

# CAPABILITY STATEMENT

ENGINEERING THE FUTURE IN COMPOSITES



## The Treadwell Edge

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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.

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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	45

## Management Team

- **JON BUTCHER** - Managing Director
- **GREG BUTCHER** - Technical & Commercial Director
- **LACHLAN BUTCHER** - Sales Director
- **EUAN BUTCHER** - Operations Director
- **ASHLEY BUTCHER** – Product Specialist, ACCESS SYSTEM
- **BRAD CHURCHMAN** – Product Specialist, EnviroTREAD™
- **MATTHEW SUTHERLAND** – Product Specialist, EXduro™
- **THOMAS CRAIG** – Product Specialist, EcoEX™
- **TOBY BUTCHER** – Product Specialist
- **MALCOLM TIGGEMAN** – Product Specialist
- **EDWARD TITLEY** – Business Development Manager, New South Wales & Australian Capital Territory
- **MARTIN CHURCHMAN** – Business Development Manager, Queensland
- **WES MERRIL** – Business Development Manager, Western Australia, Northern Territory

## Capability & Resources

- LEAN manufacturing facility, approximately 4000m<sup>2</sup> 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 in four Australian states, including New Zealand.
- Third party warehouse facilities in New South Wales, Victoria, Queensland and Tasmania.
- Offices and warehouses in South Australia, Western Australia, New South Wales, and Auckland.

## Insurances

- Public & Products Liability Insurance - \$20,000,000
- Profession Indemnity Insurance - \$1,000,000
- Work Cover - Return to Work Certificate of Registration, SA



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.

## ACCESS SYSTEMS

FRP Grating | FRP Handrail | FRP Structures

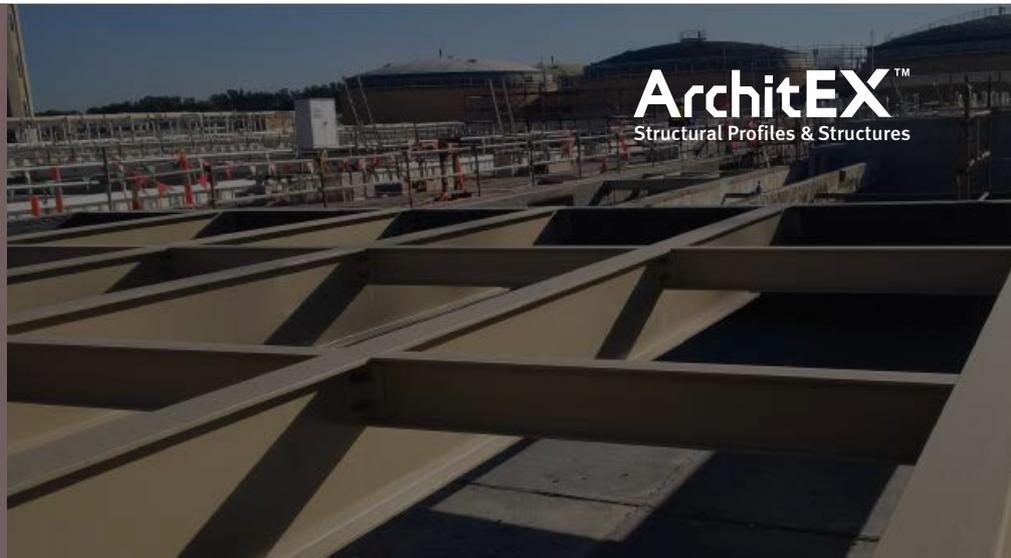


ACCESS SYSTEMS specialist – Ashley Butcher | [ashley.butcher@treadwellgroup.com.au](mailto:ashley.butcher@treadwellgroup.com.au)

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

EcoEX™ Specialist – Thomas Craig | [thomas.craig@treadwellgroup.com.au](mailto:thomas.craig@treadwellgroup.com.au)

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.

**EnviroTREAD™**  
Recreational Public Infrastructure

EnviroTREAD™ Specialist – Brad Churchman | [brad.churchman@treadwellgroup.com.au](mailto:brad.churchman@treadwellgroup.com.au)

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

EXduro™ Specialist – Matthew Sutherland | [matthew.sutherland@treadwellgroup.com.au](mailto:matthew.sutherland@treadwellgroup.com.au)



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

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.



Wanganui Wastewater Treatment Plant, New Zealand



Strathalbyn Fabrication Site, South Australia

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.

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**TREADWELL**<sup>™</sup>

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