

Myponga Trestle Bridges

The Myponga Reserve is a reservoir in South Australia about 60km south of Adelaide. It provides about 5% of the City of Adelaide's water supply. As part of the rejuvenation of access for personnel to maintain the pipeline, SA Water deemed that the deteriorated and unsafe wooden walkway needed to be replaced.

Project Challenges

- Large spans between the trestles.
- Walkway had to be installed 10m above ground level.
- Panels had to be trimmed to exact size.
- Panels had to be lightweight and easy to handle to address manoeuvrability constraints on the trestles.

PROJECT INFORMATION

Project Category:	Safe access for pipeline maintenance
Scope of Work:	Design and install safe walkway
Treadwell Products:	ACCESS SYSTEMS EX-Series® GridEX®

Treadwell Solution:



1

Treadwell's ACCESS SYSTEMS EX-Series® GridEX® FRP grating was specified to meet the load and span requirements.

2

EX-Series® GridEX® is durable and is able to withstand the harsh outdoor environment.

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 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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