

Chemical Manufacturing Plant

A diversified chemical manufacturer, this proudly Australian owned company has multiple plants in Australia and Malaysia. Established in the early 1970s, they have come a long way and have expanded their portfolio over the years. In addition to chemical manufacturing, their capabilities include related bulk chemical and fuels storage and handling, as well as terminal infrastructure management. One of their major business commitments is the focus on operational safety.

As part of the extension of their plant in Brisbane, Treadwell was engaged to supply the FRP grating and handrails.

Project Challenges

- The selected products had to be robust, durable and able to withstand constant exposure to a corrosive environment.
- Downtime for maintenance and repairs had to be kept to a minimum so as not to disrupt production schedules.
- Being outdoors, the selected material had to also take into consideration extreme weather conditions.

PROJECT INFORMATION

Project Category:	Chemical Manufacturing Plant
Scope of Work:	Supply grating and handrails
Treadwell Products:	ACCESS SYSTEMS GratEX® FRP Square Mesh Grating RailEX® ROUND Handrails

Treadwell Solution:



1

Treadwell's ACCESS SYSTEMS EX-Series® GratEX® FRP grating and RailEX® ROUND handrails ensure durability with built-in corrosion resistant properties.

2

With a ready stock of GratEX® grating panels and RailEX® parts, repairs and replacements, if needed, are easily managed.

3

GratEX® stair treads moulded with a solid leading-edge stair nosing were used. This increases the rigor and sturdiness of the entire leading edge, ensuring dependable performance in high traffic situations.

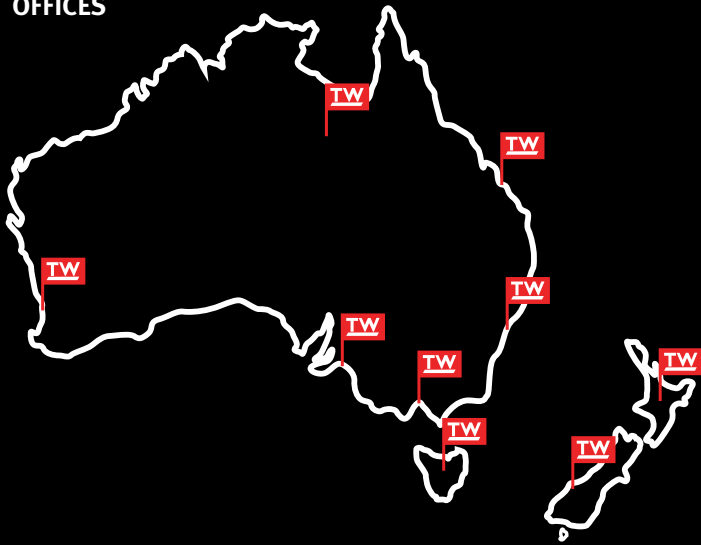
4

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.

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

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