

Kings Canyon Viewing Deck

A scenic landscape of rugged ranges, sandstone walls, palm-filled crevices and views that stretch across the desert, Kings Canyon park is truly a breathtaking sight to behold. Featuring activities like birdwatching, walks and hikes, the park is a destination for both Australians and international visitors.

As part of improving accessibility of the park, Treadwell was engaged to build a viewing platform that would allow visitors to experience the grandeur of the park, keeping safety in mind.

Project Challenges

- Remote location meant that any variance on task had to be completed on site.
- Accessibility was a concern as equipment and material had to be maneuvered by hand to the site.
- Outdoor installation meant that progress was dependent on weather conditions.
- Structure had to be able to withstand permanent exposure to desert conditions.

PROJECT INFORMATION

Project Category:	Recreational Public Infrastructure
Scope of Work:	Supply decking for lookout point
Treadwell Products:	EnviroTREAD™ ACCESS SYSTEMS GratEX® FRP Mini Mesh grating EX-Series® Stair Treads

Treadwell Solution:



- 1 As part of the exclusive EnviroTREAD™ range, high performance GratEX® FRP Mini Mesh grating was specified as the decking for the structure and providing a long and durable solution over traditional materials.
- 2 The FRP products are lightweight enough to be brought to the site and installed without the need for heavy machinery.
- 3 Decks and stair treads are prefabricated, making installation very quick, despite having to work around weather conditions.
- 4 The structure was engineered to maintain its integrity even when left exposed to desert weather elements.
- 5 FRP is simply fabricated and modified on site. This means there is no need for any hot works permit.
- 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.

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