

## East Devonport Beach Access

East Devonport, Tasmania – Popular with the residents of East Devonport, this beach includes walking and cycling tracks, barbeques, picnic areas and a dog exercise park. To improve access to the beach, Devonport City Council decided that an access ramp providing a clear pathway to the beach was required. This had to include an access ramp as well as steps, so that it was friendly to users of all abilities.

Treadwell was engaged to provide complete design engineering and workshop drawings for the FRP grating, stair treads and structural profiles for this structure.

### Project Challenges

- Structure had to be designed to suit AS1428 requirements and built in an environment where ground levels are constantly changing.
- Structure had to be corrosion resistant, being exposed in a coastal environment.

### PROJECT INFORMATION

Project Category:	Recreational Public Infrastructure
Scope of Work:	Design & supply FRP products
Treadwell Products:	EnviroTREAD™ Murray Series Balustrade ACCESS SYSTEMS GratEX® FRP Mini Mesh Grating ArchitEX™ FRP Structural Profiles

### Treadwell Solution:



1

GratEX® FRP grating is constructed as a large single piece panel, ensuring a uniform surface, without large gaps between panels. It is also able to withstand the weight loading of heavy foot traffic and wheelchairs.

2

Constructed from premium resin systems, GratEX® and ArchitEX™ FRP products are corrosion resistant, with UV stabilisers and fire-retardant formula.

3

GratEX® FRP Mini Mesh have an anti-slip grit surface, without causing abrasion to bare skin, making it ideal for this application.

4

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

5

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

6

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,  
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  
MURRARIE, QLD 4172

#### WESTERN AUSTRALIA

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

4 ELMSFIELD ROAD  
MIDVALE, WA 6056

#### TASMANIA

▶ **BURNIE (DISTRIBUTION CENTRE)**

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### New Zealand

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