

Speers Point Jetty

Speers Point, New South Wales – The ageing jetty underwent an upgrade to a more usable one, which includes a lower-level landing to improve access for a wide variety of vessels across all tides. This was one of seven jetty and boat ramp upgrades in the Lake Macquarie electorate, supported in the past five years. An important recreation, sporting and cultural hub for Lake Macquarie and the region, this new jetty will provide safe access for the boating community in the years to come.

Treadwell was engaged to supply the FRP structural profiles as well as the grating for this upgrade.

Project Challenges

- Structure would be subject to tidal conditions and wave loading.
- Structure had to be robust to withstand exposure to various weather conditions.
- Maintenance had to be kept to a minimum as it was in a high public traffic area.

PROJECT INFORMATION

Project Category:	Recreational Public Infrastructure
Scope of Work:	Supply FRP structural sections and mouldruded grating.
Treadwell Products:	EnviroTREAD™ MoultrEX® FRP Grating ArchitEX™ FRP Structural Profiles

Treadwell Solution:



1

ArchitEX™ FRP structural profiles are created through a pultrusion process which contributes to bi-directional stability and longitudinal strength.

2

MoultrEX® FRP grating boasts greater amount of glass fibres offering excellent load bearing and resilience characteristics, while upholding the highest level of resistance to the elements and corrosion.

3

Treadwell's FRP products are constructed from premium resins systems which include corrosion resistant properties and UV protection.

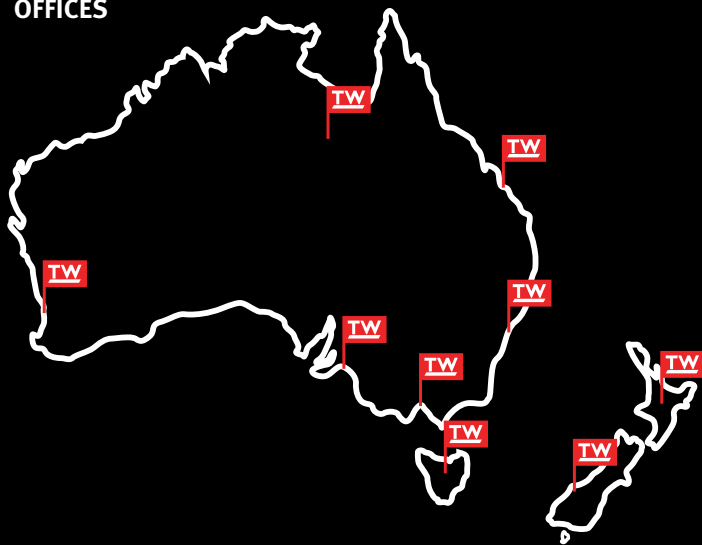
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Being lightweight and easy to install, FRP is very manageable during construction.

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

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58 DEEDS ROAD
NORTH PLYMPTON, SA 5037

▶ **STRATHALBYN (FACTORY & WAREHOUSE)**

22 DUNREATH ROAD
STRATHALBYN, SA 5255

VICTORIA

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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

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LOT 3, 6 GOODMAN PLACE
MURRARRIE, QLD 4172

WESTERN AUSTRALIA

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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 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