

Happy Valley Access Ramp

Happy Valley, South Australia – Completed over 120 years ago, the Happy Valley Reservoir is one of South Australia’s oldest reservoirs. One of the 10 reservoir reserves now open to the public, visitors can look forward to walking trails, picnic areas with shelters and barbecues at this reserve. As part of the commitment to improve access for visitors, an access ramp was installed.

Treadwell provided design and supply for this FRP ramp.

Project Challenges

- Project had a very tight installation time frame.
- Sustainability and minimal impact to the surroundings were key requirements.
- Longevity and maintenance requirements of the structure had to be considered.

PROJECT INFORMATION

| | |
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| Project Category: | Recreational Public Infrastructure |
| Scope of Work: | Design & supply FRP products |
| Treadwell Products: | NatureTREAD™ Grange Series Bike Safe Balustrades EX-Series® GratEX® FRP Mini Mesh Grating ArchitEX™ FRP Structural Profiles |

Treadwell Solution:



1

Treadwell’s FRP products are constructed from premium resins with corrosion resistant and fire-retardant properties, as well as UV inhibitors, making it ideal for this outdoor application.

2

The lightweight nature of FRP means that heavy machinery is not required for installation. This also minimises the weight loading of the entire structure on the environment.

3

The openings of the GratEX® FRP Mini Mesh allows for water and debris to fall through, creating a self-maintaining anti-slip surface.

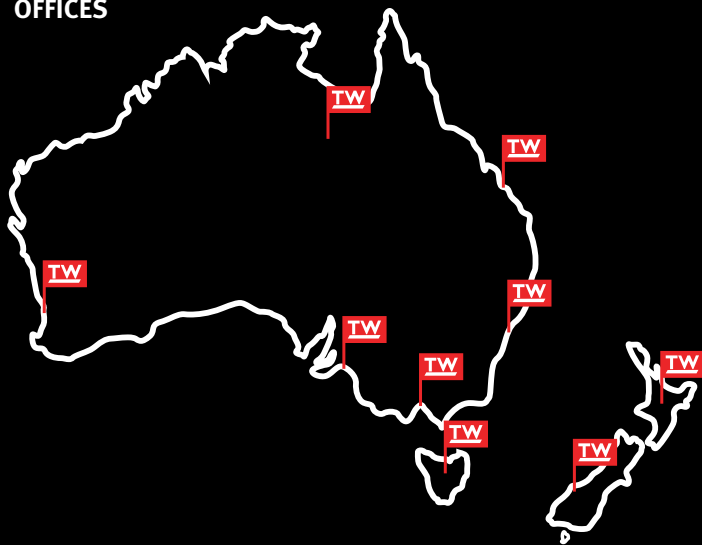
4

FRP is durable and has a long design life, easily outlasting structures built from traditional materials. This means it is virtually maintenance free, keeping maintenance costs to a minimum.

5

With ample stockholdings, Treadwell was able to manage the timeline expectations for this project.

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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