

# **Project Challenges**

- Decking would be installed on a curved bridge structure and needed to accommodate the slopes.
- Being in a remote area, the bridge would have to be airlifted by helicopter to be installed, as such, the material had to be lightweight.
- The new bridge had to have a longer lifespan than the old wooden one, as well as require lower bridge maintenance.

PROJECT INFORMATION	
Project Category:	Recreational Public Infrastructure
Scope of Work:	Supply bridge grating
Treadwell Products:	ACCESS SYSTEMS GratEX® FRP Square Mesh Grating

## **Treadwell Solution:**





High performance GratEX® FRP Square Mesh grating was specified in building the structure as a preferred solution over traditional materials.



The anti-slip surface is built in during construction of the grating, providing additional safety features for the user.



Constructed from specially formulated resins,  $GratEX^{\otimes}$  grating is corrosive resistant and is well suited to withstand the outdoor environment.

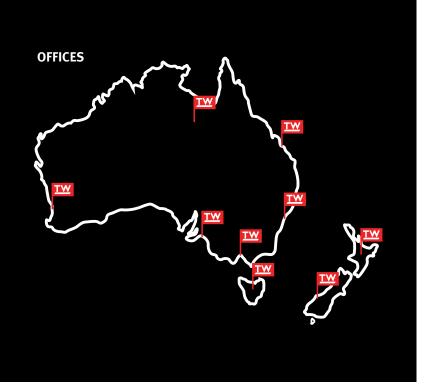


Being lightweight and easy to install, FRP is very manageable during construction



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





#### **ABOUT TREADWELL**

At Treadwell Group, our core business divisions have been develoaped 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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