

Johnsons Beach Access

Tasmania - The Johnsons Beach Reserve Master Plan was established to enhance the current site amenities. The vision was to provide a play space for children of the area to enjoy, and facilitate family and social recreation for the residents and visitors to the area. These are just some of the many points that were developed as part of a framework for comprehensive park development.

The council wanted to ensure that the existing vegetation was maintained and protected, and also highlight information to users on the native flora and fauna of the park. As part of these upgrades, a beach access ramp was installed. Treadwell was engaged to design and supply the FRP products for this structure.

Project Challenges

- The structure had to be corrosion resistant, being exposed in a coastal environment.
- The structure had to be installed without negatively impacting the natural surroundings.

PROJECT INFORMATION

Project Category:	Recreational Public Infrastructure
Scope of Work:	Supply FRP products
Treadwell Products:	EnviroTREAD™ ACCESS SYSTEMS GratEX® FRP Mini Mesh Grating ArchitEX™ Structural Profiles

Treadwell Solution:



1

As part of the Treadwell EnviroTREAD™ range, high performance GratEX® FRP Mini Mesh grating and ArchitEX™ FRP Structural Profiles were specified in building the structure as a preferred solution over traditional materials.

2

Treadwell's FRP products are constructed from premium resin systems, with UV inhibitors and fire retardant properties, making it ideal for this application.

3

GratEX® FRP Mini Mesh grating allows water and other tiny debris to fall through, creating a self-maintaining anti-slip surface.

4

FRP is simply fabricated and modified on site. This means there is no need for any hot works permit.

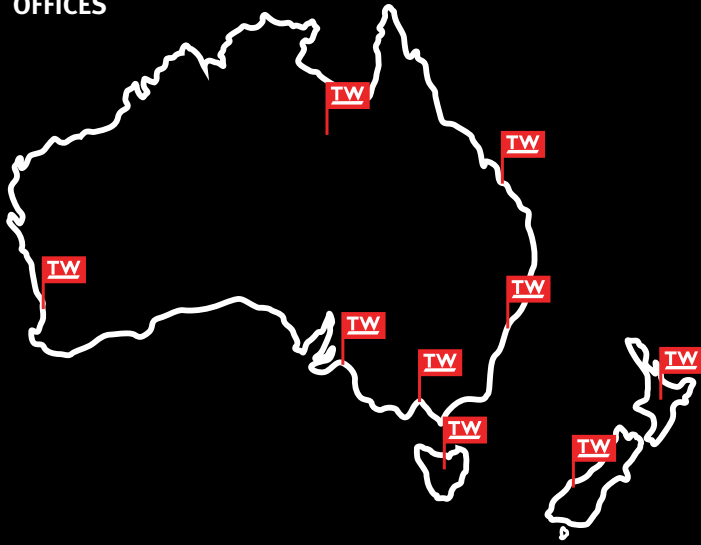
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Being lightweight and easy to install, FRP is very manageable during construction.

6

Given the nature of FRP, any system utilising it is virtually maintenance free, keeping maintenance costs to a minimum.

OFFICES



ABOUT TREADWELL

At Treadwell Group, our core business divisions have been developed utilising the latest fibreglass reinforced plastic (FRP) technology. With constant innovation and evolution of our offerings, we grow in competence with each experience in delivering unparalleled solutions to a diversified index of industries which include the water and wastewater, mining, oil and gas, public infrastructure, marine sectors. The progression of our products has been focused on ensuring extended design life in varied applications, enabling us to support our continuing commitment to satisfy and add value to our client's endeavours.

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