

Access stairs & walkway

A locally owned business, our client has been central to the North Queensland construction industry since 1979. With a large modern facility located in the Cairns Port industrial area, they have the capabilities to handle various types of fabrication work, as well as an extensive painting facility. With the latest in automated steel processing machinery, they are able to remain at the forefront of their industry with their commitment to quality.

This company was contracted to provide an access structure for a modular site office building. Treadwell was engaged to supply the grating as well as the stair treads.

Project Challenges

- The selected material had to withstand constant exposure to the harsh Australian sun.
- Being in an outdoor environment, the selected material had to have anti-slip properties as well as corrosion resistance.
- Outdoor installation meant that progress was dependent on weather conditions.

PROJECT INFORMATION

Project Category:	Building infrastructure
Scope of Work:	Supply FRP grating and stair treads
Treadwell Products:	ACCESS SYSTEMS GratEX® FRP Mini Mesh Grating

Treadwell Solution:



1

ACCESS SYSTEMS GratEX® FRP Mini Mesh grating is constructed with UV stabilisers which make it ideal for the outdoor environment.

2

Made with an anti-slip grit surface, Treadwell's FRP GratEX® is hardwearing and tested to meet and exceed the relevant Australian standards.

3

GratEX® FRP grating and stair treads are prefabricated, making installation very quick, reducing weather concerns.

4

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

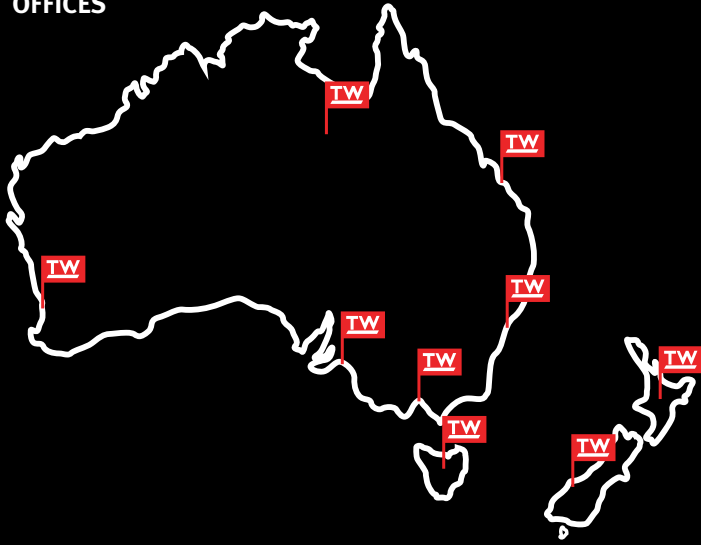
5

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

NEW SOUTH WALES

▶ **SYDNEY (DISTRIBUTION CENTRE)**

2 COAL PIER ROAD
BANKSMEADOW, NSW 2109

▶ **SYDNEY (OFFICE)**

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

▶ **WAGGA(OFFICE)**

BALL PL
EAST WAGGA WAGGA, NSW 2650

VICTORIA

▶ **MELBOURNE (DISTRIBUTION CENTRE)**

107 GATEWAY BOULEVARD
EPPING, VIC 3076

QUEENSLAND

▶ **BRISBANE (DISTRIBUTION CENTRE)**

4 HOWARD SMITH DRIVE
PORT OF BRISBANE, QLD 4178

WESTERN AUSTRALIA

▶ **PERTH (OFFICE & WAREHOUSE)**

4 ELMSFIELD ROAD
MIDVALE, WA 6056

TASMANIA

▶ **BURNIE (DISTRIBUTION CENTRE)**

8 RIVER ROAD
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New Zealand

NORTH ISLAND

▶ **AUCKLAND (OFFICE)**

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