

GratEX® and RailEX® Safety Platform

Our client specialises in the servicing and maintenance of cooling tower systems in both commercial and industrial applications. As part of an air-conditioning project they had, it was decided that structures had to be in place to address safety concerns for staff access.

Treadwell was engaged to provide the safety solution of caged ladders, handrails as well as durable decking.

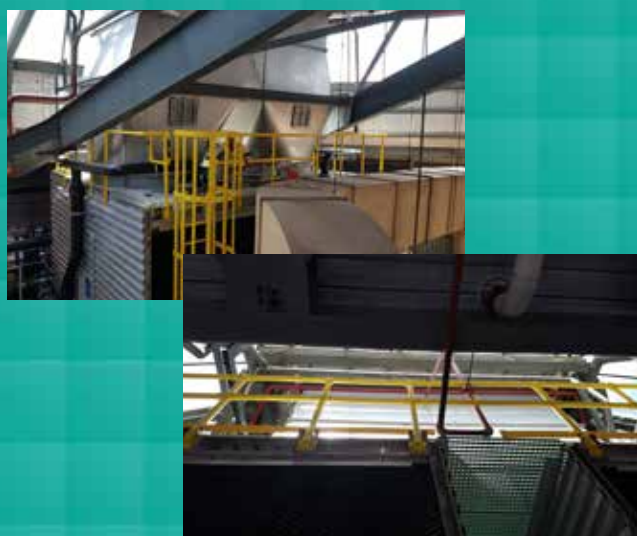
Project Challenges

- Installed as part of a cooling tower structure, the products had to be able to withstand exposure to constant humidity.
- Exposed to external conditions.
- Restricted accessibility for installation.

PROJECT INFORMATION

Project Category:	Cooling tower access
Scope of Work:	Safe access for maintenance staff
Treadwell Products:	RailEX® LadderEX® ACCESS SYSTEMS GratEX® FRP Grating

Treadwell Solution:



1

As part of the Treadwell EX-Series® range, high performance RailEX® handrails, LadderEX® ladders and GratEX® grating was specified in building the structure as a preferred solution over traditional materials.

2

The LadderEX® ladder complete with safety cage is the alternative of choice to metallic cage systems as it is corrosion resistant and provides electrical transparency.

3

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

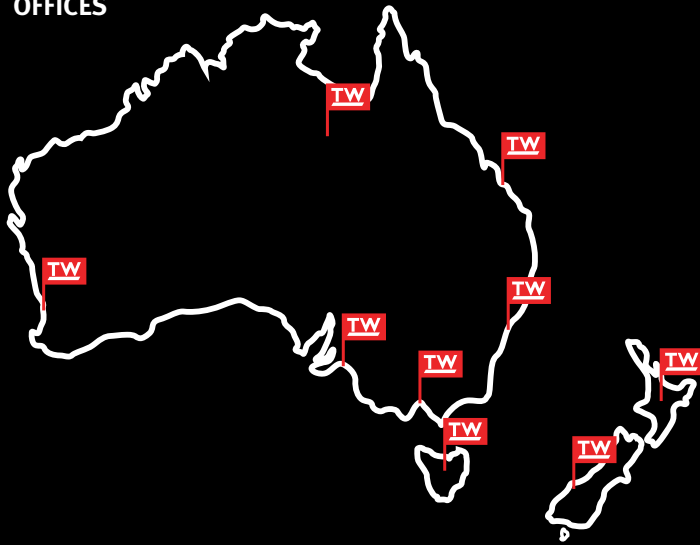
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Being lightweight and easy to install, FRP is very manageable during construction.

5

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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