

McCauley's Cycleway

McCauley's Beach, New South Wales – As part of a plan to encourage more people to explore alternative transport options, Wollongong City Council sought community feedback on proposed new routes as well as modifications to the current routes. To enforce their commitment to providing safe and accessible infrastructure for residents and visitors, the council deemed the highly utilised McCauley's cycleway bridge needed to be redone, including the replacement of the decking.

Treadwell was engaged to supply the FRP grating for this cycleway.

Project Challenges

- The selected material would be exposed to water and sand from the beach. It had to be ensured that debris would not stagnate on the surface.
- The decking had to withstand high loading points.
- Heavy usage meant that there had to be minimal downtime for maintenance.

PROJECT INFORMATION

Project Category:	Recreational Public Infrastructure
Scope of Work:	Supply FRP grating and related fixings
Treadwell Products:	ACCESS SYSTEMS GratEX® FRP Mini Mesh Grating

Treadwell Solution:



1

GratEX® FRP grating is constructed with an anti-slip surface, and features corrosion resistant, termite and rot proof properties.

2

The aperture in GratEX® FRP Mini Mesh grating allows water and debris to fall through, eliminating the risk of stagnant water, thus creating a self-maintaining anti-slip surface.

3

GratEX® is robust and able to withstand high weight loading.

4

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

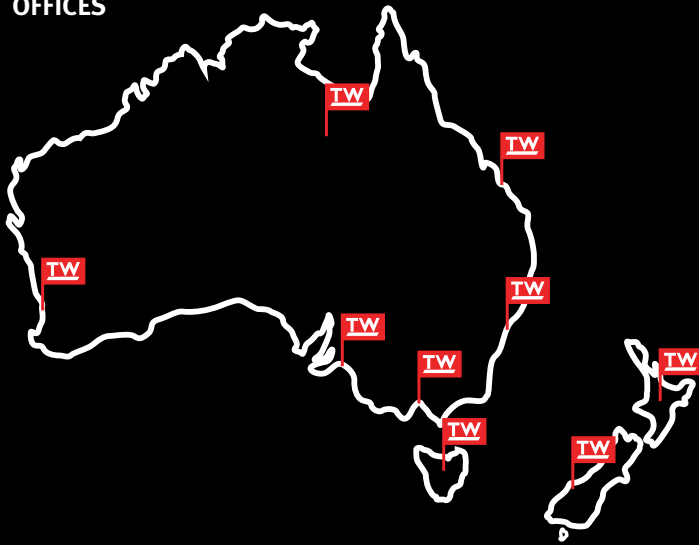
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Being lightweight and easy to install, FRP is very manageable during construction.

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 (OFFICE & WAREHOUSE)**

1 CAILIN PLACE
ALTONA, VIC 3018

QUEENSLAND

▶ **BRISBANE (OFFICE & WAREHOUSE)**

LOT 3, 6 GOODMAN PLACE
MURRARRIE, QLD 4172

WESTERN AUSTRALIA

▶ **PERTH (OFFICE & WAREHOUSE)**

4 ELMSFIELD ROAD
MIDVALE, WA 6056

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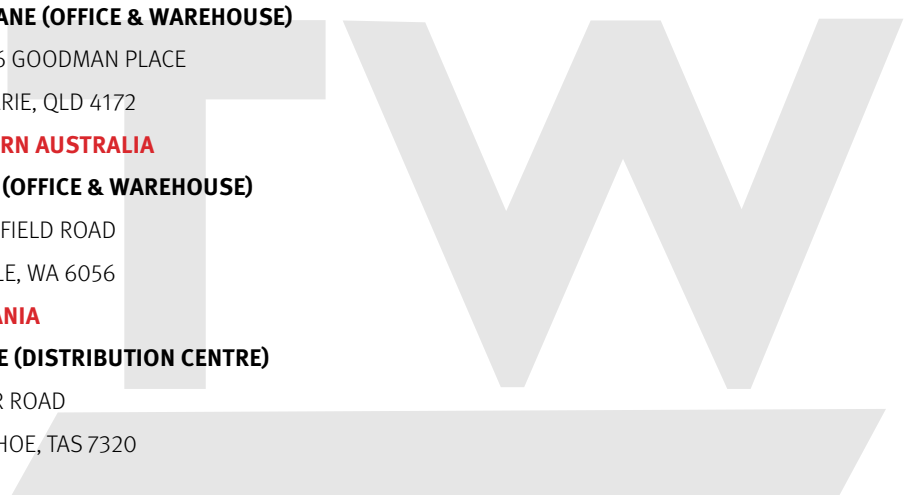
8 RIVER ROAD
WIVENHOE, TAS 7320

New Zealand

NORTH ISLAND

▶ **AUCKLAND (OFFICE)**

40 ONEHUNGA MALL
ONEHUNGA, AUCKLAND 1061



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