

Port Noarlunga Divers Access Staircase

Port Noarlunga is one of the most popular diving sites in South Australia. The jetty's diving access stairs had been destroyed in a storm event and needed to be replaced. Plans for the new staircase included designs that allowed ease of entry for divers, increased number of access points and platforms for walk on/off instead of ladders.

Installation needed to be done over consecutive days of good weather to ensure accuracy. The stair access would also provide safety for the public.

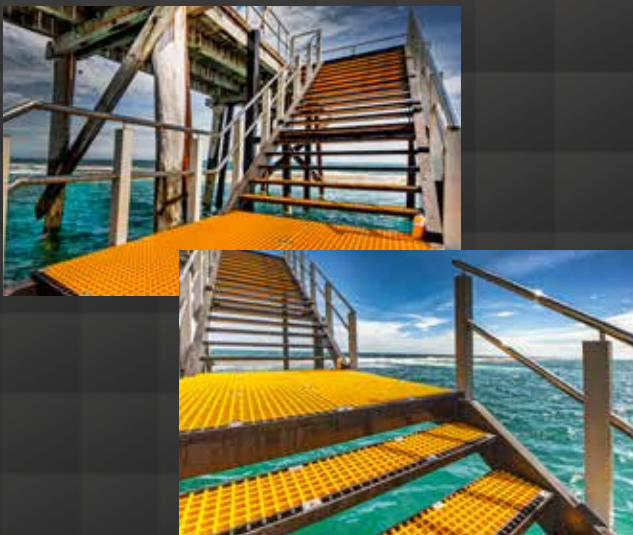
Project Challenges

- Corrosive marine environment.
- Difficulty in setting up and laying of structure as it was highly dependent on weather and tidal conditions.
- Construction in a high public traffic location.

PROJECT INFORMATION

Project Category:	Recreational Public Infrastructure
Scope of Work:	Design, Engineer and supply GratEX® Stair Treads with StormChief® Wave Action Fastening System and NatureTREAD™ Handrail System
Treadwell Products:	ACCESS SYSTEMS GratEX® FRP Stair Treads and Landings EX-Series® StormChief® Wave Action Fastening System NatureTREAD™ Balustrading System
Value:	\$ 35,000

Treadwell Solution:



1

As part of our NatureTREAD™ range, high performance GratEX® FRP Grating® Stair Treads were specified in building the structure and providing a sustainable solution over traditional materials.

2

Our EX-Series® StormChief® system is the optimal maritime grating fixing system to handle wave zone loading and is easily installed from the top surface

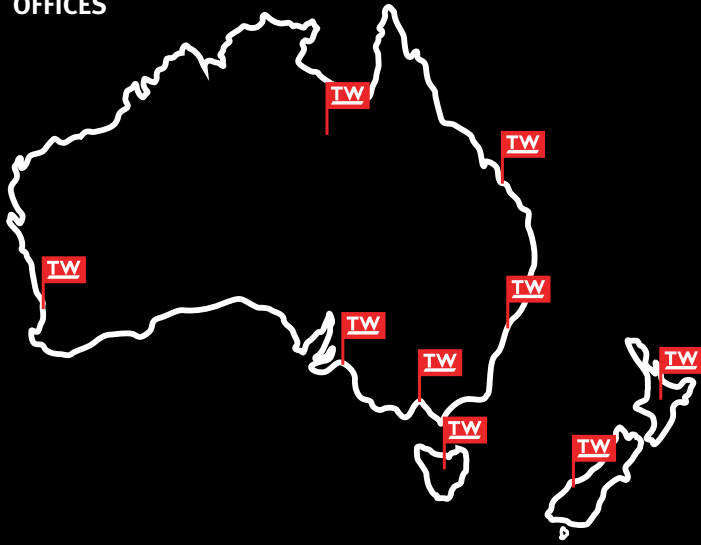
3

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

4

Given the nature of FRP, any system utilising it is virtually maintenance free, thus keeping maintenance costs low.

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)**

110B CRYERS ROAD
EAST TAMAKI, AUCKLAND 2013

Australia

P 1800 246 800

sales@treadwellgroup.com.au

F 1300 763 521

treadwellgroup.com.au

New Zealand

P 0800 246 600

sales@treadwellgroup.co.nz

F 0800 244 600

treadwellgroup.co.nz