

Yacht Club Ramp

This heavy-duty ramp is based at a Victorian yacht club which has a shared use involving a wide range of loadings. This includes water access for horse exercise, yachts from the yacht club and also heavy tip trucks for seaweed removal from the beach.

Due to the high point loading created by heavy vehicles, the Treadwell Heavy-Duty GratEX® FRP grating was selected to withstand this loading as well as the environment it is placed in.

Project Challenges

- An exposed marine environment meant a durable product had to be selected.
- Needed to be able to withstand high weight loading
- Being on the shore, the material had to ensure that sand and other coastal debris would not collect and stagnate on the ramp.

PROJECT INFORMATION

Project Category:	Recreational Public Infrastructure
Scope of Work:	Supply of yacht ramp grating
Treadwell Products:	ACCESS SYSTEMS GratEX® FRP Rectangular Mesh Grating EXSemble® FRP fasteners

Treadwell Solution:



- 1 High performance GratEX® FRP rectangular mesh grating was specified as it exceeded the loading requirements.
- 2 The design of the grating addressed the concern of debris accumulating and causing safety hazards.
- 3 The GratEX® grating is corrosion resistant and anti-slip, providing superior safety and durability.
- 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 utilizing 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.

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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

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EPPING, VIC 3076

QUEENSLAND

▶ **BRISBANE (DISTRIBUTION CENTRE)**

4 HOWARD SMITH DRIVE
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WESTERN AUSTRALIA

▶ **PERTH (OFFICE & WAREHOUSE)**

4 ELMSFIELD ROAD
MIDVALE, WA 6056

TASMANIA

▶ **BURNIE (DISTRIBUTION CENTRE)**

8 RIVER ROAD
WIVENHOE, TAS 7320

New Zealand

NORTH ISLAND

▶ **AUCKLAND (OFFICE)**

40 ONEHUNGA MALL
ONEHUNGA, AUCKLAND 1061

SOUTH ISLAND

▶ **GREYMOUTH (OFFICE)**

10 CHESTERFIELD STREET, BLAKETOWN
GREYMOUTH 7805

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