

Hospital Ambulance Ramp

Located in Victoria, this hospital required the installation of an ambulance ramp to facilitate ease of patient transfers. Being installed at the height of the current pandemic, the ramp had to be put in place within a tight timeframe. Additionally, the landings had to be spacious enough to manoeuvre a patient gurney.

Treadwell was engaged to provide the decking for the ramp.

Project Challenges

- Ramp would need to withstand high weight loading as this was used as a pick up and drop off point for patients gurney traffic. Such ramps needed to meet compliance codes.
- Used for patient transport in various wheelchairs and mobility aids, the ramp had to maintain a consistent surface without joint protrusions.
- The chosen material had to sit flush with the flooring to facilitate seamless transitions.

PROJECT INFORMATION

Project Category:	Hospital infrastructure
Scope of Work:	Supply grating for ramp
Treadwell Products:	ACCESS SYSTEMS GratEX® FRP Micro Mesh Grating

Treadwell Solution:



1

EX-Series® GratEX® FRP grating is constructed as a large single piece panel, and can be installed such that it forms a uniform surface, without large gaps between panels.

2

GratEX® FRP grating is constructed with an anti-slip surface, providing superior slip resistance.

3

Treadwell is able to provide panels that meet the relevant codes and standards.

4

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

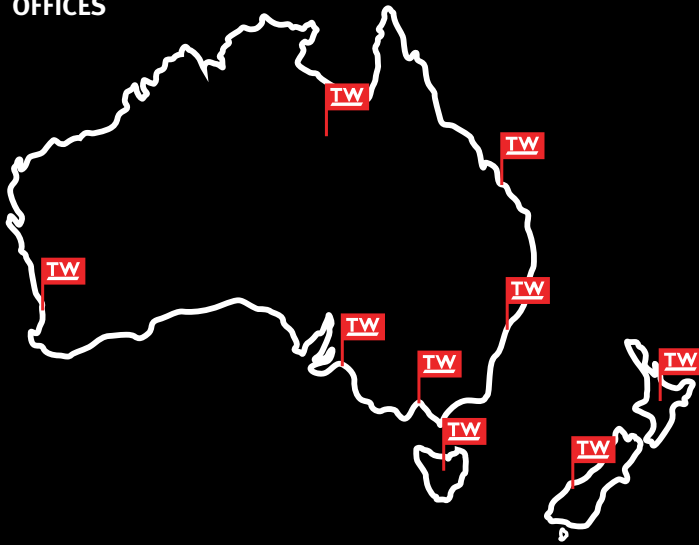
5

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
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