

Mackay Regional Council Boardwalk – Brewers Road, Sarina

Brewers Road Reserve walk, along Plane Creek in Sarina underwent a transformation to connect the parklands to Brewers Road. Designed to improve accessibility for residents, a boardwalk was installed to make it a bustling hub for recreation and fitness. To ensure that this the reserve was safe and able to accommodate all users, it was specified that it had to be wheelchair friendly.

Project Challenges

- Boardwalk is on a natural flood plain by the Plane Creek which periodically floods the area.
- To reduce impact on natural environment, our client asked for the decking product be laid directly on compacted rubble base. This removed the need for concreting paths and ensures a compliant pathway with little or no maintenance in the future.

PROJECT INFORMATION

Project Category:	EnviroTREAD® Recreational Public Infrastructure
Scope of Work:	Detailed Design, RPEQ Engineering and supply of ArchitEX™ Structural Sections and GratEX® Mini Mesh products?
Treadwell Products:	EnviroTREAD™ Engineered Boardwalk Solutions
Value:	\$ 250K

Treadwell Solution:



1

As part of the exclusive EnviroTREAD™ range, high performance GratEX® FRP Mini-Mesh grating was specified as the decking solution, providing a much more sustainable solution over traditional materials.

2

Our ArchitEX™ beams provided the durable and strong components in the construction of the framework specified.

3

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

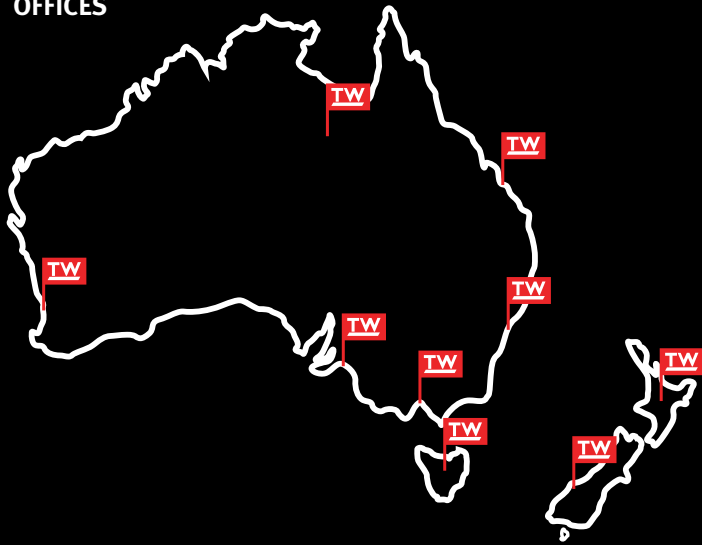
4

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

5

Given the nature of FRP, any system utilizing it is virtually maintenance free, thus keeping maintenance costs as low as possible.

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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