

Sydney Trains

New South Wales – This train station is part of the extensive passenger rail network serving the city of Sydney. As part of an essential passenger accessibility upgrade, a lift shaft and related supporting platforms were installed. This was to provide a better experience for public transport commuters by delivering modern, reliable and safe infrastructure.

Treadwell was engaged to supply the FRP C-Channels for this upgrade.

Project Challenges

- Outdoor installation meant that weather conditions had to be considered.
- The selected material had to withstand exposure to outdoor weather conditions and remain corrosion free.
- The selected material had to be non-electrically conductive to ensure safety for users.

PROJECT INFORMATION

Project Category:	Train Station Infrastructure
Scope of Work:	Supply FRP structural profiles
Treadwell Products:	ArchitEX™ FRP Structural Profiles

Treadwell Solution:



1

FRP is lightweight and is very manageable during construction.

2

ArchitEX™ FRP structural profiles are constructed from premium resin systems which ensure durability with built-in corrosion resistant properties.

3

FRP naturally has low thermal and electrical conductivity, providing excellent insulation against any potential stray currents.

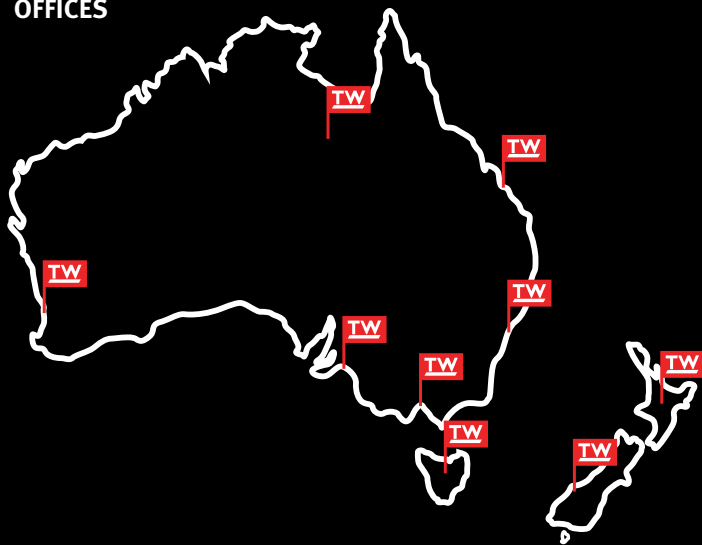
4

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

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.

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