

## Lilico Beach Viewing Platform

This penguin viewing platform on Lilico Beach in Tasmania was due for replacement. The previous platform of treated pine was replaced with a new structure that can now accommodate over a hundred visitors on peak season nights, which could previously only take a maximum of 70 visitors at a time. This was a highly sought-after upgrade by the volunteers who are at the site every day of the week, seven months a year, as well as the high numbers of visitors regularly at this beach.

Treadwell was engaged to supply the FRP grating panels for the decking.

### Project Challenges

- The new structure had to be able to withstand high loading points to accommodate the increased foot traffic from visitors.
- Anti-slip properties were a key consideration to address safety concerns.
- The selected material had to withstand permanent exposure to outdoor Australian weather conditions.

### PROJECT INFORMATION

Project Category:	Recreational Public Infrastructure
Scope of Work:	Supply GratEX® FRP Mini Mesh Grating
Treadwell Products:	EnviroTREAD™, ACCESS SYSTEMS GratEX® FRP Mini Mesh Grating & TreadWOOD® WPC

### Treadwell Solution:



1

Constructed from premium resin systems, GratEX® FRP grating is corrosion resistant, with UV stabilisers and fire-retardant additives, making it well-suited to withstand the outdoor environment.

2

Treadwell's FRP grating panels have anti-slip properties, without causing abrasion to bare skin, addressing safety concerns.

3

Treadwell's engineering and design teams are experienced and ensure that our products meet project requirements, and relevant compliance codes and standards.

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, keeping maintenance costs to a minimum.

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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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