group Pty Ltd
ABN	40 140 529 200
Address	58 Deeds Road, North Plympton, South Australia 5037
Website	www.treadwellgroup.com.au
Contact	1800 246 800
Employees	81

Management Team

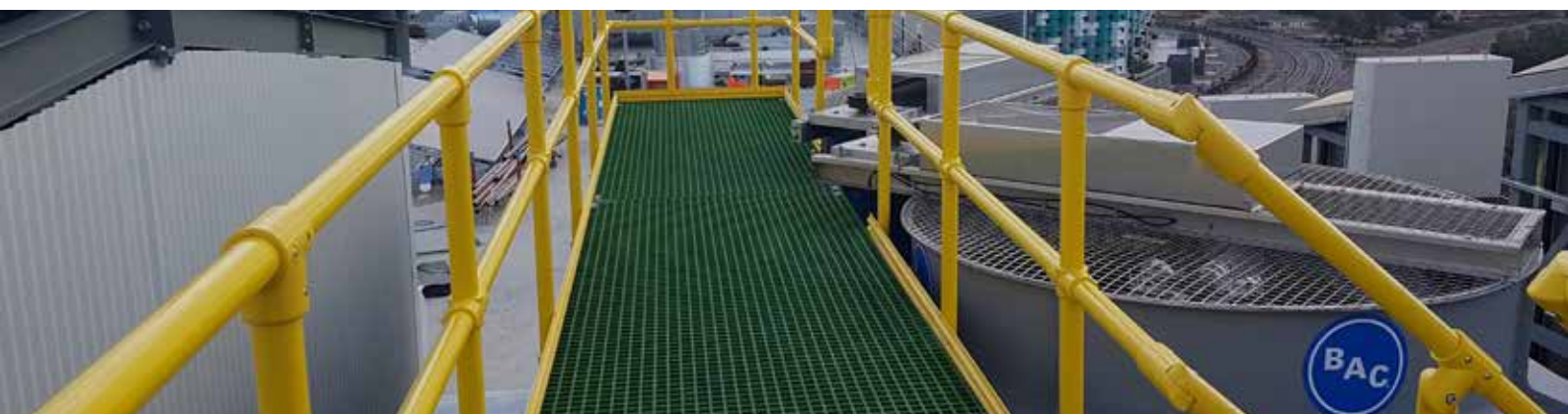
- **JON BUTCHER** - Chairman
- **LACHLAN BUTCHER** - Managing Director
- **GREG BUTCHER** - Chief Executive Officer
- **EUAN BUTCHER** - General Manager
- **ASHLEY BUTCHER** – InduSTRUCT™ & SecurEX® Product Specialist
- **JAMES SLOAN** - EXduro™ Product Manager
- **CAMILLO LUCIANO** - Group Operations Manager
- **DAVY VULPIO** - Project Manager
- **TOBY BUTCHER** - Project Manager
- **MANSOUR AHAMED** - Project Manager
- **EDWARD TITLEY** - Technical Sales, NSW, QLD, VIC & ACT
- **GORAN DJURASINOVIC** - Sales Manager & Business Development, NSW & ACT
- **TOM PEHLAN** - Business Development Manager, QLD
- **ROBERT STEFANILE** - Business Development Manager, VIC
- **KENT BUTCHER** - Business Development Manager, SA, NT & TAS
- **WES MERRIL** – Business Development Manager, WA
- **MIKE MONTEITH** - Business Development Manager, NZ
- **SUZARIN SHAMSUDDIN** - Sales Development Engineer

Capability & Resources

- LEAN manufacturing facility, approximately 4000m² under one roof.
- Centrally located in South Australia near to major national freight routes east, west and north.
- 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).
- Full testing, research and development facility.
- Personnel throughout Australia and New Zealand.
- Third party warehouse facilities in New South Wales and Tasmania.
- Offices and warehouses in South Australia, Western Australia, New South Wales, Victoria, Queensland and Auckland.

Insurances

- Public & Products Liability Insurance - \$20,000,000
- Profession Indemnity Insurance - \$1,000,000
- Work Cover - SA, VIC, NSW, QLD, WA and New Zealand



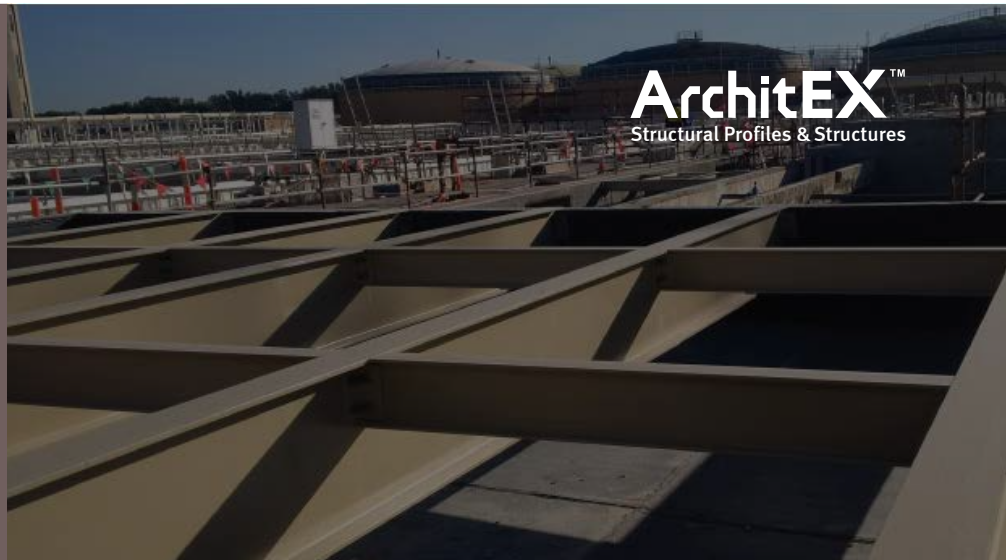
Designing a secure access system in elevated, confined and corrosive areas is one of the biggest challenges faced in modern times. Treadwell now leads the provision of different types of FRP solutions like anti-slip FRP grating, FRP handrails, FRP ladders and more.



INDUSTRUCT™

Industrial Composite Structural & Access Solutions

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 SAFE-SERIES™ products is minimalistic, flexible with colours and styles and has the ability to suit any environment.



SAFE-SERIES™

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.



EcoEX™
Water & Waste Water Products

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.



NatureTREAD™
Composite FRP Recreational Public Infrastructure

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.



EXduro™
Cable & Instrumentation Management



Cardinia Fluoride Dosing Plant, Victoria

A major producer of potable water, this crucial water treatment plant in Victoria disinfects water by using chlorine to kill potentially harmful micro-organisms and maintain public health. The water is also fluoridated and corrected for pH.

To ensure longevity of their internal structure, Treadwell was tasked with providing a solution that would allow for easy access to instruments as well provide for levelled flooring.

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 Wanganui wastewater treatment plant in New Zealand needed to be upgraded with a solution that was robust enough to handle its corrosive environment. As a part of this upgrade, Treadwell worked closely with the mechanical contractor, builder and council to deliver an odour control cover solution using Treadwell's EcoEX™ SureLine® HD system. In addition to containing corrosive gases, this project was designed to bear loads to allow safe access.

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.



With our well-established partnerships with logistics partners across Oceania, complemented by our own fleet of trucks and trailers in Australia, we are able to deliver your projects across the region efficiently and effectively on time and in full.



TREADWELL[™]

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New Zealand
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