

Snapper Point Boardwalk

The existing timber boardwalk had lived past its useful life, damaged by coastal erosion and in need of replacement. A new boardwalk was to be reconstructed and elevated over the dune. At the beach end of the dune an elevated viewing platform is proposed to be constructed in front of the beach access stairs in a prime viewing area. This project was also required to address the high risk of major coastal erosion occurring and loss of coastal habitat.

Treadwell was tasked in the provision of materials that will be durable against the elements and surroundings while leaving a minimal impact of the coastal habitat.

Project Challenges

- Construction to take place within environmentally and culturally significant corridor.
- Protection of existing coastal dunes – liaison with cultural monitors.
- General construction access in a remote area.
- Coastal corrosive environment.

PROJECT INFORMATION

Project Category:	Recreational Public Infrastructure
Scope of Work:	Boardwalk at Snapper Point
Treadwell Products:	EnviroTREAD™ ACCESS SYSTEMS GratEX® FRP Grating ACCESS SYSTEMS RailEX® FRP Handrails ArchitEX™ Structural Profiles
Value	\$ 64,000

Treadwell Solution:



1

As part of the exclusive EnviroTREAD™ range, high performance GratEX® FRP grating and RailEX® FRP handrails were specified in lining the structure and providing a much more sustainable solution over traditional materials.

2

The extensive range of ArchitEX™ provided the durable and strong components in the construct of the framework specified.

3

FRP is simply fabricated and modified on site. This means 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 utilising 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 and 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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