

## Mersey Whitewater Rapids Staircase

A whitewater excursion is a great way to view the splendor of natural beauty that Tasmania has to offer. The Mersey White Water Forest Reserve offers a range of paddling activities from racing, freestyle and recreational kayakers, rafters, school education groups, commercial rafting companies, and rescue training courses.

To accommodate the groups visiting the reserve, it was decided that new infrastructure had to be installed to provide safe access, while also protecting the natural environment. Part of the plans included a new bridge and staircase. Treadwell was engaged to supply the grating and stair treads.

### Project Challenges

- Installation was on challenging terrain; the material had to be lightweight to be easily managed.
- Installation was dependent on weather.
- Material had to have fire retardant properties as an added safety feature, being exposed to Australian summers.

### PROJECT INFORMATION

Project Category:	Recreational Public Infrastructure
Scope of Work:	Supply GratEX® panels and stair treads
Treadwell Products:	ACCESS SYSTEMS GratEX® FRP Micro Mesh Grating

### Treadwell Solution:



1

The depth of GratEX® stair treads can be customised to accommodate stair landings.

2

Treadwell's FRP products are lightweight yet durable, and very easy to manage for quick installations.

3

GratEX® FRP Micro Mesh grating panels and stair treads are designed to be corrosion resistant, anti-slip and constructed with fire retardant additives, making it ideal for this outdoor application.

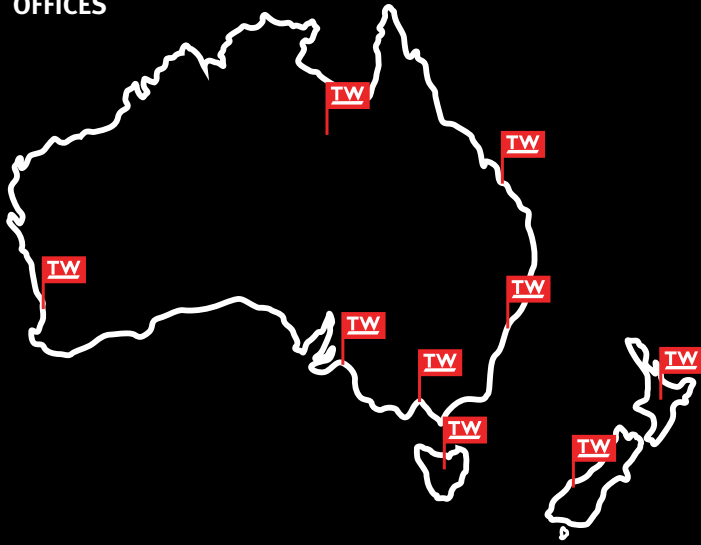
4

FRP is simply fabricated and modified on site. This means there is no need for any hot works permit.

5

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

## 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.

### Australia

#### SOUTH AUSTRALIA

▶ **ADELAIDE (HEAD OFFICE & WAREHOUSE)**

58 DEEDS ROAD  
NORTH PLYMPTON, SA 5037

▶ **STRATHALBYN (FACTORY & WAREHOUSE)**

22 DUNREATH ROAD  
STRATHALBYN, SA 5255

#### VICTORIA

▶ **MELBOURNE (BRANCH OFFICE & WAREHOUSE)**

1/38-40 AYLESBURY DRIVE,  
1 CAILIN PL, ALTONA, VIC 3018

#### NEW SOUTH WALES

▶ **SYDNEY (SERVICED OFFICE)**

LEVEL 6, 10 HERB ELLIOT AVENUE  
SYDNEY OLYMPIC PARK, NSW 2127

▶ **WAGGA (REGIONAL OFFICE)**

BALL PL  
EAST WAGGA WAGGA, NSW 2650

#### NEW SOUTH WALES

▶ **SYDNEY (DISTRIBUTION CENTRE)**

2 COAL PIER ROAD  
BANKSMEADOW, NSW 2109

#### QUEENSLAND

▶ **BRISBANE (BRANCH OFFICE & WAREHOUSE)**

LOT 3, 6 GOODMAN PLACE  
MURRARI, QLD 4172

#### WESTERN AUSTRALIA

▶ **PERTH (BRANCH OFFICE & WAREHOUSE)**

4 ELMSFIELD ROAD  
MIDVALE, WA 6056

#### TASMANIA

▶ **BURNIE (DISTRIBUTION CENTRE)**

8 RIVER ROAD  
WIVENHOE, TAS 7320

### New Zealand

#### NORTH ISLAND

▶ **AUCKLAND (BRANCH OFFICE & WAREHOUSE)**

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